37	2017-18	UNSCRIPT Hackathon 2018	24th & 25th Mar 2018	250
38	2017-18	Cyber Security in IOT and Cloud	3rd July to 7th July 2017	252
39	2017-18	Data Analytics	23rd & 24th March 2018	269
40	2016-17	Hands on Training on CFD using Simulations	3rd & 4th Feb 2017	275
41	2016-17	Hands on Training on Mechatronic System	19th & 20th August 2016	288
42	2016-17	Two Day FDP on "Hands on Training on Python Coding and Remote Lab learning	10th - 11th Feb, 2017	293
43	2016-17	Ethical Hacking Workshop	30th July-31st July 2016	302
44	2016-17	Workshop on Latex	22nd Aug 2016	307
45	2016-17	Crescendo	26th Aug 2016	310
46	2016-17	Technologies and career opportunities in VLSI	26th Sept 2016	325
47	2016-17	Technical Paper Presentation, Technical Debate and Project competition	17th Mar 2017	335
48	2016-17	Life Balance: To Overcome Stress Through Yogic Techniques	24th - 28th Apr 2017	340
49	2016-17	Seminar on Raspberry Pi	28th July 2016	369
50	2016-17	Python Workshop For Women empowerment.	3rd Sept 2016	370
51	2016-17	Stress Management & Yoga for Healthy Life	3rd - 4th Feb 2017	370
52	2016-17	Agile Project Implementation	23rd Mar 2017	370
53	2016-17	Internet of Things	27th June - 21st July 2016	370
54	2016-17	R-Programming	5th & 6th Aug 2016	385
55	2016-17	Stress Management and Yoga for Healthy Life	3rd & 4th Feb 2017	376
56	2015-16	IPR	5th & 6th Feb 2016	399
57	2015-16	Two Day FDP on Remote Learning Technologies	5th - 6th Feb, 2016	406
58	2015-16	Keil and Proteus Workshop	24th July 2015	410
59	2015-16	Technical Paper Presentation Seminar	29th July 2015	413
60	2015-16	Technical paper presentation	11th Mar 2016	420
61	2015-16	Big Data Analytics	7th - 11th Dec 2015	423
62	2015-16	Intellectual Property Rights	5th -6th Feb 2016	426
63	2014-15	Simulation of Manufacturing Systems	13-14 Mar 2015	432
64	2014-15	One week STTP on Accreditation and Quality Assurance Based Education	17th -21th Nov 2014	437
65	2014-15	Two Day FDP on Challenges in VLSI Technologies	13th -14th Mar 2015	447
66	2014-15	LABSTRUKC & SOLDERDON	23rd & 24th July 2014	451
67	2014-15	Seminar on Single Photon Counting and Sensors	13th Feb 2015	453
68	2014-15	Technical paper presentation	20th Aug 2015	457
69	2014-15	Digital Forensic	11th - 15th Nov 2014	465
70	2014-15	Advanced Internet Technology	5th Jan to 9th Jan 2015	468

3.2.2 (Proofs)

Number of Workshop/Seminars conducted in last 5 years

2018-19 to 2014-15

Brief Profile of the Speaker

**Facebook Live session by Central expert for
Workshop on**
IPR for Students and Faculty Members
Date: 10th January, 2019   Time: 1:30 PM to 3:30 PM

Ms. Shwetasree Majumder
Principal
Fidus Law Chamber

Experience:
• Shwetasree Majumder is an alumnus of the National Law School, Bangalore
• Founded Fidus Law Chambers in 2008
• Shwetasree was elected to the Board of Directors of the International Trademark Association (INTA).
• She concentrates her practice in litigation, enforcement and counseling in intellectual property, technology, advertising and trade secrets matters across a broad spectrum of industries.
• She has been a member of a panel which worked on the Verma Committee Report leading up to amendments in Indian criminal laws to address crimes against women.

Report of Webinar Session on IPR

The webinar organized by MHRD's Innovation cell was a live session for "**IPR for Students and Faculty**" by Ms Shwetashree Majumdar, Principal, Fidus Law Chamber, was informative program.

Name of the event: *Intellectual Property Right*
Speaker :   *Ms Shwetashree Majumdar, Principal, Fidus Law Chamber*
Date of event: *January 10th 2019, 1.30-3.30PM*
Location of the event: *Samvad hall of CRCE College.*
Sponsoring organisation: *MHRD Innovation Cell (MIC)*
Total number of students attended: 208
Total number of Faculty members attended: 36

Webinar Summary

Many people are not aware of a lawyer practicing in the area of IPR. In Fact India has one of the "strongest IP Law regimes in the world". There are two pillars, according to her perspective, to do with IP Laws:

 1) "Pillar of protection"

2) "Pillar of Enforcement"

The different types of IPRs and their area and rules of application are as follows:

Patent: Patent is granted to and for an Invention that did not exist before.

At the outset, it was clarified that Invention needs to be differentiated from Discovery. A discovery is made when something that had existed but not known to the public is brought to their notice. An invention is made when something is created for the first time or something that had not existed until its 'Invention'.

The Granting of a patent is "quid pro quo". The patent is granted to an Inventor for revealing the blueprint of his invention to the public and in exchange the inventor gets exclusive rights to exploit his/her invention commercially which enables him to profit from the same.

The inventor needs to file an application at the patent office.

The Product, Process, Creation must meet the test of 'Prior art' which is to check if there is any evidence that the invention is already known or not.

A Patent is granted for a period of 20 years, after which it becomes available to the public and the inventor losing exclusive rights.

Three conditions that need to be fulfilled for an Invention to be eligible for a patent are:

1) Novelty – The invention has not been seen before in the market or public domain.

2) Invention is Technical Advancement of Economic significance.

3) Invention must have an Industrial Application – which can be 'Commercialized',

Inventions that cannot be patented include:

1) Inventions that are against Natural Laws.

2) Inventions that is harmful to health.

3) Scientific and mathematical formulas.

4) Defense related inventions.

Copyrights: these are IPs for literary, artistic, dramatic works etc. it is the only type of IP that doesn't need registration. Some of the rights associated with copyrights are performer's rights, broadcasting rights, economic rights and moral rights.

Copyright infringement occurs when someone makes infringing copies or imports such copies. A notable example of copyright infringement is that of torrent where people are able to watch movies illegally.

Trademarks: trademarks are anything that is capable of being represented graphically. These include words, symbols, colour combinations etc.

Trademarks are registered for 10 years and can be renewed at the end of the term.

There are also non-traditional trademarks which include sound and smell. An example of sound trademark is that of the 'Roaring Lion' owned by MGM Studios.

Counterfeit trademarks are an exact copy with the same words, logo, and colour as the original.

Industrial Design (ID): These are features, configuration, and pattern, composition of colours applied to an article by any industrial process which appeal to and are judged solely by the eye.

When these articles have a different and never existing function, it isn't classified as an ID.

An ID has a term of 15 years.

Geographical indication (GI): These are IPs given to products of a specific geographical origin and possess recognition only because of its origin. It is given to a community rather than to an individual.

The term of a GI is 10 years and is renewable at the end of the term.

Semiconductor IC layout design: these are IPs given to products having a different type of circuitry function. It is specific to the product hardware. The IC must be original, distinctive, distinguishable and commercially exploitable.

The term of this IP is valid for 10 years.

Plant Variety: these are granted to protect plant varieties and recognize plant breeders.

The plant variety must be novel, distinctive, uniform and stable to be granted an IPR.

Trade Secret: this is an IPR that is different from other types of IPR. Instead of revealing something to the public, the secret is protected from the public. This IPR applies to the heads of companies aware of the company secrets. The heads are prevented from revealing the secret to the public throughout his/ her lifetime. A notable example is the "coca cola formula". The formula has been kept confidential to date and isn't known to the public.

Application for an IPR can be made online through website www.ipindia.nic.in

Shri Anand Mahindra
Chairman
Mahindra Group

MHRD

MIC

AICTE

SMART INDIA
HACKATHON
2019

INDIA FIRST
LEADERSHIP TALK SERIES

Tuesday, 08 January 2019, 02:00 PM

Send Your Questions for Shri Anand Mahindra on
www.mic.gov.in/questions.html before 5th January 2019

Watch
Live on

f LIVE www.facebook.com/mhrds.innovationcell

YouTube www.mic.gov.in/live.html

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Report of Webinar Session On India's First Leadership Talk Series

The webinar organized by MHRD's Innovation cell was a live session for "**India first leadership talk series**" by Shri Anand Mahindra, Chairman, Mahindra Group was an exceptionally brilliant and truly inspirational program.

Name of the event: ***India's first leadership talk series*** *by Mr.Anand Mahindra*.
Date of event: *January 8th 2019, 2.00-3.00PM*
Location of the event: *Samvad hall of CRCE College*.
Sponsoring organisation: *MHRD Innovation Cell (MIC)*
Total number of students attended: 201
Total number of Faculty members attended: 58

At the beginning **Ms. Sakshi Ghadigaonkar** and **Ms. Anu Thomas** introduced IIC-FrCRCE council to the students and announced about the events like **Idea competition**.

Webinar Summary

On January 8th, an informative and helpful webinar on leadership talks by **Mr. Anand Mahindra** (Chairman of Mahindra Group) was organized by IIC-FrCRCE at Fr. CRCE College in Bandra. The objective of this webinar talk series is to learn from the experience of industry leaders. In this connection, Mr. Anand Mahindra (AM) was the first person invited. MHRD invited questions from students of different institutions all over India and over 500 questions were received which were compiled and put under various categories. The first category was what to do with innovation, the second about the speaker's leadership and his success and failure stories, the third about the speaker's opinion on start-ups and the fourth to do with the speaker's company- Mahindra and Mahindra and its core business.

The talk was well received by the students and teachers alike. The objectives of MIC for organizing the event can be said to be achieved due to precise answering of some of the important questions by Mr. Mahindra dealing on issues like:-

1) Dealing with failure.

2) Qualities for becoming a leader.

3) Encouraging innovations and entrepreneurs.

4) Balancing life and work

5) Importance of competition, etc.

The questions that were asked are as follows:

Question 1:

Most of the audience were students who are about to graduate and are anxious about what they should do - whether to go for a job or for a startup. AM was asked to share his experience, more particularly what was it that was not taught in school which students should know.

The speaker replied saying that he graduated from Harvard business school (HBS). The acronym HBS was most important for students to know, where H stood for "humility", B for "brevity" and S for "self awareness".

Humility: Humility should be inversely proportional to the reputation of the institution one studied in. The speaker always tried to be humble and defer to the opinions of others.

Brevity: People tend to be verbose and speak too much. There is a need for one to be brief and being brief makes it simple for people to understand.

Self Awareness: Self awareness isn't taught in any school. One must be aware of one's motives. Following one's motives makes one happier and the speaker believed that happier people are more successful.

Question 2:

What was AM's motivation when he chose to go for films and then switch to business?

The speaker replied that he considered himself to be a rebel, a voracious reader who questioned the purpose of everything. He was born into a business family but didn't like the idea that his life seemed to be plotted by others, even if they were his parents. As a rebel, he wanted to paint his own canvas. He was more in favour of the arts and after several false starts; he applied for the liberal arts course in Harvard college where he majored in film making. He proved that he wasn't the one who inherited everything from his parents by his thesis film on kumbh Mela which turned out to be successful. Having done so, he chose to shift to business.

Question 3:

An individual has to go through many failures in his life. Have you (AM) seen such failures and how do you cope with that?

The speaker believes that everyone goes through failures. People usually advice "get up, get dusted and carry on". While all that is true, it is necessary for one to cope with the emotions of failure. "Allow yourself the terror and the tear of failure". "Take time off, allow yourself to feel low" which will make one bored and consequently want "yourself to move on".

Question 4:

Did you (AM) know how to cope with failure while in school or did you get it over time by experience.

The speaker said that he was no "baal yogi" while in school and that he learnt to cope with failure with experience.

Question 5:

Who is AM's role model?

The speaker said that his mother advised him to not have a single role model but instead, form a jigsaw puzzle of role models. A leader must have ideas but must share the ownership of the idea with all people and make themselves believe that it's theirs. A notable example was that of Gandhi ji, who believed in freedom but the idea of freedom was shared by all people. I.e. ownership of idea must belong to followers.

Question 6:

How can innovation become the fulcrum of a corporate?

The speaker said that innovation is critical which does not come from "jugaad" but from "jakhas". For innovation to become the fulcrum of a corporate, the company must provide the ecosystem for innovation which comes through "autonomy", "empowerment", "recognition of entrepreneurs" and "sharing of wealth" through ESOP.

Finally he added about the need for strong startup ecosystem in the company which he called "intrapreneurship".

Question 7:

Are leadership skills different while handling a small company as compared to a large company?

The speaker replied that regardless of the size of the company, leadership should be "transformational" and not "transactional". At the same time, the leader must identify people in the company who are good at being "transformational" and those good at being "transactional". The latter will be the executers of the idea.

Question 8:

Given that many students are confused, while in college, about what must be done upon graduation, should one go for start-up or go for a job and then a start-up?

The speaker replied that one must follow one's motivation. Whatever be the motivation, be it teaching, enormous wealth or global recognition, follow the motivation. If one decides to be an entrepreneur, assess one's own risk aversion. If not averse to taking risk, then one may start-up in his/her garage. If not, a company like mahindra provides an ecosystem for an individual to become an "intrapreneur".

Question 9:

How can one maintain his/her work life balance?

The speaker replied that an individual must always love his/her work and in such a case, there is no need for balance as there is so much joy. In such a case, "work is life and life is work" and there is no dichotomy.

Question 10:

What is the future business model?

The speaker replied that competition is always the one that brings out the best. However, in today's world, to be competitive, one must also be collaborative. I.e. a company should outsource work and learn to collaborate with other companies.

On a lighter hearted vein, Mr. Anand Mahindra was asked whether he had any plans to return to film. To that, he replied that such a case was very likely possible if everything were to fail, perhaps do the role of a villain!

Though it was one way session which prevented direct interaction between the speaker and the students, Mr. Anand Mahendra did try to help the students on planning their future more precisely. The MIC should be equally commended for reaching out to students by such new ways and explaining to them the importance of the term 'Innovation'. The students dispersed with a sincere hope that such talks should be organized again by the council.

Feedback from an IIC student member:

"The Event was very helpful and encouraging and it also cleared some of my doubts regarding post-graduation plans. The way he said to embrace failure instead of fighting it was also something new I've heard. Overall it was great and I would be waiting for further sessions of the talk series given by such amazing people."

Kailash Nair,
FE Electronics, Fr.CRCE Bandra

INDIA FIRST LEADERSHIP TALK SERIES

Talk on: **Planning for Career**

Thursday, 24th January 2019, 11:30

Send Your Questions for Dr. Anand on
www.mic.gov.in/questions.html **before 20th Januar**

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Anand Deshpande
ader, Chairman & Managing Director
Persistent Systems Ltd.

Report of Webinar Session on 'India First Leadership Talk Series"

The webinar organized by MHRD's Innovation cell was a live session for "**India first leadership talk series**" by Dr. Anand Deshpande, Founder, Chairman and Managing Director of Persistent Systems Ltd. was an exceptionally brilliant and truly inspirational program.

Name of the event: *India's first leadership talk series* by Dr. Anand Deshpande.
Date of event: *January 24th 2019, 11.30-12.30PM*
Location of the event: *Samvaad hall of CRCE College*.
Sponsoring organisation: *MHRD Innovation Cell-Institutions Innovation Council (MIC - IIC)*
Total number of students attended: 187
Total number of Faculty members attended: 11

Webinar Summary

On January 24th, an informative and helpful webinar on leadership talks by **Dr. Anand Deshpande** (Founder, Chairman and Managing Director of Persistent Systems Ltd.) was organized by IIC-FrCRCE at Fr. CRCE College in Bandra. The objective of this webinar talk series is to learn from the experience of industry leaders. In this connection, Dr. Anand Deshpande (AD) was invited.

The webinar started with Dr. Abhay Jere, Chief Innovation Officer, MHRD Innovation Cell, welcoming Dr. Deshpande and introducing him to the audience. MHRD invited questions from students of different institutions all over India and over 100 questions were received which were compiled and put under three categories. The first category was what to do with start-ups, the second about the IT field and its development, the third about the career.

The questions that were asked are as follows:

Question 1:

In 1990 when AD came back to India, what was his motivation to start his own business?

The speaker replied that he had good opportunities in the US but he had a desire to come back to India. At that time he had a few projects in mind but always wanted to do something innovative on his own. In 1990, lack of telecom infrastructure, networking facilities made communication difficult. The government had the foresight of heading the software technology by helping software-based companies. He said that he was lucky enough to be part of the first round of STP businesses.

Question 2:

Ease of doing business in this generation is more compared to AD's generation. To send a single email to the U.S. AD had to travel to Mumbai. Did you face bureaucratic problems in business?

The speaker said that it was difficult back then to start a business but we have come a long way since then. The climate for entrepreneurship is a lot better now. Sure, challenges were high back then but the condition was same for everybody. The whole point of being an entrepreneur is to solve problems and rise above them. You just learn to face difficulties

Question 3:

For a young person who has come from U.S, completing his education there, working there and then adapting to Indian Bureacracy, did you feel frustrated and demotivated anytime?

The speaker replied that he always had customers willing to provide work. So he never felt like leaving. He had only been to the US for 5-6 years so it wasn't much different.

Question 4:

Students have a major doubt whether they should pursue their entrepreneurship ideas immediately after graduation or secure a job first, take some experience and then go for entrepreneurship because many a times students face a lot of pressure from parents, from society to settle with a good job and give up on their dream?

The speaker believed that the key to a successful entrepreneurship is to have a problem to solve. If you have a problem compelling enough to be solved and if you have the ability to deliver a solution for it, that's when you start becoming an entrepreneur. Self-employment is a happening thing around the globe. For a student who has just graduated, it's a good idea to work for smaller businesses where you will work with an entrepreneur, will get ideas, will start to think like an entrepreneur. You should start your own business only when you know what you are doing. It is not advisable to start a business and then figure out what to do.

Question 5:

Large number of students participating in Hackathons, come up with innovative ideas and new technologies and their entire approach is how to use this technology to solve a particular problem?

The speaker replied, when you are building a product for a company, the focus is upon building something that someone is willing to buy for a reasonable price to

make your business viable. Knowing a certain technology doesn't entirely make a business happen. Unless you verify the viability of the business and make sure you can sustain it, there is no point in starting a business.

Question 6:

Nowadays topics such as Machine Learning, Artificial Intelligence, Blockchain, have become buzzwords. Students would like to know the scope and business opportunities provided by such topics.

The speaker explained that companies like his own work in such areas of IT and they definitely would hire students working in such areas as it is in great demand. If you have a good understanding of such technologies and are willing to apply them to problems faced by customers then potentially a business can be emerged from it. For example, it is not just about learning Machine Learning, but applying it to real-life problems such as farmer's problems, water purification or any other potential area of interest.

Question 7:

There is a rising fear amongst students whether the jobs are getting evaporated or whether the team size is sinking as a result of which the opportunities in the market are reducing. Also freelancing trend is on the rise. Please elaborate on this topic.

The speaker said that technologies are pacing forward rapidly and those who can keep up with this pace will always be in demand. Those who do not stay up with ongoing changes will find it difficult to sustain. So students should understand that this is a continuous learning process and you will be expected to keep learning as you move along and part of the responsibility of upgrading your skill just begins in college and should be continued further even after college. There is a misconception that after college learning generally stops. This is untrue. The kind of skills needed for industry is changing rapidly along with changing technologies.

An example of such rapid growth was given by the speaker. He mentioned that some 10-20 years back smartphones did not exist. 4G-3G never existed. So the change is technology is huge. And if we extrapolate it to the upcoming 10 years you will observe this change again. Younger generation is more inclined to try out new things and changes. The kind of security they share or their ability to take chances is a lot better than their older generations. This is what is known as 'Uberization' of industry. Essentially it is an individual's own personal responsibility to make ends meet. People are looking at self-employment, learning new things on their own and then building a career out of it. We are expected to invest on our own long term career advancements and long term skill-building.

3 | 6

Question 8:

Do you feel that it would not be wrong to say that, every student has to think of himself as an entrepreneur?

The speaker replied with an affirmative. He recalled a book called named, 'Me Enterprise' and its idea that every individual is an entrepreneur and is writing his own enterprise. You may work for an employer but actually your employer is your customer. So you are responsible for your own business and you need to have your own mission and vision. Secondly, students should try to build their skills based on some technology and also, irrespective of what other people might say, the curriculum is not the problem. What you do with it is. You need to learn to do things on your own. The speaker feels platforms like Smart India Hackathon are brilliant and provide students with opportunities to present their ideas and apply their skills. Thirdly, communication skills are what takes you up in your career. Technologies will come and go but communication skills are lifelong.

Question 9:

When a student gets out of college and gets into a job as a software engineer, he later aspires to be a team leader, in managerial position. But when you say about taking leadership in your hands, does it reduce the need of managerial positions?

The speaker said that, while a person is in college he spend time acquiring technical skills. Divide 40 years of your job phase into 4 parts.
1. In the initial 10 years, start with Learning and Networking. Learn as much as you can and build a strong network of people. Be open to ideas.

2. In the second 10 year phase, that is in the 16 -17 year of career you should be an expert in a particular field

3. In the next phase you should be in a position called 'The Corner Office' phase. Plan out your decisions such that you see yourself in a corner office position.

4. The last phase you need to manage your financial condition and lifestyle and be in a position to know your retirement plans.

Question 10:

When you look back at your career do you think that you have gone through these specific phases?

The speaker replied, that his career graph was slightly different as he was a CEO already when he started and he remained in the job for 28 years. But his responsibilities had changed over the years and he did learn new things. He believes that every year we should learn something new and develop it. The extra years of

experience of an individual should count in value for the organisation and himself. This is something that the speaker is very conscious about.

Question 11:

When you are recommending career steps, are they gender-agnostic because sometimes at a certain stage girls are asked to stay with their family and how should women cope up with this?

-Question from Ayushi, IIT Kanpur

The speaker said, he feels that women are equally competent and capable as men. That said, there are gender-biased opinions in our society regarding women, but as long as jobs are concerned women have to chart their own path and we will see more and more women who have fantastic achievements in their fields.

Question 12:

Is India really prepared to handle Industry 4.0 and as a software industrialist do you feel that we have a huge role to play in it or how industry is evolving in that perspective?

-Question from Veer Patel, IIIT Kanchipuram

The speaker believes that Industry 4.0 is going to happen. More and more devices, activities are going to get sensors. People are going to be able to track activities, look at events, combine them to do exciting things. Maybe India is a few years behind, but we will get there. This can be viewed as an opportunity for young people to check into this new generation of inter-connected devices, interconnected factories. Software 4.0 is our methodology of building Industry 4.0. It deals with distributed architecture and with the kind of networks and technology that we possess, it is being implemented across everywhere.

Question 13:

Do you believe that a companies are slowly moving towards a model where campus recruitments will be in the form of hackathons or based on how you perform in your projects and interviews will not be taken?

The speaker feels that it is not one out of many. The hiring process is now moving to a model where a combination of aspects are involved. Hackathons demonstrate what an individual is building on his own and that is a skill that businesses will expect. Thus, hackathons will be another input into considering people while hiring. People also want good communicators so interviews will obviously remain.

Question 14:

<u>Will you categorize yourself as a technocrat, or sales person or a manager?</u>

The speaker said that he loves doing salesmanship and he thinks I he is a good salesperson. All businesses are developed from sales and whoever will sell well will do well. No body opts to be a salesman but they should. If you look at any business and you don't have sales and customers, the business does not exist. If you don't have your own technology you can resell someone else's technology. Thus, sales is the most fundamental part of any business.

Though it was one way session which prevented direct interaction between the speaker and the students, Dr. Anand Deshpande did try to help the students on planning their future more precisely. The MIC should be equally commended for reaching out to students by such new ways and explaining to them the importance of the term 'Innovation'. The students dispersed with a sincere hope that such talks should be organized again by the council.

Feedback from a student member:

"The session focused on answering an important question which is whether one should start their own business or work for a few years to gain knowledge and experience. Different topics such as self-employment, business models, currently required skill sets were discussed in detail. G one's own business were explained beautifully. "

Sumedh Deshpande,
TE Computers, Fr.CRCE Bandra

Report of IDEA COMPETITION 2019

Institute Innovation Council – Fr.C.R.C.E. Bandra. (IIC-FrCRCE), organized the event "IDEA COMPETITION" to harness the project ideas which are buzzing in the mind of the students. The aim of this event was to provide a platform to showcase their ideas and take a step to convert it to a real working model. Participants were expected to use their creativity to develop innovative, cost-effective and practical ideas and present them in terms of poster presentations. Idea Proposals were evaluated by a team of research, industry and domain experts. Shortlisted ideas will get the chance to move to design competition and compete in the project competition.

Major focus of this event:

- ➢ To create a vibrant local innovation ecosystem.
- ➢ Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas.
- ➢ Develop better Cognitive Ability amongst Technology Students.

Name of the event: *IDEA COMPETITION 2019*.
Date of event: *MARCH 16TH 2019, 9.30AM-3.00PM*
Location of the event: *Fr. C.R.C.E. Bandra*
Sponsoring organisation: *Fr.C.R.C.E. Bandra*
Total number of teams registered: **34**

Event Summary

Teams submitted their idea(s) in the form of proposal. **Ideas** were shortlisted for final presentation on the basis on novelty, technologies used, technical and financial feasibility and market survey **by IIC members.**

Each team was provided with 15 mins slot for poster presentation, out of which 10 mins were allocated for presentation by the students and 5 mins were allocated for question and answer session between judges and the team.

No. of total teams submitted the proposals: **54**
No of Shortlisted teams: **45**
No of registered teams: **34**

Themes
1. Health Care
2. Agriculture & Rural Development
3. Energy
4. Environment
5. Others

Evaluation Committee

Sr.No	Judge Name	Judge Details	Domain Expert
1	Mr. Shreekant Shiralkar,	Principal Consultant, Tata Consultancy Services. Mumbai	Data Science Energy
2	Mr.Gangan Rajendra	Founder and Executive Chairman, Conbuss Online Manufacturing Pvt Ltd	Energy
3	Dr. Sushil Thale	Dean R&D and Professor Dept. of Electrical Engineering, Fr. C. Rodrigues Institute of Technology, Vashi	Agriculture Others
4	Dr. Hemant Khanolkar	Dept. Of Humanities, Fr. Conceicao Rodrigues College of Engineering, Bandra-west	Healthcare and Environment
5	Mr. Manthan Dakshini	Co-Founder, Brillmax Private Limited, Mumbai-400064	Mechanical
6	Ms. Kamakshi Anantharaman	Client Engagement Manager, Quantiphi Analytics Solution Private Limited. Mumbai	Machine learning and Artificial Intelligence
7	Prof. Swati Ringe	Department of Computer Engineering, Fr. Conceicao Rodrigues College of Engineering, Bandra-west	President- IIC FrCRCE
8	Prof. Dileep Chandra	Department of Humanities, Fr. Conceicao Rodrigues College of Engineering, Bandra-west	IIC Convenor faculty
9	Prof. Kranti Wagle	Department of Electronics Engineering, Fr. Conceicao Rodrigues College of Engineering, Bandra-west	IIC Member faculty

IIC-Fr.CRCE Bandra

Top three teams were declared immediately at the end of session:

First prize Winners: Idea - "Analysis of growth and planning of urbanisation and correlated changes in natural resources" , Participants Name: Edwin clement, Joshua Noronha,

Second Prize Winners: Idea -" IOT grid" , Participants Name: Edwin Clement, Joshua Noronha, Edison Arulraj

Third Prize Winners: Idea-" Tezz Logistics", Particpants Name: Prakhar Saxena, Ashoktezz B., Atharva Mane

Shortlisted Teams

Rank	Idea-No.	Idea-No.	Theme
1	Idea-2019-16	Analysis of growth and planning of urbanisation and correlated changes in natural resources	Environment
2	Idea-2019-37	IOT grid for smart city	Others
3	Idea-2019-54	Tezz Logistics	Others
4	Idea-2019-48	PsyCare-Mental Health Analyzer and Tracker	Healthcare
5	Idea-2019-43	Fingerprint Enabled Voting System	Others
6	Idea-2019-29	Bed Management software	Healthcare
7	Idea-2019-19	Solid Waste Management	Environment
8	Idea-2019-57	SEE-SAW STRAP CLAMP	Environment
9	Idea-2019-52	Application/web pages that identifies available parking spaces.	Others
10	Idea-2019-2	Virtual Assistant for Agriculture	Agriculture
11	Idea-2019-30	SAATHI: chatbot	Healthcare
12	Idea-2019-8	Agrotech : Jute based irrigation	Agriculture
13	Idea-2019-4	Real time object detection and weather Forecasting	Agriculture
14	Idea-2019-56	Bio-inspired Robotics, Amphibians frog Robot	Others
15	Idea-2019-49	Dynamic traffic signal control system	Others
16	Idea-2019-18	Citizen Feedback on Maintenance of Roads	Environment
17	Idea-2019-41	Facial Recognition Ticket Checking	Others
18	Idea-2019-5	E-Farmer	Agriculture
19	Idea-2019-58	Energy through open gym.	Energy
20	Idea-2019-14	Aerial Water Harvesting System using Theroresponsive Electrospun Fibres and Unmanned Aerial vehicle	Environment
21	Idea-2019-33	Brain Computer Interface	Healthcare
22	Idea-2019-1	Virtual Assistant Application for farmers	Agriculture
23	Idea-2019-39	Intellectual property Facilitation Centre management	Others
24	Idea-2019-53	Smart ATM	Others
25	Idea-2019-9	Smart Battery System	Energy
26	Idea-2019-38	Block chain based certificate validation	Others
27	Idea-2019-11	Block chain enabled energy storage and distribution solution	Energy

Sample Poster of Idea Presented.

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Sample Evaluation sheet:

Fr.Conceicao Rodrigues College of Engineering
Idea Competition 2019

Reviewer(s) Feedback

ID	
Title	

(Not appropriate – 0, Most appropriate – 4)						
	0	1	2	3	4
Proposal 's suitability for the Competition					
Correlation between work done and title					
Originality					
Novelty					
Societal Impact					
Technical and Financial Feasibility					
Market Survey					

The technical content of the idea in terms of Theory is:			
Excellent	Good	Moderate	Poor

The technical content of the idea in terms of Application is:			
Excellent	Good	Moderate	Poor

Significant contribution of the idea to the theme:			
Excellent	Good	Moderate	Poor

In this proposal- English and technical writing is:			
Excellent	Good	Moderate	Poor

Overall paper rating:			
Excellent	Good	Moderate	Poor

Comments to Students (Please write legible or type and use additional sheet if necessary):

Organized By ECell-CRCE and IIC-CRCE, under MHRD, Govt. of India.

Participants Feedback Form

Fr. C. Rodrigues College of Engineering
MHRD IIC-Fr.CRCE and ECELL-CRCE presents

THE IDEA COMPETITION 2019

PARTICIPANT FEEDBACK FORM

Rate the following on scale of 5 (maximum) to 0 (minimum)

- Your overall experience of presenting in competition

- Idea Competition was up to your technical expectations

- Technical team was prompt and helpful throughout

You would like to be contacted about such similar technical events in future   YES / NO
(Tick the appropriate option)

How did you come to know about Idea Competition? (Tick the appropriate option below)

Crescendo Poster   Online Media   Friends   PR Message

Give your suggestions for improvements

Idea No and Signature:

Judges Feedback Form

Fr. C. Rodrigues College of Engineering
MHRD IIC-Fr.CRCE and ECELL-CRCE presents

THE IDEA COMPETITION 2019

FEEDBACK FORM

1. Your comments on quality of proposals presented.

2. According to you which all ideas are practically implementable?

3. Will your organization be interested in any proposal(s) and their implementation?

   ☐ Yes, we will get back to you about it.

   ☐ No.

4. Your comments on your overall experience (like infrastructure, hospitality, venue arrangements etc)

5. Suggestions for improvements

Evaluators Name: _____   Signature: _____

9 | 12

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Report on Visit to Incubation Centre SP-TBI

(9th March 2018)

The IIC council of Fr. Conceicao Rodrigues College of engineering visited the Incubation Centre of the Sardar Patel Institute of Technology of Bharatiya Vidhya Bhavan's campus in Andheri west, Mumbai on 9th March 2018. SP-TBI is an initiative of Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology and is affiliated with Department of Science and Technology, Govt of India.

The Incubation centre works as a catalyst for entrepreneurs ensuring they get the best infrastructure, technology support, seed funding, talent pool, mentoring, training and much more. They strive to make startups successful and help them in scaling new heights. SP-TBI has around 18 incubates.

More than 10 members from the council were a part of this visit. The objective of this incubation centre was to facilitate start-ups and create the environment required to do so. Mr. Kapil Kaul, Manager of SP-TBI commenced the session by explaining the motive behind the incubation centre, before putting forward a couple of examples. He narrated the example of an individual, whose intention was to bring quality education to the rural areas of Maharashtra. The individual approached the incubation centre for assistance after which she was able to help more than five thousand students across the state.

The centre has helped start-ups in different fields- mechanical engineering, education, software etc. After the introduction, Mr.Kapil Kaul invited the team to have a look at the facilities of the centre. The team was shown exhibits of products made by start-ups which the incubation centre had assisted. The team got an opportunity to see multiple innovative designs and models- from simple electronic chips to a chair made from plastic bottles! The Manager later invited the team to feel free to use their facility should anyone from the team or their classmates be in need of assistance with their start-ups in the future. The visit provided us with great insights and motivation to become future Entrepreneur. The session ended with group photos, a vote of thanks and appreciation letter to Mr.Kapil Kaul from IIC –CRCE.

Report of Webinar Session on India's First Leadership Talk Series-Episode 03

The webinar organized by MHRD's Innovation cell was a live session for "**India first leadership talk series**" by *Mr. Ajit Doval* , National security advisor was an informative and inspiring program.

Name of the event: *Webinar on **Art of Decision making** by Mr. Ajit Doval, National Security Advisor, Govt.of India.*
Date of event: **March 19th 2019**
Location of the event: *Samvaad hall of CRCE College*.
Sponsoring organisation: *MHRD Innovation Cell (MIC)*
Total of students attended: **239**
Total of Faculty members attended: **21**

In the beginning **Ms. Sakshi Ghadigaonkar** and **Ms. Anu Thomas** introduced *shri. Ajit Doval* (*National Security Advisor, Govt. of India.)* to the participants of webinar.

Webinar Summary

India Leadership Talk Series-Episode 03 webinar on "Art of Decision Making" was organized on 19th March 2019 at Fr. CRCE College in Bandra-west , sponsored by the Ministry of Human Resources Development Innovation Cell also known as MIC. The objective of the webinar was to help the young minds in making firm decisions and to impart them with the ways to deal with problems faced during the process. The one hour long session was started at 11.30AM. The students participated in huge numbers, so IIC-FrCRCE members arranged extra chairs for some of the participants. The host had compiled a list of questions among the 900 questions Posted by the students and they were mostly sensitive security issues of the nation.

The questions to Mr. Dovalji consisted of the following enquiries -

1) Psyche of a person when making a critical decision.

2) Considerations that should be given during a tough decision.

3) Some personal experiences which helped shape his psyche.

4) Future of war and terrorism in the coming years.

5) Growing use of technology in intelligence agencies.

Some of the questions which were asked are as follows-:

Question 1.

What should be the mind-set or psych of a person while making a critical decision?

The speaker replied by pointing out that each person is different and what matters is making a vital decision. The person should brace himself for the worst circumstances possible and this can be only be achieved by self confidence, enough preparations

and with a belief that whatever decision you have made is correct. You should be ready to improvise based on the consequences with the help of a contingency plan.

Question 2.

What considerations do you take while making a tough decision which may have long term repercussions?

The speaker answered this question with the example of the Kashmir issue and how it could have been resolved in the bud. Tough decisions should be taken only after doing an objective analysis of the circumstances, problems, resources, etc. The state of mind should also be calm and clear. Then we should make a list of solutions or options to the problem and choose the one which is most cost effective and fulfils the objectives.

Question 3.

Would you like to share with us some experiences of yours which has helped in developing your psyche?

The speaker shared his experience of childhood. Being a loner, he had developed a sense of self dependency and lead to the rise of a never give up attitude in him. Even his coach in boxing used to praise him in his unique quality of never giving up. No matter how many times he was beaten or bruised, he would never come out of the ring. According to the speaker, his level of tolerance is high and this is what made him different from others. According to him, there may be many circumstances in life which may affect your psyche; what matters is how you respond to that situation.

Question 4.

In this era of technology, what do you think the future of war and terrorism would be?

According to the speaker, the wars in future will be conducted in other ways instead of the conventional way because it has become unaffordable due to invention of various weapons of mass destruction. As for terrorism it has become easier for terrorists to infiltrate a nation due to increase in technology and hence it has become very important to come up with various means to cope up with these factors.

Question 5.

Do you think that various technologies produced by today's youth are taken up by the intelligence agencies as shown in the movie Uri?

The speaker replied that the intelligence agencies like NSA have their own technology to use and even if they plan to undertake a idea from a person, it would be done in secrecy, having no idea on who and why they have undertaken the technology. According to him, the most important part is that the students keep on finding innovative solutions as they are the building blocks of the nation.

Question 6.

What advice would you like to give to the students in helping the nation become a safe and secure place?

According to the speaker, the current youth is knowledgeable enough for the need of any tips. He only had one advice to give and it was that the person should remember his identity as an Indian and should be proud enough to be an Indian without being a selfish one who only cares about himself.

The session ended at 12.30PM and it was equally appreciated by all the students which can be seen by the huge applause given by the audience at the end.

Feedback from an IIC student member:

It was an inspiring session that helped us to understand about an Art of Decision Making. The speaker threw light upon questions like how to achieve objectives and how to select options. Decisions taken are never wrong or right. It is the way you execute or work towards it makes the difference. Some of the quotes used by speaker were

"Taking right decision is not as important as making the decision right"

"Validate your assumptions. Always!"

"Every day in your life is the first day of your life"

ELNINO ROSARIO
TE Electronics, Fr.CRCE Bandra-west
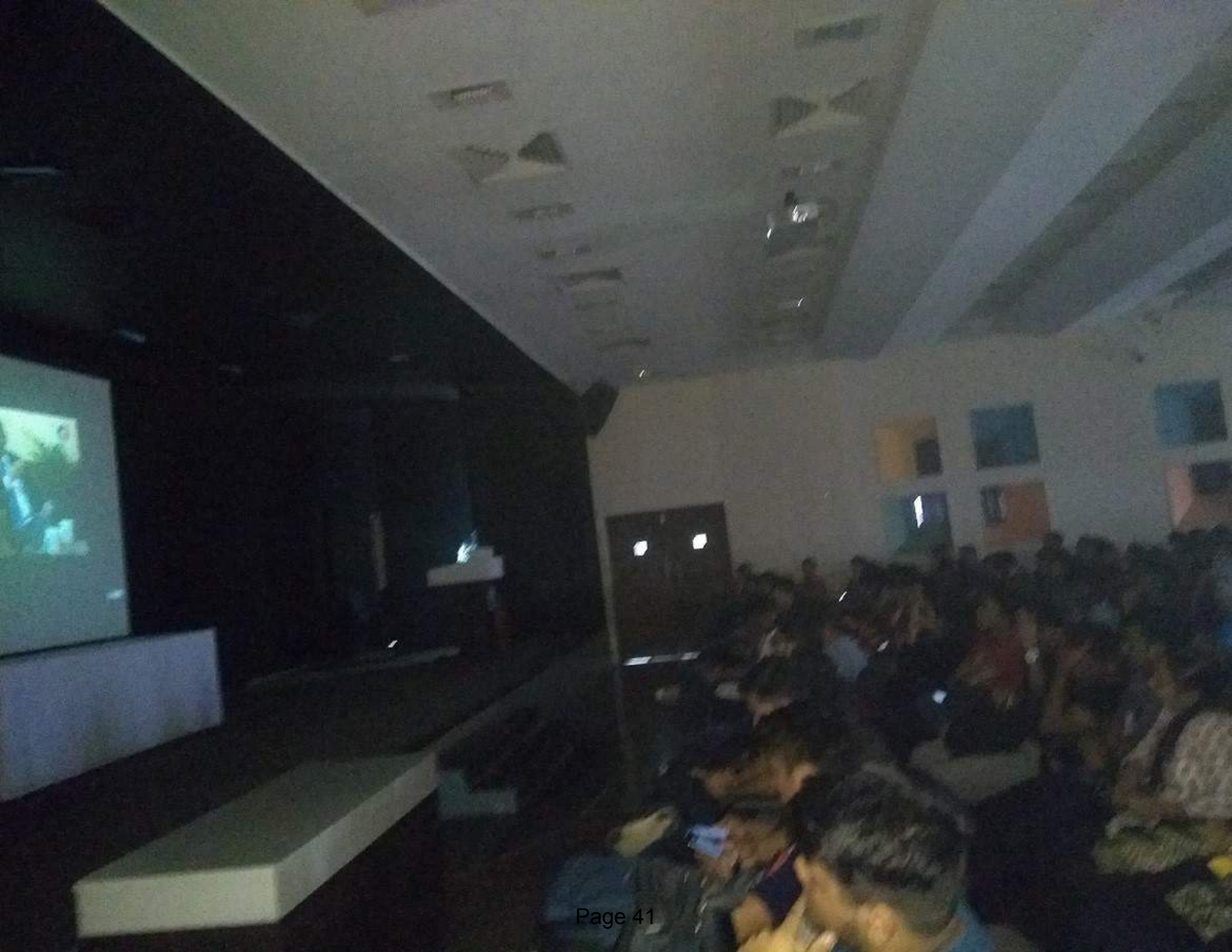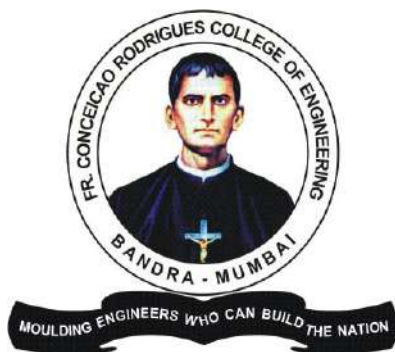
Institution Innovation Council

(IIC-FRCRCE)
Session on
"IPR for Faculty and Students"

Date: 10th Jan 2019   Time: 10.30-12.30

By

Dr. Bhushan Patil

Dean Research- Fr. CRCE

Post event summary report

Name of the Event: *Workshop on IPR By Dr.BhushanPatil*

Date of Event: *January 10th 2019*

Location of the event: *Samvaad Auditorium of Fr.CRCE College*.

Event organized by: *MHRD Innovation Cell (MIC)*

Total % of students attended:

Total % of Faculty members attended:

Seminar summary

On January 10th, an interactive and informative workshop on Intellectual Property Rights(IPR) conducted by Dr.Bhushanpatil (Professor and dean of Research and Development of Fr.CRCE College) was organized at Fr. CRCE College in Bandraby the Maharashtra Human Resources Development Innovation cell also known as MIC; whose objectives are to create a vibrant innovative ecosystem by encouraging and inspiring innovations and thus develop better cognitive development in technological students.

The two hour long workshop attended by almost every student and faculty members of the Third Year of Engineering started at 10.30 am. It was based on the importance of IPR, its types,etc. The speaker began first by pointing out the difference between intellectual property and intellectual property rights followed by explaining the different types of intellectual property rights like Copyright, Patents, Trademarks,etc. Each of the 8 IPRs explained individually with examples and a casual language for its easy understanding made it a fun experience. The main focus of this workshop was to explain to the students the process of filling a patent and the conditions required for it. The students were encouraged to make at least one innovative invention which is patentable as he said ," The progress of a countrydepends upon its technology and who else to expect it if not from you students of the technical field". The laws regarding

IPR and function of the national body which protects it was also briefly explained by the speaker.

The workshop ended at 12.15 after which the various inquiries of students regarding the IPR and topics related to it were answered by the speakerwho was later designated with a letter of appreciation by the council and a grand applause from the students.

Report of Offline Session on IPR for faculty and students

Seminar on **"Intellectual Property Rights"** for faculty members and students was proposed by MIC and organized by IIC-FrCRCE at Father Conceicao Rodrigues College of Engineering Bandra on 10th January 2019 at 10.30AM to 12.30PM in the auditorium Samvad. **Dr. Bhushan Patil, Dean Research, Fr.C.R.C.E. bandra** was the speaker for the event. The session was attended by 28 faculty members and 209 students from all the branches enthusiastically. The session was conducted with many real life examples.

Summary of Dr. Bhushan Patil's seminar is as follows:

Intellectual property is any type of property that's a result of one's creativity. It is only when an individual reveals his invention to the public and is awarded a patent that he/she becomes eligible to exploit the IPRs for his/her invention.

A nine-year-old child from Rajasthan invented a 6-player chess game. Hence, being granted a patent is "irrespective of age".

Two songs were played, one by Kumar Sanu and the other by Mohammed Rafi. However, the latter ignored copyrights.

Plagiarism, photocopying and republishing are a few examples of copyright infringement.

The different types of IPRs are as follows:

Trademarks: Examples of violations were shown - that of widely recognised consumer goods "lays" and "bisleri" as against fake brand "legs" and "biloori" respectively.

Patent: this is an IPR granted to someone who discloses his invention. An application for patent must meet following criteria:

- Invention is "novel", and that the product has not already been patented.
- Whether the invention is "industrially reproducible".

Conditions for approval

- Patent shall not be given if two or more products already patented are combined to produce a new product. With no new or additional function.
- Term of Patent is 20 years after which it becomes available to the public.

Copyrights: These are IPRs that impose restrictions on copying literary, dramatic and artistic works.

Plagiarism and photocopying are falling under this category. If a person is found guilty of plagiarism, it could lead to cancellation of the copied work.

- The duration of copyrights is the lifetime of the author + sixty years for literary, dramatic and artistic works and sixty years from the date of publishing for anonymous, posthumous, sound records etc.
- An example of the importance of the need to file for copyrights was given in Kumar Sanu and Mohammed Rafi case. The latter did not enforce his copyrights, while Kumar Sanu did so.

Geographical Indication: These are IPRs that are for protecting the interest of local communities.

- Examples of geographical indications are Kolhapuri chapals which are made in Kolhapur and Darjeeling tea.
- The term of a GI is 10 years and can be renewed.

Trade Secret: These are secrets that unlike other IPRs are NOT revealed to the public.

- Examples are agreements between a company and the company heads to keep the "formulas" of the company's products confidential.

The need for IPRs is to incentivise Research and new product development. If there are no IPRs, new products, technology, other creative products would be copied by others and the Inventor or Creator of any new works cannot profit from his or her creation. Consequently, people and organizations will not invest "time and resources" into research.

In today's world, there is a growing demand for better technology. This new technology can only be achieved through investing in research. Hence the need for protection of one's intellectual property.

This session received a very good Participation from students and Faculty Members. Students and Faculties interacted proactively with the speaker.

The session was concluded with vote of Thanks and appreciation Letter given by our IIC President Prof.Swati Ringe.

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Fr. Agnel Ashram, Bandstand, Bandra (W) – 400050
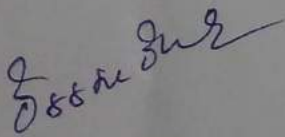
Department of Production Engineering

NOTICE

Department of production engineering is organising skill development courses in following subjects.

- Motion Analysis using Solidworks
- Manufacturing System Analysis using Arena
- CNC Operations and Programming

Interested candidates are hereby notified to register for the course.

D. S. S. Sudhakar

(H.O.D. – Production Engg.)

Fr. Conceicao Rodrigues College of Engineering, Bandra
Department of Production Engineering

Skill Development Course on Motion Analysis
(S.E. Production)

Course Faculty: Ketaki Joshi & Hitendra Vaishnav

Roll No.	Name of Student	7/01/19	8/01/19	9/01/19	10/01/19	11/01/19	19/01/19
8234	Kanan B. Shah						
8197	Alden J. Fernandes						
8195	Raj Dungrani						
8243	Komal Sudrik						
8221	Abhay Pandey						
8207	JERTIN BENO						
8241	Uday Srivastav						
8245	Dhoumil Thaker						
8194	Aldrich D'souza						
8225	Yash J. Pawar						
8247	Kedar K. Vaze						
8215	Khushi Mehta						
8193	Pradnyesh Dawal						
8191	Rachit Dhond						
8449	Roshan Raykar						
8441	Rownak Singh Buttar						
8244	Surana Chirayu Pramod						

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Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050.
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Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

IEEE CRCE
Branch Code: STB40351

CRCE

Technical Project Presentation Competition

15th March 2019, FRCRCE

IEEE-WIE CRCE

CRESCENDO, a technical fest that is organised in FRCRCE every year, each council organises an event for this fest. Similarly, IEEE CRCE organised a technical project presentation competition for this fest, students from various engineering colleges across the city display their unique projects. This year was no different, 93 teams displayed their respective projects in this competition.
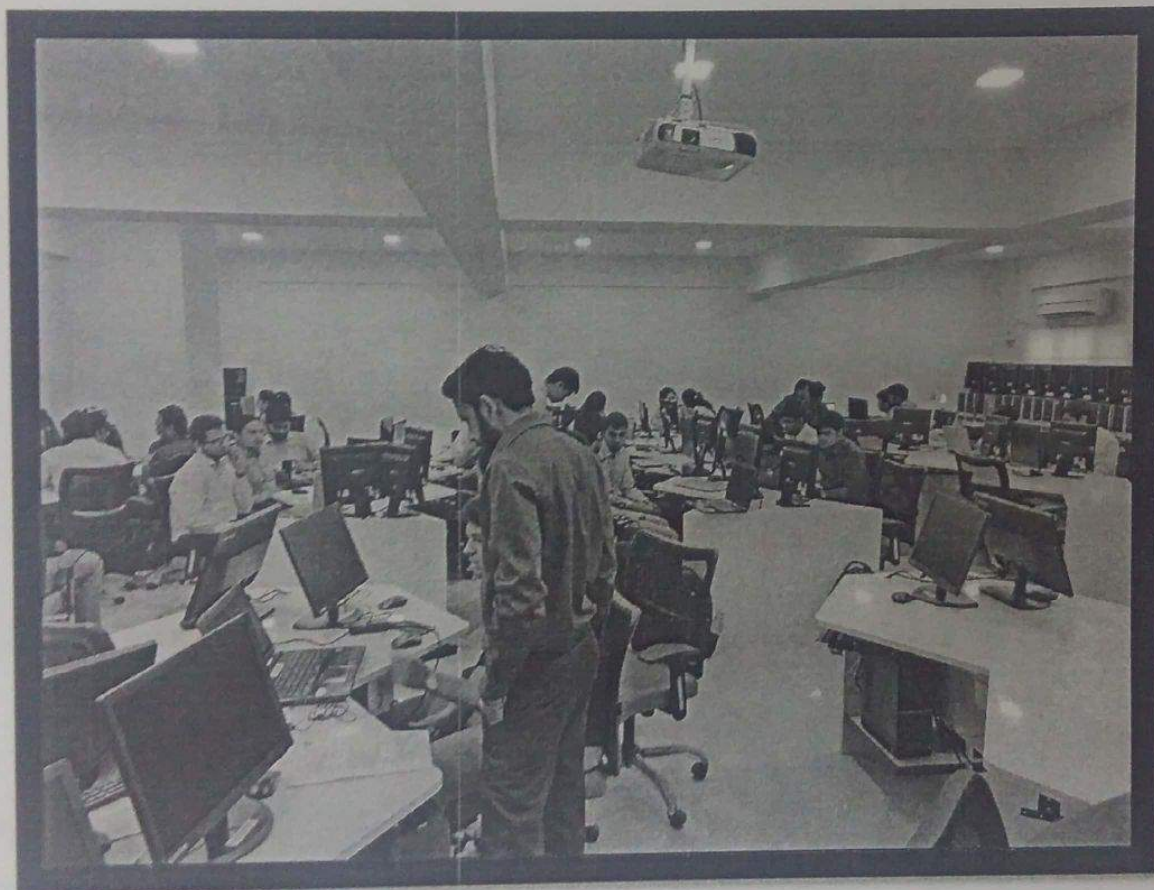
Teams setting up their projects.

The competition was categorized into two categories: Software and Hardware. Furthermore, the competition is separated into degree and diploma sections. The projects were based on smart communication, Healthcare & Biomedical, Robotics & drones and many more. The competition started around 11:00am, after the teams set-up their respective projects the judges started the judging of

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IEEE CRCE
Branch Code: STB60351

CRCE

projects. The judging was based on the idea, implementation, and presentation skills and based on the overall project. Two judges each judged the projects from each section and category. There were projects like Rubik's cube solver using machine vision, Street Light for Smart Cities, Defense mechanism using image processing and other such innovative projects.

Participants presenting their Project

After judging, judges shared their views on the projects they judged, after comparing their marks and views finally winners were decided for each category. The participants were very much excited while waiting for the results. Before the winners were announced, each judge shared their views with the participants and wished them for their futures. Winners were awarded with prize money and certificates. Similarly, participating teams were give participation certificates. Above all each participants earned valuable experience. The Project presentation Competition was a huge success. The competition received an overwhelming response.

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Branch Code: STB60351

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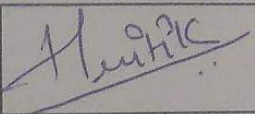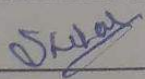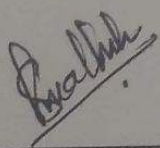
Reported by Aditya Daripkar.

(IEEE-WIE Documentation Head).
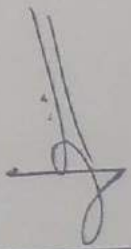
Prof. Parshvi shah
(Branch Counselor)

ROOM NO. : 306
VENUE :- 1   LAB:- 1B

(Diploma Hardware)

NAME	Project Title	COLLEGE	Year	TEAM ID	signature
Tejas Prakash Patankar Sanskruti Sandip Pawase Namita Sudam Kambali Sagar Suresh Khaire	Voice Based Guidance Stick For Blind People.	St. Xavier's Technical Institute	Final Year	B-01	
Shoumik nath Jaynarayan vaishnav	Hand gestures on computer using Arduino	Bhausaheb vartak polytechnic	3	B-02	
Rutwik Nerkar	EARTHQUAKE SAFETY BED	Thakur polytechnic	Third year	B-03	
Shivam londhe Shridhar panigrahy	Shah and anchor kutchhi polytechnic	Wireless noticeboard using gsm and arduino	3	B-04	
SAMIKSHA GANPATHI DODDAMANE	Touchscreen based odering system	Thakur polytechnic	Third year	B-05	
Praful kengar Pravin kuddupudi Aatish Mhaske Aniket kadam	Motion based message conveyer	Shah and anchor kutchhi polytechnic	3	B-06	

ROOM NO. : 307
VENUE :- 2   LAB:- 2B

NAME	Project Title	COLLEGE	Year	TEAM ID	signature
Hritik Maurya,Shefali Bajpayee	Smart Garage Door Opener	Vivekananda education society polytechnic	3rd	B-9	
Ankita Prakash kadam	SMART ROAD	Maratha madhir Babasaheb gawde institute of technology	3	B-10	
Sheetal Kamble	Coin Based Universal Mobile Battery Charger	Shah and Anchor Kutchhi Polytechnic	3	B-11	
Vidhi Shah Sakshi Madkholkar Ketaki Keluskar Shyam Nagichetty	FRIDGE-O-MATIC	Thakur Polytechnic	Third year	B-12	
Prajwal shingte Avinash kadam Sameer satpute Arjun ashokan	CNC plotter using ATMEL328 microcontroller and processor3	Dr. D.Y. Patil Polytechnic nerul navi mumbai 400706.	3rd	B-13	

LAB INCHARGE:-   JOEL ALDEN

ON SPOT REGISTRATIONS

NAME	PROJECT NAME	College name	branch name	Room number	Team ID	signature
(1) -Vaibhav Tiwari -Vaidehi shelar -Lidiyea dominic	Smart Home	Father agnel Vashi	Extc	~~A33~~ 201	A 33	
-ayushi raina - -						
-Magdeline James -Niel Shah -Hitashi tomya kunal karande	Integlig-ens Bus Monitoring	Shah & ANCHOR	Extc	201	A34	
-Maitreya pawar -shivani Nagrane -Pritikumari	Capus Payment using smart card	SNDT-(UMIT)	Electronics & Communication	108	C-13	
-Tejas Pagare -Pooja karande -Akshaykumar Chavan	under-5 ground cable fault	Shah & ANCHOR	Extc	201	A35	
-Mayuri Salve - -	detection using Ardino					

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ON SPOT REGISTRATIONS

NAME	PROJECT NAME	College name	branch name	Room number	Team ID	signature
- Sarang Muzammil - Rayyan Siddique - Amjad Afaf. - Shaheen Ansari.	Automatic gray cutter	BGIT	ExTc	~~Language lab~~ 306		ℚℓ· *on spot*
- Ansari Armaan - Arun Verma - Sheikh Abdullah	Wireless notice board	BGIT	ExTc	306.		Armaan ~~ESheikh~~ *on spot*
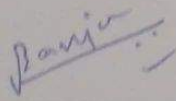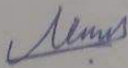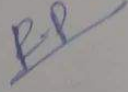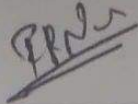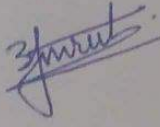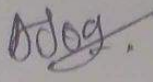
LAB : COMPUTER CENTRE (108)
VENUE: 1   LAB:1BC

NAME	Project Title	COLLEGE	Year	TEAM ID	signature
Vijay Banerjee, Jui Telavane, Pooja Gaikwad, Pallavi Vartak	Detection of Cyberbullying using Deep Neural Network	VIVA institute of technology	2019	C-1	*(signature)*
Harshit Rai Vishwas Singh Lalit Sinnarkar Vinay Vishwakarma	Explicit Content Censor (ECC)	FCRIT, Vashi	B.E.	C-2	
JAYA PRASAD HUMERA KHAN	ANTI-PLAGIARISM SOFTWARE	FCRIT, VASHI	TY	C-3	*(signature)*
Swapnaja Limkar , Austin Dsouza, Ayushi bhatnagar	Java virtual machine on FPGA	FRCRCE	BE	C-4	
Mayur Dhanraj Pawar Pradnyesh Ramakant Patil Rahul Sanjay Patil	FPGA Implementation of Complex Number Multiplication using Vedic mathematics	Ramrao Adik Institute of Technology	BE	C-5	*(signature)*
Amit Chowdhury Rohit Phadke Balaji Dange	Language Identification using GPU computation	Ramrao Adik Institute of Technology	BE	C-6	*(signature)*
Amit Kawad(Team Leader) Moksh Khajanchi Ambarish Patankar	Financial Planner and Asset Allocation using Machine Learning	Fr. Conceicao Rodrigues College Of Engineering	B.E	C-7	*(signature)*
Aniket Sonavane Shubham Parakh Prabha Choudhary Atharva Rishi	Gujarati Script Recognition	FCRIT-Vashi	BE	C-8	*(signature)*
Bhanugoban Nadar, Shweta Kadam	Smart chatBot: SQL query prediction using Sketch Syntax and Seq2Seq	Father Conceicao Rodrigues college of Engineering	BE	C-9	*(signature)*
Amruta Shah Rini Ratnakar Surabhi Shanbhag	A method to compute Mean-Squared Error for images using Urdhva Tiryagbhyam Vedic Sutra	Ramrao Adik Institute of Technology, Navi Mumbai	BE	C-10	*(signature)*
Ashish Hemant Jog Omkar Anil Jugade Atharva Shrikant kadegaonkar	Underwater Image Enhancement using novel Wavelet Based Fusion	Ramrao Adik Institute of Technology	Final Year	C-11	*(signature)*

**LAB INCHARGE   :-   SWAROOP**
KOMAL
NIHAL
KHUSHI

LAB : COMPUTER CENTRE (108)
VENUE: 1   LAB:1C

NAME	Project Title	COLLEGE	Year	TEAM ID	signature
Edwin clement Joshua noronha Ruth peter Christine Tharian Joann Tharian	Analysis of growth and planning of urbanization and corresponding change in natural resources	Fr crce	BE	C-12	
Preeti Kumari ,Maitreya Pawar, Shivani Nagrale	Campus Payment System Using Smart cards	Usha Mittal Institute of Technology	Final year	C-13	
SAGAR PANCHAL OMKAR NAVALKAR PRASAD JADHAV	Automated Solar Tracking System for Efficient Energy Utilisation.	VIVA Institute of Technology	B.E. EXTC	C-14	
SOHAM NAIK OMKAR BHUSHANKAR NILAY BIRMOLE AKSHAY ATHWALE	SMART NUMBER PLATE RECOGNITION AND TOLL DEDUCTION	VIVA Institute of technology	BE EXTC	C-15	
SUMIT MONDAL SHASHWAT MISHRA ANUJ GUPTA MAYURESH PAWAR	FACE DETECTION AND RECOGNITION USING NEURAL NETWORKS	VIVA INSTITUTE OF TECHNOLOGY	BE EXTC	C-16	
edwin clement ruth peter joshua noronha edison arulraj	Street Light for Smart cities	fr.conceicao rodrigues college of engineering	fourth and third year	C-17	
Shweta Yadav Viraj Kadam Rohan Parange Roshni Jaiswar	Bus Tracking System Without using GPS	Xavier Institute of Engineering	Final year(BE)	C-18	
Pratik Chowdhury Arpita Isaac Elvis Dsouza	Presenting Obstacles Around An Aerodrome	Fr Conceicao Rodrigues College of Engineering	Second	C-19	
Pratik Chowdhury Arpita Isaac Rahim Chunara Mahesh Desai	Smart Monitor	Fr. Conceicao Rodrigues College of Engineering	Second Year	C-20	
MAYUR SHAH ANIL PANDEY RONAK GALA	Android Based Online Student Railway Concession Application	SAKD	TY	C-2B	

LAB INCHARGE :- SWAROOP
KOMAL
NIHAL
KHUSHI
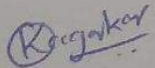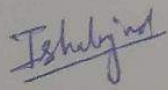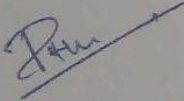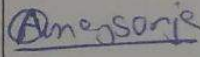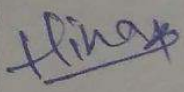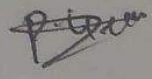
LAB : VLSI (211)
VENUE: 2   LAB :2C

NAME	Project Title	COLLEGE	Year	TEAM ID	signature
Ankit Jain, Suranjan Mhashilkar, Meraj Shaikh	"YANAKA" A Digitize RTO Document Verification System	VIVA Institute of Technology	Degree	C-21	*mbotd*
Shweta Yadav Viraj Kadam Rohan Parange Roshni Jaiswar	Bus Tracking System Without using GPS	Xavier Institute of Engineering	Degree	C-22	
Priyanka Crawarie. Nayan shah William Michael Dipchand Maniya Darshana Moue	Emergency Tracer	Shah & Anchor Kutchhi Polytechnic	TY diploma	C-23	*Anil*
SIDDHI SANKPAL Prathamas Dhas Amey Nagotkar Bhavesh Sadawarti	FPGA BASED BRAILLE KEYBOARD FOR BLINF PERSON	BABA SAHEB GAWDE INSTITUTE OF TECHNOLOGY	TY diploma	C-24	
Rishabh.S.Singh Srikant.V.Kamath Priyal Dumralia Kesha Mehta	E-Mate	Thakur Polytechnic	TY diploma	C-25	*Rishabh*
Tanushka Mishra	AutismExpress	Shah and Anchor kutchhi polytechnic	TY diploma	C-26	*TANUSHKA*
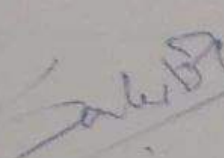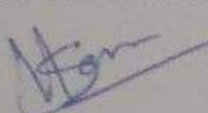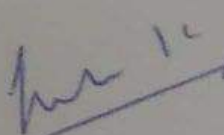
LAB INCHARGE   :-   SWAROOP
                      KOMAL
                      NIHAL
                      KHUSHI

LAB : DIGITAL ELECTRONICS AND COMMUNICATION LAB(303)

VENUE :- 1 LAB :- ' 1A '
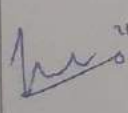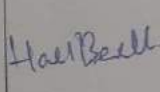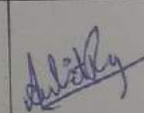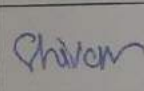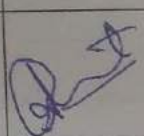
NAME	PROJECT NAME	COLLEGE NAME	BRANCH NAME	TEAM ID	SIGNATURE
PRANALI SHIVAJI BHOITE	SEKTROO : SMART AUTOMATED PESTICIDE SPRINKLING BOT	VIVA	BE	A-01	
SHWETA MELAVANE ISHA LANJWAL	DC TO DC BOOST CONVERTER USING MICROCONTROLLER	SPIT	BE	A-02	
PARTH THANEKAR PRACHI SHEDGE AJINKYA GIRI	RUBIK'S CUBE SOLVER USING MACHINE VISION	RAIT	SE	A-03	
AMEY SONJE AMOGH GAJARE YOGESH TEMBE	UNDERGROUND ELECTRICAL CABLE FAULT DETECTION AND INSPECTION ROBOT	UNDERGROUND ELECTRICAL CABLE FAULT DETECTION AND INSPECTION ROBOT	SE	A-04	
SANHITA VICHARE	HEALTH MONITORING SYSTEM USING GSM	KC COLLEGE	BE-ELECTRONICS AND TELECOMMUNICATIONS	A-05	
PRACHI YERAM ,CLINTON D'SOUZA, OMKAR SWAMI, SHOBIN THOMAS	SMART GLOVES	FCRIT, VASHI	TE	A-06	

LAB INCHARGE :

PROJECT NAME	COLLEGE NAME	BRANCH NAME	TEAM ID	SIGNATURE
AGRI-FI COPTER WITH AV TRANSMISSION AND PAYLOAD DROPING SYSTEM	VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY	SE	A-07	
MULTIFUNCTION SIGNAL GENERATOR	SPIT	TE	A-08	
CHARANATRA: AN INNOVATIVE SMART ASSISTANCE FOOTWEAR FOR VISUALLY IMPAIRED PEOPLE	VIVA INSTITUTE OF TECHNOLOGY	BE-ELECTRONICS AND TELECOMMUNICATION	A-09	
SMART HOME AUTOMATION SYSTEM USING IOT	THEEM	TE	A-10	
SIMULATION OF SMALL PUNCH TEST AT ROOM & CRYOGENIC TEMPERATURES	FR. CONCEICAO RODRIGUES INSTITUTE OF TECHNOLOGY	BE	A-11	

LAB : PCB LAB (309)
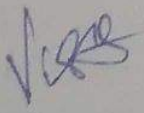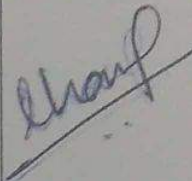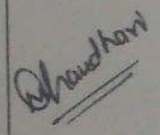
VENUE :- 3 LAB :- ' 3A "

NAME	PROJECT NAME	COLLEGE NAME	BRANCH NAME	TEAM ID	SIGNATURE
1. LIBIN KALEECKAL 2. ABRAR UPADHYE 3. EDWIN VINCENT	FAULT DETECTION IN CENTRIFUGAL PUMPS USING VIBRATION ANALYSIS AND ARTIFICIAL NEURAL NETWORKS	FR. CONCEICAO RODRIGUES INSTITUTE OF TECHNOLOGY	BE	A-13	
CRISPIN LOBO SARFARAJ PRADEEP TI GUPTA HARSH BENHALK AR	SMART FARM ASSISTANT	DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING		A-14	
ANKIT,SH UBHANGI, PRIYA	IOT BASED SMART GARBAGE MONITORING SYSTEM	AC PATIL COLLEGE OF ENGINEERING	SE	A-15	
SHIVAM SHRIVAST AV, AKASH PUJARI, VIKRAM PATIL, ATHARV JOSHI	VOICE CONTROLLED CAR	XAVIER INSTITUTE OF ENGINEERING	SE	A-16	
TECH BULLS	HYDROPONIC SYSTEM WITH ARTIFICIAL SUNLIGHT	UNIVERSAL COLLEGE OF ENGINEERING	TE	A-17	
1.ANIKET PATIL 2.ROHAN PATIL 3.BHUSHA N PANGAM	POWER QUALITY IMPROVEMENT STRATEGIES AND TECHNIQUES USING HARMONIC FILTER	ATHARVA COLLEGE OF ENGINEERING	BE	A-18	

LAB INCHARGE :

LAB : DIGITAL ROBOTICS AND AUTOMATION LAB(310)
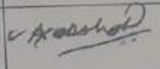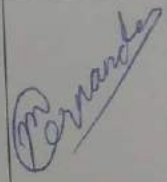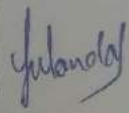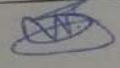
VENUE :- 4 LAB :- ' 4A'

NAME	PROJECT NAME	COLLEGE NAME	BRANCH NAME	TEAM ID	SIGNATURE
VISHAL SONI ADITI CHAPLOT SMIT PARMAR	SMART FARM	UNIVERSAL COLLEGE OF ENGINEERING	TE	A-19	
JOVAN MENEZES, BHAVIK PANCHAL, SHUBHANKAR DAS	DEVELOPMENT OF AUTONOMOUS HEXAPOD ROBOT FOR MAPPING AND NAVIGATION	FR. CONCEICAO RODRIGUES INSTITUTE OF TECHNOLOGY, VASHI	BE	A-20	
SHRIKRISHNA PAI ATHARVA GHODEGAONKAR SAKTHIVEL NADAR TEJAS KOTHAWADE	DISH SERVING AND COLLECTOR BOT IN A RESTAURANT	VIVEKANAND EDUCATIONAL SOCIETY INSTITUTE OF TECHNOLOGY	SE	A-21	
POOJA BISHT, DIPANJALI GAVIT, PALLAVI SAKHARE	FINGERPRINT BASED LICENCE VALIDATION SYSTEM FOR DRIVING	USHA MITTAL INSTITUTE OF TECHNOLOGY	BE	A-22	
MOHITOSH CHAUDHARI JAGRUT JADHAV RAHUL CHANDAN SNEHAL BONDRE	DEFENCE MECHANISM USING IMAGE PROCESSING	RAMRAO ADIK INSTITUTE OF TECHNOLOGY	TE	A-23	
JOSEPH PATOLE CHINMAY MORE GAURAV KOLAPATE	SECURITY SYSTEM AND AUTOMATION USING RASPBERRY PI	FR. CRCE	BE	A-24	

LAB INCHARGE :-

CLASS ROOM NO. :- 302

VENUE :- 5 LAB :- ' 5A'

NAME	PROJECT NAME	COLLEGE NAME	BRANCH NAME	TEAM ID	SIGNATURE
Prashant Singh Aman Takshak Tahmeena Solkar Tejashri Kakde	Portable Attendance System	Viva institute of technology	BE	A-25	
DEEPAK PANDEY VAISHNAVI PAWAR BHAVIKA PATIL SONAL PATIL	FM RADIO STATION USING RASPBERRY PI3	VIVA INSTITUTE OF TECHNLOGY	BE	A-26	
Fernandes Mark Maxi Jacob Mathew Rohit V. Marathon Anand Namboothiri	AC Chiller Plant Prototype	Fr. Conceicao Rodrigues College Of Engineering	SE	A-27	
ATUL YADAV SUMAN MONDAL OMKAR PATIL SHUBHAM TIWARI	LORA COMMUNICATION	VIVA INSTITUTE OF TECHNOLOGY	BE	A-28	
Intelligent	Vehicle black box using micro controller	Viva institute of technology	BE	A-29	
Shravan Deepak Singh, Vedant Parag Mahajan	ELECTRONIC TOLL BOOTH	Xavier institute of engineering	SE	A-30	

LAB INCHARGE :-

IEEE – WIE (FR. CRCE) INDUSTRIAL &EDUCATIONAL VISIT REPORT

AUTOLITE INDIA LIMITED
KANSARA BEARINGS LIMITED
WINDMILLS CO
DIVYA SWITCHGEAR

27TH DECEMBER 2018
TO
3RD JANUARY 2019

IEEE – WIE (Fr. CRCE) Industrial Visit Report
Autolite India Limited-Windmills-Divya Switchgear-Kansara Bearings
Limited-Rajasthan

IEEE – WIE INDUSTRIAL VISIT

1. Overview & Details

Type of Visit	Industrial Visit (IV) and Educational Visit
Name of Industries Visited	• Autolite India Limited • DivyaSwitchGear • Kansara Bearing Limited
Industry Specialization	• Autolite Limited Manufactures Halogen Bulbs, LED lamps, Head lamps etc. • DivyaSwitchGear Manufactures various electronic components like special purpose panels, electrical distribution panel etc • Kansara Bearing produces Taper, Cylindrical, Thrust, Spherical rollers
Name of site for Educational Visit	• Windmills
Staff Members & Student Details for the Visit	Prof. HeenaPendhari ,Dr.Joseph Rodrigues & a total of 24 students from S.E. & T.E. Divisions of Electronics Engineering
Dates / Duration	27th December 2018 to 3rd January 2019 (8 days)

IEEE – WIE (Fr. CRCE) Industrial Visit Report
Autolite India Limited-Windmills-Divya Switchgear-Kansara Bearings
Limited-Rajasthan

2. Motivation for Industrial & Educational Visit

Industrial visits are an integral part of engineering. The purpose of industrial visit for students is to provide technical knowledge, to learn more about the technological development in the industry, and to understand the gapbetween the theoretical and practical knowledge that could be passed in future.

This experience can help students to provided information regarding functioning of various industries and associated problems andlimitations. Interacting with industries helps in enhancing interpersonal skills and in understanding do's and don't's in industries.

3. Visit toAutolite India Limited.

The group departed to Jaipur via train on 27th December 2018 and after the long and eventful journey, reached Jaipur in the morning. After checking in the hotel and freshening up, the group reached the premises of **Autolite India Limited**.

A senior member from the HR department welcomed the group. After briefing the group about what the company specializes in, the group was split in two teams and then guided to the manufacturing and assembly division of the plant. The first thing the group saw after entering the plant was an array of fully automated machines. The production of the halogen bulbs was separated in two section, the manufacturing and assembly section. It takes about 40 steps for manufacturing a halogen bulb. Each step had a separate machine for it. Moreover, each step went through strict quality control, ensuring the best quality products for the customer. The visit helped students understand the organisation and functioning of the manufacturing unit for Halogen bulbs.

The visit was very enlightening for the students.At the end of the sessionthe head of HR department of Autolite was honoured by Dr.Joseph Rodrigues and Prof.HeenaPendhari with an appreciation letter and memento.After that the students visited Meenabazzar for shopping on the next day the visited Amer Fort, JantarMantar, City Palace .The group left for Jaiselmer with happy memories.

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Autolite India Limited-Windmills-Divya Switchgear-Kansara Bearings
Limited-Rajasthan

Visit to Autolite Limited, Jaipur

At City Palace, Jaipur

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Autolite India Limited-Windmills-Divya Switchgear-Kansara Bearings
Limited-Rajasthan

Page 75

4. Windmills

On 30th December 2018 the group reached Jaisalmer in the morning they had their stay in Swiss Tents on that day. The group relished the experience of desert safari on camels, night safari and traditional folk dance.

On the next day the group visited the Wind Park. The students learned about the cost of instalment of windmills, how much power is generated by a single windmill, how a windmill works and much more. The students also learned that engineers maintain each windmilldaily, windmills can also be leased.

Overallit was a very informative visit. After having an amazing experience at Jaisalmer the group left for Jodhpur.

Visit to Windmills, Jaisalmer

IEEE – WIE (Fr. CRCE) Industrial Visit Report
Autolite India Limited-Windmills-Divya Switchgear-Kansara Bearings
Limited-Rajasthan

At

Kuldhara, Jaisalmer

5. **Divya Switchgears**

On 2nd January 2019 after having their breakfast the group had an industrial visit to *DivyaSwitchGears*.Divya Switchgear is reckoned as an eminent Manufacturer and Supplier of Electrical Components. We offer a wide range of high performing products that includes Junction Boxes, Electric Control Panels, Special Purpose Panels, Auto Transformer, and many more.

In DivyaSwitchGears Students were introduced to different to working and manufacturing of different control panels. Most of the plant had pre made electronic components, whichwere being assembled by the workers. The group was guided by the in-charge of the plant. He showed them the complete working of an electrical distribution panel,Auto transformer starter panel and a few other of their products.

At the end of the visit, student s got a chance to discuss with the engineers. It was an amazing experience that provided the students with exposure to an electronic component manufacturing industry. After honouring the in charge of the company, the group moved towards the next industry.

IEEE – WIE (Fr. CRCE) Industrial Visit Report
Autolite India Limited-Windmills-Divya Switchgear-Kansara Bearings
Limited-Rajasthan

Visit to DivyaSwitchGear, Jodhpur
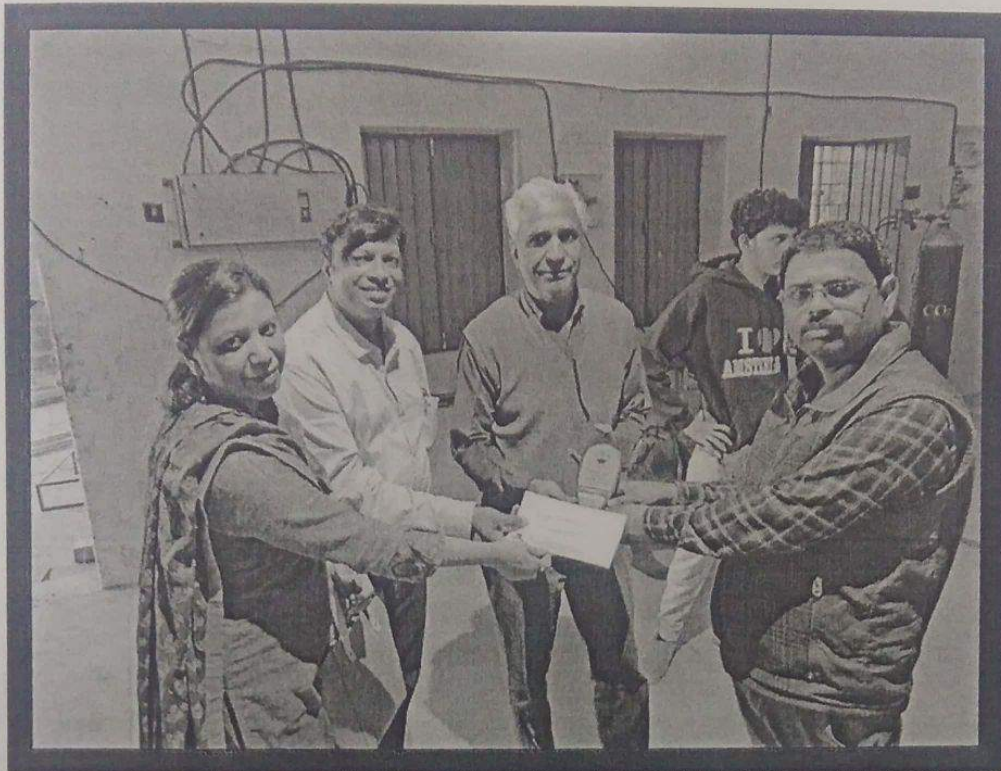
At Mehrangarh Fort, Jodhpur

6. Kansara Bearings Limited

IEEE – WIE (Fr. CRCE) Industrial Visit Report
Autolite India Limited-Windmills-Divya Switchgear-Kansara Bearings
Limited-Rajasthan

After visiting DivyaSwitchGears the group moved towards Kansa Bearing Limited.**Kansara Bearings Limited** is asuper-specialist and professionally managed organization committed to manufacturing high-precision world-class rollers for bearings. KansaraBearingshad the biggest plant of the industries visited by the group.The company also exports most of its products to foreign countries like Germany, Spain, France . The students were first introducedto the concept of bearings. It is a very simple components but it has many applications in machines having high load and low rpm.

Kansara bearing manufactures Taper, Cylindrical, Thrust, Spherical rollers. Among all this different types of rollers, Taper rollers is the forte of Kansara Bearing. Even if it is a very small part, it goes through many steps before it is packed and delivered like Sourcing Raw Material, Design & Tooling, Cold Forging, Heat Treatment, Grinding and Packaging.

One of the most important lessons the group learned is from what the manager of the plant said, which is **'You cannot win tomorrow using yesterday's tools'** ,he added that similarly you have to improve your knowledge to prepare for the future.
The Visit at Kansara was very fruitful for the students. After honouring the manger for their hospitability the group left for jodhpur station for their return journey back to Mumbai.

Visit to Kansa Bearings Limited, Jodhpur

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Autolite India Limited-Windmills-Divya Switchgear-Kansara Bearings Limited-Rajasthan

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Autolite India Limited-Windmills-Divya Switchgear-Kansara Bearings
Limited-Rajasthan
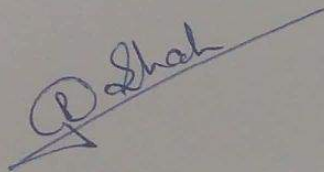
7. **Conclusion & Acknowledgement**

The visits to the various industries were informative,the students learned about production of various types of bulbs and lamp in Autolite Limited. They learned about generation of wind energy when they visited the Jaisalmer Wind Park. At DivyaSwitchGear in Jodhpur students learned about the manufacturing process of various electrical components. At KansaraBearings Limited students learned about the manufacturing of Bearings.

Besides developing their technical knowledge, student also got exposure towards the industrial scenario. The visit helped students to go beyond academics, the industrial visit provided the students a practical perspective.

All the staff & students acknowledge IEEE – WIE council, Prof.Parshvi Shah and Prof.SushmaNagdeote. The group was grateful for the permission granted by Dr. D. V. Bhoir, Professor & Head of Electronics Engineering Department &Dr.SrijaUnnikrishnan, Principal of the Fr. Conceicao Rodrigues College of Engineering (Mumbai).

Reported by Aditya Daripkar.
(IEEE-WIE Documentation Head).

Prof. Parshvi shah
(Branch Counselor)

IEEE – WIE (Fr. CRCE) Industrial Visit Report
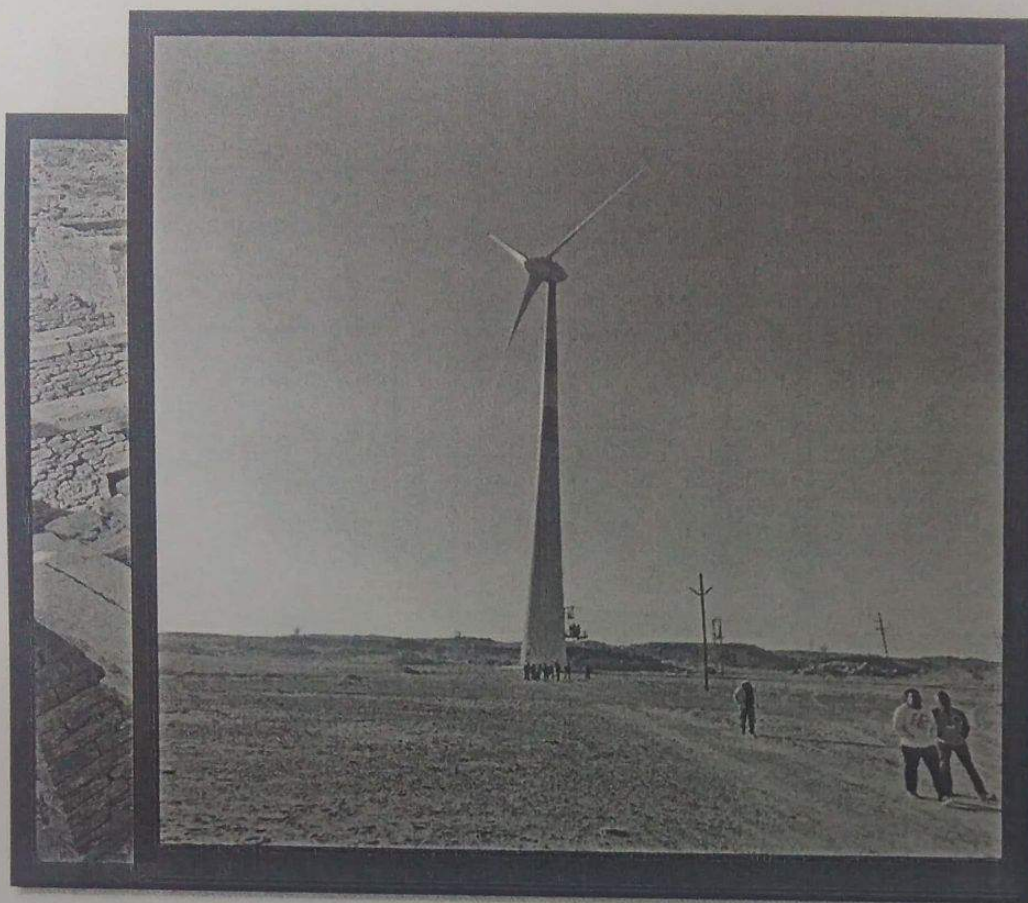Autolite India Limited-Windmills-Divya Switchgear-Kansara Bearings
Limited-Rajasthan

SYNERGY 2018 (ROBOSOCCER)

8th September, 2018Fr.CRCE

IEEE-WIE CRCE

The IEEE-WIE Student Chapter hosted a fun & thrilling event namedas '**Robo Soccer**' for Fr. CRCE's SYNERGY 2018 Festival. The event was based on two players controlling their robots to score goals the most goals.
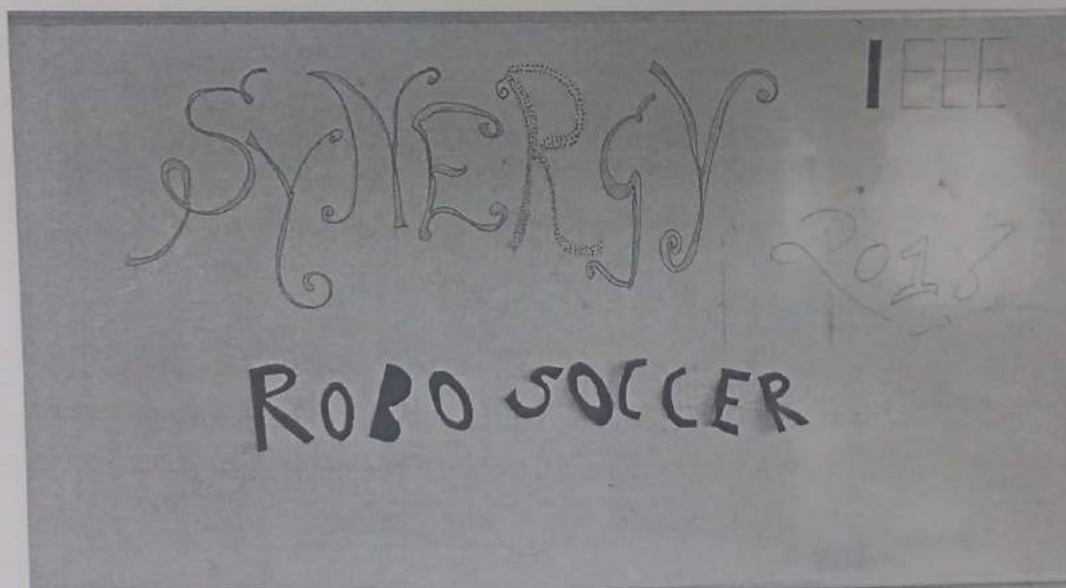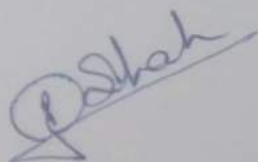
The match was set between two teams controlling one robot each. According to the theme each robot was named Ronaldo and Messi. An arena was made for the robots to play on. The arena was similar to normal football fields with two goal posts and a centre line. The duration of a single match was of **three** minutes. The player who scored the most goals in this time duration wins the match. The overall winner was decided based on the most number of goals scored in the time duration. Four goals were the highest number of goals scored in three minutes.

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

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Phone: 022-26423841/42, Fax: 022-26516831
Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

CRCE
IEEE CRCE
Branch Code: STB60351

The Arena

The participation received was moderate. We received a good response and the participants found the game to be creative and one of a kind. Thus this event was successful in creating zeal and euphoria amongst the students of all branches and years at SYNERGY 2018.

Reported by Aditya Daripkar.
(IEEE-WIE Documentation Head).

Prof. Parshvi shah
(Branch Counselor)

RoBosoccer

NAME	Class	Sign
Raj Lad	SE ELEX	Raj Lad.
ALROY PIRERA	SE ELEX	☆
VISMAY PATIL	SE ELEX	vismay
Komal Shinde	SE Elex	Shinde
Maitreya Shelke	SE ELEX	Maitreya
Khushi Parikh	SE ELEX	⅄
Leon Castelino	SE ELEX	Lcastelino
Aishwarya Parwekar	SE Elex	Parwekar
Ridhike Agarwal	SE ELEX	Ridhika
Simren Batra	SE IT	Simren
Mahanin chanda	SE ELEX	
Priya Tanwar	SE IT	Parwar
Preet Jain	SE IT	PREET
Jaini Shah	SE IT	Jaini Shah

Shah
8/9/18

Pallavi   Gautam
Namrata   Jatin .
culway.
Royston
Pranjali
Anuja .
Athilaksumi
Prajwalita
Farheen .

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CRCE

IEEE MEMBERSHIP SEMINAR

18th July 2018

IEEE-WIE CRCE

Institute of Electrical and Electronics Engineers or better known as IEEE is an association dedicated to advancing innovation and technological excellence for the benefit of humanity, is the world's largest technical professional society. A seminar on awareness and benefits of IEEE was organized by the Students of IEEE-WIE CRCE at the college. In this Seminar students were briefed about the various benefits of IEEE.
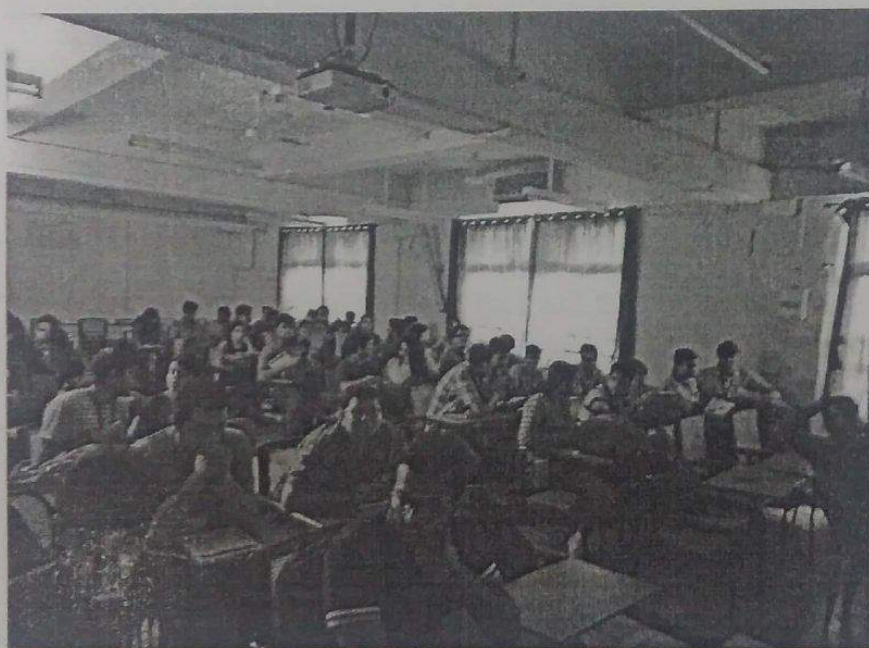
The Seminar commenced with introduction of IEEE and its history by Ms.Feba Racheal the senior student representative of IEEE CRCE.

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Followed by the enlightening and inspirational insights by ex-Vice Principal, Senior Member of IEEE Bombay section and also the founder of IEEE CRCE, B.R. Prabhu sir's words about how *"Learning is a Life long journey and so one should never stop learning"* was an inspiration for our students. He emphasized on various initiatives, one out of many being the alliance of IEEE with health insurance companies and about his experiences as an active member of IEEE.

Dr. Prabhu's valuable advice about IEEE was followed by Dr. Deepak Bhoirsir the HOD of Electronics Department in CRCE, and also a member of IEEE spoke about the benefits and awareness of IEEE .He emphasized on the benefits IEEE has to offer from funding various projects,international competitions, webinars, paper publishing, to conferences in a very simplistic manner.

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Lastly the Chairperson of IEEE-WIE council Ms. Sakshi Bhosle introduced the role of IEEE CRCE in our college and its achievements so far. The Students appeared eager and enthusiastic to join IEEE.

Reported by Aditya Daripkar.
(IEEE-WIE Documentation Head).

Prof. Parshvi shah
(Branch Counselor)

Name	Class	Sign
Chyankk	SE Elex	Ayonk
Mamta Saini	SE Elex	MS
Ansawani	BC IT	AlPNayah
Prashant Singh Rawal.	SE ELEX	Rul
Ste		
cleona Peroira	SE COMPS	CPeroria
Avila Patil	SE comps	Aadx
Sakshi Mishra	SE COMPS	Sm
kajal Sapkal	TE Comps	Sapkal
Rayna Bimmy	SE Compr	Bimr
Aakash Mishra	TE comps	M
Alden Noronha	SE ELEX	
shalva Thakurdesai	SE IT	ASL
Jeet Trivedi	SE IT	Jeet
shefali Mahindrakar	SE IT	SM
Amodini Pathare	SE EIEX	
Lokesh Gorekk	SE Elex	
Sujoy Savant	SE Elex	
Kedar Vaze	SE PROD	
Pranavnath Tiwari	SE Prod	

Shah
18/7/18

Name	Class	Sign
Shray Pandey	SE-Prod	✓
Khushi Mehta	SE-Prod	✓
Komal Sudhish	SE-Prod	Komal
Dhrumil Thaker	SE-Prod	Dhrumil
Pranavnath Tiwari	SE-Prod	
Kedar Vaze	SE-Prod	
Aayushi Khatri	SE-Prod	
Shreeya Jain	SE-Prod	
Shivani Bharti	SE-Prod	
Dhwani Rajgaur	SE-Prod	DR
Sayalee	TE-Prod	
~~Nikita~~ Anurag	TE-Prod	
Mehwish	TE-Prod	
~~Jigisha~~ Steviyo	TE-Prod	
Trupti	TE-Prod	Trupti
Pooja	TE-Prod	
Arpita	TE-Prod	
Rachael	TE-Prod	
Aquib	TE-Prod	
Aditya	TE-Prod	
Abhinesh	TE-Prod	
Karan	TE-Prod	
Shamita Shetty	FE-ELEX	
Prisha Sharma	FE-ELEX	
Vishwa Shukla	FE-ELEX	
Asiayal Rodrigues	FE-ELEX	
Ritika Patil	FE-ELEX	
Richa Tripathi	FE-ELEX	
Gautam Thakur	FE-ELEX	
Felin Patel	FE-ELEX	
Dhiraj Nair	FE-ELEX	
Joy Pillai	FE-ELEX	
Aditya Pandey	FE-ELEX	
Hrushikesh Kawlekar	SE-Elex	HK
Rajeev Gupta	SE-Elex	Rajeev
Maria Anthony	SE-Elex	
Leon Castelino	SE-Elex	
Alston Crasto	SE-Elex	
Joel Francis Paul	SE-Elex	
Vedanti Karnik	SE-Elex	
Ashley Fernandez	SE-Elex	
Komal Shinde	SE-Elex	
Aarti Temulkar	SE-Elex	
Kushi Parikh	SE-Elex	
Sakshi Dave	SE-Elex	
Manali More	SE-Elex	
Apoorva Bhole	TE-ELEX	
Cristina Michael	TE-ELEX	
Manashri Mehta	TE-ELEX	
Alyssa Pinto	TE-ELEX	

Name	Class	Sign.
...d J. Lopes	SE Comps	
... Dabre	"	
... Onello	"	
...ta Rego	"	
...ee Jose	"	
...la Vaz	"	
...rebud	SE IT	
...Sakshi	"	
...mran Dsouza	SE Comps	
...edh Bhatkar	TE Comps	
...arup T. Saju	SE Elex	
...aumeel G.	SE Elex	
...anali Mule	SE elex	
...alti Temulkar	Se elex	
...Mary Elizabeth	TE IT	
...asmine Angel	TE IT	
Dolly Gogri	"	
Luisha Dsouza	"	
Jenny Anthony	"	
Nikita Jadhav	"	
Crystal Dsouza	"	

Name	Branch	Signature
Pallavi Mohokar	TE-ELEX	
Namrata Shirsat	TE-ELEX	
Anuja Indore	TE-ELEX	
Rachael Pothen	TE-ELEX	
Kenneth Dsilva	TE-ELEX	
Sachin Wagle	TE-ELEX	_(signature)_
Rajesh	TE-ELEX	
Jaini	SE-IT	
Nidhi	SE-IT	_(signature)_
Prathana	SE-IT	
Shalva	SE-IT	
Mayank	SE-IT	_(signature)_
Jeet	SE-IT	
Gauri	SE-IT	
Josli	SE-IT	_(signature)_
Shefali	SE-IT	
Priya	SE-IT	
Chris Chrasto	TE-IT	_(signature)_
Cyrstal D'souza	TE-IT	
Dolly Gogri	TE-IT	
Jeniya Anthony	TE-IT	
Jasmine Angel	TE-IT	
Lerisha D'souza	TE-IT	
Elizabeth	TE-IT	
Kedar Jadhav	TE-IT	
Kenneth Fargose	TE-IT	_(signature)_
Viraj Almeida	TE-IT	
Akash Mishra	TE COMPS	
Royston	TE COMPS	_(signature)_
Steve Dcosta	TE COMPS	_(signature)_
Raksha	TE COMPS	
Sharwari	TE COMPS	
Kajal	TE COMPS	_(signature)_
Hazel	TE COMPS	
Prerna	TE COMPS	
Soha	TE COMPS	
Rochelle	TE COMPS	
Offrin	TE COMPS	
Chris	TE COMPS	

PCB MAKING AND SOLDERING WORKSHOP

1st September,2018

IEEE-WIE CRCE

PCB & Soldering are basic building blocks of making a circuit. IEEE CRCE had organized a workshop on **PCB making on 18th August** & **Soldering on 20th August**. This workshop was conducted with the aim to foster skill development. This workshop was led by the Technical Head Mr.Elnino Rosario for the students of Second & Third Year of Electronics.
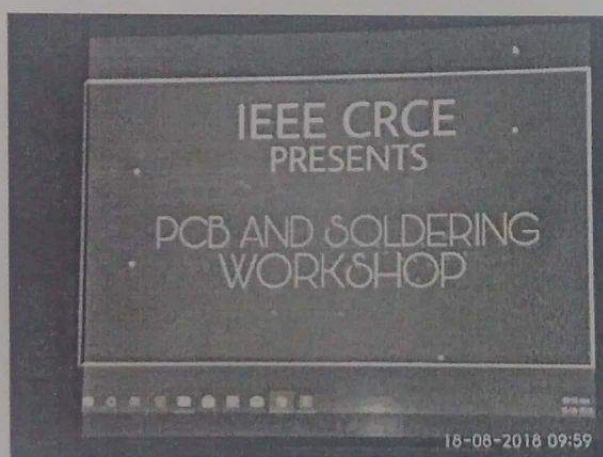
Workshop by IEEE-WIE CRCE   Mr.Elnino Rosario(Technical Head)

This PCB workshop was divided into two sessions, designing the PCB followed by Fabrication of the PCB using the UV Etching Method. The Designing session started with an introduction about types of circuit boards and their pros and cons. Then the designing part was explained to the students using a student-friendly open source software called *FRITZING*. Each and every students were able to design their own PCB design. The students designed the circuit of auto night lamp after getting accustomed to the FRITZING software. The Entire IEEE Team helped the participants by clarifying their doubts if any.
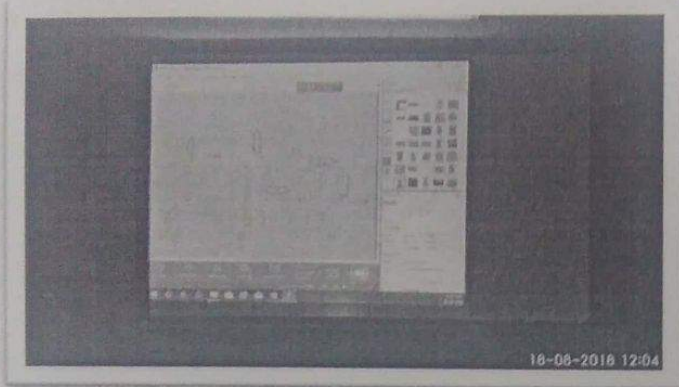
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Following the Designing Session, the PCB Development Session commenced in the PCB lab. This session began with an interesting explanation of the procedures in PCB making. Every step was explained to the students and an instruction leaflet was provided. As this was a hands on workshop each students were given a separate boards. The students were experimentally made to do their own PCB. Each group consisted of 2 students dedicated to develop one PCB. The chemicals involved in this process were addressed to the students. In short the brief description was given to the students. The clear understanding of the process was given.

The finalized PCB   **PCB workshop**

In the Soldering workshop the students were briefed about the basics of Soldering .First the students were given general purpose circuit boards to try soldering of some components .After gaining some experience they soldered the components on the PCB's created by them in the PCB Workshop.

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The PCB Making and Soldering workshop successfully conveyed the knowledge of PCB making and Soldering as the students now can make use of this newly acquired skill in making their mini-projects, BE projects etc. We received an overwhelming response which was reflected in our feedback.

Reported by Aditya Daripkar
(Documentation Head IEEE-WIE CRCE)

Prof. Parshvi Shah
(IEEE Branch Counselor)

PCB workshop

Name	class	sign
Sakshi S. Dame	SE ELEX	
Gouri Kanithear	SE IT	
SIDDHANT SHINDIKAR	SE ELEX	
SUMANTO KAR	SE ELEX	
Mehrzad Aibara	SE ELEX	
Shantanu Pendeb	SE ELEX	
Dayil	SE '' ''	
Faizan	''	
Ashish	''	
Affan	''	
Gaurav	''	
Sigmond C	''	
Alston Crasto	SE ELX	
Dhrumil Thakkar	SE Prod	
Ashley Fernandez	SE ELEX	
Omkar Shirsat	SE ELEX	
Vedanti Karaik	S ''	
Anurag Ubhalkar	SE ELEX	
Denish Rodrigue	SE ELEX	
Komal Sudrik	SE PROD	

20/8/18

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IEEE Start up Talk

12th January 2019 Fr.CRCE

IEEE-WIE CRCE

Every engineer faces a dilemma in their career, whether to opt for a job, further studies or start a start-up. Many pick the choice of further studies and jobs over start-ups. Therefore, to give students a better idea about the start-up scenario IEEE-WIE CRCE had organized a start-up talk.
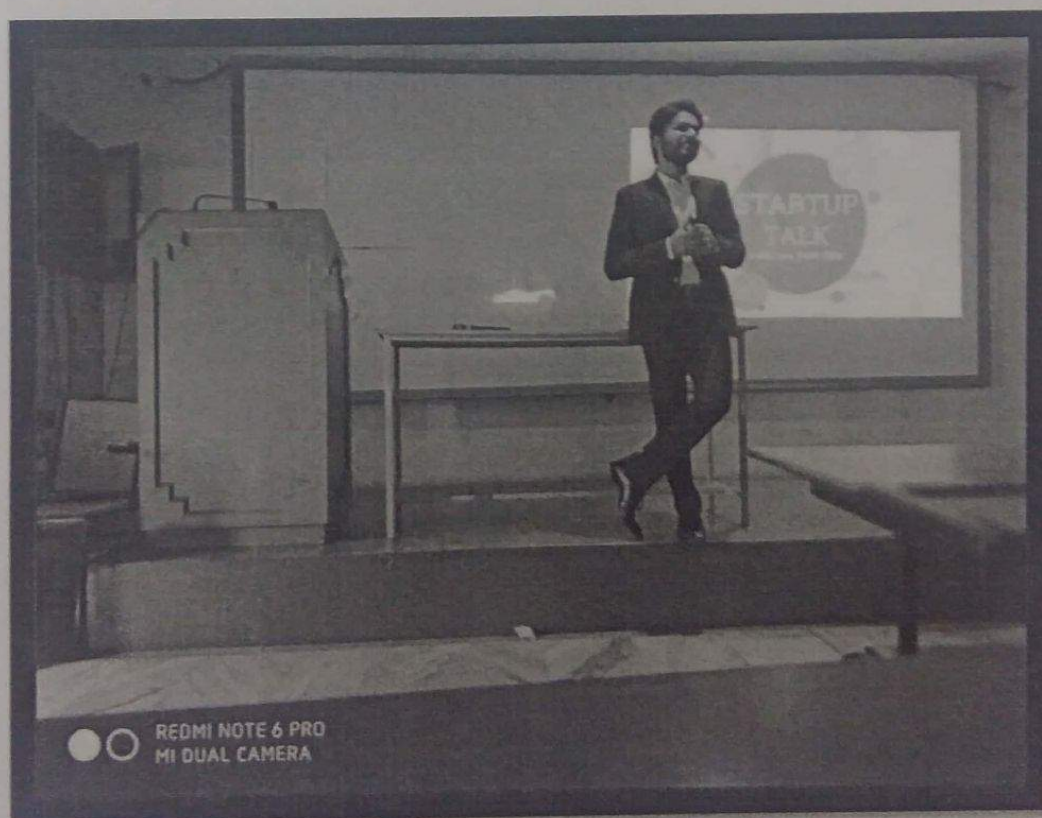
Sir Asking students about their start-up ideas

There are so many hurdles for early stage entrepreneurs. Startup Talks is a platform where the early stage entrepreneurs can learn about different things that they need in their business. Therefore, on 11th January 2019 IEEE-CRCE had

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conducted a start-up talk. The founder of an IOT based company, YUPS Tech, Mr. Pratik provide guidance to the students about running and managing start-ups, through his valuable insights and experience.

At the start of his presentation, he stated that while building a start-up successfully, the most important thing is not just a good leader but also a great team. For a start-up to be successful, a lot of thought needs to be put while selecting a product. He explained how it is easier to make a product that people want than to make the people want the product of your company. He further added how alongside a good product marketing of the product is also very important. He introduced an interactive activity to the students present for the talk, he asked students about their idea for start-ups. He encouraged the students to create their own start-up by setting up a good business structure.
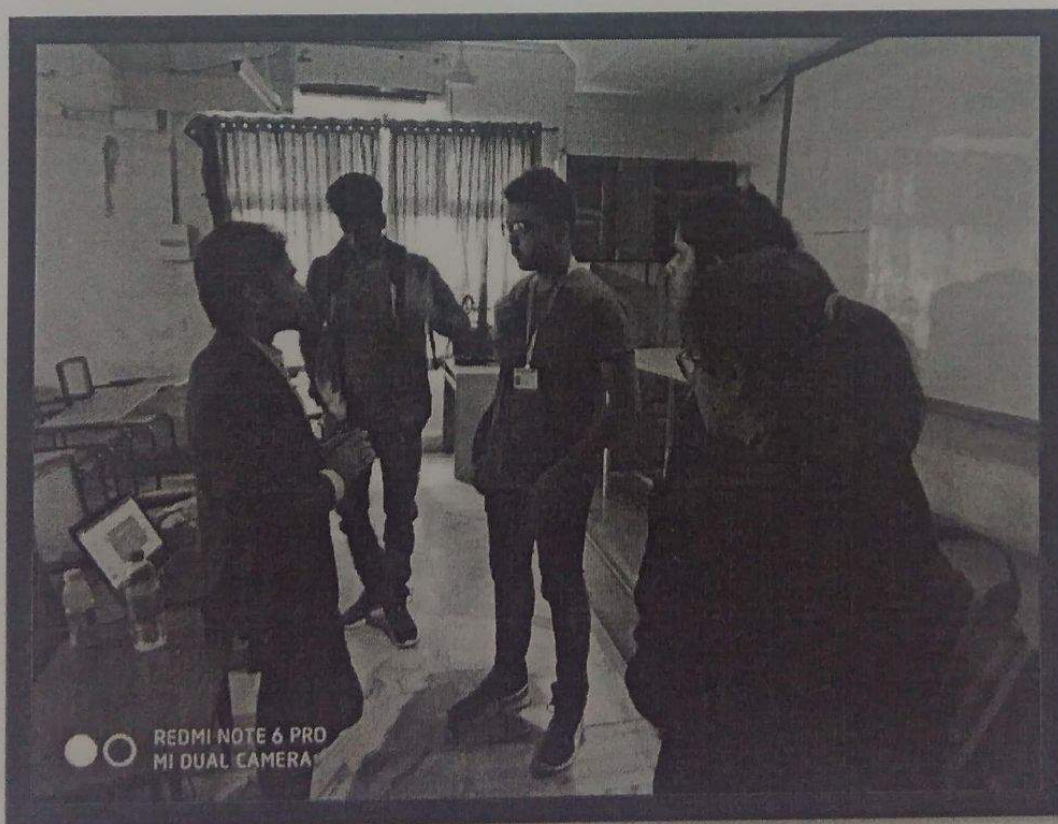
Students discussing their ideas with Sir

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At the end of the talk, many students were inspired to start their own start-up after graduation. Some who already had ideas for their start-ups asked for Sir's guidance after the talk. After end of this event Branch Counsellor of IEEE Parshvi Ma'am thanked sir with a bouquet and a small gift of appreciation for providing guidance to the students. All together the event received an overwhelming response which was reflected in the feedback.

Reported by Aditya Daripkar.
(Documentation Head IEEE-WIE CRCE)

IEEE-WIE CRCE
START-UP TALK

DATE:-11-01-2019

Sr.No	NAME	YEAR	SIGN
1.	Shefali Mahindrakar	SE IT	SM
2.	Nimisha Bhoir	SE IT	NBhoir
3	Nachiket Nisal	SE IT	Nachiket
4.	Isaac Santis	SE IT	Isaac Santis
5.	Vedanti Karnik ✓	SE Elex	Karnik
6.	GAUTAM PODDAR	TE ELEX	Gautam
7	Yadnesh Dhanawade	TE Elex	Yadnesh
8	Aniket G. Masalkhamb	TE ELEX	AM
9	Mahavir chanda ✓	SE ELEX	MM
10	Leon Castelino ✓	SE ELEX	Lcostelino
11	Sebastian Dmello ✓	SE Elex	dmto
12.	J. Scripn Rajan ✓	SE Elex	Rajan
13.	JACOB R MOULATH ✓	SE ELEX	Jaco
14.	SHREE LOLE ✓	SE ELEX	lole
15	Swarup T Saju ✓	SE ELEX	Swarup
16	Aishwarya Parwelar ✓	SE Elex	Parwer
17	Sujoy Sawant ✓	SE Elex	Sus
18	Aditya Morajkar ✓	SE Elex	Aditya
19	Anjana Singh ✓	SE ELEX	Anjana
20	Aarti Bandekar ✓	SE ELEX	
21	Sameera Yemde ✓	SE ELEX	S
22	Raj Lad ✓	SE ELEX	Rajlad
23.	Sneha Samuel ✓	SE ELEX	Samuel
24	Khushi Parikh ✓	SE ELEX	K
25	Sheryl Serrao ✓	SE ELEX	Serrao
26	Rishika K ✓	SE Elex	RK
27	Yash Kane ✓	SE Elex	YKane
28	Sakshi Dare ✓	SE Elex	Sakshi Dare
29	Kar Sumento Ashim ✓	SE Elex	Skar
30	Yash Kumar ✓	SE Elex	Yash
31	Siddhant Shivdikar ✓	SE ELEX	Sivar
32	Vismay A. Patil ✓	SE ELEX	Vismay
33	Mamta Saini ✓	SE ELEX	MS
34	Prashant Rawat ✓	SE ELEX	Raj
35	Maitreya Shelke ✓	SE ELEX	Maitreya
36	Sunil Pumar Pulan ✓	SE ELEX	DSR
37	Jhanvi Mender ✓	SE Elex	JM
38	Mufeez hambay ✓	TE ELEX	Hamb
39	Jagruti bhanyshali ✓	SE ELEX	Jagguti
40	Vedanti Karnik	SE ELEX	
41.	Juilee Thakur ✓	SE ELEX	JThak
42.	Manali M. More ✓	SE ELEX	Aanal
43	Mounita M. Bhagat ✓	SE. ELEX	Bhagat
44	Aarti Temulkar ✓	SE. Elex	AT
45	Koli shloka ✓	SE. ELEX	Skoli
46	komal shinde ✓	SE. ELEX	Shinde
47	Jatin Dodiya	TE. ELEX	
48	Prajwalita Agare	SE - ELEX	Agare

Sr.No	NAME	YEAR	SIGN
8283	Chyankk Kumar	SE	
8249	Amar Agarwal	SE	
8293	Shantanu Parab	SE	
8288	Sanil Miranda	SE	
8305	Anmol Singh	SE	
8201	Gaurav Dashpute	SE	
8252	Allen Xavier	SE	
8256	Sigmond Cardozo	SE	
8280	AFFAN KHAN	SE	
8251	Mehanzad Aibana	SE	
8271	Rajeev Gupta	SE	
8285	HRUSHIKESH KUVLEKAR	SE	
8287	Pranjal Mahajan	SE	
7909	Chinmay Tadankar	TE	
7875	Anuja Indole	TE	
7872	Feba Parhel	TE	
8121	Pallavi Menotar	TE	
8159	Namrata Shirout	TE	
7859	APOORVA BHOLE	TE	
7886	Joshua Nazareth	TE	
7900	ELVINO ROSARIO	TE	
8157	NIHAL SHAIKH	TE	
8156	FARHIN SHAIKH	TE	
8083	SAURABH MHATRE	TE	

FEEDBACK – STARTUP TALK

NAME: Shree Lole

RATE US ON THE FOLLOWING ASPECTS: [1(MIN) TO 5(MAX)]

	1	2	3	4	5
ORGANIZATION					✓
HOSPITALITY					✓
OVERALL SEMINAR					✓

WAS THE SEMINAR INTERESTING ?	Yes
HAVE YOU GAINED THE INSIGHT OF A START UP?	Yes
ANY OTHER COMMENTS?	No

WE WOULD REALLY APPRETIATE YOUR VALUABLE COMMENTS:

To,
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Bandra (W). Mumbai - 400 050.
Maharashtra, India.

REGISTRATION FOR R-PROGRAMMING

Stamp

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Fr. Valerian D'Souza : Director
Dr. Srija Unnikrishnan : Principal

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HOD, Computer Department

Prof. Jagruti Save
HOD, Information Technology

RESOURCE PERSON

Mr. Mustafa Joherbhai Fatakdawala
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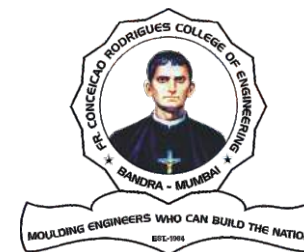
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Website: http://www.frcrce.ac.in

Two Days Faculty Development Programme on

Machine Learning

28th Feb & 11th March, 2019

ORGANISED BY

DEPARTMENT OF COMPUTER ENGINEERING
DEPARTMENT OF INFORMATION TECHNOLOGY

fr.crce
FR. CONCEICAO RODRIGUES
COLLEGE OF ENGINEERING
MOULDING ENGINEERS WHO CAN BUILD THE NATION

About College

Fr. Conceicao Rodrigues College of Engineering (CRCE) was established in 1984 as part of Fr. Agnel Technical Complex at Bandra, Mumbai by the Society of St. Xavier Pilar and is named after its founder the late Rev. Fr. Conceicao Rodrigues. The College is affiliated to the University of Mumbai. The college offers Bachelor Degree courses in Production Engineering, Electronics Engineering, Computer Engineering and Information Technology. The College also offers full-time Masters Degree courses in Production Engineering (Robotics), Electronics Engineering and part-time Production Engineering (Manufacturing) .The College is located at Bandstand, Bandra, Mumbai in a picturesque environment surrounded by the Arabian Sea.

VISION AND MISSION

"Moulding Engineers who can Build the Nation" Fr. CRCE has been a center of Excellence in Engineering Education, moulding engineers with state-of-the art technologies, innovative skills and human values matching with the growing expectations of corporates and society, and thus plays an effective role in nation building.

ABOUT

Machine Learning (ML) is a specialized sub-field of Artificial Intelligence (AI), where algorithms can learn and improve themselves by studying high volumes of available data. Machine Learning aspires to mimic the human brain – learning by observation.

This course provides a introduction to machine learning, data mining, and statistical pattern recognition. There will be hands-on session on supervised learning algorithms (parametric/non-parametric algorithms, support vector machines, kernels).

COURSE CONTENTS

· Machine Learning Basic
· Decision Tree Classifier - Information Gain / Gini Impurity / CHAID
· Over Fitting
· Ways to Overcome Overfitting
· Ensemble Learning
· Random Forrest
· Dimensionality Reduction
· Support Vector Machine(SVM)
· Hands on IRIS Data

PREREQUISITE

kaggle.com

Account on kaggle.com

Last Date of Registration

26ᵗʰ February, 2019

REGISTRATION FORM

Name _____

_____

Designation _____

Institution _____

Address _____

_____

Phone _____

Email _____

Member of CSI/IEEE/ISTE: Yes / No
If Yes, Membership No: _____

Details of Payment:
(DD/Cheque can be drawn in favour of "THE PRINCIPAL, FR. CRCE., BANDRA (W)", payable at Mumbai)

DD/Cheque No: _____

Date:_____ Bank: _____

Date _____   _____
                                Signature of Participant

CLOSING REPORT OF FDP ON "Machine Learning" CONDUCTED FROM 28th Feb and 11th March,2019
Jointly Organised by Department of Computer Engg and Information Tech

About FDP:

Machine Learning (ML) is a specialized sub-field of Artificial Intelligence (AI), where algorithms can learn and improve themselves by studying high volumes of available data. Machine Learning aspires to mimic the human brain – learning by observation. This course provides a introduction to machine learning, data mining, and statistical pattern recognition. There will be hands-on session on supervised learning algorithms (parametric/nonparametric algorithms, support vector machines, kernels).

About Course:

On 28th Feb, Mr. Mustafa Joherbhai Fatakdawala, SAFe Agilist, Tata Consultancy Services, started the session with Introduction to ML. He continued by demonstrating Decision Tree Classifier - Information Gain / Gini Impurity / CHAID, Over Fitting, Ways to Overcome Overfitting. He also explained how to use Kaggle ML repostitory with IRIS dataset.

On 22nd March , Mr. Mustafa Joherbhai Fatakdawala, SAFe Agilist, Tata Consultancy Services, continued the session with demonstration of different classification techniques such as Ensemble Learning, Random Forrest and Support Vector Machine on Kaggle repository . He also explained accuracy improving techniques such as bagging and boosting.
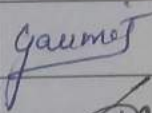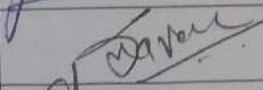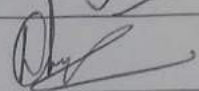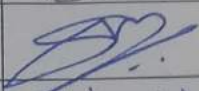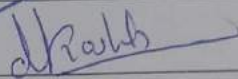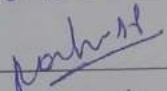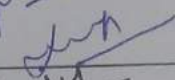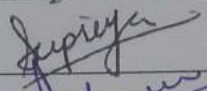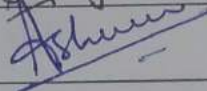
Feedback:
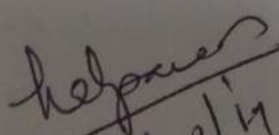
The programme received very good response. Around 80 participants including faculty and students attended the course. Participant left premises giving good feedback and showed their willingness to participate again in near future programs conducted by college.

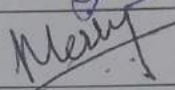| Report Prepared By,	Convenor:	Convenor:
Prof. Roshni Padate (Coordinator) Prof. Sarika Daware (Coordinator) Prof. Kalpana Deorukhkar (Coordinator Prof. Saurabh Kulkarni(Coordinator)	Dr. Sunil Surve Head of Computer Department	Dr. Jagruti Save Head of IT Department

Attendance Sheet

Workshop on ML (22nd March 2019)

Sr No	Faculty Name	Sign
1.	Garima Tripathi	Gaumet
2.	Sarika Davare	Davare
3.	Prajakta Dhamanskar	
4.	Sujata P. Deshmukh	
5.	Dipali Koshti	
6.	Roshni Padate	
7.	Swati Ringe	
8.	Merly Thomas	Merly
9.	Supriya kamoju	Supriya
10.	Ashwini Pansare	
11.		
12.		
13.		
14.		
15.		

22/03/19

Kalpana Deorukhkar
Computer Dept

Three Days Workshop

on

AI AND DEEP LEARNING

July 21, 2018 to July 23, 2018

Organized By

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, BandStand, Bandra (W),Mumbai-50

In association with

Bennett University

Industry Partners

NVIDIA and AWS Educate, Videoken and Edvantics.

https://leadingindia.ai/workshop

Convener
Dr. Sunil Surve
Contact No. 9167635546

COORDINATOR
Dr. Sujata P. deshmukh
Contact No. 9920510059
E-mail: sujata.deshmukh@fragnel.edu.in

REGISTRATION
Please click on following link for online registration
https://leadingindia.ai/register

Course Fees
Total Fee : 6000
GST : %18
Final Amount: 7080
Free for Collaborators/Zonal leads/Basic partners/
Voucher/Member/Referral Discount

1. Two day Deep Learning Workshop followed by a One day NVIDIA DLI workshop are completely free for Collaborators (20 pax), Zonal leads (5 pax), Basic partners (2 pax). All such faculty members from these institutions should contact their institution's Single point of contact for coupon codes with 100% discount. **To become basic partners, contact Dr. Sunil Surve, convener of the workshop.**
2. Apart from those not being covered by point one, For all other academic participants, the fee for the workshop is 6000 INR + 18% GST (Total 7080 INR). This Fees is only for two days of Deep Learning Workshop by leadingindia.ai initiative. NVIDIA DLI workshop will be given free to all such participants.
3. For all Industry professionals the fee for the workshop is 6000 INR + 18% GST (Total 7080 INR). This Fees is only for two days of Deep Learning Workshop by leadingindia.ai initiative. They are not allowed to attend NVIDIA DLI workshops as per the Guidelines from our Industry collaborator.

For more information click on Points to Note

Details available on our website.
http://www.frcrce.ac.in

REPORT on Three days workshop Days Workshopon AI AND DEEP LEARNING

July 21, 2018 to July 23, 2018

Department of Computer Engineering of Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, recently conducted a three days workshop on "AI AND DEEP LEARNING" in collaboration with Bennett University and in association with Industry Partners NVIDIA, from July 21, 2018 to July 23, 2018. Fr. Conceicao Rodrigues College of Engineering, is a zonal lead for this project in Mumbai region. College provided a platform and brought together AI developers, data scientists, researchers, academia and students to acquire the modern trends in AI and DEEP learning.

More than 60 participants from different organization, industries registered for the workshop and more than 20 different institutes support the project AI and DEEP Learning Project. Participants from across the state of Maharashtra, actively participated and enjoyed the deep learning technologies with hands-on experience.

As we are moving towards digital era, physical living is influenced by digital revolution. AI and deep learning offers novel career options for professionals, as it is in the exciting phase of growth worldwide. This workshop enabled participants to understand of different flavor of neural Network, selection of model according to the domain and nature of problems. Further, it acquainted the participants with insight of how Deep Learning is improving perception tasks and how it would impact industry. This workshop was a success as participants learned AI and deep learning as new emerging frontier to deal with industry specific problem and areas for future research. This holistic understanding with the certification from Bennett University and NVIDIA will add extra miles in participant's career.

AI AND DEEP LEARNING WORKSHOP

Royal Academy of Engineering,UK under Newton Bhabha Fund has approved a nation wide initiative on "AI and deep learning Skilling and Research". University college, London, Brunel University, London and Bennett University, India are collaborators of the project. NVIDIA and AWS Educate, Videoken and Edvantics are industry partners. At its full scale the project involves the resources of more than 100 million (including cash, kind and human contributions from the partners). Project has the potential to change the landscape of AI Research in India. The aim of this project to train and guide faculty members of associate institutes to do cutting-edge research in the areas related to the artificial intelligence and deep-learning. To equip faculty members and students with the industry-driven artificial intelligence and deep-learning tools, different Workshops are being planned across India at different locations. *Fr. C. R. C. E. Bandra*, is zonal lead for the same project. So we are organizing "AI AND DEEP LEARNING WORKSHOP". Two day Deep Learning Workshop followed by a One day NVIDIA DLI workshop are completely free for Collaborators (20 pax), Zonal leads (5 pax), Basic partners (2 pax).

Objectives

- To make cutting edge skills and supercomputing infrastructure available to the wider community of academicians and researchers through a thoughtfully created network of approximately 10 collaborators and 100 lead institutions across India.

- To initiate, sustain and nourish research groups in Artificial Intelligence. Based on the additional resource commitments by respective institutions, some of them can grow as a good research center.

- To motivate the learner community for exploiting the potential of start-ups and innovations in this area and connecting them with the real-life problems of industry.

- Overall it will enhance the content, quality, capacity and collaboration of Indian Engineering education ecosystem.

Outcomes

- 10000 trained people in Artificial Intelligence who in turn will be helping to train around 1000000 Students every year.

- 100 Research Groups working in different critical areas to solve some of the pressing problems in front of mankind.

- 10 collaborator and 100 Lead Zonal institutions connected with Industry for live projects and helping their students to better prepare for the industry-required skills.

- Marked improvement in the quality landscape and skill gap which will result in an overall buoyancy in the Indian higher education system to bring it at par with International standards

Schedule for this workshop

Day 1	
8.00-9.00	**Registration**
Session 1	**Motivation**
9.00-11.00	Foundations and Terminology of Deep Learning
Session 2	**Machine Learning Basics**
11.30-1.30	Linear Regression, Logistic Regression Gradient Descent
Session 3	**Designing & Optimizing Neural Network Model**
2.15-4.00	Building Deep Models and Hyperparameter Tuning
Session 4	**Deep Learning Hacks**
4.30-6.30	System/project level tricks and regularization strategies
Day 2	
Session 1	**Convolutional Neural Network**
9.00-11.00	Computer Vision with CNNs
Session 2	**Recurrent Neural Network**
11.30-1.30	Sequence Modelling with RNNs, Autoencoders, generative modelling in Deep Learning
Session 3	**Advanced Learning Topics**
2.15-4.00	Hands-On Labs
Session 4	**Assessment Test**
4.30-6.30	

Day 3 - NVIDIA Deep Learning Institute Hands on Labs	
The NVIDIA Deep Learning Institute offers hands on training for developers, data scientists and researchers, looking to	
solve challanging problems with deep learning	
09:00 - 11.00	Image Classification with DIGITS (lab)
11:00 - 1:00	Object Detection with DIGITS (lab)
2:00 - 4.00	Neural Network Deployment with DIGITS and TensorRT (lab)

For further information and prerequisite of workshop: https://leadingindia.ai/workshop

Points to Note:

1. Two day Deep Learning Workshop followed by a One day NVIDIA DLI workshop are completely free for Collaborators (20 pax), Zonal leads (5 pax), Basic partners (2 pax). All such faculty members from these institutions should contact their institution's Single point of contact for coupon codes with 100% discount.

4. Apart from those not being covered by point one, For all other academic participants, the fee for the workshop is 6000 INR + 18% GST (Total 7080 INR). This Fees is only for two days of Deep Learning Workshop by leadingindia.ai initiative. NVIDIA DLI workshop will be given free to all such participants.

5. For all Industry professionals the fee for the workshop is 6000 INR + 18% GST (Total 7080 INR). This Fees is only for two days of Deep Learning Workshop by leadingindia.ai initiative. They are not allowed to attend NVIDIA DLI workshops as per the Guidelines from our Industry collaborator.

6. All those who successfully register in a workshop will get a referral code. This referral code will be available in your dashboard. Once five people use your referral code to do their workshop registration, then you will get 5000 INR credited to your account. This will go on like this for additonal five referrals hereafter. That means you will get 5000INR for every five referrals of your referral code for workshop registration.

7. Your referral code can not be combined with the discounted registrations. Even those who themselves have done discounted registration with 100% or 10% discount can use this referral offer to popularize the workshops.

8. For IEEE members, ACM Members, CSI Members, UG/PG/PhD students and for persons with a referral code there is a discount of 10% on base fee, so it will come down to 5400+18%= 6372 INR. If you fall in more than one category (e.g You are a student and IEEE member), still the discount will remain the same i.e 10%.

9. All participants will get participation certificate, if they attend the respective workshops in full. However, all those who clear the assessment test will receive the "successfully completed certificate". Assessment Test will consist of 30 Multiple Choice Questions and you need to answer atleast 15 questions correctly. NVDIA DLI Workshop Certificate will be separately given by NVIDIA

10. Working Lunch and Tea/Snacks in the morning and evening for all three days will be given without any cost.
11. Stay arrangements differ at different locations depending upon the facility being given by the respective institution. You should check at the link given against each location.
12. All should come with their laptops for the workshop. However, it is not mandatory. Those without laptops may not be able to enjoy the hands on tasks and coding experience. Without laptops participants may not be able to complete the NVIDIA Labs
13. For whatsoever reasons if you dont attend the workshop Registration Amount is non-refundable and Coupon can not be reused again for some other workshop.
14. **Make sure that their laptop is set up prior to the workshop by following these steps**:Ensure websockets runs smoothly on their laptop by going to http://websocketstest.com/ Make sure that WebSockets work for the laptop by seeing under Environment, WebSockets is supported and Data Receive, Send and Echo Test all check Yes under WebSockets (Port 80). If there are issues with WebSockets, try updating browser or trying a different browser. The labs will not run without WebSockets support Best browsers for the labs are Chrome, FireFox and Safari. The labs will run in IE but it is not an optimal experience.

Fr. Conceicao Rodrigues College of Engineering

Department of Computer Engineering

Date: 07-07-2018

CIRCULAR

We are glad to inform that the department of Computer Engineering is organizing three days training Workshop on "Deep Learning and Machine Learning" from 21th to 23th July 2018 in association with Project Leading India. Aim of this workshop is to offer hands on training for developers, data scientists and researchers, looking to solve challenging problems with deep learning.

All the teaching and non-teaching staff of the department, are requested to note down the responsibilities assigned. **All the faculties here by requested to get two participants willing to be as a partner for this workshop**.

Convener:

- Administration and control- Dr. Prof. Sunil Surve

Coordinator:

- Overall coordination - Dr. Prof. Sujata P. Deshmukh

Publicity:

- Publicity emails and Support letter - Prof. Swati Ringe, Mr. Shankar

Finance:

- Giving advance to required committees and clearance of bills- Prof. Heena

Accommodation:

- Assessment the availability and feasibility of nearby accommodation- Prof. jay Borade, Prof. Supriya

Venue Aarrangement:

- Samvad Permission, Wi-Fi connectivity and other arrangements - Prof. Dipali, Prof. Archana, Mr. Pankaj
  - o Arrangement of Tables, chairs, water bottles, name plates for inauguration

- Arrangement of projector, laptop (if required)

Food:

- Working Lunch arrangement – Prof. Kalpana Deorukhkar, Prof. Roshni Padte, Mr. Jiten Naik

Inaugural:

- Inaugural Function arrangements-Prof. Ashwini and Prof. Sangita

Guest Reception:

- Reception and hospitality preparation for the guests -Prof. Daga, Prof. Monali

Banner:

- Designing & Printing banners – Prof. Monali and Mr.Pankaj

Web page Design

- Content creation and upload of web page – Prof. Swapanali and Mr. Ajay

Documentation

- Registration Record, Attendance record, and filing of documents- Prof. Sunil Chaudhari

Technical support

- Technical support for the event (Hardware and Software) - Prof. Mahendra Mehra and Mr. Ajay

Registration of participants

- Office staff

H.O.D. – Computer Engineering

(Dr. Sunil Surve)

List of External Faculties for AI and Deep learning workshop

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1	santosh s saraf	santoshsaraf@git.edu	9480017236	Gogte Institute of Technology
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14	Reeta Koshy	reeta_koshy@spit.ac.in	98214532 23	Sardar Patel Institute of Technology
15	Dr. Ashwini Vkirant Malviya	ash.malviya@gmail.com	97663154 29	Sipna College of Engineering and Technology
16	Pritish Arunrao Tijare	pritishtijare@rediffmail.com	95520481 24	Sipna College of Engineering & Technology, Amaravati
17	Seema Kolkur	seema.kolkur@tsec.edu	98696472 40	Thadomal Shahani Engg. College
18	Shachi Jayant Natu	shachi_natu@yahoo.com	98813578 12	Thadomal Shahani Engineering College
19	Shanthi Therese S.	shanthitherese123@gmail.com	98921883 30	Thadomal Shahani Engineering College
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21	Khan Darakhshan Rizwan	darakshan.khan@thadomal.org	91679643 89	Thadomal Shahani Engineering College
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24	amol kalugade	arkalugade@apsit.edu.in	97665601 93	A.P.Shah Institute of technology,thane
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26	UTTAM KOLEKAR	principal@apsit.org.in	93237274 31	A P SHAH INSTITUTE OF TECHNOLOGY
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List of Internal faculties for AI and Deep learning workshop

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4	Prof. Ashwini Pansare	9821530672	ashwinip@fragnel.edu.in
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Group Photograph Three Days Workshop

on

AI AND DEEP LEARNING

July 21, 2018 to July 23, 2018

<h1 style="text-align:center">LAB SETUP PROCESS</h1>

Pre-requisite: Workshop Lab Material with Azure Notebooks Our workshop notebooks based on Tensorflow and Keras can be practiced using free online platform Azure Notebooks.

•Account creation: To get started with Azure notebooks you have to log-in to https://notebooks.azure.com/ using the Microsoft account. If you have an existing Microsoft account you can use it for logging in to Azure Notebooks. Otherwise you can create a Microsoft account in https://account.microsoft.com/account

•Getting started with Azure Notebook: After logging-in, you can click on "Library" tab to go into your library where you can "Add a new Library". After creating a library, you can add new file which can be Notebooks of Python, R or F#.

•Using Existing Repos: If you have the URL of some existing repositories, you can clone them into your library. For example the below library can be cloned by visiting the URL. https://notebooks.azure.com/jakevdp/libraries/pythondatasciencehandbook After visiting the URL, you can press "Clone" to copy the entire folder/repository into your library. Then any modification can be done by opening, editing andrunning those .ipynb notebooks.

•Our Notebooks: During the time of workshop, we will share links to our notebook repository for your practice.

Pre-requisite: Workshop Lab Material with Anaconda Python in your Laptop/PC (Optional)

If you cannot use Azure Notebook services during the workshop, our same lab material can be used by installing Anaconda Python and necessary packages.

Anaconda 5.1 -Python Version 3.6 You can Download it from the link freely from the given link.Click here

Python Libraries: numpy, pandas, sklearn, nltk, tensorflow, keras and for plotting matplotlib

Installation of Packages:

1.For installing the above mentioned python packages please follow the procedure mentioned below.

2.For installing new packages, system must be connected through internet.

3.Press start in windows and search for "Anaconda Prompt". When you will click on the application, a prompt window will be open,wait for few seconds.

4.You can check/ install any package in Anaconda Python by..

pip install package_namef-ex:pip

install numpy and press Enter key after typing these commands.

Note.If you are installing numpy like this, it will give requirement already satisfied message on the prompt. that means package is already installed in the anaconda python.

Installing Opencv for Image processing

Start the Anaconda Prompt: Press start in windows and search for "Anaconda Prompt". when you will click on the application, a prompt window will be open, wait for few seconds.

 type command:

pip install opencv-pythonpress Enter.

Installing Tensorflow and Keras:Start the Anaconda Prompt in administrator mode: Press start in "windows", type "Anaconda Prompt", and right click on the application and click "Run as Administrator".

Repeat step 2 f.ex-pip install tensorflow

pip install kerasHelp:

You can also take help of YouTube video: https://www.youtube.com/watch?v=z0qhKP2liHs for sample installation of Anaconda + Tensorflow + Keras

Note: If you want to work with regular python installed fro(https://www.python.org/downloads/), installation of numpy, pandas, sklearn, ntlk, tensorflow, keras libraries can be still done using "pip install" command similar to step 2 and 3. However, installation of Anaconda Python is highly encouraged rather than naïve python.

Others useful platformsTensorflow using Google Colab Sign-in using Google Account to access free Online Tensorflow notebooks at http://colab.research.google.com/

GitHub Account

To join GitHub, the world's leading software development platform, visit the following URL. https://github.com/

GitHub is widely used for open-source software development, you can use it to

1.Make your project repositories easily accessible from anywhere
2.Maintain history and control versions easily
3.Collaborate with other developers that helps you to develop a network
4.Forkother developer's repositories and can show up your work to them.
5.Build a profile to impress the recruiter
Useful links to go through before the workshopGitHub Links:

https://github.com/ChristosChristofidis/awesome-deep-learninghttps://github.com/endymecy/awesome-deeplearning-resources

http://egrcc.github.io/resources/ Blogs:https://www.blog.google/topics/machine-learning/ http://deeplearninggallery.com/

https://blogs.nvidia.com/blog/category/deep-learning/

https://www.ibm.com/blogs/systems/topics/deep-learning/ Book and other Resources: ML Basic http://egrcc.github.io/docs/dl/deeplearningbook-ml.pdf

http://neuralnetworksanddeeplearning.com/chap1.html

FR. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Artificial Intelligence and Deep Learning 3 Days Workshop

Attendance 21/07/2018			
Sr. No	Name	Morning	Afternoon
1	santosh s saraf		
2	Amroz Kamal Siddiqui		
3	Ms. Sulbha Satishkumar Yadav		
4	Jay Laxman Borade		
5	DIPALI YOGESH KOSHTI		
6	Supriya Kamoji		
7	SWATI MUKUL RINGE		
8	Kalpana Prasanna Deorukhkar		
9	Ashok Sarkar		
10	Rituraj Bidwai		
11	SURESH SUDAM KOLEKAR		
12	MAGDUM PANDURANG GANPATI		
13	Samruddhi Bidwai		
14	Reeta Koshy		
15	Dr. Ashwini Vkirant Malviya		
16	Pritish Arunrao Tijare		
17	Seema Kolkur		
18	Shachi Jayant Natu		
19	Shanthi Therese S.		
20	AMBHIRE VAIBHAV ANANT		
21	Khan Darakhshan Rizwan		
22	Sachin Balawant Takmare		
23	Kiran Deshpande		
24	amol kalugade		
25	Sachin Malave		
26	UTTAM KOLEKAR		
27	Pallavi Halarnkar		
28	Kaushiki upadhyaya		
29	Sonal Balpande		
30	Jalpa Mehta		
31	Milind Sudhir Khairnar		
32	Dr. Amol Raoji Madane		
33	Dr. Shubhangi Liladhar Vaikole		
34	DHANANJAY THECKEDATH		

35	Sheetal Mahadik		
36	Poonam Janardan Talele		
37	Pallavi Mahendra Bharambe		
38	Neelam Phadnis		
39	CHHAYA SHISHIR PAWAR		
40	Udaychandra A Nayak		
41	Sunantha Krishnan		
42	Dhiraj Amin		
43	Harshall Lamba		
44	Pramod Bide		
45	Abhijeet Salunke		
46	MOHAMMAD AZMAT JAVED		
47	PRANALI SUDAM PATIL		
48	Dr (Mrs) Joanne Gomes		
49	Aruna AnimishPavate		
50	Dr. Vaishali Prashant Jadhav		
51	Suvarna Pansambal		
52	Purva Parag Raut		
53	Lakshmi Kurup		
54	Chhaya Narvekar		
55	Sushama Khanvilkar		
56	Prachi Prashant Kshirsagar		
57	SHRIKANT PRABHAKAR SANAS		
58	Sonali Mhatre		
59	Balasaheb Balkhande	Bala	Bala
60	Swapnali Makdey		
61	Heenakausar Pendhari	Hulla	Hulla
62	Aruna Pavate		
63	Edwin Clement	Ec	Eg
64	Ruth Peter		
65			

FR. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Artificial Intelligence and Deep Learning 3 Days Workshop

Internal

Attendance 21/07/2018			
Sr. No	Name	Morning	Afternoon
1	Sunil Chaudhari	Blood	Blood
2	Ashwini Pandsare	APandsare	APandsare
3	Mahendra Mehra		
4	Sanjeeta P.	Sep	Sep
5	Arehan Lopes		
6	Heenak. Pendhari	Hirdhari	Pendhari
7	Swapnali mahcday	S	S
8	Pallavi Ring		
9	Roshni Padate		
10	Binsy Joseph	By	By
11	Monali ShetH	MS	MS
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FR. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Artificial Intelligence and Deep Learning 3 Days Workshop

Sr. No	Name	Attendance 22/07/2018 Morning	Afternoon	(yes/No) Are you coming tomorrow?,
1	santosh s saraf	AB	AB	
2	Amroz Kamal Siddiqui			NA
3	Ms. Sulbha Satishkumar Yadav			NO
4	Jay Laxman Borade			Yes
5	DIPALI YOGESH KOSHTI			yes
6	Supriya Kamoji			No
7	SWATI MUKUL RINGE			yes
8	Kalpana Prasanna Deorukhkar			
9	Ashok Sarkar	AB	AB	
10	Rituraj Bidwai	AB	AB	
11	SURESH SUDAM KOLEKAR			yes
12	MAGDUM PANDURANG GANPATI			No
13	Samruddhi Bidwai	AB	AB	
14	Reeta Koshy	Reeta	Reeta	
15	Dr. Ashwini Vkirant Malviya			No
16	Pritish Arunrao Tijare			No
17	Seema Kolkur			
18	Shachi Jayant Natu			yes
19	Shanthi Therese S.			No
20	AMBHIRE VAIBHAV ANANT			No
21	Khan Darakhshan Rizwan			No
22	Sachin Balawant Takmare			No
23	Kiran Deshpande			yes
24	amol kalugade			No
25	Sachin Malave			No
26	UTTAM KOLEKAR			NO
27	Pallavi Halarnkar			NO
28	Kaushiki upadhyaya			No
29	Sonal Balpande			yes
30	Jalpa Mehta			No
31	Milind Sudhir Khairnar			yes
32	Dr. Amol Raoji Madane	ARM	ARM	No.
33	Dr. Shubhangi Liladhar Vaikole			No
34	DHANANJAY THECKEDATH			No

Page 128

				Are you fasting (Yes/No) tomorrow?
35	Sheetal Mahadik			yes
36	Poonam Janardan Talele			Yes
37	Pallavi Mahendra Bharambe			Yes
38	Neelam Phadnis			Yes
39	CHHAYA SHISHIR PAWAR			YES
40	Udaychandra A Nayak			
41	Sunantha Krishnan			
42	Dhiraj Amin			yes
43	Harshall Lamba			Yes
44	Pramod Bide			NO
45	Abhijeet Salunke			NO
46	MOHAMMAD AZMAT JAVED			No
47	PRANALI SUDAM PATIL			Yes
48	Dr (Mrs) Joanne Gomes			NO
49	Aruna AnimishPavate			NO
50	Dr. Vaishali Prashant Jadhav			Yes
51	Suvarna Pansambal			
52	Purva Parag Raut			yes
53	Lakshmi Kurup			Yes
54	Chhaya Narvekar			Yes
55	Sushama Khanvilkar			Yes
56	Prachi Prashant Kshirsagar			No
57	SHRIKANT PRABHAKAR SANAS			yes

58. Sorlali Mhatre.   Yes

59. B. W. Balkhande   Bala   Bala   NO

Page 129

FR. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Artificial Intelligence and Deep Learning 3 Days Workshop

Internal

Attendance 22/07/2018			
Sr. No	Name	Morning	Afternoon
1	Sangeeta Parshionikar	Sof	Sof
2	Monali Shetty	MShetti	MShetti
3	Heenakausar Pendhari	Hpdlani	Pendlani
4	Ashwini Pansare	Pansare	Pansare
5	Sunil Chandhari	Shend	Shend
6	Archana Lopes	lope	lope
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FR. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Artificial Intelligence and Deep Learning 3 Days Workshop

Sr. No	Name	Morning	Afternoon
	Attendance 23/07/2018		
1	santosh s saraf	AB	AB
2	Amroz Kamal Siddiqui		
3	Ms. Sulbha Satishkumar Yadav		
4	Jay Laxman Borade		
5	DIPALI YOGESH KOSHTI		
6	Supriya Kamoji		
7	SWATI MUKUL RINGE		
8	Kalpana Prasanna Deorukhkar		
9	Ashok Sarkar		
10	Rituraj Bidwai		
11	SURESH SUDAM KOLEKAR		
12	MAGDUM PANDURANG GANPATI		
13	Samruddhi Bidwai		
14	Reeta Koshy		
15	Dr. Ashwini Vkirant Malviya		
16	Pritish Arunrao Tijare		
17	Seema Kolkur		
18	Shachi Jayant Natu		
19	Shanthi Therese S.		
20	AMBHIRE VAIBHAV ANANT		
21	Khan Darakhshan Rizwan		
22	Sachin Balawant Takmare		
23	Kiran Deshpande		
24	amol kalugade		
25	Sachin Malave		
26	UTTAM KOLEKAR		
27	Pallavi Halarnkar		
28	Kaushiki upadhyaya		
29	Sonal Balpande		
30	Jalpa Mehta		
31	Milind Sudhir Khairnar		
32	Dr. Amol Raoji Madane		
33	Dr. Shubhangi Liladhar Vaikole		
34	DHANANJAY THECKEDATH		

35	Sheetal Mahadik		
36	Poonam Janardan Talele		
37	Pallavi Mahendra Bharambe		
38	Neelam Phadnis		
39	CHHAYA SHISHIR PAWAR		
40	Udaychandra A Nayak		
41	Sunantha Krishnan		
42	Dhiraj Amin		
43	Harshall Lamba		
44	Pramod Bidre		
45	Abhijeet Salunke		
46	MOHAMMAD AZMAT JAVED		
47	PRANALI SUDAM PATIL		
48	Dr (Mrs) Joanne Gomes		
49	Aruna AnimishPavate		
50	Dr. Vaishali Prashant Jadhav		
51	Suvarna Pansambal		
52	Purva Parag Raut		
53	Lakshmi Kurup		
54	Chhaya Narvekar		
55	Sushama Khanvilkar		
56	Prachi Prashant Kshirsagar		
57	SHRIKANT PRABHAKAR SANAS		

59 Sonali Mhatre

58 B.W. Balphde   Bala   Bala

FR. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Artificial Intelligence and Deep Learning 3 Days Workshop

Internal

Sr. No	Name	Morning	Afternoon
	Attendance 23/07/2018		
1	Sangeeta Parshuram		
2	Heenakausat Peullari		
3	Monali Shetti		
4	Sunil Chaudhari		
5	Archana		
6	Ashwini Pawane		
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Closing Report
Seminar on "Introduction to Blockchain Technology"

Date: 28ᵗʰ Feb 2019
Venue: Samvaad
Participants: 10 Faculty and 40 Students.
Resource Person: Mr. Vikash Kumar (Chief Marketing Officer, KMPARDS ENGG SOLUTIONS)

About Topic:

Block-chain is a decentralized ledger system that records transactions made in bitcoins or other crypto-currencies or other records in the form of interconnected blocks, chronologically. This means that there will be a lot of eyes on the records making it very difficult to tamper with the records or data. Each block contains some data, its own hash and some hash from the previous block. The hash from the previous block connects that block to the next block. Each hash is different and unique which means each block is different. Any changes made to the hash of a block lead to a change in the composition of a block. This way, the hash helps to detect any types of changes made to the block.

The block-chain technology came into existence in 2008 and was invented by Satoshi Nakamoto and has been a game-changer in the history of internet and data keeping since then. It revolutionized the way data was collected and has stepped the game up a lot. A number of factors lead to the widespread acceptance and appreciation of this technology all over the world.
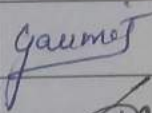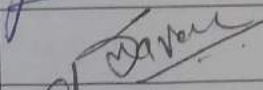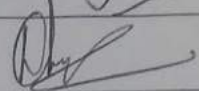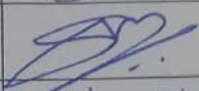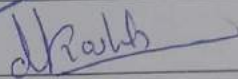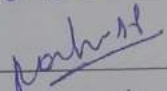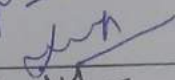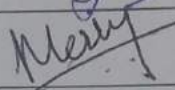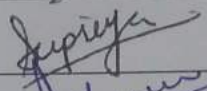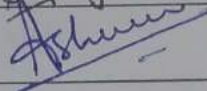
One major factor for the block-chain being such an amazing new technology is that it is almost impossible to change the data that has been stored in a block because before a block is added to the chain a cryptographic puzzle is solved. The computer that solves the puzzle then shares the solution with all the other computers on the network known as proof of work. The network then verifies the proof of work before adding the block to the chain. This verification of data by all the computers on the network ensures that we can trust data stored in each and every block.
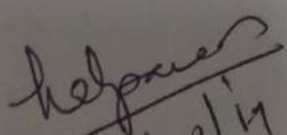
Course Details:
The resource person elaborated on blockchain technology in detail, inspiring students to learn this upcoming technology.

Attendance Sheet

Workshop on ML (22nd March 2019)

Sr No	Faculty Name	Sign
1.	Garima.Tripathi	Gaumes
2.	Sarika Davare	Davare
3.	Prajakta Dhamanskar	
4.	Sujata P. Deshmukh	
5.	Dipali Koshli	
6.	Roshni Padole	
7.	Swati Ringe	
8.	Merly Thomas	Merly
9.	Supriya kamoju	Supriya
10.	Ashwini Pansare	
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Kalpana
22/03/19

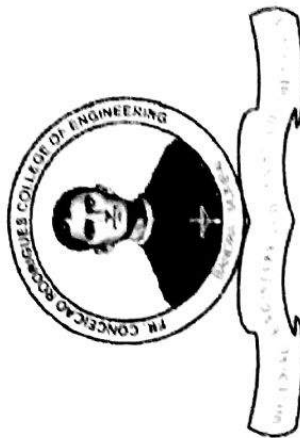Kalpana Deorukar
Computer Dept

National Level

Two-Days

Faculty Development Program (FDP)

On

RESEARCH METHODOLOGY AND STATISTICAL TECHNIQUES IN RESEARCH

9th and 10th March 2018

ORGANISED BY

Department of Production Engineering

Fr. Conceicao Rodrigues College of Engineering

PATRONS

Rev. Fr. Peter D'Souza: Local Superior
Rev. Fr. Valerian D'Souza :Director
Dr. Srija Unnikrishnan :Principal

CONVENORS

Prof. D. S. S. Sudhakar
Head of Department,
Department of Production Engineering
Email : sudhakar@frcrce.ac.in

Dr. V. S. Jorapur
Head of Department (In-charge),
Department of Production Engineering
Email : jorapur@frcrce.ac.in

COORDINATORS

Prof. Ketaki Joshi – Asst. Prof.
Mob.: 9833192523
Email:ketaki.joshi@fragnel.edu.in

Prof. Deepika Singraur – Asst. Prof.
Mob.: 8369699147
Email: deepika.singh@fragnel.edu.in

VENUE

Department of Production Engineering
Fr. Conceicao Rodrigues College of Engg.

Phone: 022-67114000 Fax: 022-67114200
E-mail: crce@frcrce.ac.in
Website: http://www.frcrce.ac.in

Two Days FDP on
Research Methodology and Statistical Techniques in Research
Organised By
Dept. of Production Engineering, Fr. CRCE, Bandra

REGISTRATION FORM

Name:

Designation:

Institution:

Address:

Phone:

Email:

Details of Payment:	DD* / Cheque* / NEFT** / cash

DD/Cheque No:

Bank:

Date:

Signature of Participant:

Date:

*DD/Cheque can be drawn in favour of "Fr. Conceicao Rodrigues College of Engineering", payable at Mumbai)

**Details for NEFT

Institute Name	Fr. Conceicao Rodrigues College of Engineering
Name of the Bank	CORPORATION BANK
Name of the Branch	BANDRA(W), MUMBAI 400050
Branch Code	0120
NEFT IFSC Code	CORP 0000120
Type of Account(10/11/13)	SB (Code- 10)
Account No.	520141000955023

ABOUT THE COLLEGE

Fr. Conceicao Rodrigues College of Engineering (CRCE), Mumbai is an 'A' grade college established in 1984 by the Society of St. Francis Xavier, and is named after its founder Late Fr. Conceicao Rodrigues.

Our College offers Bachelor Degree courses in Production Engineering, Computer Engineering, Electronics Engineering, Computer Engineering and Information Technology. The college also offers Masters and Doctoral courses in Mechanical Engineering and Electronics Engineering. The college is located at Bandstand, Bandra in a picturesque environment surrounded by the Arabian Sea. The Institute is approved by AICTE and affiliated to University of Mumbai. The UG programs Production Engineering, Electronics Engineering and Computer Engineering are provisionally *accredited by National Board of Accreditation*.

VISION AND MISSION

"Moulding engineers who can build the Nation"
Fr. CRCE has been a center of excellence in engineering education, moulding engineers with state-of-the art technologies, innovative skills and human values matching with the growing expectations of corporates and society, and thus plays an effective role in nation building.

HIGHLIGHTS OF THE PROGRAM

- Basic understanding of research, research methodology and statistics
- Demonstration of Statistical techniques prominently used in research
- Discussion on Approach and preparation towards research

PROGRAM SCHEDULE

Day1:
(Time: 9:30 a.m. to 3:30 p.m.)

- Inauguration
- Key note Lecture on basics of research methodology and statistics in research
- Theory session on Basics and types of Research, Research methodology, Types of Data, Descriptive Statistics, Sampling Strategies, Probability and Probability Distribution, Hypothesis Testing

Day2:
(Time: 9:30 a.m. to 4:00 p.m.)

- Demo Session on Statistical Techniques prominently used in research
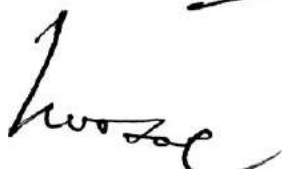- Discussion on Approach and Preparation towards Research Studies
- Valedictory Function and Closure

TARGET AUDIENCE

- Faculty members from varied engineering discip
- Ph.D. students from varied engineering discip

KEY NOTE SPEAKER

Dr. Usha Ananthakumar

Professor, Shailesh J. Mehta School of Managem IIT, BOMBAY

RESOURCE PERSONS

Dr. V.S. Bilolikar, Fr.CRCE
Dr. V. S. Jorapur, Fr. CRCE
Dr. B. T. Patil, Fr.CRCE
Dr. A. B. Rane, Fr. CRCE
Prof. Ketaki Joshi, Fr.CRCE

REGISTRATION FEES

Participant fees : **INR 1,200/-**

Last Date of Registration : **7th March 2018**

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29 January 2018

To,

The Principal,

Fr. Conceicao Rodrigues College of Engineering,
Bandra, Mumbai-400050

Subject: Request for Approval regarding Conduction of two-days FDP on "Research Methodology and Statistical Techniques in Research" on 9th and 10th March 2018.

Respected Madam,

Department of Production Engineering is willing to conduct two days FDP on "Research Methodology and Statistical Techniques in Research" on 9th and 10th March 2018. This FDP will be held with an objective of providing a basic understanding of research, research methodology and statistical techniques that can be used in research.

On day 1, participants will be gaining knowledge about basics of research, research methodology and statistics. On day 2, participants would develop understanding of statistical techniques in research though demo session of various statistical techniques that are prominently used in research followed by discussion on approach and preparation towards research.

The Details of projected Income and Expenditure is attached. Kindly Approve the above FDP.

Yours Faithfully

Head of Department
(Production Engineering)

Rev. Fr Valerian,
Kindly approve.

Projected Income Expenditure Statement For FDP on Research Methodology and Statistical Techniques in Research (9&10 March 2018)

Income		Expenditure	
Details	Amount	Details	Amount
Registration Fees @1200	24000	Remuneration to Resource Persons	4000
(Number of Participants)		Food Expenses	13500
20		Flowers and other hospitability Expenses	300
		Stationery Kits	4000
		Certificates and Banners	1200
		Excess Income Over Expenditure	1000
Total	24000	Total	23000

29 January 2018

To,

The Principal,

Fr. Conceicao Rodrigues College of Engineering,
Bandra, Mumbai-400050

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Yours Faithfully

Head of Department
(Production Engineering)

Rev. Fr Valerian,
Kindly approve.

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

PRODUCTION ENGINEERING

Organizing Committee for Two days FDP on "Research Methodology and Statistical Techniques in Research" to be conducted on 9th and 10th March 2018

Sr.No	Committee	Member
1	FDP Coordinators	Prof. Ketaki Joshi Prof. Deepika Singh
2	Brochure Preparation, Banner Design and printing, Certificate design and printing	Prof. M.V.B. Rao Prof. Ketaki Joshi
3	Publicity and Advertisement	Dr. V. S. Jorapur Dr. Bhushan Patil Prof. Ketaki Joshi Prof. Deepika Singh
4	Finance and Accounting	Dr. Vasim Shaikh Prof. M.V.B. Rao
5	Registration and Enrollment	Prof. Deepika Singh Prof. Yogesh Rampariya
6	Food Arrangement	Prof. Dipali Bhise Prof. Deepika Singh
7	Session management and Venue management	Prof. Prasad Kawade Prof. Hitendra Vaishnav
8	Hospitability and Invitation	Prof. Deepika Singh Prof. Ketaki Joshi

Head of Department

(Production Engineering)

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, Bandstand, Bandra (W) – 400 050

(Affiliated to University of Mumbai & Approved by AICTE, New Delhi)

Department of Production Engineering
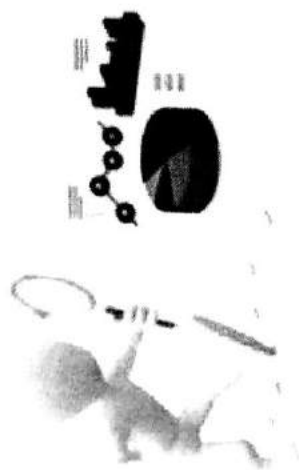
Certificate of Participation

This is to certify that _____ has participated

in National Level 2-Day Faculty Development Programme (FDP) on Research

Methodology & Statistical Techniques in Research held on 9th and 10th March 2018

in Fr. Conceicao Rodrigues College of Engineering, Bandra (W) – 50.

Convener   Head of Deptt. (Production Engg.)   Principal

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, Bandstand, Bandra (W) – 400 050

(Affiliated to University of Mumbai & Approved by AICTE, New Delhi)

Department of Production Engineering

Organizes

National Level Two-Days

Faculty Development Program (FDP)

On

Research Methodology & Statistical Techniques in Research

(9th and 10th March 2018)

To,

Date: 06/03/2018

The Head of Department,
Humanities & Science Department
Fr. CRCE,
Bandra – 50

Subject: Request for using seminar hall for Faculty Development Program on 9th March, 2018

Respected Madam,

We are conducting a 2 days FDP on Research Methodology and Statistical techniques in Research. Kindly allow to conduct this program in seminar hall on 9th March, 2018 from 9:00 a.m. to 3:30 p.m. Kindly approve.

Thanking You.

O.K
Sundy
07/03/18

Yours Sincerely

Deepika Singh S.
Program Co-ordinator

cc: Exam Cell
Rumao Sir (for mike arrangements)

To,
The Head of Department,
Humanities & Science Department
Fr. CRCE,
Bandra – 50

Date: 06/03/2018

Subject: Request for using seminar hall for Faculty Development Program on 9th March, 2018

Respected Madam,

We are conducting a 2 days FDP on Research Methodology and Statistical techniques in Research. Kindly allow to conduct this program in seminar hall on 9th March, 2018 from 9:00 a.m. to 3:30 p.m. Kindly approve.

Thanking You.

OK
Sunday
07/03/18

Yours Sincerely

Deepika Singh S.
Program Co-ordinator

cc: Exam Cell
Rumao Sir (for mike arrangements)

Note to the Principal: Participants, Faculty and Staff members attending college on 10th March 2018 for FDP

The department of Production Engineering has organized FDP today and tomorrow. 21 participants have registered for the program, who will be attending the program tomorrow on 10th March.

Following faculty/staff members will also be coming to college on 10th March 2018 for arrangement of faculty development programme on "Research Methodology and Statistical Techniques in Research" organized by Department of Production Engineering.
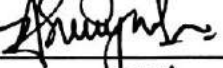
1. Dr. V. S. Jorapur
2. Dr. Vasim Shaikh
3. Prof. Ketaki Joshi
4. Prof. Deepika Singh
5. Prof. M V B Rao
6. Prof. Prasad Kawade
7. Sebastian Dias

Kindly Acknowledge.

Head of Department
(Production Engineering)

09/03/18

Date 8/03/2018

To,

The Principal,

Fr.Conceicao Rodrigues College of Engineering,

Bandra-400050

Subject-Sponsorship of candidates for two days FDP on "Research Methodology and Statistical Techniques in Research" on 9th-10th March 2018.

Dear Madam,

Department of Production Engineering is organizingtwo days FDP on "Research Methodology and Statistical Techniques in Research" on 9th -10th March 2018.

Kindly approve sponsorship of following candidates for above mentioned FDP.

1. Prof. Sundary Prabavathy
2. Prof. Brijmohan Daga
3. Prof. Anant Tarase
4. Prof. Garima Tripathi
5. Prof. Binsy Joseph

Thanking You,

Head of Department

(Production Engineering)

08/03/18

Details of the Participants Registered for the Program for
2-Days FDP on "Research Methodology and Statistical Techniques in Research"

(9th and 10th March 2018)

Sr. No.	Name of the Participant	Name of the College	Fees Amount Paid	Mode of Payment
1	Shivsagar G. sharma	Fr. CRCE, Bandra	1200	cash
2	Aishwarya S. Dandgawhal	Fr. CRCE, Bandra	1200	cash
3	Aniket T Suryawanshi	FRCRCE Bandra	1200	cash
5.	Niraja D. Magar	Fr. CRCE, Bandra	1200	cash
4.	Priyanka P kulkarni	FRCRCE, Bandra	1200	cash
6.	Ambadas H. Auti	FrCRCE, Bandra	1200	Cash
7	Samhita. Pashte	FRCRCE, Bandra	1200	Cash
8.	Javed Tajli	MHSSCOE Mumbai	1200	cash
9.	Santosh Dautale	S.S.I.S.COE Dombivli	1200	cash
10.	Binsy Joseph	FrCRCE, Bandra	Sponsored	—
11.	Prathamesh Tendulkar	Fr. CRCE, Bandra	1200.	Cash
12	Kunal Kapadia		Nov 1200/-	Cash

	R. S. Daga	Fr. CRCE, Bandra	Sponsored	
14	Rajesh Bisone	st.john Engg college palghar	1200/- cash	
15	Vinod G. Surange	St. John College of Engg. Palghar	1200/- cash	
16	ANANT N. TARASE	FrCRCE	SPONSERED	
17	Sunday Prabavathy	FR. CRCE	SPONSORED	
18	Garima Tripathy	FR. CRCE	SPONSORED	
19	Goella Subramania	,,	1200/- cash	
20	M. V. B. Rao	FR. CRCE	1200/-	
21	Deepika Singh. S.	FR. CRCE	1200/-	

2 Day Faculty Development Program on Research Methodology & Statistical Techniques in Research

Attendance Sheet
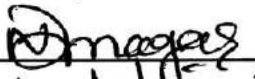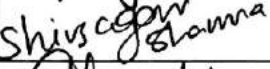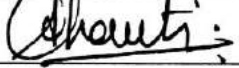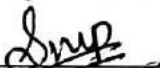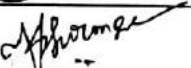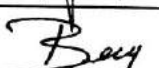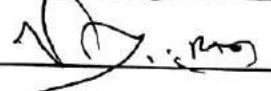
10/03/2018

S. No.	Name of Participant	Signature
1	Garima. T.	
2	Priyanka kulkarni	
3	Niraja D. Magar	Dmagar
4	Rajesh L. Bisane	Bisane
5	VINOD G. SURANGE	
6	Ambadas H. Auti	
7	Shivsagar G. sharma	Shivsagar sharma
8	Aniket T. Suryawanshi	
9	Samhita. Pashte	
10	Aishwarya S. Dandgauhal	Dandgauhal
11	Prathamesh Tendulkar	
12	Deepika Singh S.	
13	Santosh S. Dextale	
14	Javed Taili	
15	Sundary S. Prabavathy	
16		

2 Day Faculty Development Program on Research Methodology & Statistical Techniques in Research

Attendance Sheet

09/03/2018

S. No.	Name of Participant	Signature
1	Priyanka P. Kulkarni.	
2	Niraja D. Magar	
3	Aishwrya S. Dandgawhal	Dandgawhal
4	Aniket T. Suryawanshi	
5	Shivsagar G. Sharma	Shivsagar Sharma
6	Ambadas H. Auti	
7	Samhita. Pashte	
8	Prathamesh S. Tendulkar	
9	Rajesh Bisane	
10	Vinod G. Surange	
11	Binsy Joseph	
12	Javed Tajli	
13	B. S. Daga.	
14	MVB Rao.	
15		

Feedback for 2-Days Faculty Development Program on
"Research Methodology and Statistical Techniques in Research"
(9th and 10th March 2018)
organized by Department of Production Engineering
Fr. Conceicao Rodrigues College of Engineering, Bandra

Please √ against your choice of option

1. Name of Participant

   Mr. Vinod G. Surange

2. Are you satisfied with content of the course?
   - ✓ Very Much Satisfied
   - Satisfied to some extent
   - Not satisfied at all
   - Can't Say

3. Do you find content of this programme useful for you?
   - ✓ To great extent
   - To some extent
   - Not useful
   - Can't Say

4. Are you satisfied with level of interaction between course instructors and you?
   - ✓ To great extent
   - To some extent
   - No interaction
   - Can't Say

5. Are you satisfied with other arrangements like breakfast,lunch--etc?
   - ✓ To great extent
   - To some extent
   - Not satisfied
   - Can't Say

6. Please rate this programme on 1(Low)-5(High) Scale.
   - 1
   - 2
   - 3
   - 4
   - ✓ 5

7. Any other comments/suggestions for the improvement of the programme:

   In future If possible kindly organize 5 Days
   FDP, so all topics can be covered in depth.   **Signature of the Participant**

   Thank you for organizing this FDP. It will be
   helpful for me in future endevors.

Objective:

The FDP is aimed and designed to provide a better exposure for the faculty and students who intend to develop applications on FPGA. FPGAs are very popular due to their reconfigurable nature and provide solutions to many applications such as Consumer electronics, security systems, video & Image processing, wireless communication, medical electronics, aerospace, defense, neural networks etc. The main objective of the course was to identify emerging areas and develop new FPGA applications and enhance curriculum development. FDP also aim to provide practical exposure to participants and motivation to pursue their research work.

Participants:

We received **34 registrations**. Details are given in Annexure I

Arrangements:

Breakfast, tea and lunch were arranged for all the members reported for the program on both the days. Participants were given folder, writing pad and pen. Soft copy of all the presentations were mailed to them.

ACKNOWLEDGEMENT:

The coordinators of the workshop convey their sincere thanks for the help, commitment and dedication of all the faculty and supporting staff of CRCE for their timely support and assistance in organizing this event.

The coordinators wish to place on record their appreciation of the significant contribution and cooperation rendered by all the expert speakers for the smooth coordination of the program.

Last but not the least, we wish to thank all our participants for being a part of this event and make it a success.

Coordinators:

Ms. Sangeeta Parshionikar

Ms. Archana Lopes

Date : 12/03/2018

Programme Details:

The workshop was inauguarated on 23rd February 2018 at 9:30 am by Principal Dr. Srija Unnikrishnan and Dr. D.V. Bhoir, Head of Electronics Department. They also addressed the participants at the inaugural function.

Immediately after the inauguration, the session was started by **Mr. Abhay Phansikar, Acevin Solutions.** He introduced participants to FPGA, FPGA resources, its features and advantages. Sir guided them in when and for what all applications, FPGA can be used. He also discussed various case studies such as Radar timing controller, Video mixer, camera system management and Missiles & Munitions etc.

Post lunch session on first day was conducted by **Mr. Ganesh Gore, Chief Training Officer, Eduvance Ltd.** Sir started his session by introducing vhdl to participants.

Second day started with hands on FPGA. Participants were divided in groups of two. They started with the basic program of inverter, flip flops and so on. Sir told participants about various xilinx versions and FPGA boards and about selection of boards for the projects.

After this in the valedictory function, certificates were distributed to the participants . The programme concluded with vote of thanks by the co ordinators.

ANNEXURE-I

LIST OF PARTICIPANTS

Sr.No.	Name of the Participant	Mail id	Contact Number	College
1	RENJIT KOSHI	Renjiboy2580@gmail.com	9833435229	FRCRCE
2	SHIVANI ANEKAR	Shivanianerkar13@gmail.com	8856068314	FRCRCE
3	VINAYAK KAMAT	Omkarkamat1995@gmail.com	9768378307	FRCRCE
4	GAUTAM PODDAR	Gautam34pr@gmail.com	9619645378	FRCRCE
5	YADNESH DHANAWADE	yadneshsud@gmail.com	7738095355	FRCRCE
6	KAUSTUBH MHATRE	krexianclass@gmail.com	9082737352	FRCRCE
7	AAYUSH RAVICHANDRAN	Aayush2298@gmail.com	8879302551	FRCRCE
8	SEN RAJAN	Senmathew329@gmail.com	9145119604	FRCRCE
9	ERIC MORAES	Moraeseric123@gmail.com	9762443410	FRCRCE
10	CARLTON DSILVA	Dsilva.carlton711@gmail.com	8879119107	FRIT
11	SANGEETH SADANAND	Sans451991@gmail.com	8850437029	RAIT
12	VAIBHAV NAGAR	Vaibhavnagar08@gmail.com	9757386805	FRCRCE
13	GARY REBELLO	Geryreb1999@gmail.com	9833094079	FRCRCE
14	SINGH PRATIK	psinghty@gmail.com	8779128634	FRCRCE
15	SACHIN WAGLE	Sachinwagle1105@gmail.com	9769985905	FRCRCE
16	HEENAKAUSAR PENDHARI	Heenak.pendhari@frcrce.ac.in	982139870	FRCRCE
17	GAURAV KOLAPALE	Gaurav.kolapale54@gmail.com	9967662745	FRCRCE
18	PRATIK PANDIT	Pksp604@gmail.com	9819561502	VCET
19	SANJOSE MARY	Sanjosemary904@gmail.com	8281630343	RAIT
20	SHILPA PATIL	shilpa@frcrce.ac.in	9167262644	FRCRCE

21	VRUSHALI KATKAR	Vrushalikatkar08@gmail.com	9702147981	RAIT
22	NILAM PATIL	Nilam.patil@rait.ac.in	8879275526	RAIT
23	RUPALI GULANDE	Rupali3185@gmail.com	7738843073	RAIT
24	KHUSHBU PICHANDE	Khushbu.pichande3@gmail.com	9892346541	RAIT
25	PRANIT PAWAR	pranit.pawar@hotmail.com	9029906986	FRCRCE
26	SAKSHI BHOSALE	Sakshi.bhosale@gmail.com	9757296001	FRCRCE
27	ANUJA INDORE	Anuja.indore@gmail.com	9892941660	FRCRCE
28	MUFEEZ LAMBAY	mufeezlambe@gmail.com	9920763581	FRCRCE
29	AKHIL MASURKAR	Akhil.masurkar@vit.edu.in	9819063308	VIT
30	SWATI KULKARNI	Swatikulkarni494@gmail.com	9960834763	Gulbarg a Uni.
31	SHASHWATI SHENDE	shashashende@gmail.com	7420960478	FRCRCE
32	ISHPREETKAUR DHAM	Ishu.dham@gmail.com	8655740605	FRCRCE
33	SWAPNAJA LIMKAR	Swapnaja.limkar@gmail.com	9619380776	FRCRCE
34	GANESH BHIRUD	ganesh@frcrce.ac.in		FRCRCE

ANNEXURE II

BUDGET

BALANCE SHEET			
Sr.No.	Item	Expenses(Rs)	Income(Rs)
1	Food	14000	
2	Certificates	392	
3	Honorarium	6000	
	Total(A)	20392	
	Income		
1	Faculty registration		9000
2	Student Registration		17500
	Total(B)		26500
	Balance(A-B)	**6108**	

Schedule
Two Day Workshop on "Hands on FPGA Applications"

Day	Time	Topic	Speaker
23/02/2018	9:00 -9:30	Registration and Breakfast	
	9:30-10:00	Inauguration	
	10:00-11:15	Keynote Speech	Mr. Abhay Phansikar
	11:15-11:30	Break	
	11:30-1:00	Case study Discussion	Mr. Abhay Phansikar
	1:00-2:00	Lunch	
	2:00-3:30	Introduction to FPGA	Mr. Ganesh Gore
	3:30-3:45	Tea Break	
	3:45-5:15	Hands on Session on FPGA	Mr. Ganesh Gore
24/02/2018	9:15-9:45	Breakfast	
	10-11:30	Hands on Session on FPGA	Mr. Ganesh Gore
	11:15-11:30	Break	
	11:30-1:00	Hands on Session on FPGA	Mr. Ganesh Gore
	1:00-2:00	Lunch Break	
	2:00-3:30	Hands on Session on FPGA	Mr. Ganesh Gore
	3:30-4:00	Valedictory Function	

Two Days
Faculty Development Program
On

Hands-on FPGA Applications
23th - 24th Feb, 2018
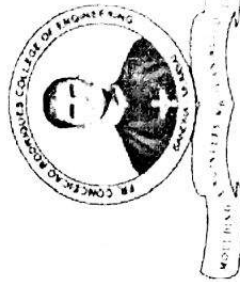
Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, BandStand,
Bandra (W),
Mumbai-400050

Organi[...]

Department of Ele[...]ineering

❖ PATRONS
Fr. Peter D'souza: Local Chairman
Fr. Valerian D'souza: Director
Dr. Srija Unnikrishnan: Principal

❖ CONVENER
Dr. Deepak Bhoir
Professor and Head
Department of Electronics Engineering

❖ COORDINATORS
Prof. Sangeeta Parshionikar
Contact No. 9869 400 891
E-mail: sangeeta@fragnel.edu.in

Prof. Archana Lopes
Contact No. 9890599604
E-mail: archana_lopes@fragnel.edu.in

◎ TARGET AUDIENCE
- Faculty and students of Engineering Colleges
- Faculty/Industry personnel with research interests in related areas

◎ COURSE FEES
Academic Professionals: Rs. 1000
Students / Research scholars: Rs. 700

Please address all communication to:
HOD, Department of Electronics Engineering
Fr. C.R.C.E.
Fr. Agnel Ashram, Bandstand,
Bandra (W), Mumbai 400050
Website: http://www.frcrce.ac.in

Take BEST Bus of route No. 211 from Bandra Station (W)
to reach Fr. Agnel Ashram

REGISTRATION FORM

Name:-

Designation:-

Institution:-

Address:-

Phone:-

E-mail:-

Details of payment

(DD/Cheque can be drawn in favor of
"THE PRINCIPAL, FR. CRCE ,
BANDRA[W]", Payable at Mumbai)

DD/Cheque No:-

Bank:-

Date :-   /   /

Signature of Participant :-

To

The Principal,

Fr. CRCE, Bandra,

Mumbai.

Subject: Permission for sponsoring the staff members for the FDP on

Hands -on FPGA applications.

Respected Madam,

Department of Electronics Engineering has organized a two day workshop , 'Hands -on FPGA applications' on 23rd -24th Feb. 2018.The workshop is highly technical and based on the core field in Electronics Engineering. We do not have any participants from other departments of our institute. We need our staff members to be trained in this field. So I request you to sponsor following staff members from the department itself.

1. Ms. Shilpa Patil

2. Ms. Heena Pendhari

3. Mr. Ganesh Birud

I request you to allow me and permit to sponsor above mentioned staff members.

Yours respectfully

Dr. Deepak V. Bhoir

Professor and Head,

Department of Electronics Engineering.

Date: 22/02/2018

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

BANDSTAND, BANDRA (W), MUMBAI - 400050
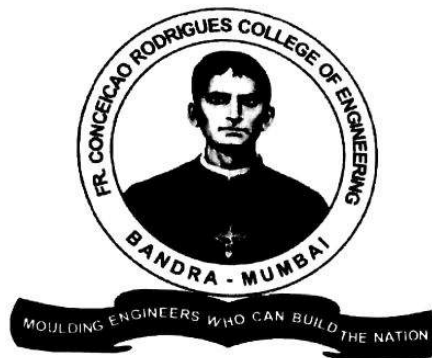
This is to certify that

Mr. / Ms. _Vaibhav Nagar_

has participated

in

TWO DAY WORKSHOP
on

HANDS ON FPGA APPLICATIONS
(23rd & 24th February 2018)

Organized by
Department of Electronics Engineering,
Fr. C.R.C.E., Bandra, Mumbai- 400050.

Ms. Sangeeta Parshionikar
Co-ordinator

Dr. D.V. Bhoir
HOD, Electronics Engineering

Dr. Srija Unnikrishnan
Principal

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING, BANDRA, MUMBAI -50
Two- Day Workshop on
Hands on FPGA Applications
23rd and 24th February 2018
Feedback Form

Kindly rate the programme on a scale of 1 (min) to 5 (max).

23.02.2018	Interest generated	Usefulness	Quality of presentation	Clarity in presentation
	Yes	Yes	Good	Good
24.02.2018	Yes			
FPGA Learning	Y.es	Yes	Good	Good

In what way the programme could have been improved?	Kindly arrange for. 5days FDP. 2 days are very short period
Over All Conduct	Good.
Any other comments?	
Suggest topics / areas of interest for future programme	1. VHDL programing 2. IoT 3.
Name & Institute Name(optional)	Ms. Swati Kulkarni Gulbarga University

feed
fo

Report on Technical Paper Presentation Seminar.

5th August , 2017 Fr.CRCE

IEEE CRCE .

    IEEE Student Chapter of Fr.CRCE organized a seminar on Technical Paper Presentation on August 5th, 2017.The speaker for the seminar was Dr. Surendra Singh Rathod of Sardar Patel College of Engineering. This seminar was conducted with the aim to provide a clear insight into the Local, National & International Technical Paper Presentation which is very important for engineers who wish to propose & exhibit their ideas across the world.

    This session commenced with an interactive doubt raising questions by the students pertaining to Technical Paper which helped in understanding the student's perspective of the Technical Paper. Following which the Agenda began with 'What is Technical Paper?' and the guidelines on 'How to Present the Technical Paper?' were explained. Various platforms for publishing a research paper were shown and how one should select the best platform to publish the Research Paper was discussed.

    There was a brief description about the structure of the Research Paper i.e Abstract, Introduction, Implementation, Results Conclusion,etc. and then moved on to the Reference materials for the research paper wherein students were strictly guided about what should be their reference. Dr. S.S Rathod said *"A good reference indicates the perfect base of the*

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050.
Phone: 022-26423841/42, Fax: 022-26516831
Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

IEEE CRCE
Branch Code: STB60351

CRCE

research".The students were explained about *Plagiarism* and its various scenarios were revealed to the students.

Dr. S.S. Rathod believes that the sole purpose of research is "To See the Unseen that Exists". Finally he emphasized that the students must choose a single technical domain for research and adhere to it.

This seminar was very helpful to the students. It cleared many doubts pertaining to "Publication of research paper", "How to Write the Paper".. This seminar proved to be a successful event as the students now have a better understanding of the Technical Paper Presentation and gave an overwhelming positive response. The total Participation for the Seminar was 47 students across all Branches.

Reported by Stanley Ricky

SE Representative (IEEE - CRCE).

Branch Counsellor(IEEE-CRCE)

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050.
Phone: 022-26423841/42, Fax: 022-26516831
Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

(no subject)
1 message

Shashwati Shende <shashashende@gmail.com>   Mon, Aug 7, 2017 at 12:27 PM
To: pallavimohokar08@gmail.com

Hello Friends!!□□□

Placement Season is Here!!!!!

Whether your aim is to get placed in a *dream company* or you want to pursue *higher education* in a reputed institute it is important to have an *attractive CV*!

And a *Nationally or Internationally published Technical Paper* can be a Crown Jewel of any good CV!

Now a lot of questions may pop in your mind !

What exactly is a technical paper?

How to go about converting your ideas into a great technical paper?

What is the correct way to write a technical paper?

But no need to worry!

Every question you have about writing a *Technical Paper* will be answered in the *Seminar* organized by *IEEE CRCE*!!

The seminar will be conducted by *Dr. S.P Rathod HOD Electronics Department at the Sardar Patel Institute of Technology*.

He will teach you how exactly to shape your ideas into a precise and informative technical paper!

□The Seminar Will *Cost only Rs.50*

□It will be held on *5th Aug* between *10 a.m. to 12 p.m.*

□Venue: *5th Floor Seminar Hall*

□College Address:
Fr. Conceicao Rodrigues College Of Engineering
Bandstand,Bandra West Mumbai-400050

□College Information:
https://g.co/kgs/r8uiL2

□ *Important:Please* *don't forget to carry your college ID card*

Those who are interested please fill up the Google form Attached below!

For more information Contact:
Pranit: 9029906986
Aasawari: 7506020926

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050.
Phone: 022-26423841/42, Fax: 022-26516831
Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

IEEE CRCE
Branch Code: STB60351

IEEE-CRCE Student Branch

Date:24th July 2017 .

To

Dr S.S. Rathod

HOD of Electronics Department,
Sardar Patel Institute Of Technology.

SUB: - Invitation as a speaker for the seminar on Technical Paper Writing on 5th August 2017

Dear Sir,

IEEE-CRCE in collaboration with WIE-CRCE is organizing its first event "TECHNICAL PAPER PRESENTATION SEMINAR", on 5th August 2017 from 10am to 12pm, as part of the academic events for the year 2017-18.

The seminar will be held in the seminar hall from 10am– 12pm. Our college is one of the most active student chapters of the Bombay section. This event will provide the students an opportunity to enhance their technical writing skills and knowledge. The event would help the students to contribute to the research community by presenting their ideas effectively.

If any additional details contact us at ieee.crce@gmail.com. We hope to hear from you soon.

Thanking you,

Regards,

Dr. D.V. Bhoir

(H.O.D-Electronics Department)

Mrs. Kranti Wagle

(Branch Counsellor, IEEE CRCE)

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050.
Phone: 022-26423841/42, Fax: 022-26516831
Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

CRCE

IEEE CRCE
Branch Code: STB60331

IEEE-CRCE Student Branch

Date:5th August 2017

To

Dr. S.S. Rathod,

HOD of Electronics Department,

Sardar Patel Institute Of Technology.

Andheri (W).

SUBJECT: LETTER OF APPRECIATION

Dear Sir

On behalf of IEEE-CRCE Students' Branch and all the Faculty members, we would like to express our heartfelt gratitude for taking out time from your busy schedule to conduct a seminar on, Technical Paper Presentation held on 5th of August 2017.

The seminar has accomplished its objective. From the feedback that we received, the seminar was a grand success and this would not have been possible without your diligence. We sincerely appreciate the efforts that you have taken and also for sharing your time, talent and expertise with us and the students.

We hope to continue receiving your guidance and support in our future endeavors.

Thanking You,

Yours sincerely,

Dr. D.V. Bhoir

(H.O.D-Electronics Dept.)

Mrs. Kranti Wagle

(Branch Counsellor, IEEE CRCE)

FEEDBACK

NAME: ROHAN BAICHWAL

RATE US ON THE FOLLOWING ASPECTS: [1(MIN) TO 5(MAX)]

	1	2	3	4	5
ORGANIZATION OF THE EVENT				✓	
OVERALL EVENT AND PRESENTATION					✓

WE WOULD REALLY APPRETIATE YOUR VALUABLE COMMENTS:

WAS THE PRESENTATION INTERESTING ?	very interesting
HOW CAN WE IMPROVE THE PRESENTATION ACCORDING TO YOU?	Would like you to increase the time
ANY OTHER COMMENTS?	Grateful for the seminar

Thank You

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)
Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai - 400050
Phone: 022-26423841/42, Fax: 022-26516831
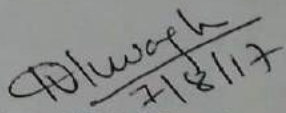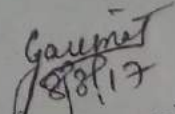Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

IEEE CRCE
Branch Code: STB60351

CRCE

SYNERGY 2017 (CAN YOU ESCAPE ?)

24th August , 2017 Fr.CRCE

IEEE-WIE CRCE

The IEEE-WIE Student Chapter hosted a fun & thrilling event with a Technical touch 'Can You Escape ??' for Fr. CRCE's SYNERGY 2017 Festival. This event was a massive hit amongst the students of the college as it required problem solving skills and presence of mind in the spookiest situation. The only chance of escape was to decode and defuse the bomb in the limited time.

Each team constituted of two players, the Decoder and Defuser. The theme of the setup was a dark night with a telephone booth and an isolated room. The decoder had to solve the questions in the telephone booth and call the defuser who is seated in the isolated room to unplug the respective wire and defuse the bomb. Not simple as it seems, the team has to keep their calm and presence of mind as they are surrounded with frightening music and flickering lights in a pitch dark surrounding with the continuous ticking clock. Two questions result in their escape while an error results in bomb explosion & the team dies (game over!)

The participation was overwhelming and people showed up in large numbers. More than 15 teams participated and found the event to be both thrilling and adventurous. We received a positive response and the participants found the game to be creative . Event was successful in creating zeal and euphoria amongst the students of all branches and years at SYNERGY 2017.

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IEEE CRCE
Branch Code: STB60351
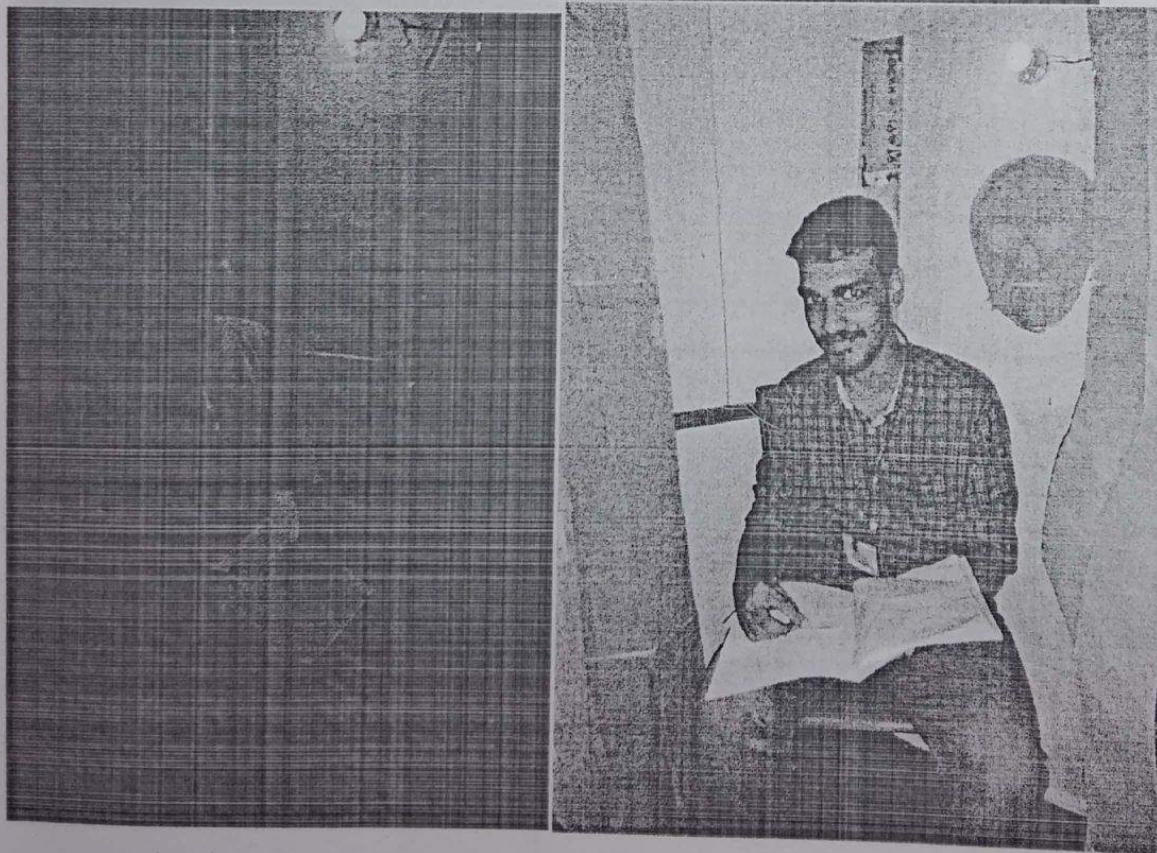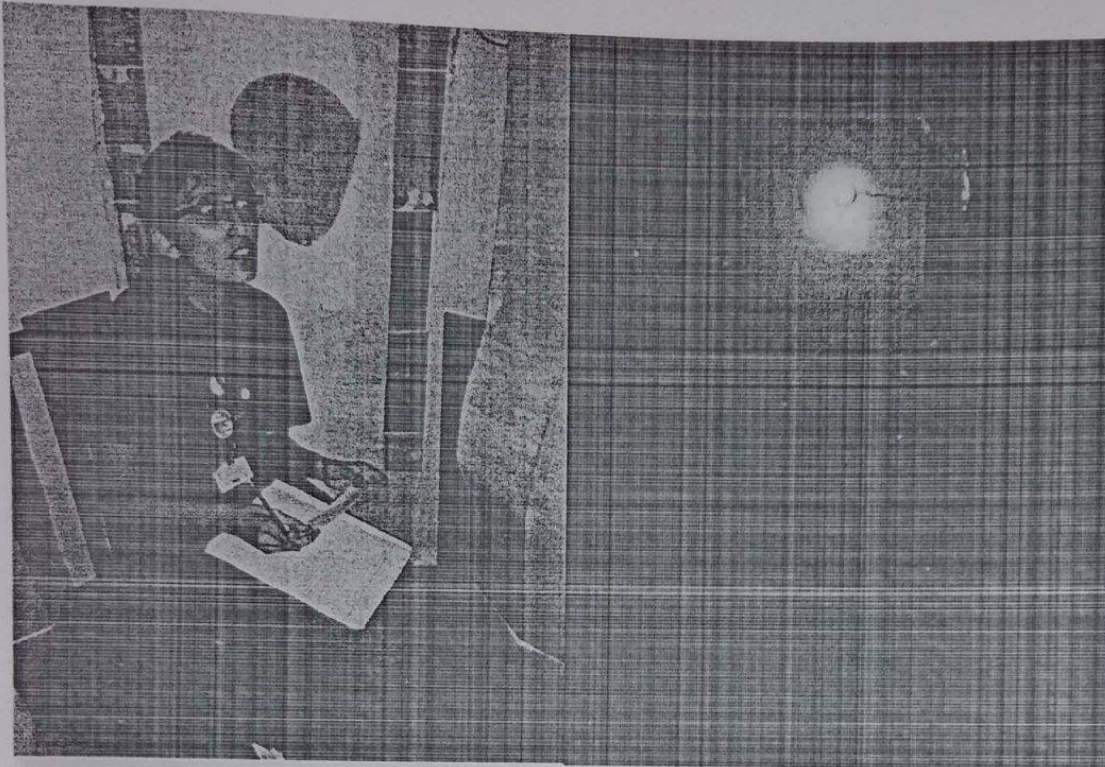
CRCE
SBA 60351

Students Decoding the Clues at the Phone Booth :

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WIE
CRCE

Report By:

SE REPRESENTATIVE (IEEE- CRCE)

Stanley Ricky

Branch Counsellor(IEEE-CRCE)

Prof. Kranti K. Wagle

(WIECRCE)

Branch Counsellor
(WIE-CRCE)
Prof. Garima Tiwari

PCB MAKING WORKSHOP

14th September 2017 Fr.CRCE.

IEEE-WIE CRCE

IEEE CRCE had organized a workshop on PCB making on 14th September 2017. This workshop was conducted with the aim to foster skill development as part of IEEE-WIE's lab introduction initiative and to celebrate the spirit of Engineer's Day. This workshop was lead by the Technical Heads Mr.Pranit Pawar and Mr.Sebastian Chennattu for the students of Second Year Electronics.

This workshop was of two sessions, Designing the PCB followed by Development of the PCB using the UV Etching Method. The Designing session started with an introduction about types of circuit boards and their pros and cons.. The students were given the clear insight of PCB. Then the designing part was explained to the students using a students-friendly open source software called FRITZING. Each and every students were able to design their own PCB design.

Following the Designing Session, the PCB Development Session commenced in the PCB lab. This session began with an interesting explanation of the procedures in PCB making . Every steps were explained to the students and an instruction leaflet was provided. As this was an hands on workshop each students were given a separate boards. The students were experimentally made to do their own PCB. Each group consisted of 5 students dedicated to develop one PCB. The students were so enthusiastic to do it by their own. The chemicals involved in this process were addressed to the students. In short the brief description was given to the students. The clear insight of the process was given.

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Phone: 022-26423841/42, Fax: 022-26516831
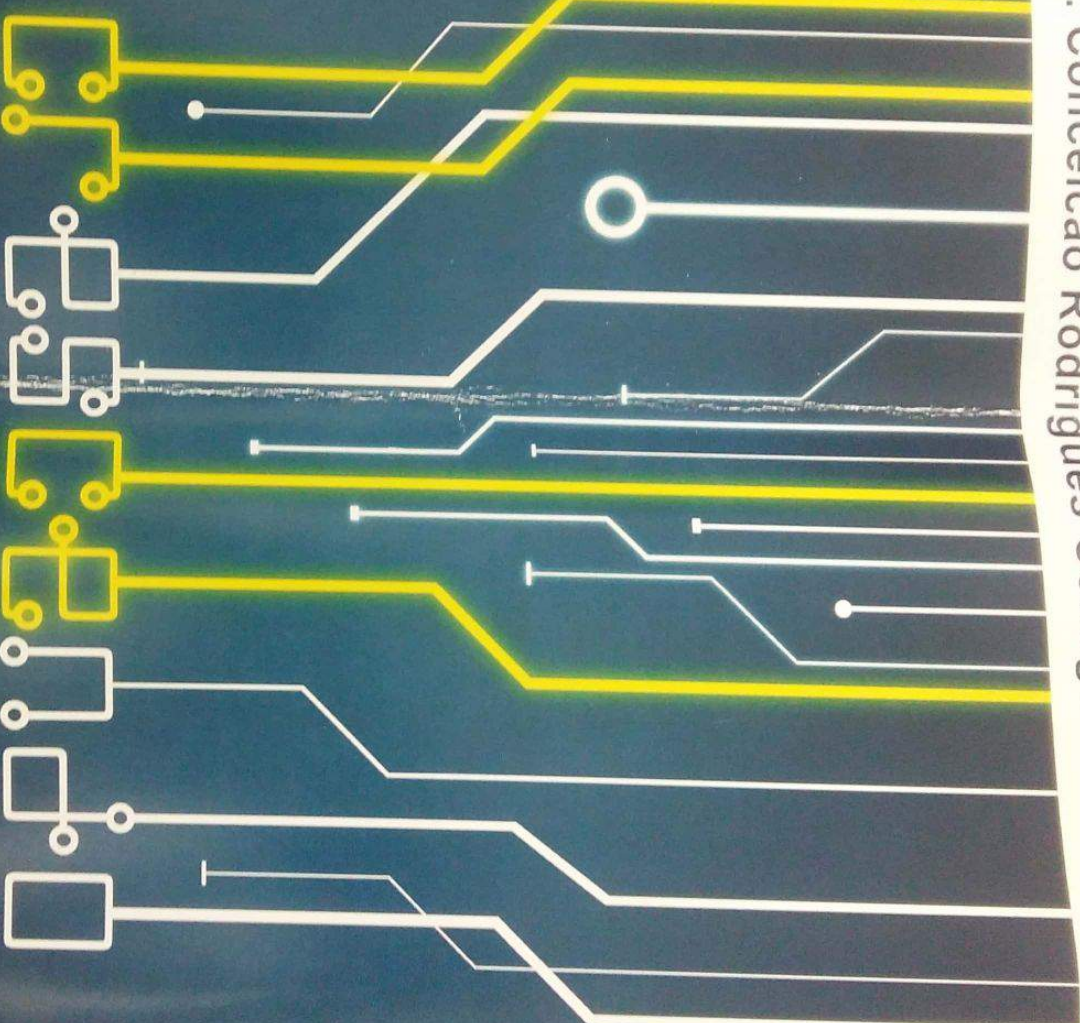Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

IEEE CRCE
Branch Code: STB60351

CRCE

The PCB Making workshop successfully imparted the knowledge of PCB making as the students now can make use of this newly acquired skill in making their mini-projects, BE projects etc. We received an overwhelming response which was reflected in the feedback forms.

Reported by Sakshi Bhosle.

(VCP- WIE CRCE)
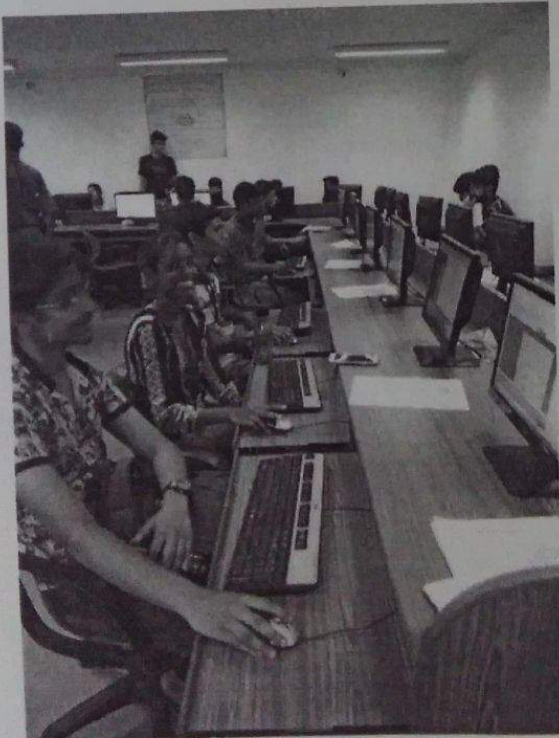
Branch Counsellor-IEEE

21/09/17

Fr. Conceicao Rodrigues College of Engineering
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Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050.
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Branch Code: STB60351

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Fr. Conceicao Rodrigues College Of Engineering
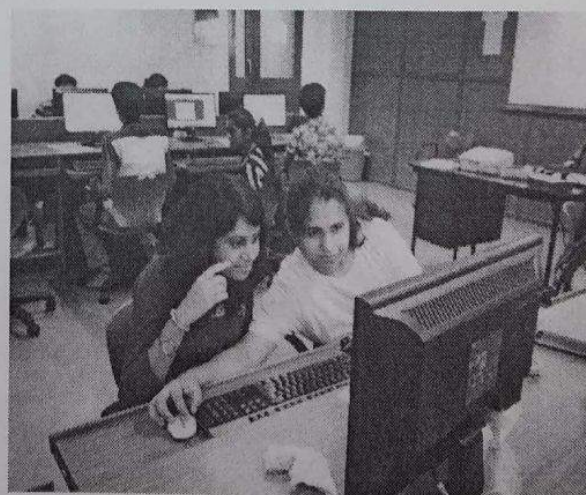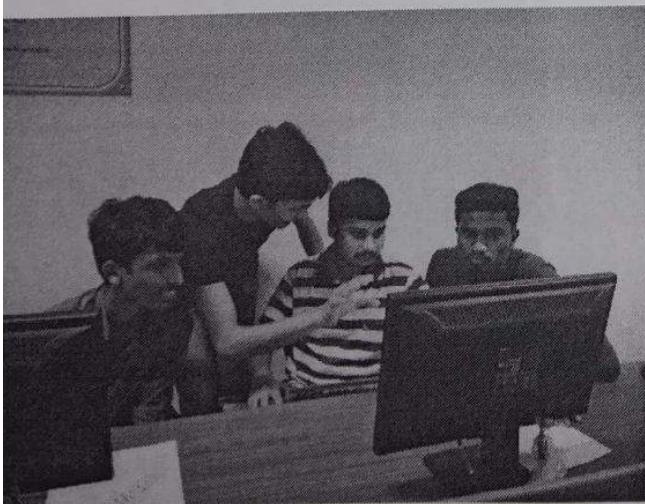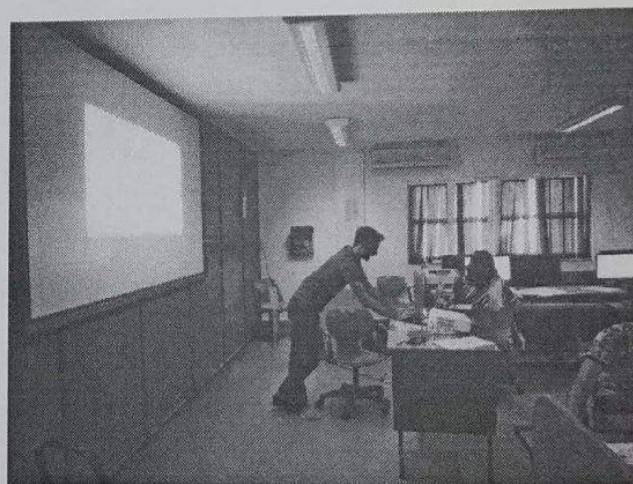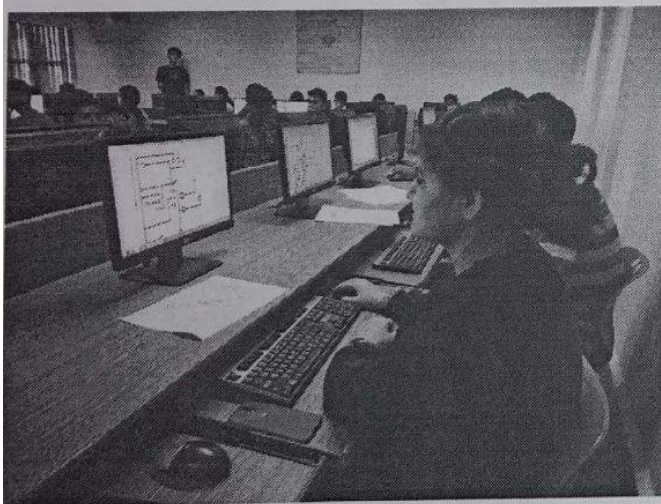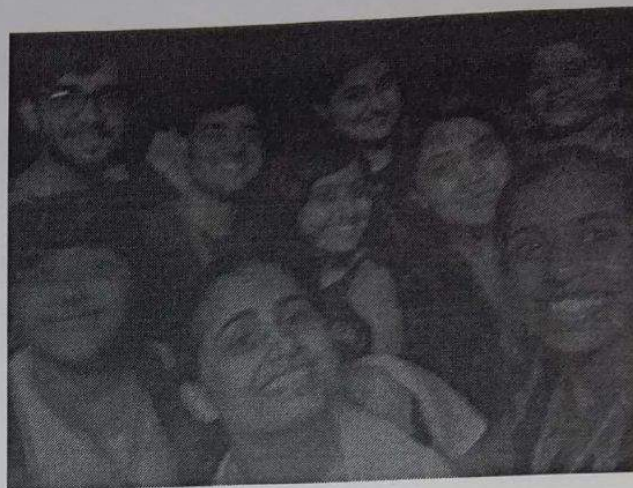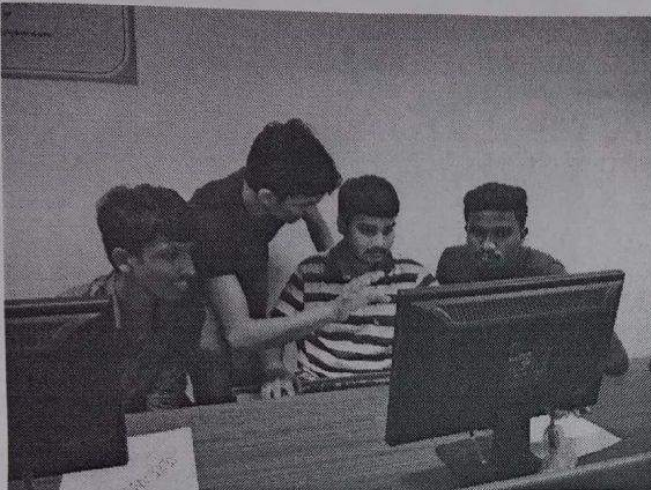
WORKSHOPS

CanSat
PHP Workshop
Python Seminar
Road Safety & Drug Abuse
Awareness
Home Automation
Gesture Robotics

TECHNICAL EVENTS

Suspension Bridge
Tech Talk
Rube Goldberg
Machine Design
Paper Bag Making Machine
Lathe Wars
CAD Wars
Housie Coding
Algoholic

Prizes worth more than
Rs. 1 Lakh

16th - 17th March

2018

Celebrating 60 years of Fr Agnel Technical Complex, Bandra

crescendo.crcestudentcouncil.in

For any queries contact : Aditya Chachad - 98335 37343 / Ryan Furtado - 75078 58717 / Shweta Wahane - 836-9935735

STATE LEVE
COMPETITION

Project Presentati
Technical Deba
Technical Qu
RoboSu

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Typing
Squiggly Movie
Word
Treasure
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Defuse The B

E - SPOR

Counterstrike
Game Of Co

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING.

Bandstand, Bandra (W), Mumbai 400 050.

CRESCENDO 2018

PRESENTS

PROJECT COMPETITION
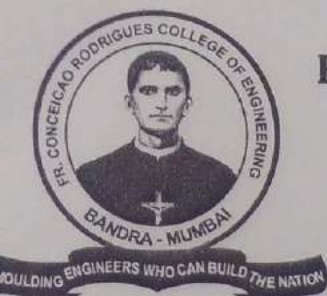
ORGANISED BY:

IEEE CRCE & WIE CRCE

MARCH 16th, 2018

INSTRUCTIONS

RULES :

1. One team must contain minimum 2 and maximum 4 members.
2. Candidates must send the abstract of the project and its details before the date of submission.
3. Spot enteries are not allowed.
4. Selected Candidates will be intimated through their respective email-id.
5. Selected candidates should bring their Identity cards at the day of the event.
6. Only undergraduate students are allowed to participate.
7. Any misconduct/misbehavior will lead to disqualification of the team.
8. AC power supplies and equipments will be provided. In case of any other requirement it should be requested to the organisers 1 week prior to the competition.

IMPORTANT DATES :

Last Date for Abstract Submission: 27th March, 2018.

Last Date for Selection of Proposal: 3rd March 2018.

Registration Deadline of Selected Candidates: 6th March 2018.

PROJECT PROPOSAL :

1. ABSTRACT:
   a. The problem statement/Need for developing the project.
   b. Novelty/Innovative aspect.
2. PROJECT IMPLEMENTATION:
   a. Working Principle
   b. Hardware or Software Simulation.
   c. Observation/Results
3. FEASIBILITY
4. REFERENCES
5. VIDEO OF THE WORKING PROJECT.

ELIGIBILITY CRITERIA:

All SE, TE & Final Year Engineering Students & Diploma Students are eligible for participation.

REGISTRATION FEE :

FOR IEEE MEMBERS : Rs. 200/-
FOR NON-IEEE MEMBERS : Rs. 300/-

CONTACT :

PRANIT PAWAR : +91 9029906986
AASAWARI NAMJOSHI : +91 7506020926
SEBASTIAN CHENNATU : +91 9870932330
STANLEY RICKY : +91 9987148766

Email-ID : ieeewie2017@gmail.com

PRIZES WORTH : RS 30,000/-

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.
Phone : (022) 6711 4000, 6711 4101, 6711 4104 • Fax : 6711 4100
Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

Ref.: CRCE / 2018

Date: April 11, 2018.

To
Prof. Juzer Vasi
Professor
IIT, Bombay

SUBJECT: LETTER OF APPRECIATION.

Dear Sir,

On behalf of IEEE-CRCE Students' Branch and all the Faculty members, we express our heartfelt gratitude for delivering speech on "India's 100 GW National Solar Mission : Opportunities and Challenges" for our SKEP Programme held on 11th April , 20118
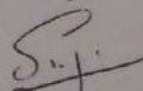
SKEP programme is to provide **life-long learning and skill upgradation of professionals.** It motivates, inspires the young student community and endow them with a rare insight into what the industry has to offer and its expectations, thus helping them ease their entry into corporate life.

The Seminar has accomplished its objective. From the feedback that we received, the event was a grand success and this would not have been possible without your diligence. We sincerely appreciate the efforts that you have taken and also for sharing your time, talent and expertise with us and the participants. We hope to continue receiving your guidance and support in our future endeavors.

Once again, IEEE-CRCE thanks you for your time and effort.

Thanking You,

Yours sincerely,

(DR. SRIJA UNNIKRISHNAN)
PRINCIPAL

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai – 400 050.

Expense / Advance Settlement Statement

Name of the employee / student	Kranti K. Wagle
Department and Designation	Electronics / Assistant Professor
Date and Place of visit	11/4/18
Amount of advances drawn (Rs.)	
Date of Receipt of Advance	
Purpose of Advance	IEEE SKEP Programme 11th April

(Original Bills / Report on the visit/ events must be enclosed with the statement)
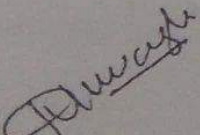
Details of Expenses
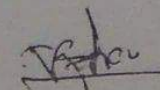
Sr.No.	Bill No.	Particulars	Date	Amount (Rs.)
1.	1296	Magazines (5 Quantity)	18/4/18	1400
2.	2096	Lunch	11/4/18	735
3.	1303	Momentos	10/4/18	1200/
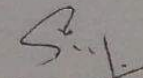
Advance Drawn Nil

Total Expenses 3,335/-

Balance to be received / returned

Signature of Employee / Student   Signature of HOD   Principal

To
The Principal,
Fr CRCE,
Bandra (West)
19/4/18

Subject:- Bill Clearance for SKEP Program Organised
by IEEE on 11th April 2018

Respected Madam,

I kindly request you to reimburse the expenditure towards the SKEP Program organised by IEEE-CRCE on 11th April
I am enclosing the Bills for the same. Kindly do the needful.

Thanking You

Yours Sincerely
(Branch Counsellor IEEE-CRCE).

Reimburse from the IEEE-CRCE account-

NISAR BROS

GSTIN No.: 27ADRPN6078M1ZK

Bansidhar Bhavan, Below Hotel Bandra Residency, Turner Road,
Bandra (West), Mumbai - 400 050.

Tel.: 022-26427974 | Mob: 9821307706 | Email : nisarbandra@gmail.com

Date : 18/4/18

No. 1296

BILLING DETAILS

Purchaser Name : OMKAR JOSHI

GST TIN: _____

Billing Add: _____

Description of Goods	Qty.	Rate	Amount
B/W copy			
Colour Copy			
B/W Printout			
Colour Printout (Magazine)	5	280	1400:00
Plotting			
Jumbo Copy			
Lamination			
Visiting Card			
Spiral Binding			
TOTAL AMOUNT			1400:00

For NISAR BROS

9769091874
308 MAYUR PIXL

AMRUT SAGAR
Fast Food & Restaurant
Shop No. 283, Rizvi Palace
Hill Road, Bandra(W), Mumbai 50
Ph.:26515765, 26407665
P.:26515765/2, 456865
Mob.:9892412,9769174272

TAX INVOICE
Date: 11/04/18   Bill No. : 2095
Roy: SANTOSH C. NAIK

Particulars	Qty	Rate	Amount
SPL PIZZA	1	180	180
VEG PULAV (TAVA)	2	170	340
BTR MILK	3	60	180
Sub Total :			700.00
SGST @2.5% :			17.50
CGST @2.5% :			17.50
Total :			735

3/8
GSTIN: 27AHCFA5258P1ZX   (11:11 AM)
E.&O.E.   Thank You   Visit Again

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IEEE CRCE
Branch Code: STB60351

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FEEDBACK – PROJECT COMPETITION

NAME: Prasad Anil

RATE US ON THE FOLLOWING ASPECTS: [1(MIN) TO 5(MAX)]

	1	2	3	4	5
ORGANIZATION					✓
HOSPITALITY					✓
OVERALL EVENT					✓
JUDGES DECISION				✓	

WE WOULD REALLY APPRETIATE YOUR VALUABLE COMMENTS:

SOCIETY OF ST. FRANCIS XAVIER PILAR'S

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 50. Tel.: 6711 4000 Fax: 6711 4100

Receipt No. : 30895   Date   : 22/03/2018

Name : FR. C. RODRIGUES COLLEGE OF ENGG   Roll No. : 1276

Course : Office   Semester :

	Amount (Rs.)		Amount (Rs.)
IEEE A/C	12,800.00		
		Total	12,800.00

Amount in words - Rupees Twelve Thousand Eight Hundred Only

Cash   :   12,800.00   Cheque No   Registration fees of

Drawn on:
Project Compitition of IEEE

Refund of Fees as per Rules   *Receiver's Signature*

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Website: www.crce.org.th-crce, Email: www.crce@gmail.com

CRCE

IEEE CRCE
Branch Code: STB60351

IEEE-CRCE Student Branch

14/03/2018

To

Dr. Vishwesh Vyawahare,
Professor and Head,
Department of Electronics,
RAIT, Nerul, Navi Mumbai

SUB: - Invitation to Judge Technical Project Competition CRESCENDO 2018

Dear Sir

Greetings from the IEEE Students' Branch of Fr. Conceicao Rodrigues College of Engineering. Our institute takes pride of being more than 25 years in existence. It is one of the most reputed engineering colleges in Mumbai University.

Our college is one of the most active student chapters of the Bombay section. Also we have had the prestige of hosting the All India Student Congress in 2010. We are now in the 10th year, organizing a National Level Technical Project Competition on 16th March, 2018. This event will provide the students an opportunity to demonstrate their technical, analytical skills and contribute to the research community by presenting their ideas effectively.

We will be honored to have you as one of our esteemed judges for the Technical Project Competition. We believe that your knowledge will be instrumental in the judgment of the Projects. We hope to hear from you soon.

Thanking you,

Regards,

Dr. Srija Unnikrishnan
(Principal)

Prof. Kranti Wagle
(Branch Counsellor, IEEE CRCE)

16th March 2018.

To
Dr. Vishwesh Vyawahare
Professor and Head,
Department of Electronics
RAIT, Nerul

Subject: Letter of Appreciation

Respected Sir/Madam,

On behalf of Crescendo 2018 organized by Fr. Conceicao Rodrigues College Of Engineering, we hereby express our sincere gratitude and appreciation for your esteemed presence as a judge for the event Project Competition organized by IEEE-CRCE council of this College.
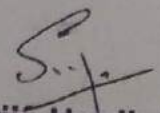
We thank you for taking time out of your busy schedule and for making this event successful. We sincerely appreciate the efforts that you have taken and also for sharing your talent and expertise with us and the participants.

We hope to continue to receive your guidance and support in our future endeavors.

Thanking you,

Yours truly,

(Prof. Dileep Chandra)
Teacher In-Charge

(Dr. Srija Unnikrishnan)
Principal

SKEP REPORT

IEEE-CRCE organized one of its most anticipated event SKEP on 11th April 2018. SKEP stands for Skill Enhancement Program. The idea behind SKEP is to bringtogether speakers from different technical backgrounds having years of Industry knowledge and experience to share their thought about the various technologies they are working on and the advances taking place their fields. Not only do the students learn about the latest technologies but also get a view of the bigger picture ahead. This time we were honored to have two of the brightest minds in technology Dr.Juzer Vasi (IIT-B) and Mr.Ashok Jagatia(President Acevin Solutions).

Dr.Juzer Vasi is an Emeritus Fellow of the Indian Institute of Technology Bombayand an eminentProfessor at the Department of Electrical EngineeringIIT-B.He did his Ph.D. from The Johns Hopkins University, Baltimore, USA, 1973. And has published and presented over 150 papers in journals and at international conferences. He has been actively involved in improving ways to generate renewable energy using solar energy. In this small session, we discussed India's 100GigaWatt National solar mission, various opportunities, challenges and improvements that can be brought by using solar energy.

The 100 GIGAWATT mission:

As of January 30,2018,India has achieved a milestone 20 GW in cumulative solar installations in eight years. The National Solar Mission had initially set the target of 20 GW installed capacity by 2022.Since we were able to complete the mission 4 years in advance the govt. is now working to achieve the revised target of 100GW by 2022.

The solar mission itself is a part of the greater 175GW national renewable energy target. According to Dr.Vasi ', If we are able to continue as planned, solar energy will be able to contribute a huge percentage of energy to the national renewable energy target'. To put this into perspective the current utility electricity sector in India has one National Grid with an installed capacity of 340.53 GW of which Renewable power plants constituted 32.2% of total installed capacity. One must note that of the 20GW of current solar installations about only about 1.6 GW is rooftop solar. Ideally, all available rooftops should have solar cells with net metering. Net metering reduces demand for power from the utility when the solar array is generating electricity – thus lowering the utility bill. If executed efficiently rooftop solar holds very huge potential in contributing to the solar mission.

Solar Energy Generation:

The concept of generating such huge amounts of solar power sure sounds exciting but how exactly do we generate it?

As of today two of the most widely used methods to generate solar power are

1)CSP(concentrated solar power)

2)P.V (Photo-voltaic cell)

1)CSP(Concentrated solar power): In this method of solar power generation solar energy is concentrated into a very small region ensuring high DNI (direct normal incident radiation).In this region of

highly concentrated solar energy heat is generated which can be used to generate steam which is used to run turbines. Although it produces power with greater efficiency it has a very high installation and maintenance cost.

2)P.V(Photo-voltaic cell): Photo-voltaic cells use semiconductors to directly convert solar energy into usable electric energy. Unlike CSP it does not require concentrated solar energy to generate current even dispersed sunlight produces electricity. Its simplicity, ease of use, long life and almost negligible maintenance makes it one of the most preferred methods for solar energy generation.

According to Dr.Vasi, the usage of P.V cells can help us reach the 100GW goal much quicker than any other technology currently in use. Thisensures that we can set up large power plants in a very short time thereby quickly quenching the thirst for more energy. Every Solar module consists of 60-70 solar cells which can generate around 350-360W of energy by the year 2017 solar energy cost around $0.40/watt. This clearly indicates that P.V cells have reached and even crossed the grid parity. Grid parity is when the cost of generating solar power is equal to generating power from a power station.

Opportunities:

1)Clean Source of energy:

- Solar energy gives us a very good reason to move on to renewable energy sources, unlike any other energy resource the production of solar energy is very clean i.e there is relatively very less damage to the environment by its usage.
- It is a great way to mitigate the pollution and other problems produced by electricity derived from fossil fuel.
- Solar power systems help increase something called "peak load generating capacity," thereby saving the local utility from turning on expensive and polluting supplemental systems during periods of peak demand.

2)Rural Employment:

- The Mahatma Gandhi Institute for Rural Industrialisation (MGIRI) at Wardha developed a unique device —a solar charkha.The traditional charkha can produce about 2,000 running meters of khadi in an hour while the solar charkha can produce about 3,500 running metersat the same time.These kinds of inventions help boost the rural khadi industry.
- Areas in and around Bihar are known to have very high deposits ofgroundwater yet farmers used to face crop failure not until recently. In 2016 the govt. introduced the solar irrigation scheme which introduced the farmers to solar powered water pumps. Since then the farmers have gotten rid of the costly and polluting diesel pumps and have only doubled their profits.

3)Manufacturing In India:

- Manufacturing solar panels in India has become simpler and upcoming companies are being helped by the govt. only recently the Ministry of New and Renewable Energy Resource claimed that module manufacturing facilities and the country were obsolete. And in a concept note, the ministry stated that it would pledge 11,000 cr. as 'direct financial support' and technology upgradation fund for the solarmanufacturer.
- Dr.Vasi also expressed concern over the fact that the number of Indian companies involved in solar cell manufacturing and module assembly was very low in India as compared to other countries like

China. This can be attributed to the heavy subsidies given by the chines govt. to their companies which helps them attain a huge seller base, this eventually leads to dumping of modules in our country. Although it may be good for achieving our current goals but accepting the dumped modules not only destroy local business but also hamper the country's growth

- Embedded software:Embedded software is computer software, written to control machines or devices that are not typically computers i.e they may be microcontrollers.
- Multicore RTOS: RTOS basically stands forreal-time operating system it operates on data and delivers output as soon as it comes in.These kinds of systems are time bound and must have well defined time constraints If the system does not work within these time constraints the entire system can fail.Multicore RTOS allows us to have faster RTOS systems with better processor utilization and improved predictability thus giving us the ability to create demanding yet reasonable applications in shorter time and at a lowercost.

New Trends in Embedded Systems:

- Artificial Intelligence: The growth AI seems almost unstoppable with newer AI-based applications popping up every month or so. The one thing that can help optimize and improve its performance are dedicated hardware embedded systems.
- Internet of Things:Intelligent Internet of Things is like The God of Small Things in embedded applications development, it reigns supreme. As per a mammoth prediction by Gartner, about 8.4 Billion connected "Things" will be in use by the end of this year and at the heart of all those 8.4 billion devices will be embedded systems.
- Healthcare: With the ever increase in demand for knowledge for one's own health and its maintenance. The healthcare industry is waiting to be explored especially since the era of smart devices has only begun.To keep buoyancy of the industry, hospitals and clinics are making the quickest sprint to embedded technology-based innovations like sensory tattoos, surgeon microbots, medical tablets and bedside terminals.
- Home-Automation: Almost everything around us is going to automate at the tip of our fingers. Our homes are no exception, home automation tightly integrates IOT technologies with household equipment and A.I to create an almost seamless perfectly automated house.
- Automotive: Embedded systems play a very important role in the automotive industry. The future is here self-driving cars, automatic car parking, obstacle sensing and avoidance all of this is now possible only due to the integration of smart microprocessor. With the improvement of embedded technology, we can expect vehicles to become even smarter.

Indian-Issue:

- Mr. Ashok was very frank with us when he explained the current scenario in India, according to him and many Industry experts, even though India has the resources to develop high quality embedded systems ,here it lacks the skilled manpower to manage it. This issue can be solved by improving the training of engineers to ensure that their training is fine-tuned to current industry standards.

## Opportunities in embedded systems in India:

- Embedded System is the future. Every industry needs some artificial intelligence into it and artificial intelligence can be given by embedded systems only. No electronic product is without embedded systems in the market.
- A lot of career opportunities are available in embedded systems. Some of them are as follows:
  - Embedded Software Engineer (firmware)
  - System Software Engineer (kernel& RTOS)
  - Application Software Engineer (device drivers)
  - Software Test Engineer.
  - Embedded Hardware Engineer.
  - Embedded System Trainer.
  - Marketing & Sales Executive.
- We were also reminded by Mr.Ashok that even though the starting packages are not as high as freshers but once we gain an experience of 3-4 years we will get better packages.
- Another important opportunity that he highlighted was teaching embedded technology to freshers.

This year's SKEP was marked with the unveiling of our IEEE-CRCE edition magazine aptly called 'Technobuzz'.

It is filled with details of all the amazing workshops, exciting games, technical seminars and the yearly Industrial visit conducted by the IEEE-CRCE chapter of 2017-18. Not just that we have a technical section entirely devoted to explaining all new and emerging technologies in the current market.

The event was a huge success with total 98% attendance from SE ,TE and BE Electronics. Staff members of Electronics Department were also present .Finally everyone attending SKEP 2018 were able to take back some new ideas and experiences with them.
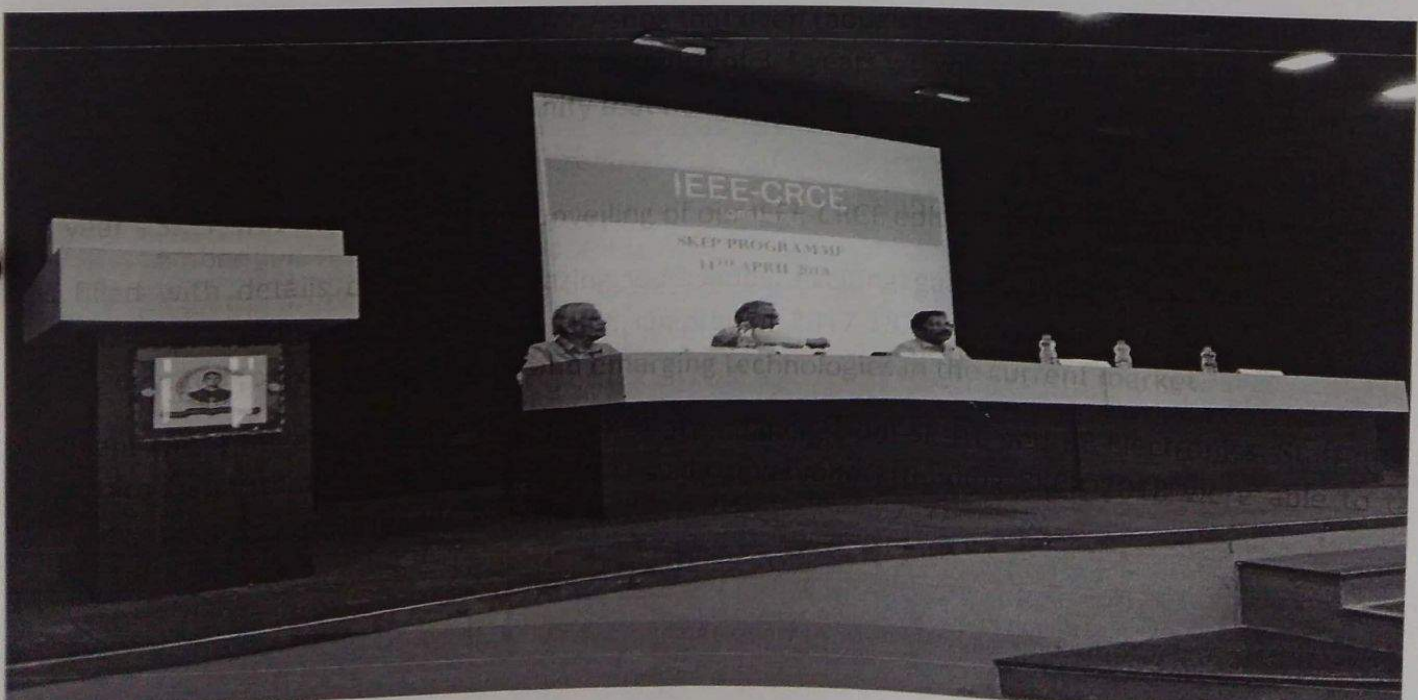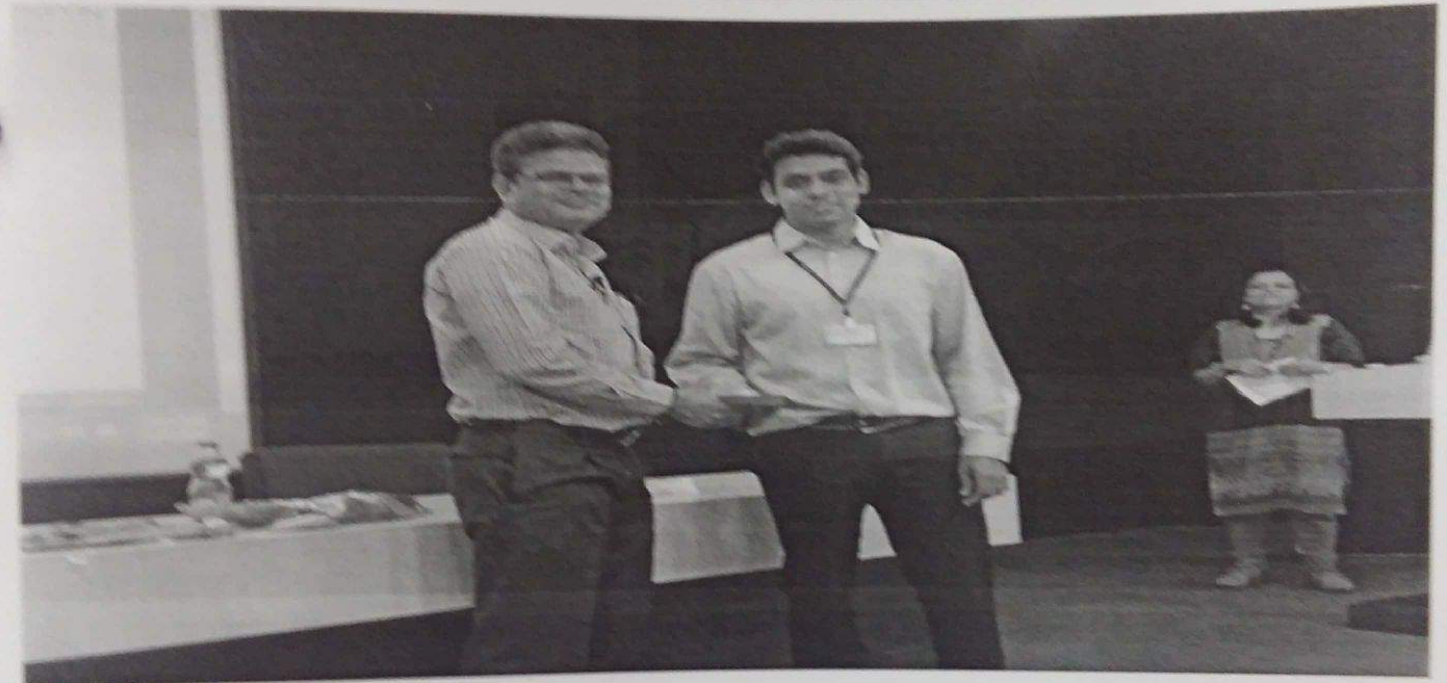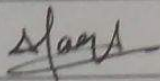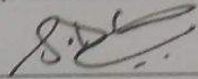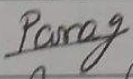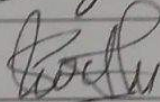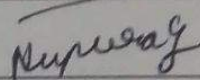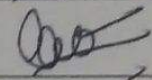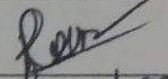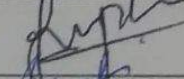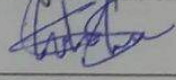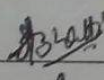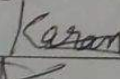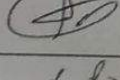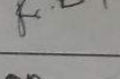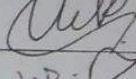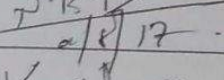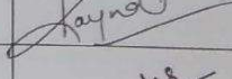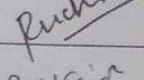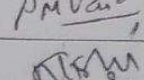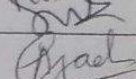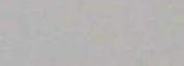
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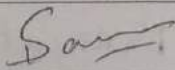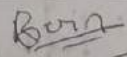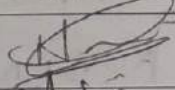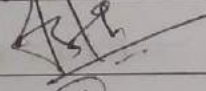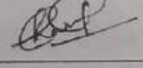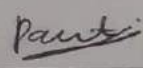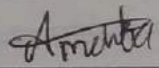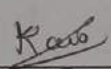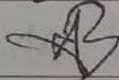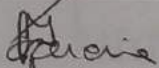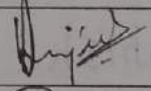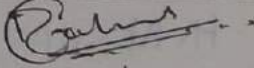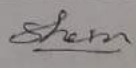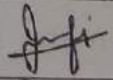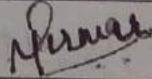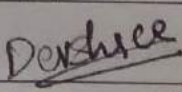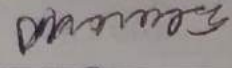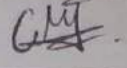
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51	DRISHTI MITRA	BE COMPS	
52	SHAUN SEBI Kollann	BE COMPS	
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60	Priyank Shah	TE IT	Priyank
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127	Shan Pereira	BE Comps	Shan
128	Jeffi Edelbert	BE COMPS	Jeffi
129	Manasi Parmar	TE - IT	Parmar
130	Devshree Shinde	TE-IT	Devshree
131	Dhananjay ojha	TE - IT	Dhananjay
132	Jaydeep Ranotiya	TE - IT	
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136	ROBIN JOURI	TE - IT	Rb
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138	~~Shushmita Agnihotri~~	TE - IT	Anota
139	Omkar S Naik	TE-IT	Onais
140	Ambarish Patankar	TE-IT	Patank
141	~~Siddhanth Dhawan~~	TE = IT	Patra
142.	Ark. Dave	TE-IT	A Dave
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144	Amit Kawad	TE IT	Amitkawad
145	Rahish Rayon	TE IT	Rahn
146	H. AKSHAY KUMAR. G	TE - IT	Akly
147	Supasna Shetty	TE-IT	Shetty
148	Disha Solanki	TE-IT	Disha
149	Atharva Raut	TE - IT	Arat
150	Tanvi Rasam	TE - IT	TVRasam
151	Divya Vaughan	TE -IT	Div
152	CHARLES WILLIAM	TE - IT	william
153	GAURAV VERMA	TE - IT	Gaurav Verma
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155	Stephen Carvalho	TE-IT	SC
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Organized by WIE-CRCE in association with the Placement Cell
9th August, 2017
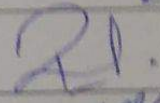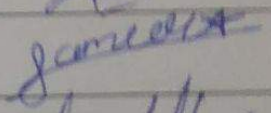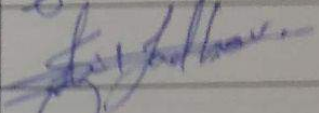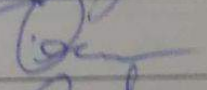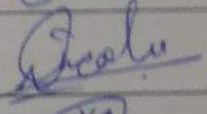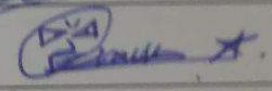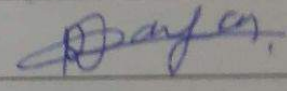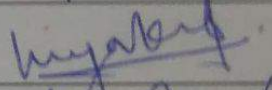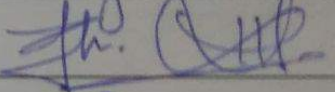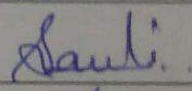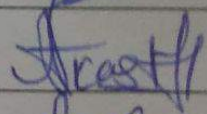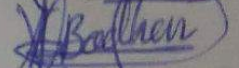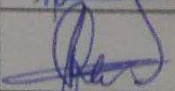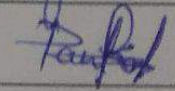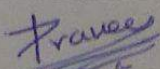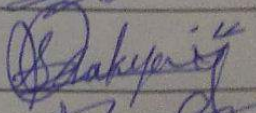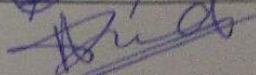
General Feedback

1	What was the most interesting and informative part of this session?	AWS, MonGoDB
2	Did you get an exposure to the current scenario in the industry? Yes/No	Yes
3	Suggests areas of interest for future courses	Data Analytics
4	Overall Rating of the session: 1. Good 2. Average 3. Excellent	Average

Sign:

Name:

SPARKC
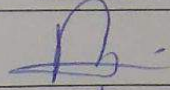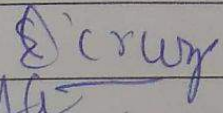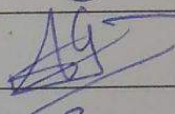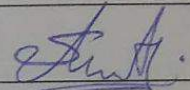
DATE: 19/08/17

SR.NO	NAME	CLASS/ DIV	SIGNATURE
1	Sabio Kerketta	9th	
2	PRAMOD LINGDAM	10th	
3	SAMEER.S	8th	
4	Sahil.J	8th	
5	VINAY.J	10th	
6	Aaron.D	8th	
7	VAIBHAV.J	10th	
8	RANJAN	10th	
9	RUPESH	9th	
10	VINAYAK.S	XI	
11	VINAYAK.P	Xth	
12	Hritik.S	XI	
13	Sushant.G	XIth	Sauli
14	Aniket.S	XI	
15	Akash.L	XII	
16	Ratan.C	IX	
17	Nikhil B.	VII	
18	Robert	IX	
19	Pankaj	IX	
20	PRAVEEN	IX	
21	SHUBHENDRA	X	
22	Birendra	X	

23	NOble D'cruzi	IX	Noble
24	JEVIYAR youraj	VIII	Jeviyar
25	Sumil.M	VII	Brett
26	Rohit.S	VIII	Rohit
27	Alroy.F	V	Alroy
28	Mathew	V	Mathew
29	Johnson	VII	Johnson
30	Nitin	V	Nitin
31	Johnny	VII	Johnny
32	shaun	VI	shaun
33	Rohit.R	VI	R
34	Amarjeet.S	IV VII	Ajee
35	K.Sarath Sampy	VIII	
36	Vedant.P	VII	Vedant
37	Savio	X	
38	caliex	VII	caliex
39	Agnel	VI	Agnel
40	Sahir.S.	X th	
41	Sukhwinder	VII th	khwinder
42	Sujal	VI th	
43	Christopher	VII th	christopher
44	Mahesh	VIII	Mahesh
45	Ankit	X th	Ankit

SR.NO	NAME	CLASS/ DIV	SIGNATURE
46	Adarsh	IX	
47	CHETAN	8th	
48	Eric	VIII	Scruy
49	Aloy	VIII th	
50	Sudarshan	VIII th	S.
51	Sohail	VIII th	
52	Shane	VI A	
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FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING, FR. AGNEL, BANDRA, MUMBAI-50

SPARKC

Organized by WIE-CRCE
19th August, 2017

General Feedback

1	What was the most interesting and informative part of this session?	Practical.
2	Did you get to learn through the experiment demonstrated? Yes/No	Yes
3	Suggests areas of interest for future sessions.	Machine.
4	Overall Rating of the session: 1. Good 2. Average 3. Excellent	Good ✮✮✮

Name: Sign:

Fr. Conceicao Rodrigues College of Engineering
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IEEE CRCE
Branch Code: STB60351

CRCE

SPARCK 2017

24th August , 2017. Fr.CRCE

WIE-IEEE CRCE

The 7th Annual SPARCK Event was organised under the patronage of WIE - IEEE Student Chapter of Fr. Conceicao Rodrigues College of Engineering for the children of Fr. Agnel Ashram , Bandra. This event is organised every year with a view to ignite young minds with scientific temper and spark a sense of curiosity into the realm of technological advancements among them.

Our theme for the this year was "Electronics is Fun !" was aimed at covering fundamental concepts of electronics in the simplest and interactive way. The event commenced with showing a comic episode of the "Mr. Bean Series - A visit to the Science Exhibition". It tickled the funny bone of the children and also generated an interest to know the mechanism behind the projects displayed in the video. Seeking this opportunity, the Council members explained how to construct one of the games and provided materials for the same. The game required the children to make a small wire loop which was to be moved through a wire loop. The moment the hook touched the loop, the buzzer was activated indicating the player has lost. The experiment disguised as " The BuZz Wire" game taught them the basic concepts of circuit making and breaking. The children were engaged in playing , as this game tested their skills of steadiness and concentration. The child who completed the loop in

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minimum amount of time without touching the loop was declared as the winner.

This experiment was fruitful in raising a plethora of questions on the working of the circuit and components by the students. Thus the Council members addressed to the queries by explaining the working of the components (i.e batteries, buzzers, etc) and fundamental concept of Voltage, Resistance and Current in the form of a presentation in the simplest manner. This was an enlightening experience as it changed their perception of looking at things. What seemed as a mere table now consisted of Protons, Electrons and Neutrons!

This event was witnessed by a vast age group ranging from students of Standard 5th to 8th and received an overwhelming response. Students were delighted and requested to us to organize more of such free seminars on topics like RC Cars, etc and gave a positive feedback.

Thus staying true to its name, WIE-IEEE CRCE was continued to enlighten children to perceive things with a scientific approach, ignite innovative intuition and above all sparked a curiosity to understand things in depth with the SPARCK 2017 event.

Vice Chairperson (IEEE-WIE CRCE)

Aasawari Namjoshi
Garima Tripathi (Branch Counsellor)

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1. Introduction to the Topic

1. Mr. Beans Video

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Branch Code: STB60351
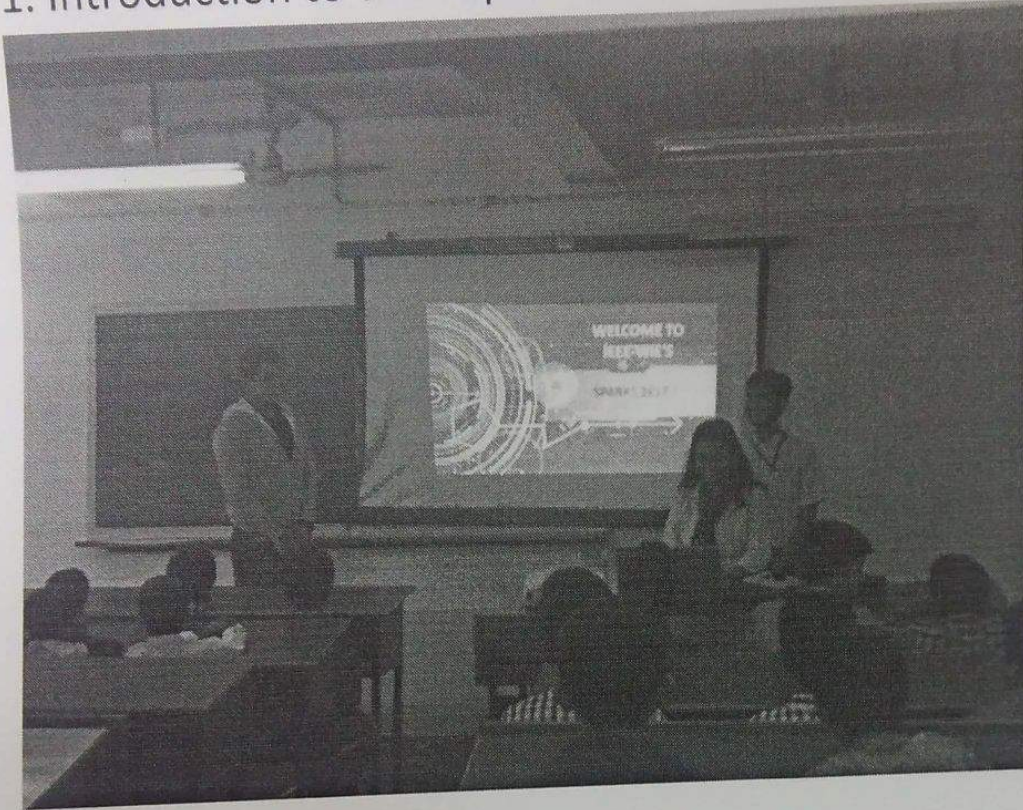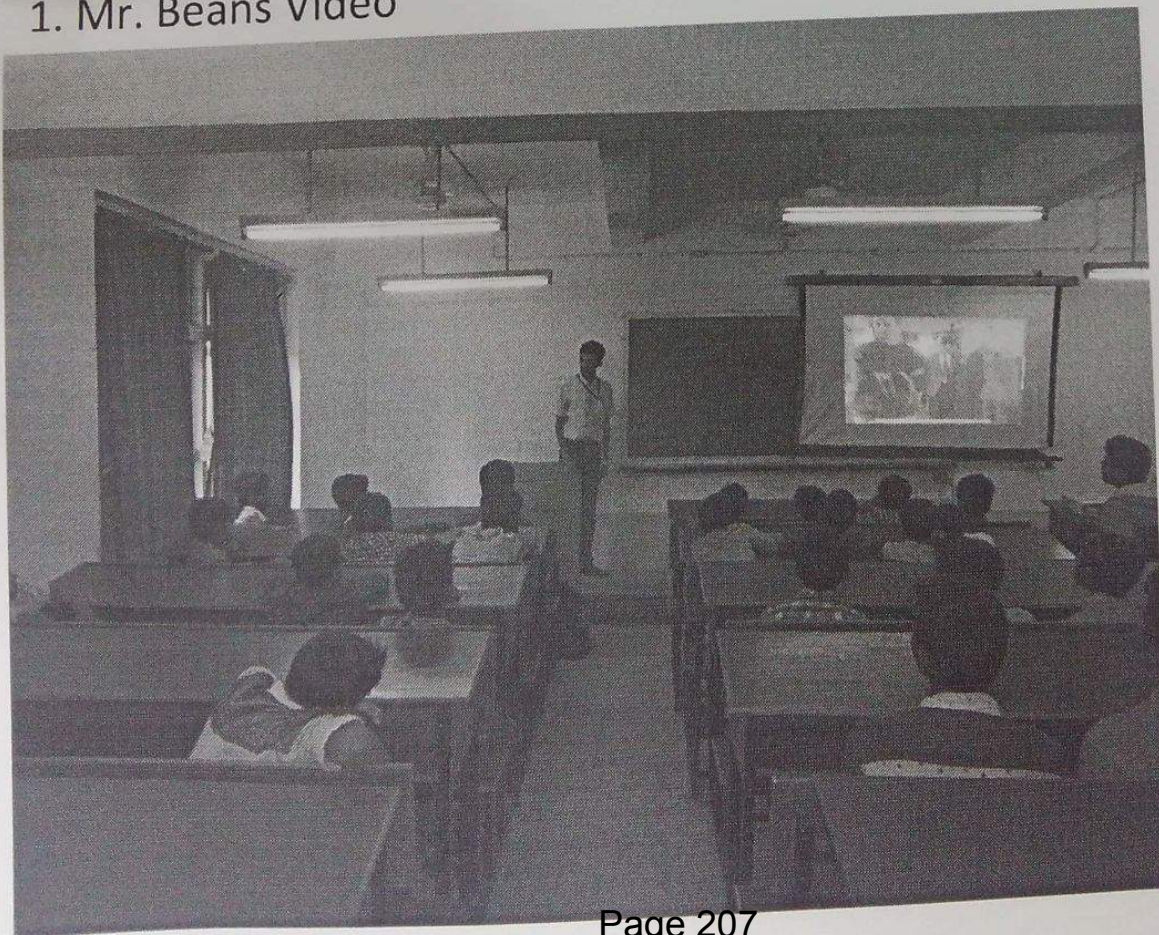
3. Explaning Students the Concept of Atoms, electrons protons etc.
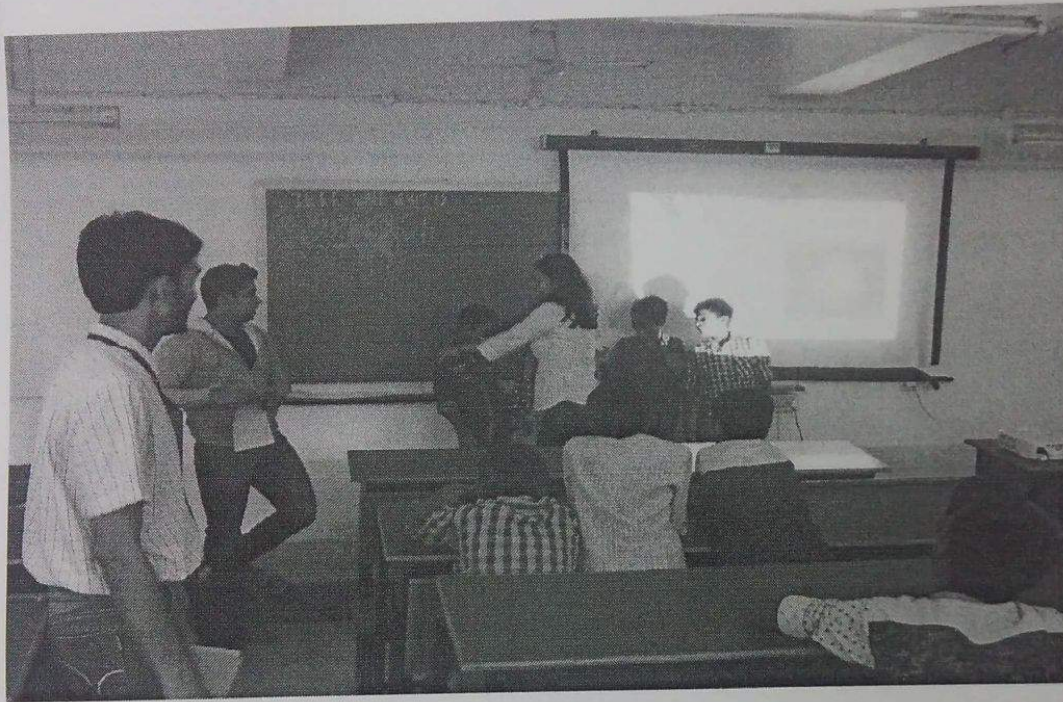
4. Children engrossed in making the circuit.
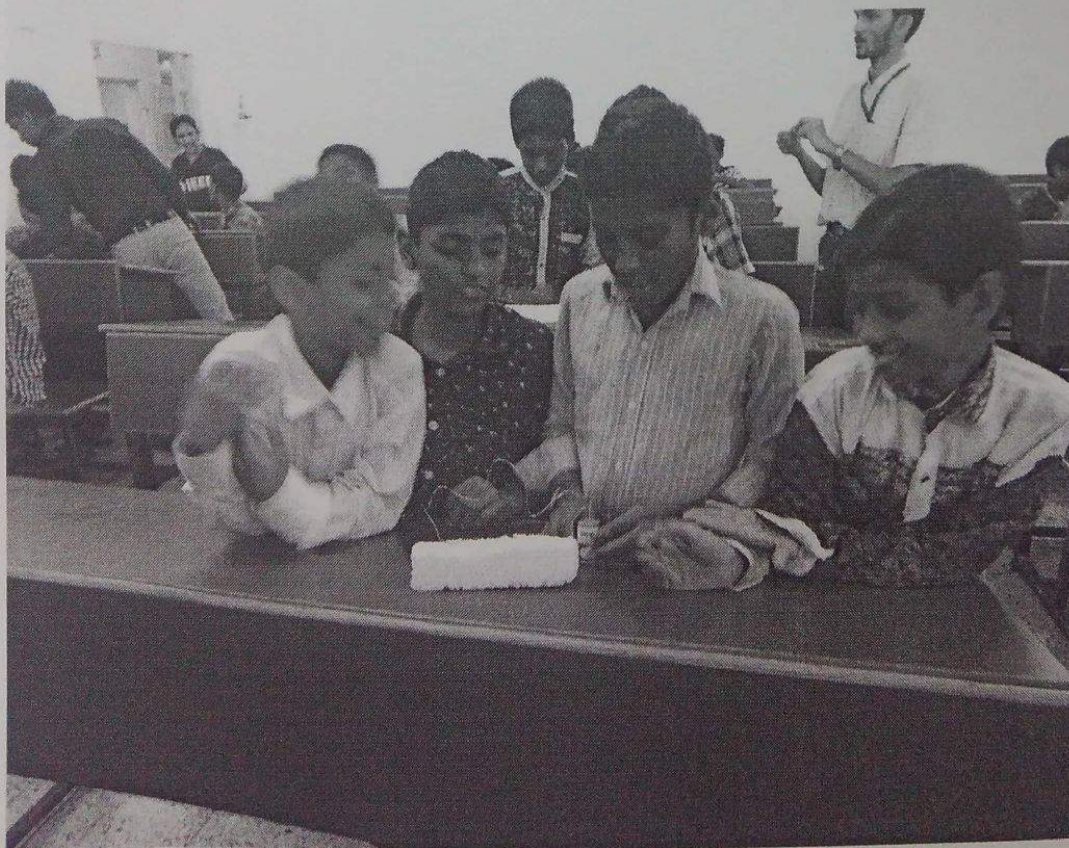
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5. The smile says it all .

09 August 2017

To,
Fr.
Fr. Agnel Asharam
Bandstand Bandra(W)
Mumbai-400050

Subject: Permission To Allow Students Of Fr.Agnel Asharam For The Event('SPARK').

Respected Sir,

The IEEE-WIE council of our college is organising an event ('SPARK') on 10th of August, 2017, thursday.

This event aims at imparting an insight into the world of science, through experiments for the students of Fr.Agnels Ashram.We request you kindly to grant premission for student (Fr. Agnel Ashram) for the same, as this event will focus on experiments related to the curiculum. As conducted every year under IEEE-WIE Chapter. The event will be conducted from 4.30pm onwards.

We kindly request you to grant permission for the same.

Allowed till 6pm

Thank You;
Regards

Ms. Kranti Wagle   Ms.Garima Tripathi   Dr. Deepak Bhoir   Dr. Srija Unnikrishnan
Branch counsellor   Branch counsellor   H.O.D Electronics   Principal
IEEE   WIE

Rev Fr. Dilip,
Kindly approve.
09/8/17

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XOVIAN SPACE TECH

WIE CRCE

IEEE CRCE

Certificate

This certificate is awarded to

for participating in

CANSO - Satellite Designing and Launching Workshop

held at

Fr. Conceicao Rodrigues College of Engineering, Mumbai

on 16th 17th March 2018

Mr. Raghav Sharma
(Founder - Xovian)

Mr. Ankit Bhuranje
(Founder - Xovian)

XOVIAN SPACE TECH

WIE CRCE

IEEE CRCE

Certificate

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Mr. Raghav Sharma
(Founder - Xovian)

Mr. Ankit Bhuranje
(Founder - Xovian)

CRESENDO 2018
CANSAT WORKSHOP – (IEEE-WIE CRCE)

Date:16-03-2018

SR NO.	NAME	COLLEGE	YEAR	BRANCH	SIGN
✓	Sameer M Yengde	Fr. agnel	2018(FE)	Elex	Sam
✓	Anjali Damodi	universal	2017 (TE)	COMPS	Anjudi
✓	Daumil shah	universal	TE	COMPS	Divyax
✓	aadit prabhu	universal	TE	COMPS	A
✓	Pratik Routray	Universal	FE	COMPS	Routy
✓	Pranjal Mahajan	Fr. agnel	F.E.	Elex	pmahajan
✓	Sidhant Shirdikar	Fr. Agnel	FE	ELEX	Siydir
✓	Soumil mahajan	Fr CRCE	SE	PROD	
✓	Darshan Bhawan	Fr. CRCE	SE	Prod	
10	Aditya Patil	Fr. CRCE	SE	PROD	
✓	SHEEBL SERRAO	Fr. CRCE	F.E	ELEX	
✓	Maithili V. Kale	D.J. Sanghvi	S.E	EXTC	Maithili
✓	Keshyap Meher	VIT	SE	EXTC	Khan
✓	Tushar Sharma	FR Agnel	FF	Prod	
✓	Pavni Mehta	Rajiv Gandhi	EE	Mechanical	Pmehta
16	Dheeraj Salian	Rajiv gandhi	FE	IT	
17	Yash Kumar	Fr. Agnel	FE.	Elea	yash
✓	Amodini Rathore	fr. Agnel	FE	Elex	
✓	Rohan Chaudhari	FrCRCE	TE	Elex	C
✓	Mahadev Dabul	FrCrce	TE	ELEX	C
✓	HIRAL MEHTA	UNIVERSAL	SE	ETRX	
✓	KARAN MEHTA	Universal	SE	ETRX	
✓	SACHIN YADAV	Universal	SE	ETRx	Sachin
✓	Disomkar Nandi	Universal	SE	ETRx	Dandy
✓	Shaif Javed	Universal	SE	EXTC	Shaf
✓	Prabir Singh	FrCRCE	TE	Etrx	
✓	Radhey Gawand	RAIT	TE	EXTC	Radhey
27					
✓	Ruthesh Zanderar	RAIT	TE	EXTC	Ruthesh
✓	Sautabh Mhathe	FrCRCE	SE	ELEX	Mhathe
✓	Aroha Iyer	SIES	SE	comps.	Kpuvadhi
✓	Christina Raymond	SIES	SE	comps	chris
✓	shradha Iyer	SIES	SE	Comps	Shraddha
34					
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CRESENDO 2018
CANSAT WORKSHOP – (IEEE-WIE CRCE)

Date:16-03-2018

SR NO.	NAME	COLLEGE	YEAR	BRANCH	SIGN
1	Aadit Prabhu	Universal	T.E	Computer	
2	Dhrumil Shah	Universal	T.E	Computer	
3	Anjali Dwivedi	Universal	T.E	Computer	Dwivedi
4	Karan Mehta	Universal	S.E	Electronics	
5	Dipankar Nandi	Universal	S.E	Electronics	Nandi
6	Sachin Yadav	Universal	S.E	Electronics	sachin
7	Mehta Hiral	Universal	S.E	Electronics	
8	Radhey Gawand	RAIT	T.E	EXTC	
9	Pratik Pawan	Fr.CRCE	T.E	Electronics	
10	Saurabh Mhatre	Fr.CRCE	S.E	Electronics	
11	Ruthesh Manohar	RAIT	T.E	EXTC	
12	Mehta Pallavi	RGIT	FE	IT	
13	Salian Dheeraj	RGIT	FE	IT	
14	Drashan Bhavasar	Fr.CRCE	S.E	Production	
15	Soumil Mahajan	Fr.CRCE	S.E	Production	
16	Aditiya Patil	Fr.CRCE	S.E	Production	
17	Siddhant Shivdikar	Fr.CRCE	F.E	Electronics	
18	Pranjal Mahajan	Fr.CRCE	F.E	Electronics	pmahajan
19	Kumar Yash Ramesh	Fr.CRCE	F.E	Electronics	
20	Amodini Abhijit	Fr.CRCE	F.E	Electronics	
21	Sheryl Serrao	Fr.CRCE	F.E	Electronics	Serrao
22	Tushar Sharma	Fr.CRCE	F.E	Production	
23	Shaif Jawed	Universal	S.E	EXTC	Shaif
24	Mahadev Dalvi	Fr.CRCE	T.E	Electronics	
25	Rohan Choudhary	Fr.CRCE	T.E	Electronics	
26	Prakhar Saxena	Fr.CRCE	S.E	Production	
27	Uday	Fr.CRCE	F.E	Production	
28	Sahil	Fr.CRCE	F.E	Production	
29	Sameer Yengde	Fr.CRCE	F.E	Electronics	Sam
30	Pratik Routray	UCOE	F.E	COMPUTER	Routy	Paytm
31	kashyap Meher	VIT	S.F	Electronics &		Paytm.
32	Maithili V. Kale	D.J. Sanghvi	S.E	Telecom EXTC	Maithili	spot payment
33	Christin Raymond	C.I.E.S	S.E	Comps.	CR	spot pay
34	Aparna Dyer	S.I.E.S	SE	comps	Aparna	spot pay
35	Shraddha Iyer	SIES	SC	CE		spot pay
36					

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Report on Technical Paper Presentation Seminar.

5th August , 2017 Fr.CRCE

IEEE CRCE .

IEEE Student Chapter of Fr.CRCE organized a seminar on Technical Paper Presentation on August 5th, 2017.The speaker for the seminar was Dr. Surendra Singh Rathod of Sardar Patel College of Engineering. This seminar was conducted with the aim to provide a clear insight into the Local, National & International Technical Paper Presentation which is very important for engineers who wish to propose & exhibit their ideas across the world.

This session commenced with an interactive doubt raising questions by the students pertaining to Technical Paper which helped in understanding the student's perspective of the Technical Paper. Following which the Agenda began with 'What is Technical Paper?' and the guidelines on 'How to Present the Technical Paper?' were explained. Various platforms for publishing a research paper were shown and how one should select the best platform to publish the Research Paper was discussed.

There was a brief description about the structure of the Research Paper i.e Abstract, Introduction, Implementation, Results Conclusion,etc. and then moved on to the Reference materials for the research paper wherein students were strictly guided about what should be their reference. Dr. S.S Rathod said *"A good reference indicates the perfect base of the*

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research".The students were explained about *Plagiarism* and its various scenarios were revealed to the students.

Dr. S.S. Rathod believes that the sole purpose of research is "To See the Unseen that Exists". Finally he emphasized that the students must choose a single technical domain for research and adhere to it.

This seminar was very helpful to the students. It cleared many doubts pertaining to "Publication of research paper", "How to Write the Paper".. This seminar proved to be a successful event as the students now have a better understanding of the Technical Paper Presentation and gave an overwhelming positive response. The total Participation for the Seminar was 47 students across all Branches.

Reported by Stanley Ricky

SE Representative (IEEE - CRCE).

Branch Counsellor(IEEE-CRCE)

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Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

(no subject)
1 message

Shashwati Shende <shashashende@gmail.com>   Mon, Aug 7, 2017 at 12:27 PM
To: pallavimohokar08@gmail.com

Hello Friends!!

Placement Season is Here!!!!!

Whether your aim is to get placed in a *dream company* or you want to pursue *higher education* in a reputed institute it is important to have an *attractive CV*!

And a *Nationally or Internationally published Technical Paper* can be a Crown Jewel of any good CV!

Now a lot of questions may pop in your mind !

What exactly is a technical paper?

How to go about converting your ideas into a great technical paper?

What is the correct way to write a technical paper?

But no need to worry!

Every question you have about writing a *Technical Paper* will be answered in the *Seminar* organized by *IEEE CRCE*!!

The seminar will be conducted by *Dr. S.P Rathod HOD Electronics Department at the Sardar Patel Institute of Technology*.

He will teach you how exactly to shape your ideas into a precise and informative technical paper!

The Seminar Will *Cost only Rs.50*

It will be held on *5th Aug* between *10 a.m. to 12 p.m.*

Venue: *5th Floor Seminar Hall*

College Address:
Fr. Conceicao Rodrigues College Of Engineering
Bandstand,Bandra West Mumbai-400050

College Information:
https://g.co/kgs/r8uiL2

 Important:Please *don't forget to carry your college ID card*

Those who are interested please fill up the Google form Attached below!

For more information Contact:
Pranit: 9029906986
Aasawari: 7506020926

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IEEE CRCE
Branch Code: STB60351

CRCE
StA 60351

IEEE-CRCE Student Branch

Date:24th July 2017 .

To

Dr S.S. Rathod

HOD of Electronics Department,
Sardar Patel Institute Of Technology.

<u>SUB: - Invitation as a speaker for the seminar on Technical Paper Writing on 5th August 2017</u>

Dear Sir,

IEEE-CRCE in collaboration with WIE-CRCE is organizing its first event "TECHNICAL PAPER PRESENTATION SEMINAR", on 5th August 2017 from 10am to 12pm, as part of the academic events for the year 2017-18.

The seminar will be held in the seminar hall from 10am– 12pm. Our college is one of the most active student chapters of the Bombay section. This event will provide the students an opportunity to enhance their technical writing skills and knowledge. The event would help the students to contribute to the research community by presenting their ideas effectively.

If any additional details contact us at ieee.crce@gmail.com. We hope to hear from you soon.

Thanking you,

Regards,

Dr. D.V. Bhoir

(H.O.D-Electronics Department)

Mrs. Kranti Wagle

(Branch Counsellor, IEEE CRCE)

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050.
Phone: 022-26423841/42, Fax: 022-26516331
Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

CRCE

IEEE CRCE
Branch Code: STB60351

IEEE-CRCE Student Branch

Date: 5th August 2017

To

Dr. S.S. Rathod,

HOD of Electronics Department,

Sardar Patel Institute Of Technology.

Andheri (W).

SUBJECT: LETTER OF APPRECIATION

Dear Sir

On behalf of IEEE-CRCE Students' Branch and all the Faculty members, we would like to express our heartfelt gratitude for taking out time from your busy schedule to conduct a seminar on, Technical Paper Presentation held on 5th of August 2017.

The seminar has accomplished its objective. From the feedback that we received, the seminar was a grand success and this would not have been possible without your diligence. We sincerely appreciate the efforts that you have taken and also for sharing your time, talent and expertise with us and the students.

We hope to continue receiving your guidance and support in our future endeavors.

Thanking You,

Yours sincerely,

Dr. D.V. Bhoir

(H.O.D-Electronics Dept.)

Mrs. Kranti Wagle

(Branch Counsellor, IEEE CRCE)

FEEDBACK

NAME: ROHAN BAICHWAL

RATE US ON THE FOLLOWING ASPECTS: [1(MIN) TO 5(MAX)]

	1	2	3	4	5
ORGANIZATION OF THE EVENT				✓	
OVERALL EVENT AND PRESENTATION					✓

WE WOULD REALLY APPRETIATE YOUR VALUABLE COMMENTS:

WAS THE PRESENTATION INTERESTING ?	very interesting
HOW CAN WE IMPROVE THE PRESENTATION ACCORDING TO YOU?	would like you to increase the time
ANY OTHER COMMENTS?	Grateful for the seminar

Thank You

Fr. AGNEL ISTE CHAPTER

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandra (West), Mumbai - 400050

(Estd.1998)
Tel. No.: (022) 26423841/42 Fax: (022) 26516831
Website: www.frcrce.ac.in   email: fragiste@frcrce.ac.in

Ref: CRCE / ISTE / 2018   Date: March 9, 2018.

To,
The Director,
Program Co-ordinator
Indian Society for Technical Education
Saheed Jeet Singh Marg,
New Delhi-110016.

Subject : Submission of final report of STTP on 'A Journey towards
Awareness' from 1 January 2018 to 5 January 2018.

Respected Sir,

At the outset, I would like to thank you on behalf of all the organizers and participants for approving our STTP organized by Humanities and Science Department. As per your requirement, I am enclosing the following details for your kind reference and acceptance:

1) Brochure of STTP
2) List of participants
3) Sample Copy of Course notes (CD)
4) Photograph of STTP Session
5) Copy of the certificate issued
6) Final report
7) Processing and operational charges Rs. 2,400 (Rs. 300 x 8) in the form of D.D. (Number 327896, dated 28-02-2018 in favour of Indian Society for Technical Education, New Delhi).
8) Sample Question Paper [Test conducted on 05-01-2018]

Thanking you,

Yours faithfully,

09/03/2018
Mrs. Sundary S. Prabavathy
STTP CORDINATOR

Dr. (Mrs.) Srija Unnikrishnan
PRINCIPAL

REGISTRATION FORM

Name :

Designation&
Department:

Institution :

Address :

E-mail :

Mobile :

ISTE Membership No.(Life/Annual)

I agree to abide by rules and regulations governing the above STTP.

The applicant should confirm his/her participation on or before last date mentioned.

Signature

Details of Payment
DD/Cheque No:

Date :

Bank :

Name & Designation of sponsoring authority with seal:

Date: Signature

OUR PATRONS:

Fr. Peter D'souza : Superior

Fr. Valerian D'souza : Director

Dr. Srija Unnikrishnan : Principal

CONVENER:

Prof. (Mrs.) S. Sundary Prabavathy

Head, Department of Humanities and Sciences, Fr. Conceicao Rodrigues College of Engineering, Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400 050.

Email: prabavarthy@frcrece.ac.in
Mobile: 9833783987

COORDINATORS:

Dr. Joseph Rodrigues
Asst. Professor
Email:joseph.rodrigues@fragnel.edu.in
Mobile: 8286963303

Dr. Khushbu Trehan
Asst. Professor
E-mail: khushbu.trehan@frcrce.ac.in
Mobile: 09664041240

One-Week ISTE approved
Short Term Training Programme

On

"A Journey towards Awareness"

01- 05 January 2018

Organized by:

DEPARTMENT OF HUMANITIES AND SCIENCES

Venue:

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai – 400 050.

ABOUT FR. CRCE

Fr. Conceicao Rodrigues College of Engineering is one of the reputed colleges affiliated to University of Mumbai and approved by AICTE. The college was established in 1984 and is named after its founder the Fr. Conceicao Rodrigues. It functions under the Society of St. Francis Xavier, Pilar. The college believes in the Missionary Principles and renders Education as a Service to Society.

The college runs UG courses in Production Engineering, Electronics Engineering, Computer Engineering and Information Technology as well as PG courses in Mechanical, Electronics Engineering and CAD/CAM.

ABOUT THE DEPARTMENT

The Department of Humanities and Sciences is headed by Prof. Mrs. Sundary S. Prabavathy. The department has well-qualified, experienced and dedicated staff. The department always takes initiative in organizing various training programs for the faculty members and the students for their personality development and academic growth.

The department is a foundation stone on which all the four branches of engineering courses offered by the institute stand. The department is involved in number activities like Fr. CRCE national level annual debate, Rotract Club, NSS, TED', FragMag (Annual Magazine), inter-collegiate Sports and Technomania (Technical Festival).

COURSE THEME

Awareness is said to be the first step in one's inward journey as it aids in looking within. At the end of the quest, it remains as the pure space, potent with power, with the mind merged in it. Wallace Huey, the CEO of Trans4mind, Dublin, Ireland states *"The light of awareness always gives rise to new beginnings."*

The main purpose of this Workshop is to bring about awareness on different aspects to gain knowledge and grow individual's personality.

This program has been designed to learn and experience Psychological, Socio-cultural, Physical, Scientific and Spiritual ways to enjoy the harmony of nature and retain bliss of peaceful life.

We are also arranging one day outdoor - spiritual activity at ISKCON, Juhu, Mumbai.

This STTP will end with Cancer Awareness along with Screening and free consultations.

TARGET AUDIENCE

Teaching and non-teaching staff from all streams

COURSE FEES

The course fee is Rs.3000/- for ISTE Members and Non-technical college participants. This fee includes soft copy of course material, tea and lunch.
Note: Those planning to enroll for ISTE membership can register by paying the enrollment fees.

MODE OF PAYMENT

Fees can be paid by DD or Cheque drawn in favor of " **Fr. Conceicao Rodrigues College of Engineering, Bandra (West)"**

.IMPORTANT DATES AND TIME:

Last date of receiving confirmation (through email/ whatsapp/ mobile): **05 December 2017**
Last date of receiving application: **15 December 2017**

NOTE: Further details will be mailed after the confirmation of the participants

HOW TO REACH?

BEST bus Route No.211 from Bandra Station (West) to Fr. Agnel Ashram.

Attendance Sheet

One-Week ISTE approved Short Term Training Programme

on

"A Journey Towards Awareness"

1 January 2018 to 5 January 2018

Fr. Conceicao Rodrigues College of Engineering

Attendance Sheet

Sr.No	Participant Name	Day 1- 01/01/18 Session1	Session2	Day 2- 02/01/18 Session1	Session2	Day 3- 03/01/18 Session1	Session2	Day 4- 04/01/18 Session1	Session2	Day 5- 05/01/18 Session1	Session2
1	Meghana Naik										
2	I. K. Chakraborty										
3	Ankush G Ingole										
4	Shashikant S Patil										
5	Sayali Rashant Deshmuth										
6	Archana Koroandikar										
7	Soumya Philip										
8	Shilpa Dingankar										
9	USHA BAG										
10	Vaishali K Shrefyali										
11	G. Geeta										
12	Dr Rashmi Rane										
13	Narayana Kallhayal										
14	Suvarn Kevgaonkar										
15	Shirley Mathew										
16	Smita Rane										
17	Anjali Samuel										
18	Suma Sreedhas										
19	Prachi Patil										
20	Anand Redkale										
21	Deepa										

Attendance Sheet

Sr.No	Participant Name	Day 1 - 24/04/17		Day 2 - 25/04/17		Day 3 - 26/04/17		Day 4 - 27/04/17		Day 5 - 28/04/17	
		Session1	Session2	Session1	Session2	Session1	Session2	Session1	Session2	Session1	Session2
21.	Rajesh Giri	Rajeb	Rajeb	Rajeb	Rajeb	Rajeb	Rajeb	Rajeb	Rajeb	Rajeb	Rajeb
22.	Gopal Nanda	G.N	G.N.	G.N.	G.N.	G.N	G.N	G.N.	G.N	G.N	G.N
23.	Chandrashekhar Gajbhiye	cha	cha	cha	cha	cha	cha	cha	cha	cha	cha
4											
5											
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20											

A MINDFUL

JOURNEY...

Introduction to Mindfulness

Introduction to Mindfulness – the time to start is NOW!

What is Mindfulness?

When we are mindless, we operate in a mechanical and conditioned manner. Our reactions to situations, people and to our own thoughts and emotions are conditioned. The mind has a tendency to wander. Most often the mind wanders to things in the past or future. We rarely focus on the present moment. We may be washing dishes or taking a shower but are thinking of a thousand other things except the task at hand. Or we may drive to work every day and not notice anything of the scenery.

This kind of mind wandering has been scientifically proven to be an unhappy, stressed mind. The mind impacts the nervous system adversely when feeling overwhelmed and the brain tells the body to go into fight or flight mode. This constant state of heightened fight or flight state even when there is no danger, obviously has an impact on our physical bodies and on our emotions and thoughts.

Mindfulness is in a sense the opposite of mind*less*ness.

John Kabat-Zinn defines mindfulness as "the awareness that arises through paying attention on purpose, in the present moment, and **nonjudgmentally** to the unfolding of experience moment by moment."

Mindfulness is a kind of meditation practice. It can be done anytime, anywhere and in any position (standing, sitting, lying down). It is just about attending to the present moment, witnessing your mind and observing your thoughts as they come and go. Creating a little distance between your thoughts and you...realizing you are not the thoughts and emotions.

The purpose of mindfulness meditation is NOT to attain a certain "divine" state or to "make yourself feel better; or make the unpleasant situation or thoughts go away. The idea is not to sit to meditate to reduce your stress even (though a sense of relaxation could be the by-product of practicing mindfulness). There is no agenda when you choose to practice mindfulness. The idea is to actually do NOTHING! Just be.

Multinational corporations, such as Google, General Mills and Deutsche Bank, Twitter, LinkdIn, as well as UK organizations, such as BT and the Department of Health, are implementing mindfulness programs aimed at improving the well-being and performance of their employees. The US military is using mindfulness to train their forces, coaches of famous sports teams are using mindfulness to improve performance of the team. Mindfulness is being practiced in schools and top colleges by faculty and students to improve learning. Top business schools , colleges and schools are using mindfulness training to improve student and faculty wellbeing and facilitate learning.

A whole lot of research studies have generated growing interest in mindfulness which originated over 2500 years ago in wisdom traditions of the East. Interest in mindfulness at work has been growing exponentially in recent years, in the global business world as well as in the scientific community.

Benefits of Mindfulness
- Reduces stress, anxiety and other harmful emotions (fear, guilt, unhappiness etc) by actually shrinking the amygdala (emotional center of the brain) and strengthening the pre-frontal cortex.
- Reduces depression

HAPPY NEW YEAR
WELCOME
MOMENTS
AND OPEN YOUR MIND
TO A
NEW EXPERIANCE
SHARING,
LEARNING,
UNLEARNING
AND RELEARNING

ASCent

INTERDEPENDENCY

INDEPENDENCY

DEPENDENCY

STRUCTURAL AND TRANSACTIONAL ANALYSIS

THE PURPOSE IS –
- TO UNDERSTAND OURSELVES
- TO UNERSTAND OTHERS
- TO UNERSTAND INTERACTIONS
- TO UNDERSTAND THE INFLUENCES
- TO UNDERSTAND THE CONSEQUENCES

AN INSIGHT INTO WHAT, HOW AND WHEN OF
HUMAN INTERACTION

ASCent

LIFE GROWTH AND DEVELPOMENT
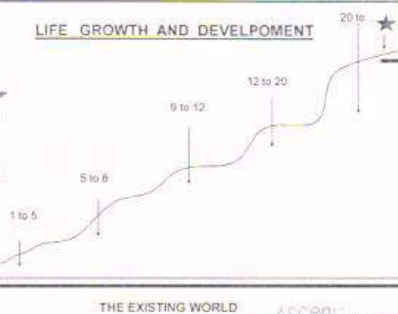
20 to
YOU
ARE
BORN
1 to 5
5 to 8
9 to 12
12 to 20

THE EXISTING WORLD

ASCent

Inauguration Ceremony organized by Department of Humanities and Sciences, Fr. Conceicao Rodrigues College of Engineering, Bandra

Lighting of the Lamp

Fr. Valerian D'souza (Director, Fr. Agnel Complex) blessed the occasion.

Dr. Srija Unnikrishnan delivered the welcome speech.

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Report on ISTE approved Short Term Training Course (STTP) entitled
"A Journey towards Awareness" organized by
Department of Humanities and Sciences from 1 January 2018 to 5 January 2018
Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai

A total number of 24 participants from various colleges across Mumbai participated in this program. The program was spread out in different sessions throughout the week, which covered topics related to **Psychological Awareness**, **Mindfulness**, Cancer Awareness to minimize Health-Problems and finally to attain Healthy Lifestyle.

Day 1: 1 January 2018
Inauguration Ceremony:

The inauguration ceremony took place in the presence of the following members:
Fr. Valerian D'souza (The Director, Fr. Agnel Complex), Dr. Srija Unnikrishnan (Principal, Fr. CRCE) and Mrs. Sundary Prabavarthy (HOD), Department of Humanities and Sciences, Fr. CRCE).

The program started with the blessings of the God, by lighting of the lamp followed by the prayer 'Ya devi sarvbhooteshu ....," sung by Prof. Dr. Khushbu Trehan.
Fr. Valerian blessed the occasion and Dr. Srija Unnikrishnan delivered the welcome speech.

The activities conducted on Day-1 are as follows.

Session 1:
Guest speaker for the session was **Dr. Bhat**. He spoke on **Psychological Awareness**, where he explained the importance of Parent-Child-Adult relationship.

Session 2:

Guest speaker for the session was **Mr. Sandip Solanki.** He delivered a talk on Body Awareness including mind-body balance. He explained and demonstrated several Chair Yoga exercises to the audience and other Relaxation techniques. He also emphasized on the importance of meditation on human beings in this fast-paced life. He elaborated on the importance of Stretching exercises for a healthy body and demonstrated the same.

Day 2: April 25, 2017

Session 1:

Guest speaker for the session was Mrs. Charu Doshi. She conducted a special talk on **Mindfulness** in detail. Furthermore, she has also explained the coordination of Body, Breath and Mind along with other systems of the body. The participants have performed and experienced the synchronization among Body, Breath and Mind trough various activities. A practical Session was conducted on Relaxation Techniques. She illustrated how each of these is performed and its importance for human well being.

Day 3: 3 January 2018

Session 1:

Guest speaker for the session was **Mr. Nandkishore Talashilkar & Team.** They explained to the audience about **Science behind Superstition** and illustrated various practical sessions on unveiling the science behind superstitions performed in the society.

Day 4: 4 January 2018

On this day, all the participants were taken to **Outdoor Activity/ Spiritual** visit to **ISKCON Temple,** Juhu, Mumbai followed by spiritual talk by Prabhu Mukund Madhav Das. He suggested various modifications needed to keep the human body fit and relaxed. He also emphasized the importance of a healthy diet Relaxation Meditation and its

importance in our routine lives. Participants visited various parts of **ISKCON Temple** and found the whole visit very informative and enjoyable and were spiritually awakened.

Day 5: 5 January 2018

Guest speaker for the session was **Mrs. Jayalakshmi Krishnan & Team.** She delivered a very informative talk on cancer awareness. They had organized a **Medical: Cancer Screening Test** for the female participants. The final session included important tips & Feedback followed by a question-answer session.

Valedictory Session:

The one week STTP course culminated with a short valedictory program in our last session. The dignitary for the function was Mrs. Sundary Prabavarthy, Head of the department, Humanities and Sciences, Fr. CRCE. She presented a brief report of the two weeks STTP entitled **"A Journey towards Awareness".**

The participants were felicitated by handing over the certificates. The honor was done by HOD, Mrs. Sundary Prabavarthy who gave the valedictory speech.

Coordinator

Sundy
07/01/2018
Convener

Father Conceicao Rodrigues College Of Engineering, Bandra
ISTE approved One Week STTP "A Journey towards Awareness"

Date: 05/ 01/2018   20 Marks

Name of Participant: _____

1) This STTP helped me to understand awareness on …..
   a) Psychological   b) Physical   c) Socio-cultural   d) All

2) Dr. Bhatt conducted session on……..
   a) Medical   b) Technical   c) Transactional Analysis   d) None

3) Chair Yoga was conducted by……
   a) Deepak Bagadia   b) Sandeep Solanki   c) Kush Panchal   d) Don't Know

4) Mindfulness is related to ……
   a) Mind   b) Heart   c) Liver   c) Stomach

5) Balloon game helped us to enjoy our nature of being a/an…..
   a) Child   b) Adult   c) Old   d) None

6) ISCKON visit gave us awareness on
   a) Spirituality   b) Sea of Juhu Chowpatty   c) Traffic of Mumbai   d) Slum life

7) Transactional Analysis is…….
   a) Understanding ourselves   b) Understanding others   c) an insight into human interaction   d) All

8) What does P-A-C mean in Transactional Analysis?
   a) Papaya-apple-custard   b) Purpose-Ambition-Culture   c)   Pinpointing-Appreciation-Criticism   d) Parent-Adult-Child

9) Emotional center of the brain is………
   a) Neuron   b) Amygdala   c) pre frontal cortex   d) Axon

10) What is the average breathing rate of a person?
    a) 72 per min.   b) 15 per min.   c) 20 per min.   d) 25 per min.

11) Spiritual Awareness was conducted by......
a) Dr. Mukund Mahdeva Das   b) Manmohan Das   c) Prabhu Nityanand
Swami   d) None of the above

12) 'Earth provides enough to satisfy every man's needs but not every man's greed', is
quoted by... (In Spiritual Awareness Session, ISKON)
a) Jawahar Lal Nehru   b) Indira Gandhi   c) Rajiv Gandhi
d) Mahatma Gandhi

13) Optimization in Life means....
a) Minimize Need, Maximize Happiness   b) Maximize Needs, Minimize
Happiness   c) Maximize Both   d) Minimize Both

14) Your Complete Personality is a combination of.....
a) Physical   b) Mental and Emotional   c) Spiritual   d) a, b and c

15) .... Is the sixth sense.
a) Skin   b) Mind   c) Eye   d) Nose

16) Before Finishing School, an average child watches ....., murders and .... Acts of
violence.
a) 5000/ 8000   b) 8000/100000   c) 500000/8000   d) None

17) Eat in proper quantity. Fill Stomach with ...food, Water.... And ... Air.
a) 100%/0%/0%   b) 60%/20%/20%   c)50%/25%/25%
d) 20%/70%/10%

18) Cancer Awareness Session was conducted by ......
a) TATA Memorial   b) Vasantha Memorial Trust   c)   Holy   Family
Hospital   d) None

19) .... is a Selective attention on one process of Mind.
a) Meditation   b) Stimulation   c) Partiality   d) Memory

20) .... keeps you fresh, fit and healthy.
a) Food   b) Bathing   c) Sleeping   d) Yoga

A bank demand draft / cheque from Corporation Bank, Bandra (Mumbai) branch, payable to Indian Society for Technical Education. Amount: Two Thousand Four Hundred only (₹ **2,400.00). Remitter: C. Rodriques College of Engineering. Dated 28/02/2016. Cheque number 327896, MT/05/2016.

12th-13th January, 2018

ORGANISED BY

DEPARTMENT OF COMPUTER ENGINEERING
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

IN COLLABORATION WITH

TATA
TATA CONSULTANCY SERVICES

PATRONS

Fr. Peter D'Souza : Local Superior
Fr. Valerian D'Souza : Director
Dr. Srija Unnikrishnan : Principal

CONVENOR

Dr. Sunil K. Surve
HOD, Computer Department

RESOURCE PERSON

Subject Experts from Tata Consultancy Services

COORDINATORS

Ashwini Pansare
Mob.: 9821530672 / Email: ashwinip@frcrce.ac.in

Dipali Koshti
Mob.: 9819151054 / Email: dipalis@frcrce.ac.in

PLEASE ADDRESS ALL COMMUNICATION TO:

Fr. Conceicao Rodrigues College of Engg.
Phone: 022-67114000
Fax:022-67114200
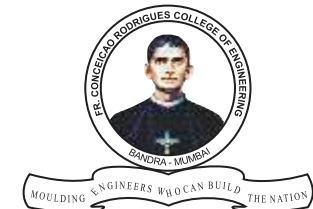E-mail: crce@frcrce.ac.in
Website: http://www.frcrce.ac.in

HOW TO REACH

Take BEST Bus of Route No. 211 from Bandra Station West to reach Fr. Agnel Ashram. (Land Mark : Taj Land Ends)

REGISTRATION FOR R-PROGRAMING

To,
Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand,
Bandra (W). Mumbai - 400 050.
Maharashtra, India.

Stamp

About College

Fr. Conceicao Rodrigues College of Engineering (CRCE) was established in 1984 as part of Fr. Agnel Technical Complex at Bandra, Mumbai by the Society of St. Xavier Pilar and is named after its founder the late Rev. Fr. Conceicao Rodrigues. The College is affiliated to the University of Mumbai. The college offers Bachelor Degree courses in Production Engineering, Electronics Engineering, Computer Engineering and Information Technology. The College also offers full-time Masters Degree courses in Production Engineering (Robotics), Electronics Engineering and part-time Production Engineering (Manufacturing) .The College is located at Bandstand, Bandra, Mumbai in a picturesque environment surrounded by the Arabian Sea.

VISION AND MISSION

"Moulding Engineers who can Build the Nation" Fr. CRCE has been a center of Excellence in Engineering Education, moulding engineers with state-of-the art technologies, innovative skills and human values matching with the growing expectations of corporates and society, and thus plays an effective role in nation building.

ABOUT PYTHON

Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic typing and dynamic binding, make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and packages, which encourages program modularity and code reuse. The Python interpreter and the extensive standard library are available in source or binary form without charge for all major platforms, and can be freely distributed.

TOPICS COVERED

Python

- Python basics - Data Types, Operators, Arrays, Strings & Control Statement.
- Advanced Python - Files, Directories, Packages, Text processing, Regular Expression
- Data Structure in Python - Linked list, Stack, Queue, Deques
- Python Integration Primer - Networking, Python database connectivity, Introduction to Django.

Perl

- Basics of Perl - Variables, Control Statements, Subroutines, Packages
- Perl Advanced - Working with file, Database Connectivity.

REGISTRATION FEES

- Participant from Academic Institutions : 550/-
- Students Participants : 300/-

Last Date of Registration

05ᵗʰ January, 2018

REGISTRATION FORM

Name _____

_____

Designation _____

Institution _____

Address _____

_____

Phone _____

Email _____

Member of CSI/IEEE/ISTE: Yes / No
If Yes, Membership No: _____

Details of Payment:
(DD/Cheque can be drawn in favour of "THE PRINCIPAL, FR. CRCE., BANDRA (W)", payable at Mumbai)

DD/Cheque No: _____

Date:_____ Bank: _____

Date _____   _____
                               Signature of Participant

CLOSING REPORT OF TWO DAYS FDP ON

"PERL & PYTHON"

CONDUCTED ON 12TH & 13TH JANUARY 2018

Venue: 611 (Web Technology Lab)

<u>**ABOUT FDP**</u>

Python has gained tremendous popularity in industry in past few years. The reason is, it is powerful and versatile language yet easy to learn. Compared to C++ and JAVA, python implementation requires less lines of code. The course facilitates faculty and students to learn Python and Perl and benefit from knowledge and experience from industry experts.

<u>**COURSE OBJECTIVE:**</u>
The course aimed to introduce the participants the recent trend in technology that aims to achieve the following objective.

- To introduce basics of Python
- Explore advanced python programming.
- To introduce Perl scripting and it applications.

<u>**WORKSHOP CONTENTS**</u>

- Industry Trends & Python area.
- Introduction to Python Basics
- OOP in python.
- Data structures in Python
- Advanced Python
- Introduction to DJango
- Networking in Python
- Introduction to perl
- File processing, Database connectivity in perl

WELCOME CEREMONY (12th January 2018)
On behalf of Fr.C.R.C.E. Staff members, The coordinator, Ms. Dipali Koshti welcomed participants and Trainer Ms. Laxmi Rathaur and Mr. Prasad Ghagre from TCS. She welcomed our Principal Dr. Srija Unnikrishnan and Head of the department Dr. Sunil Surve. Ms. Dipali Koshti introduced the course to the participants followed by speech of Dr. Srija Unnikrishnan.

EVENT PROCEEEDING
On day one, Ms. Laxmi Rathaur and Mr. Prasad Ghagre started with the introduction to "Python", In the afternoon session, she took the hands on experiments on object Oriented programming using python, Data structures in Python. The session was very interesting as hand –on experiments were taken.

Day two began with the introduction of our next trainer Mr. Rishikesh Jha. First half an hour was question and answer session where participants cleared their doubts about basics of Python. He, then started with introduction to DJango, which was actually a very new and untouched topic for academicians. Mr. Rishikesh, then explained Database connectivity and network programming in python with few example codes.

Afternoon session was conducted by our own internal faculty Mr, Saurabh Kulkarni from IT department. He covered Perl programming beginning with basics and moved towards advance Perl. The session was excellent and conducted with complete authority.

CLOSING CEREMONY
On 13th January at 4.00 p.m. Co-ordinator Ms. Ashwini Pansare gave vote of thanks to the management, Principal , all department heads, CRCE staff and participants. Trainer Mr. Saurabh Kulkarni distributed certificates to the participant. Feedback forms from participants were collected.

Over all feedback of the workshop was good. All participants left the premise with good knowledge of "Python & Perl". The best part of the workshop was hands on experience given to all participants. This will definitely help participants to further continue work in the same area.

ACKNOWLEDGEMENT
We extend our thanks to the management, Principal, All department Heads and entire CRCE staff for their department undisputed support and guidance. Special thanks to Prof. Mahesh Sharma our Training and Placement Officer who helped us communicating with TSC Expersts. Last but not the least , we thank our entire organizing committee without whose hard work and support this program would not be a success.

Coordinators

Ms. Ashwini Pansare :

Ms. Dipali Koshti :
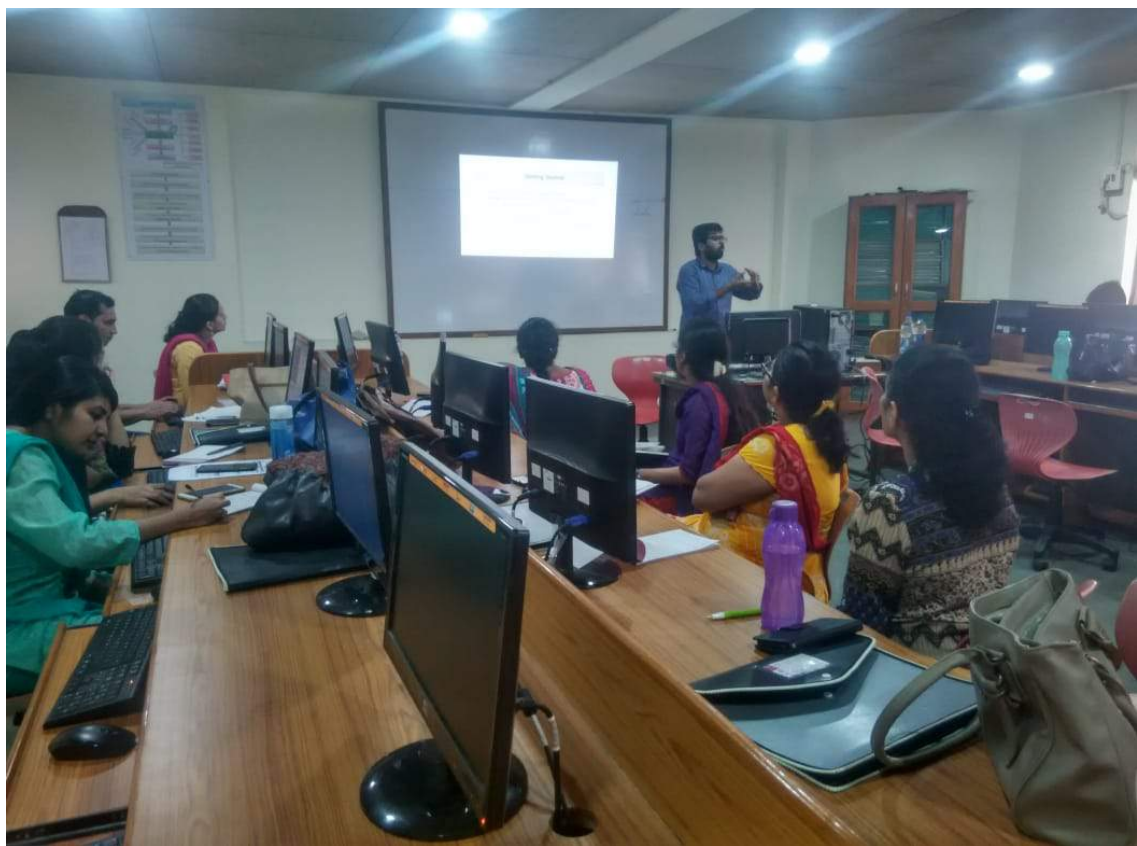
Fr. Conceicao Rodrigues College of Engineering

One - Day Seminar on

"Experiential Learning"

Organized by: Wie CRCE , Traning and Placement Dept. in association with TCS

Date: 11th January, 2018

Speaker: Mr.Shreekanth Shiralkar, TCS.

Report

Session Details:

A day prior, the speaker had given a technical paper "Critical factors in successful project implementation" by Jeffery Pinto and Dennis Slevin , IEEE transactions on engineering management, vol, em 34, no1. Feb 1987 to be circulated among 3 faculties for study.

The session started with an Introduction to the concept of Experiential Learning. The concept was explained using presentation and a youtube video "Game based approach to Higher Education". Faculties who went through the technical paper were asked to memorize and list the different factors involved in successful project implementation.

Later the speaker engaged all participants in the demonstration by game playing. Two teams were formed, each comprising of 5 members. One member was selected as team member, other four members were participants. A task was given to both the teams.

Game Details:

Leader has to guide and direct the team members to assemble different objects in a fixed layout. Team members were blindfolded during the entire activity.

At the end of the task the team members as well as the observers were told to write down their observations. The discussion of those observations helped understand the factors required for management of a task. So, the critical success factors of project management were explained through game play.

Further by repeating the same game play, the concept of experiential learning was understood.

Observations and Learning's from the session:

- What is Experiential Learning
- The difference between conventional mode of learning and experiential learning was understood. The effectiveness of applying experiential learning in IT, in classrooms or in any other task was explained. The session made us understand how experiential learning can be used to overcome the challenges faced in applying and delivering IT to the various business services, or in delivering it to the students. The overall game based innovative approach made the session easier to understand and relate to in real life.

Submitted by

Prof. Prachi Patil and Prof. Janisa Colaco

IT Dept.   **IT Dept.**

DCS - Wireless Lab

DCS -WLAN

Model Name	Remark	Qty
DGS-3620-28TC/SI	4-Port POE 10/100/1000Mbps L3 Management Switch with 4 Port Combo SFP and 4 on 10GE SFP+ - SI Image	1
DWC-1000	4 Gig Lan Ports + 2 option Gig ports, WLAN controller default 6 aps upgradeable to 24 Aps.	2
DWL-6600AP	Pro Unified N Concurrent Dual-band POE Access Point	2
DAP-2690	Air Premier N Simoultaneous Dual Band Acess Point with plenum rated Chasis	1
DWS-3160-24PC	Gigabit Ethernet Unified Switch	1
Laptop with Windows	Not provided prepared by training Institution or use Student laptops with wireless capability (802.11a/b/g/n)	16
RJ-45 Cable	The length of the cable depends on the distance among devices	
Console-to-USB converter	Not provided prepared by training	4
TTT	3 Days train the Trainer Program (DCT) Certification with your Faculty	

Total Cost - Rs 6,00,000.00

CHECKED BY
INTERNAL AUDIT
Sig :-

D-Link Training on Wireless LAN on 15th July & 29nd July, 2017

Organized by Department of Computer Engineering

Fr. C. R. C. E, Bandra

ATTENDANCE – 29/7/2017

Sr. No.	Name	29/07/2017 (Morning)	29/07/2017 (Evening)
1	Sakshi Sukale	Sm	Sm
2	Sunil Chaudhari	Chad	Chad
3.	Ashwini Pansare	APansare	APansare
4.	Dipali Koshti	dKoshti	dKoshti
5.	Shubha Tiwari	Tiwari	Tiwari
6.	Sheetal Antony		
7.	Sujata P. Deshmukh		
8.	Supriya Kamoji		
9	JAY L. BORADE	Peele	Peele
10	Monali Shetty	MS	MS
11	Jiten Naik		(A)
12	Roshni Padate		
13	Merly Thomas		(A)
14	Kalpana D	Swati	Swati
15	Swati Ringe		
16	Mahendra Mehra		

D-Link Training on Wireless LAN on 15th July & 22nd July, 2017

Organized by Department of Computer Engineering

Fr. C. R. C. E, Bandra

ATTENDANCE – 15/7/2017

Sr. No.	Name	15/07/2017 (Morning)	15/07/2017 (Afternoon)
1.	JAY L. BORADE		
2.	Morali Shetty	MShetty	MShetty
3.	Ashwini Pansare	APansare	APansare
4)	Sakshi Sukale		
5.	Swati Ringe		
6	Supriya Kamoji		
7.	Kalpana Deorukhkar		
8.	Sujata Prashant Deshmukh		
9.	Mahendra Mehra		
10.	Sheetal Antony		
11	Jiten Naik		
12	AJAY KOLI		
13	Shubha Tiwary	Tiwari	Tiwari
14.	Dipali Koshti	JKoshti	JKoshti
15	Sunil Chaudhari		
16	Asjad Baig		
17	ASHUTOSH MISHRA	Ashutosh	Ashutosh
18.	Saurabh Kulkarni		

Department	Professional Societies/ Chapters	Organizing Engineering Events
	Mozilla Club	**Event Name: Android Workshop :** **Date: 04/10/2017** **Description:** Android is a free and open source mobile operating system developed by Google. It is the most popular platform for mobile users. We hosted a Android Workshop for second and third year students in which they were taught about the usage of several Android APIs and incorporating them into their Android app as well as designing best layouts for their Android app. NO OF PARTICIPANT: 8 **Event Name: Bash Shell scripting** **Date: 08/02/2018** **Description:** Bash shell is traditional free software by GNU Project. It is a shell for Interacting with the operating system's kernel. It is the most widely used shell. We hosted a workshop for bash shell in which students learned handling files, processing text, managing processes using various commands. NO OF PARTICIPANT: 70 **Event Name: Mozi Tech Talk 2018** **Date: 17/02/2018** **Description:** In this event, We hosted various Tech sessions which was heavily attended by students .In these sessions professional speakers from their respective field were invited to share their knowledge. Tech sessions were on the topic of: ● Hi to Python (beginner to advance for web) ● Introduction to Containers & Docker Workshop ● Building first app with Android ● Web scraping and Application ● R language for Data Analytic ● Android Essentials : Zero to Hero ● Introduction to IOT ● Hosting Web pages and CS on AWS cloud ● Publishing your Android app on Google play We also hosted a Twitter contest and distributed various prizes to winners. We gave several goodies and coupons to our participants of the event. NO OF PARTICIPANT: 102

Event Name: TYPING Contest (CRESCENDO)
Date: 16/03/2018 – 17/03/2018

Description: "Typing Contest" was held on 16th March and 17th March. On the first day we were not able to gather good amount of participants but the next day we got a great amount of response from the students we had in all 721 registration for typing contest. The entry fee for this workshop was Rs.10 each. The wining price Rs.1000 and Runner-up price was Rs.500.

The time limit for "Typing Contest" was 1 Min each to every participant and the winner was "Manpreet" and the Runner-up was "Samarth" from BE-Computer.

Event Name: Php Workshop (CRESCENDO)
Date: 16/03/2018

Description: One day "PHP Worksop" was held on 16th March in which the participants were given a Hands-On session about PHP. This session was held by "Niraj Sharma". He shared basics about PHP along with, to create their own CAPTCHA and SESSION's in PHP. There were in all 11 participants from college. The entry fee for this workshop was Rs.250 each.

Event Name: UNSCRIPT HACKATHON 2018

Date: 24/03/2018 – 25/03/2018

Description: On the eve of 60th Anniversary of the Agnel Technical Education complex, Father Conceicao Rodrigues College of Engineering, Bandra hosted its first ever Tech Hackathon "Unscript". Unscript is all about designing, building and creating; a place where graphic designers, software developers, app developers and web developers collaborate intensively on projects. It is an outburst of technology, a tech marathon.
A comprehensive technology Hackathon Unscript invited Coders, Student entrepreneurs, researchers, designers, makers, technologists, and everyone who is enthusiastic for Web and App Development, anyone who knows how to dabble with Web Development and Android code were invited.
Total of 200 plus teams registered 40 teams were shortlisted
3 problem statements were given.
Prizes Worth Seventy Thousands Were distributed.

REPORT

There were two events organised by "Mozilla Campus Club" in which one was "PHP Workshop" and followed by "Typing Contest" on 16th March and 17th March.

One day "PHP Worksop" was held on 16th March in which the participants were given a Hands-On session about PHP. This session was held by "Niraj Sharma". He shared basics about PHP along with, to create their own CAPTCHA

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2895

Certificate

This is to certify that Mr./Ms. _Swati V. Narwane_

has successfully completed AICTE-ISTE approved Induction/Refresher Programme

" _Cyber Security on IOT and Cloud_

" held during

_3/7/2017_ to _7/7/2017_ Organized by _Fr.Conceicao Rodrigues College of Engineering_

Mumbai, Maharashtra

Advisor, AICTE   Executive Secreetary, ISTE   Principal   Program Coordinator

FR. AGNEL, ISTE FACULTY CHAPTER

Report for the year 2017-2018

The office bearers for Fr. Agnel ISTE Faculty Chapter

Dr. Srija Unnikrishnan – Chairperson

Prof. Kalpana Deorukhkar – Secretary

Prof. Shilpa Patil – Treasurer

Prof. Garima Tripathi – Member

Prof. Archana Karandikar – Member

Prof. Mangesh Mohan – Member

Dr. D. V. Bhoir – Permanent Invitee

Details of the short term training programme conducted by ISTE Chapter.

Name of Programme	Duration	No of Participants	Resource Faculty	ISTE Financed / Self Financed	Department
Cyber Security on IOT and Cloud	03rd-07th July 2017	10	Experts from Industry (Skynet Secure Solution)	Self Financed	Information Technology

SHORT-TERM COURSES
FOR THE FACULTY OF TECHNICAL INSTITUTIONS

PROFORMA FOR SENDING PROPOSALS

Note : Before filling up the Proforma, please read carefully the rules and conditions
listed in the Notification

Sponsored by The All India Council for Technical Education
Organized by The Indian Society for Technical Education

(To be filled in by Coordinator)

1	Name and address of Host Institution with Pin code	Address: FR. Conceicao Rodrigues College of Engineering, Fr. Agnel Ashram,Bandstand,Bandra(w), Mumbai, Maharashtra,India Pin Code: 400050 Phone:91-22-67114000 Fax: 22-67114100 Email:crce@fragnel.edu.in	
2	Title of the Programme (this should convey the content or main thrust of the programme) (in Capital Letters, please)	"Cyber Security in cloud and IOT"	
3	NBA accredited status	In Process	
4	The programme is intended for (Tick one only)	✓ Faculty of Degree level institution Faculty of Diploma level institution	

5	Name, Designation and Address of the course co-ordinator(s)	1. Mrs. Prajakta K.Bhangale
		   Assistant professor,
		   Department of IT
		   FR.CRCE,Bandstand,Bandra(w)
			2.Mrs. Prachi K. Patil
			   Assistant Professor
			   Department of IT
			   FR.CRCE,Bandstand,Bandra(w)

	ISTE Membership Details	**LM/GM: LM 101473**	**LM/GM- LM 75702**
	Telephone ,Mobile & email of the Coordinators	Mob:9833720466 Email: prajakta.bhongale@fragnel.edu.in	Mob:9969465845 Email: prachi@fragnel.edu.in
	Highest qualification of Coordinators	ME in Computer	ME in Computer
	Area of specialization	System and Network security	Programming and Database

	6.5years	11 years
Teaching Experience (years)	6.5years	11 years
Industry Experience (years)	------	-------
Number of papers published	3	3
Subject taught in the past 3 years *(Specify not more than 3)*	1. Computer Network 2. System and Web Security 3. Open Source Technologies	1. Structured Programming Approach 2. Object Oriented Programming 3. Operating Systems CN, SWS ,OST
Number of Short-Term Courses of Summer/Winter Schools Attended	3	8
Number of Short-Term Courses of Summer/Winter Schools conducted earlier		
Name and Address of the Officer to whom grant should be made. *(If it is Coordinator, write his name only. Otherwise give name and address)*	Secretary, Fr. Agnel, ISTE chapter	
Specialization area for which the proposal is made *(tick one only)*	Civil Mechanical Electrical ✓ Electronics ✓ Computer Science Pharmacy Architecture Management ✓ IT Related	Basic Sciences (Specify subject) Interdisciplinary (Specify areas covered) Others (specify)
The course is intended mainly for *(Tick one only)*	Senior level faculty with considerable experience New Faculty or Junior faculty with very little experience ✓ Any level of faculty with the right attitude and background Others (Specify)	

The course is basically (Tick one only) Note : *First two can be of 2 to 4 weeks duration. Third and Fourth can be of 1 to 2 weeks duration*	A Pre-induction Programme for New Teachers A Subject updating course ✓ A Specialised Programme on Emerging and New Areas of Technology A Special Programme on Institutional Management/ Development/Administration Other (Specify)
Whether the proposal covers any of the categories indicated (*Tick one, if applicable only*)	✓ Industry-based programmes with substantial involvement of industry and its experts Education Technology/Methodology of teaching Training for technical supporting staff Library Management/Services/Automation Others (specify)
Duration of the programme (*Tick one only*)	✓ One week (minimum 5 working days) Two weeks (minimum 10 working days) Three weeks (minimum 15 working days) Four weeks (minimum 20 working days)
Proposed dates for the Programme (*specify dates which may be changed later, if necessary*)	From 03/07/2017 To 08/07/2017 **Note :** *It is advisable to commence programme on MONDAY*
Total financial support needed (Give for different items indicated)	1. Boarding & Lodging : Rs. 75,000/- 2. TA/DA : Rs. 40,000/- 3. Books & Consumables : Rs. 5000/- 4. Honorarium to Coordinator, Faculty and Supporting staff : Rs. 30,000/- 5. Printing, Stationery, etc. : Rs. 5000/- ----------------------- Total : Rs. 1,55,000/- -----------------------
Do you expect participants from Industry/other organization? If YES, how many?	✓ YES NO Number = 15

Details of Boarding & Lodging arrangement (Tick appropriate ones)	ROOMS (a)		Single seated
		✓	Double seated (shared)
			Three seated
	(b)	✓	Bath attached
			Common bath
	(c)	✓	With bedding, sheets, etc.
			Without bedding, sheets, etc.
	(d)		Free of rent
		✓	Rs. 2000/-Charged as rent per day
	(e)		Within the institute campus
		✓	Outside the campus
	BOARDING (a)		In students hostel mess
			In institute canteen
		✓	Special mess arranged
			Others (specify)
	(b)	✓	Vegetarian
			Non-vegetarian
10. If your institution is an Institutional Member of ISTE, please indicate the Membership Number	IM 434		

I certify that the details given above are correct to the best of my knowledge and belief and I will organize the programme satisfactorily if approved. I also promise that I will close and submit the Audited statement of the accounts of the course within 30 days of completion of the STTP.

Place : MUMBAI

Date : 27/4/17

Signature of Coordinator with Name   Prajakta Bhangale   Prachi Patil

I agree to provide all necessary assistance and facilities of the institute for the conduct of the above programme. In case the proposal is approved and the funds are not available from ISTE/AICTE in time, our institution will provide fund as temporary loan to the Co-ordinator.

Place : Mumbai

Date : 27 - 04 - 17

Signature

Name & Address of Head of Institution Other officer concerned

Dr. Srija Unnikrishnan Principal, Fr. C.R.C.E. Bandra (W)

Budget for ISTE approved STTP on "Cyber Security in Cloud and IOT "

(Amended)

Organized by Department of Information Technology

Programme Date: 3rd July to 7th July 2017

Expected Participants: 10

Fees for Faculties: Rs 4000

Total income =66000/-

(5External*4000 = Rs 20,000/-)

(5 Internal *4000= Rs 20000/-)

(1External student*4000=4000/-)

(11 internal students*2000=22000/-)

Expected Expenditure:

Expected Expenditure	Details	Total(in Rs)
Food	Lunch+Breakfast+Tea+Snacks	11,000/- approx
Flex Banner	Price*no of banners =180*1	180/-
Bouquet	Price * no of bouquet =30*1	30/-
Traveling and Misc.		20/-
Certificates, Photo prints & study material		330/-
Speaker fees	Sachin Dadhia	22,000 /-
	Madhumita Chatterjee	2000/-
Folder, Pen, Notepad		520/-
ISTE Fees	ISTE Processing Fees	3000/-
Total		39080/-

Submitted by:

Prajakta Bhangale

(Cordinator)

Prachi Patil

(Cordinator)

Jagruti Save

(HOD IT Dept.)

O.k.

Rev- FR- Velision,

FR. CONCEICAO RODRIGUES COLLEGE OF ENGG.
Fr. Agnel Ashram, Bandstand, Bandra (W) Mumbai 400 050.

1. Overview and Details:

Type of Program	Short Term Training Program (STTP) on CYBER SECURITY IN IOT AND CLOUD
Date	3rd July to 7th July, 2017
Coordinators	Mrs. Prajakta Bhangale Mrs. Prachi Patil
Name of experts	1. Dr. Madhumita Chatterjee 2. Mr.Sachin Dedhia, Mr. Yogesh ,Mr. Karthik , Mr. Vinay Jaju and Ms.Jigna Bathija
Expert's Profile1 Expert's Profile2	Faculty of Computer Engineering Department, Pillia College of Engineering, Member of Course Setter Committee Trainers from Skynet Secure Solutions
Participants details	10 Faculty + 12 Students
Relevance to academic subjects	System and Web Security (SWS)

	PO5: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling of complex engineering activities with an understanding of the limitations. **PO12: Life-long learning:** Recognized the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Relevance to Program Specific Outcomes	PSO1:Contribute towards real life information system development and implementation. PSO2:Learn and practice contemporary IT domain Knowledge.
Conclusion	The STTP was very well received & appreciated by all the participants as it was an enriching & learning experience for all of them. They were well pleased since it was more of a hands-on session and the speakers were also very interactive with all the participants.

About STTP

Increased Internet penetration has given exponential rise in sophisticated attacks on Information Technology (IT) infrastructure. Attackers are gaining access to sensitive information like credit card details and other financial information. Smartphone attacks are growing in multiple folds. Also with the growth of 3G services and business transactions using mobile phones, there is a substantial increase in mobile malware. In order to make our IT infrastructure resilient against these threats, there is a need for cutting-edge Research and Development efforts in Cyber Security. The purpose of the course was to provide basic theoretical as well as practical knowledge of most of the topics from the syllabus to the faculties from different colleges. This STTP provided good knowledge of the course cyber security and digital forensics to the faculties participated in the STTP so that they would be able to deliver the same in the class.

Workshop Contents

The following topics were covered in the course

1. Digital forensics and Cyber Security Fundamentals.
2. Memory Forensics and N/w forensics
3. Android application and Security.
4. IOT applications and security
5. Cloud and IOT security

Welcome ceremony (3rd July,2017):

On behalf of Fr.C.R.C.E. Staff, Mrs. Anusha J. welcomed the participants and guests. Ms. Jagruti Save, Head of the Department introduced the course. Our Principal Dr. Srija Unnikrishnan heartily welcomed chief guest. Dr. Madhumita Chatterjee.

Course Details

On the first day, Dr. Madhumita Chatterjee., conducted the session on Fundamentals of Digital Forensics .In that session she gave overall idea about open source tools which can be used for Digital Forensics. On the same day at 1.30 pm onwards Mr.Sachin Dedhia founder of Skynet secure, focused on Ethical Hacking and IT security .He also discussed Cyber-crimes case studies and cyber security fundamentals.

On the second day, in the first session from 10.00 AM, trainer Mr.Yogesh and Mr.Karthik from Skynet Secure Solutions delivered the session on memory forensics and N/w forensics .In the second session, practical session is provided on various tools for forensics.

On the third and Fourth day, **Mr. Vinay Jaju and Ms.Jigna Bathija,** trainers from Skynet Secure Solution, delivered session and hands on Android Application and security issues along with IOT security and hand on Raspberry Pie is accomplished .Also using Arduino kits how to make small robot and handling issues related with security is accomplished.

Last day trainers **Mr. Yogesh and Mr. Jerry** conducted session on Big data security and cloud security.

Closing Ceremony (7th July 2017):

On 7th July evening, program was concluded by head of Department Ms. Jagruti Save, and Coordinators with vote of thanks. The program received very good response. Total 10 participants (faculties from various colleges) attended the course. Feedback forms were collected from all participants. Course Material distributed to all participants by mail.

FR. CONCEICAO RODRIGUES COLLEGE OF ENGG.
Fr. Agnel Ashram, Bandstand, Bandra (W) Mumbai 400 050.

Participant left premises giving good feedback and showed their willingness to participate again in near future programs conducted by college.

Fr. Conceicao Rodrigues College of Engineering, Bandra

Registration Form

One week AICTE-ISTE approved STTP on "Cyber Security on IOT and Cloud" (3rd July to 7th July 2017)

Sr. No	Name of Participant	Name of Institute / college	Email Address	Contact No	Student/ faculty	Mode of Payment Ch/DD/cash	Amount paid	ISTE Number	Signature
1	Srishti Rajani	PACE JR. SCI Coll	srishtirajani@gmail.com	9702385620	Student	Cheque	4000/-		
2	Mahendra Mehra	Fr. C.R. CE	mahendra4620@gmail.com	8149327821	faculty	Sponsored		IM/10/4469	
3	Saurabh Kulkarni	FR.CRCE	saurabh.kulkarni@...	9163757...	Faculty	sponsored			
4	Monali Shetty	Fr. CRCE	monali.shetty@fr.crce.ac.	7276445903	"	"			
5	Upadnya Chavanay	Fr. CRCE	chavanayupadnye@gmail	89K19896	student	Cash	2000/-		
6	Vaibhav Goalbole	Fr. CRCE	golbole@fr.crce...	9464311905	faculty		2000/-	8946	
7	DHIKRI SHUBHAM	FR.CRCE	dhurishubham@....	8041781912	Std.	cash	2000/-		
8	Rakshak P.Sood	VIT	Rakshak.Sood@vit.edu.in.9		Faculty	Cash	2000/-		
9	NAOMI CRASTO	FR.CRCE	naomicrasto381@....	10044910SS	Student	Cash	2000/- → 2000/- = 4K		
10	Swati V. Natural	DMCE	swae.swan@gmail	95945832	student	Cash	4000/- UI 47942		
11	Sakshi Nakashe	FRCRCE	sakshinakashe@gmail	8850657194	staff	Cash	2000/-		
12	Suba Mukundhan	FRCRCE	subamukundhan3	7021018595	student	Cash	2000/-		
13	Atharva Raut	FRCRCE	rautatharva1997@gmail.com						
14	Siddhi Khanvilkar	FRCRCE	siddhikhanvilkar1997@gmail.com	9969698054	Student	Cash	2000/-		
15	Risha Solanki	FR.CRCE	dishasolanki89@gmail.com	9820174754	Student	Cheque	2000/-		
16	Ranjula Rajawia	FR.CRCE	ranjula.rajawia@gmail.com	7567130301	student	Cash	2000/-		
17	Gaurav Verma	FR.CRCE	gauravvermahoni1997@gmail.com	8377929367	student	Cash	2000/-		
18	Elizabeth George	SFIT	elizabeth.george@gmail.com	9619380654	faculty	Cash	4000/-		

One week AICTE-ISTE approved STTP on "Cyber Security on IOT and Cloud"(3rd July to 7th July 2017)

Sr. No	Name of Participant	Name of Institute / college	Email Address	Contact No	Student/ faculty	Mode of Payment Ch/DD/cash	Amount paid	ISTE Number	Signature
19.	Dr. Vaishali Jadhav	SFIT	vaishalijadhav@sfit.engg.org	9209185663	faculty	Cash	B. 4000		Vaishali
20.	Yogita Borse	KJSCE	yogitaborse@someya.edu	9324765426	faculty	chk	2000/-		
21	AKSHAY PATADE	FRCRCE	akshaypatade@gmail.com	8451014752	Student	Cash	2000/-		
22	Paréshri Shah	CRCE	pshah@fragol.edu		faculty	Sponsored	4000/-		

Registration List

Sr. No.	Name	Contact Number	Organization	Mode of Payment	Cheque/DD No.	Email id
1	Megha More (50)	9773042₈	FRCRCE	cash	–	megha.more.95@gmail.com
2	Puja Channu (500)	975+4279 60	FRCRCE	Cash	–	getpuja11@gmail.com
3	Ritika Radhon (500)	7066142254	FRCRCE	Cash	–	ritika.g65@gmail.com
4	Aishwarya E. Wadhya (500)	9004056755	FRCRCE	Cash		aishwaryawadhya@gmail.com
5	Akshay S. Payale (500)	8600774532	VOGCE	cash	–	akshaypayale889@gmail.com
6	Achyut Rohidas Duplise (500)	9225670956	VOGCE	cash	–	duparooachyut@gmail.com
7	Lone Pooja Vijay (500)	8838000025	–''–	cash	–	thepoojalone@gmail.com
8	Neil Gonsalves (500)	9408954035	FRCRCE	cash	–	neilgonalvesng@gmail.com
9	Nadia Dsilva (500)	8806356119	FRCRCE	cash	–	nadiadsilva1999@gmail.com
10	Harshita Sawude (500)	9619498④	FRCRCG	cash		harshita.sawade.83@gmail.com
11	Shaikh Kaynat (500)	8916515290	FRCRCE	cash	–	kaynatshaikh12@gmail.com
12	Don Jain (50)			Cash		
13	Deborah Kammu (50)			Cash		

		No.		Payment	Number	Email Id
14	Prachiti Tayshede (500)	7969069539	FRCRCE	Cash		prachititayshete 211e@gmail.com
15	Liya Francis (500)	8806585534	FRCRCE	cash		aiyafrancis1998@gmail.com
16	Prabhijot Banrah (500)	8777849115	—"—	—"—		bamrahprabhijot@gmail
17	Arlene Dcosta (500)	8108710588	—"—	—"—		adedcosta11@gmail.com
18	Mayur Pawar (500)	7987190792	—"—	—"—		MayurPawar325@gmail
19	Nishant Seth (500)	7205812789	"—"—	cash		nishantseth41@gmail.c
20	Si Singh Pradeep V	7029129710	FRCRCE	Sponsored		pradeep@frcrce.ac
21	Yogesh Rampooja	8356360015	"	Sponsored		rampurjogyesh@yah
22	Prajakta Dhamankar	9867625188	FrCRCE	Sponsored		prajakta.dhamankar@frcrce.edu.in
23	Sanika Daware		FrCROE	Sponsored		

Two Days FDP on

Data Analytics

Organised By

Dept. of Information Technology, Fr. CRCE, Bandra

REGISTRATION FORM

Name:
Designation:
Institution:
Address:
Phone:
Email:
Details of
Payment:

DD* / Cheque* /
NEFT** / cash

DD/Cheque
No:
Bank:
Signature of
Date:

Participant:

Date:

*DD/Cheque can be drawn in favour of "Fr. Conceicao Rodrigues College of Engineering", payable at Mumbai).

**Details for NEFT

Institute Name	Fr. Conceicao Rodrigues College of Engineering
Name of the Bank	CORPORATION BANK
Name of the Branch	BANDRA(W), MUMBAI
Branch Code	400050
	0120
NEFT IFSC Code	CORP 0000120
Type of Account (10/11/13)	SB (Code- 10)
Account No.	520141000955023

PATRONS

Rev. Fr. Peter D'Souza: Local Superior
Rev. Fr. Valerian D'Souza :Director
Dr. Srija Unnikrishnan :Principal

CONVENER

Prof. Jagruti Save
Head of Department,
Department of Information Technology
Email : jsave@frcrce.ac.in

COORDINATORS

Prof. Garima Tripathi – Asst. Prof.
Mob.: 9869695897
Email: garima@fragnel.edu.in

Prof. Jay Borade – Asst. Prof.
Mob.: 810874276
Email: jay.borade@fragnel.edu.in

VENUE

Department of Information Technology
Fr. Conceicao Rodrigues College of Engg.

Phone: 022-67114000 Fax: 022-67114200
E-mail: crce@frcrce.ac.in
Website: http://www.frcrce.ac.in

How to Reach Take BEST Bus of Route No. 211 from Bandra Station West to reach Fr. Agnel Ashram. (Land Mark : Taj Land Ends)

Department of Information Technology

Fr. Conceicao Rodrigues College of Engineering, Bandra

Faculty Development Program (FDP)

Two-Days

On

DATA ANALYTICS

23rd and 24th March 2018

ORGANISED BY

Department of Information Technology

Fr. Conceicao Rodrigues College of Engineering, Bandra

ABOUT THE COLLEGE

Fr. Conceicao Rodrigues College of Engineering (CRCE) was established in 1984 as part of Fr. Agnel Technical Complex at Bandra, Mumbai by the Society of St. Xavier Pillar and is named after its founder the late Rev. Fr. Conceicao Rodrigues. The College is affiliated to the University of Mumbai. The college offers Bachelor Degree courses in Production Engineering, Electronics Engineering, Computer Engineering and Information Technology. The College also offers full-time Masters Degree courses in Production Engineering (Robotics), Electronics Engineering and part-time Production Engineering (Manufacturing). The College is located at Bandstand, Bandra, Mumbai in a picturesque environment surrounded by the Arabian Sea.

VISION AND MISSION

"Moulding engineers who can build the Nation"

Fr. CRCE has been a center of excellence in engineering education, moulding engineers with state-of-the art technologies, innovative skills and human values matching with the growing expectations of corporates and society, and thus plays an effective role in nation building.

ABOUT DATA ANALYTICS

Data analytics is the process of examining large and varied data sets -- i.e., big data -- to uncover hidden patterns, unknown correlations, market trends, customer preferences and other useful information that can help organizations make more-informed business decisions.

Data analytics applications enable data scientists, predictive modelers, statisticians and other analytics professionals to analyze growing volumes of structured transaction data, plus other forms of data that are often left untapped by conventional business intelligence (BI) and analytics programs.

HIGHLIGHTS OF THE PROGRAM

- Basic understanding of Data Analytics
- Demonstration of Data Analytics fundamentals using Case studies
- Discussion on various opportunities and Carrier scope in Data Analytics

PROGRAM SCHEDULE

Day1:

(Time: 9:30 a.m. to 5:00 p.m.)

- Inauguration
- Basic Understanding of Data Analytics
- Foundational Features of Data Analytics
- Applications and trends of Data analytics

Day2:

(Time: 9:30 a.m. to 5:00 p.m.)

- Introduction and recap from previous day
- Lecture session on ETL with real time example.
- Introduction various DA Tools in market.
- Solving of DA Case studies on Excel
- Discussion on advanced Data Analytics from carrier perspective.
- Valedictory Function and Closure

TARGET AUDIENCE

- Faculty members from varied engineering disciplines
- SE, TE, BE students from varied engineering disciplines.

RESOURCE PERSONS

Mr. Ashish Agarwal
Business Intelligence Developer,
FRSPL India Pvt. Ltd.

Mr. Varun Sharma,
Sr. Data Engineer, AERA Technology

REGISTRATION FEES

Participant fees : INR 500/-

Last Date of Registration : 21st March 2018

1. Overview and Details:

Type of Program	Faculty Development Program
Date	23rd & 24th March 2018
Name of experts	Mr. Ashish Agarwal Mr. Varun Sharma
Expert's Profile1 Expert's Profile2	Business Intelligence Developer in FRSPL India Pvt.Ltd with a work experience of 7years. Senior Data Engineer in AERA Technology with an experience of 7.5 years.
Participants details	30

	PO12: Life-long learning: Recognized the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Relevance to Program Specific Outcomes	**PSO1:**Contribute towards real life information system development and implementation. **PSO2:**Learn and practice contemporary IT domain Knowledge.
Conclusion	The FDP was very well received & appreciated by all the participants as it was an enriching & learning experience for all of them. They were well pleased since it was more of a hands-on session and the speakers were also very interactive with all the participants.

was explained, and how to further use these visualizations for analyzing data was explained. An overview of creating dashboards in powerBI was also described.

The session ended with an insight to applications and trends in data analytics.

Day 2:

The speaker for Day 2 was Mr. Varun Sharma. He works as a Senior Data Engineer in AERA technology. This session started with a recap of the previous session. He gave an introduction to the following tools:

SSIS - **SSIS** is a platform for data integration and workflow applications. It features a data warehousing **tool** used for data extraction, transformation, and loading (ETL).

MSBI – Microsoft Business Intelligence (MSBI) is one of the top business intelligence and data mining tool. It provides following benefits to its users:

- Interactive dashboards and scorecards facilitate easy access to data
- All users work on same version of the data
- Quick and exact output through search engines despite heavy volumes of data
- Secure and intuitive environment with no specialist's intervention required
- Data analysis from different point of view

ETL (Extract, Transform and Load) is a process in data warehousing responsible for pulling data out of the source systems and placing it into a data warehouse.

The speaker said that the job of a analyst is to clean the data and import the data from a database, report or excel file.

The speaker started with a demonstration using a small data set and showing how we can format the data using TRIM() function and many other options to clean and format the data well.

Then we moved on to tableau software. Tableau software produces interactive data visualization products focused on business intelligence. This product queries relational databases, OLAP cubes, cloud databases, and spreadsheets and then generates a number of graph types.

Tableau has a mapping functionality, and is able to plot latitude and longitude coordinates and connect to spatial files like Esri Shapefiles, KML, and GeoJSON to display custom geography.

The next tool taught was TIBCO Spotfire. It is a smart, secure, governed, enterprise-class analytics platform with built-in data wrangling that delivers AI-driven, visual, geo, and streaming analytics. The speaker said that if you are beginning your analytics journey by

analytics platform with built-in data wrangling that delivers AI-driven, visual, geo, and streaming analytics. The speaker said that if you are beginning your analytics journey by building a simple dashboard, or working on generating deeper insights with a hyper-rich interactive analytic app, Spotfire supports you with numerous tools and techniques.

After that we moved onto doing analytics with Microsoft Excel. The ability to analyze data is a powerful skill that helps you make better decisions. Microsoft Excel is one of the top tools for data analysis and the built-in pivot tables are arguably the most popular analytic tool.

We were taught how to create and use pivot table to do analytics. We learnt how to perform data analysis using Excel's most popular features. We created pivot tables from a range with rows and columns in Excel. We saw the power of Excel pivots in action and their ability to summarize data in flexible ways, enabling quick exploration of data and producing valuable insights from the accumulated data.

Pivots are used in many different industries by millions of users who share the goal of reporting the performance of companies and organizations. In addition, Excel formulas can be used to aggregate data to create meaningful reports. To complement, pivot charts and slicers can be used together to visualize data and create easy to use dashboards. These were the main concepts covered in Excel.
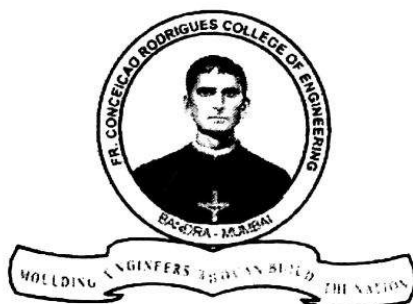
After this session there was a interactive session where you could interact with the speaker and also clear all your doubts and get a lot of guidance regarding data analysis, possible careers in data analytics and the right way to proceed to become a data analytics.

Submitted by

Mrs. Garima Tripathi

25/03/2018

National Level
Two Days Faculty Development Programme (FDP)
On
Hands-on Training on Computational Fluid Dynamics using Simulations

03rd & 04th Feb. 2017

ORGANISED BY

DepartmentofProductionEngineering
Fr.ConceicaoRodriguesCollegeofEngineering

The Details of projected Income and Expenditure is attached. Kindly Approve the above FDP.

Yours Faithfully

Prof. D. S. S. Sudhakar
Head of Department

FR.CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Fr.Agnel Ashram, Bandra (w) MUMBAI-400050

Department of Production Engineering

20 January 2017

To,

The Principal,

Fr.Conceicao Rodrigues College of Engineering,

Bandra, Mumbai-400050

Subject-Request for Approval regarding Conduction of two-days FDP on "Hands-on Training on Computational Fluid Dynamics using Simulations" on 3rd and 4th February 2017.

Respected Madam,

Department of Production Engineering is willing to conduct two days FDP on "Hands on Training on Computational Fluid Dynamics using Simulations" on 3rd and 4th February 2017. This FDP will be held with an objective of providing a hands-on experience of performing computational fluid dynamics simulations.

Contents of the FDP:

Day 1:
1. Key Note Lecture by Dr. Prasanna Nambiar on Computational Fluid Dynamics (CFD)
2. Demonstration of CFD simulation Software (Pre-processing, Solver, Post-processing)

Day 2:

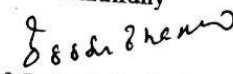Hands-on Training of computational fluid dynamics simulations:
1. CFD simulation of a rotating component and Ball Valve
2. Aerodynamic Analysis
   - Aerodynamic Analysis of a 2D aerofoil
   - 3D Aerodynamic Analysis

Resource Persons:

Key Note Speaker – Dr. Prasanna Nambiar, Principal, Don Bosco Institute of Technology
Demonstration and Hands-on Training: Ms.Ketaki Joshi, Mr. Hitendra Vaishnav, Ms. Dipali Bhise, Mr. Prasad Kawade

The Details of projected Income and Expenditure is attached. Kindly Approve the above FDP.

Yours Faithfully

Prof. D. S. S. Sudhakar
Head of Department

FR.CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Fr.Agnel Ashram, Bandra (w) MUMBAI-400050

Department of Production Engineering

Projected Income Expenditure Statement For FDP on Hands on Computational Fluid Dynamics using Simulations (3&4 February 2017)

Income		Expenditure	
Details	Amount	Details	Amount
Registration Fees @1000	20000	Remuneration to Resource Persons	5000
(Number of Participants)		Food Expenses@Rs500X25	12500
20		Flowers and other hospitability Expenses	300
		Certificates and Banners	1200
		Excess Income Over Expenditure	**1000**
Total	**20000**	**Total**	**20000**

D.S.S.Sudhakar

H.O.D

Rev. Fr. Valerion,
Kindly approve.

O.k,

27/1/2017

Date: 02/02/2017

To,
The Principal,
Fr.Conceicao Rodrigues College of Engineering,
Bandra-400050

Subject-Sponsorship of candidates for two days FDP on "Computational Fluid Dynamics using Simulations" on 3-4 February 2017.

Dear Madam,

Department of Production Engineering is organizing two days FDP on "Computational Fluid Dynamics using Simulations" on 3-4 February 2017.

Kindly approve sponsorship of following candidates for above mentioned FDP

1. Dr. Bhushan Patil
2. Prof. Arun B Rane
3. Prof. M V B Rao
4. Prof. Deepika Singh Singraur
5. Prof. Saurabh Korgaonkar

Thanking You,

Prof. D. S. S. Sudhakar
H.O.D. (Production)

Page 278

31 January 2017

To,
The Head of Department
Information Technology Engineering
Fr. CRCE, Bandra

Subject: Request for conducting FDP on Computational Fluid Dynamics using Simulations on 3rd and 4th Feb 2017 in an IT Departmental lab on 8th Floor

Respected Ma'am,

Production Engineering department is conducting a faculty development program (FDP) on Computational Fluid Dynamics using Simulations on 3rd and 4th Feb 2017. However due to shifting of our CAD/CAM lab, it seems difficult to prepare that lab in next two days for the FDP.

We request you to allow conduction of FDP on 3rd Feb (Morning Session) and 4th Feb (Whole Day) in one of the IT labs on 8th floor. Also we need to install the software required for CFD Analysis on all the Computers in that lab in next two days followed by its un-installation post FDP.

Kindly approve the request.

Prof. Ms. Jagruti.
Request you to do the needful
association
31.1.17

Yours Faithfully,

FDP Co-ordinator
(Ketaki Joshi)

HOD (IT)

lab 809.

National Level

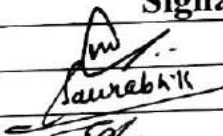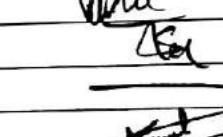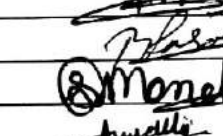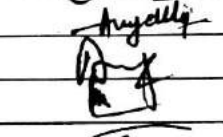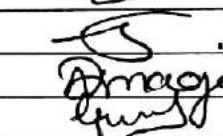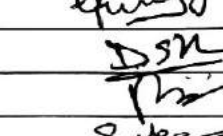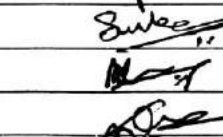## Two Days Faculty Development Programme (FDP)

On

Hands-on Training on Computational Fluid Dynamics using Simulations

03/2/17

Attendance (Day 1)

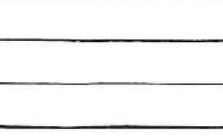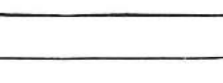| Sr. No	Name of the Participant	Signature
1	MANAS NERURKAR	
2	Saurabh Korgaonkar	Saurabh K
3	manoj Dhawade	
4	Kulwant Dhawkar	Kulwant
5	Ajinkya P. Lele	
6	Sharad S. Rajgon	
7	Shashank S. Shetty	
8	Amruta R. Gokhale	
9	Deep Bandivadekar	
10	MANOJ JAYARAM GHAG	Ghag
11	Rushikesh M. Rasal	
12	Shilpa M. Mondkar	Mondkar
13	Ameya Pradip Nijasure	
14	ARUN P. RAJU	
15	Arun B. Rane	
16	Pratheunyn Tendulkar	
17	Niraja Magar	
18	Gaurav B. Tulkmi	
19	Dhanashree S. Raorane	DSR
20	Priyanka kulkarni	
21	Subodh Bhanuwe	Subee
22	Nirmiti Karandikar	
23	Deepika Singh Singraur	
24	M. V. B. Rao	

National Level
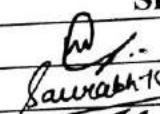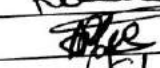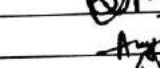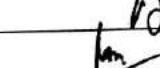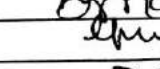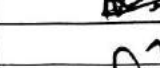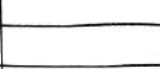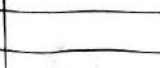
Two Days Faculty Development Programme (FDP)

On

Hands-on Training on Computational Fluid Dynamics using Simulations

04/2/17

Attendance (Day 2)

Sr. No	Name of the Participant	Signature
1	MANAS NERURKAR	
2	Saurabh Korgaonkar	Saurabh K
3	manoj Dhawale.	
4	Kulwant Dhawale	Kulwant
5	Ajinkya Lale	
6	Sharad Rajigare	
7	Shashank S. Shetty	
8	Amruta R. Gokhale	
9	Deep S. Bandivadekar	
10	MANOJ JAYARAM GHAG	
11	Rushikesh M. Rasal	Rasal
12	Shilpa M. Mondkar	Mondkar
13	Ameya Pradip Nijasure	
14	ARUN P. RAJU	
15	Arun B. Ray	
16	Prathamesh Tendulkar	Amogen
17	Niraja Magar	
18	Gaurav B. Thakur	
19	Dhanashree S. Raorane	DSR
20	Priyanka Kulkarni	
21	Subodh Bhamare	
22	Nirmiti Karandikar	
23	Deepika Singh Singsarri	
24	MVB Rao	

(12)

Projected Income Expenditure Statement For FDP on Hands on Computational Fluid Dynamics using Simulations (3&4 February 2017)

Income		Expenditure	
Details	Amount	Details	Amount
Registration Fees @1000	20000	Remuneration to Resource Persons	5000
(Number of Participants)		Food Expenses@Rs500X25	12500
20		Flowers and other hospitability Expenses	300
		Certificates and Banners	1200
		Excess Income Over Expenditure	1000
Total	20000	Total	20000

D.S.S.Sudhakar

H.O.D

Rev. Fr. Valerian,
Kindly approve.

O.k.

27/1/2017

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

PRODUCTION ENGINEERING

Organizing Committee for FDP on "Hands-On Training on Computational Fluid Dynamics using Simulations" conducted on 3rd and 4th February 2017

Sr.No	Committee	Member
1	FDP Coordinators	Ms. Ketaki Joshi Ms. Deepika Singh
2	Brochure Preparation, Banner Design and printing, Certificate design and printing	Prof. M.V.B. Rao
3	Publicity and Advertisement	Dr.Bhushan Patil Prof D.S.S.Sudhakar Ms. Ketaki Joshi Ms. Deepika Singh
4	Finance and Accounting	Dr.Bhushan Patil Dr.Vasim Shaikh
5	Registration and Enrollment	Mr. M.V.B.Rao
6	Food Arrangement	Ms. Dipali Bhise
7	Session management and Venue management	Mr. Hitendra Vaishnav Mr. Prasad Kawade
8	Hospitability and Invitation	Ms.Deepika Singh Ms. Ketaki Joshi

Prof. D. S. S. Sudhakar

(Head of Department)

Fr. Conceicao Rodrigues College of Engineering

Department of Production Engineering

FEEDBACK OF 2-DAYS FACULTY DEVELOPMENT PROGRAM ON
"Hands-on Training on Computational Fluid Dynamics using Simulations"
DATE : 03 & 04TH FEBRUARY 2017

-PLEASE TICK AGAINST YOUR CHOICE OF OPTION

1. NAME OF PARTICIPANT : Saurabh. A. Korgaonkar

2. CONTACT NO: 9869285983   FROM

A. **Are you satisfied with contents of the course?**
   - Very much satisfied
   - ✓ Satisfied to some extent
   - Not satisfied at all
   - Can's say

B. **Do you find contents of this programme useful to you?**
   - ✓ Very much satisfied
   - Satisfied to some extent
   - Not satisfied at all
   - Can's say

C. **Are you satisfied with the level of interaction between course instructors and you?**
   - ✓ Very much satisfied
   - Satisfied to some extent
   - Not satisfied at all
   - Can's say

D. **Are you satisfied with other arrangements like breakfast, lunch etc. ?**
   - ✓ Very much satisfied
   - Satisfied to some extent
   - Not satisfied at all
   - Can's say

E. **Please rate this programme on 1-5 scale (1 – Low, 5 – Highest) ?**

1	2	3	4	5

F. **Any other comments / suggestions for improvement of the programme?**

Signature of Participant : Saurabh K.

Page 285

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

Phone: 022 - 6714411   Visit us at www. frcrce.ac.in

▶ **Participant Registration:-**

Note: Participants are requested to be present 15 minutes before the start of the Day session

Registration Form for FDP on
"HANDS-ON TRAINING ON MECHATRONIC SYSTEMS"

Participant Name	TISHA JOSE
Organization	Fr CRCE, BANDRA (W)
Address for Communication	Fr CRCE, BANDRA (W)
Contact Nos.	9892602348
Email Address.	tisha_jose@frcrce.ac.in
Web-page	Cheque / DD details
Amount Paid	
Cheque / DD no.	
Date	16/08/16
Bank Details	Other Details, if any

About the Institute:

Fr. Conceicao Rodrigues College of Engineering (CRCE) Mumbai is an 'A' grade college established in 1984 by the Society of St. Francis Xavier, and is named after its founder **Late Fr. Conceicao Rodrigues**

Our College offers Bachelor Degree courses in **Production Engineering**, **Electronics Engineering.**, **Computer Engineering** and **Information Technology**. The college also offers Masters and Doctoral courses in **Electronics Engineering** and **Mechanical Engineering**. The college is located at Bandstand, Bandra in a picturesque environment surrounded by the Arabian Sea. The Institute is approved by AICTE and affiliated to University of Mumbai.

About Christiani Sharpline :-

Is engaged in the business of inter alia, the sale of up-grade solutions and training products to technical institutes and training sectors of industries as well as manufacturing units.

About IIIE :

Established in 1957. IIIE has been consistently doing extensive and pioneering work in disseminating, fostering, developing and advancing the discipline and profession of Industrial Engineering in India.

Course Coverage and Schedule

Day	Venue	Schedule	Activity
1	Fr.CRCE	10:00 AM	Inauguration
		10.30 AM	**Tea- Break**
		10.45 AM	Basics of Mechatronics and its Industrial Applications - Prof. Saurabh Korgaonkar
		12.45 PM	**Lunch**
		1.45 PM	Presentation by CSTT Professionals
			1. Didactic concept of structured approach to task realization
			2. System approach - For analysis of Mechatronics system
			3. Creating block diagram for a Mechatronics System module -Pneumatic Press
2	CSTT Navi Mumbai	10:00 AM	**Morning Tea**
		10.30 AM	1.Creating Assembly plan For Pneumatic Press
			2.Mechanical assembly Of Pneumatic Press
			3. Different types of electrical components sensors, actuators.
			4.Sensor wiring (2 wire & 3 wire types).
		12.45 PM	**Lunch**
			5. Interpretation of E-Plan Drawing
			6. Understanding functional description of Pneumatic Press
			7. Creating functional flow chart for the Pneumatic Press
			8. Wiring of Pneumatic Circuit
			9. Creating symbolic addressing for Pneumatic Press I/O's
			10.PLC Programming Of Pneumatic Press
			11.Commissioning Of Pneumatic Press
		4.00 PM	**Valedictory function and Thanks note.**

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

Phone: 022 - 67114111   Visit us at:www. frcrce.ac.in

▶ Participant Registration:-

Note: Participants are requested to be present 15 minutes before the start of the Day session.

Registration Form for FDP on
"HANDS-ON TRAINING ON MECHATRONIC SYSTEMS"

Participant Name	TISHA JOSE
Organization	Fr CRCE, BANDRA (W)
Address for Communication	Fr CRCE, BANDRA (W)
Contact Nos.	9892602348
Email Address.	tisha_jose@frcrce.ac.in
Web-page	Cheque / DD details
Amount Paid	
Cheque / DD no.	
Date	16/08/16
Bank Details	
	Other Details ,if any

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			4.Sensor wiring (2 wire & 3 wire types).
		12.45 PM	Lunch
			5. Interpretation of E-Plan Drawing
			6. Understanding functional description of Pneumatic Press
			7. Creating functional flow chart for the Pneumatic Press
			8. Wiring of Pneumatic Circuit
			9. Creating symbolic addressing for Pneumatic Press I/O's
			10.PLC Programming Of Pneumatic Press
			11.Commissioning Of Pneumatic Press
		4:00 PM	Valedictory function and Thanks note.

Fr. Conceicao Rodrigues College of Engineering, Bandra (W) – 50
Department of Production Engineering

Feedback for 2-Days Faculty Development Program on
"Hands-on Training on Mechatronic Systems"
Date : 19th & 20th August 2016

Please √ against your choice of option

1. **Name of Participant**   Wagh Snehal Kishor.

2. Are you satisfied with content of the course?
   - Very Much Satisfied
   - ✓ Satisfied to some extent
   - Not satisfied at all
   - Can't Say

3. Do you find content of this programme useful for you?
   - To great extent
   - ✓ To some extent
   - Not useful
   - Can't Say

4. Are you satisfied with level of interaction between course instructors and you?
   - To great extent
   - ✓ To some extent
   - Not much interactive
   - Can't Say

5. Are you satisfied with other arrangements like breakfast, lunch--etc?
   - To great extent
   - ✓ To some extent
   - Not satisfied
   - Can't Say

6. Please rate this programme on 1-5 Scale-
   - 1
   - 2
   - 3
   - ✓ 4
   - 5

7. Any other comments/suggestions for the improvement of the programme:

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To,

The Principal,

Fr.Conceicao Rodrigues College of Engineering,

Bandra, Mumbai-400050

Date : 09/08/16

Subject-Approval for Conducting two days FDP on "Hands on Training on Mechatronic Systems" on 19th and 20th August 2016.

Respected Madam,

Department of Production Engineering wants to conduct two days FDP on "Hands on Training on Mechatronic Systems" in association with ChristianiSharpline Technical Training Private Limited on 19th and 20th August 2016.This FDP will give hands on experience on mechatronic systems.On day-1, the resource faculties from our college and ChristianiSharpline will guide participants about how to analyse mechatronic systems, create block diagrams of the mechatronic systems. On day 2, the participants will undergo hands on training on Mechatronics application to pneumatic press at ChristianiSharpline Technical Training campus. The Details of projected Income and Expenditure is attached. Kindly Approve above FDP.

Yours Faithfully

Prof.D.S.S.Sudhakar

(Number of Participants)		Food Expenses	4000
16		Flowers and other hospitability Expenses	1000
		Certificates	0*
		Banner	0*
		Excess Income Over Expenditure	2200
Total	27200	Total	27200

*Banners and Certificates will be sponsored by Indian Institute of Industrial Engineering (IIIE)

Rev. Fr. Melwin,
Kindly approve.

09/08/16

08/08/16

2-Days Faculty Development Program on
"Hands-on Training on Mechatronic Systems"
Date : 19th & 20th August 2016
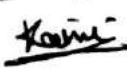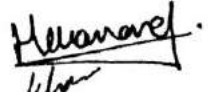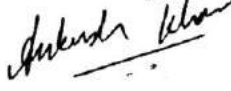
Attendance (~~DAY 01~~ / DAY 02)

No.	Name of the Participant	Mobile	Signature
1	Amolika. J.	9029192856	
2.	Snehal Wagh.	9579284598	
3.	Kamini Bhavsar	7738271657	
4	Nikhil Kadu	9028379427	
5	Rahul Sheley	8983016186	
6	PRATHAMESH R. POTDAR	8976629233	
7	Dr. B. T. Patil	9820369797	
8.	Saurabh. Korgaonkar	9869285983	
9.	K. T. DAVID	9223464988	
10.	Dr. Vasim A. Shaikh	9702899937	
11	Hitendra Vaishnav	9823717305	
12	Miriyala Veerabhadrakao	9892661369	
13.	Ankush Khaire	9757 424 763	
14	Heeranand. Vhangade	7588316426	
15	Dipali Kisan Bhise	9930388048	
16	TISHA JOSE	9892602348	
17	Deepika Singh	9503434905	
18	Ketaki N. Joshi	9833192323	
19.	Dr. P. D. Deshmukh		

Fr. Conceicao Rodrigues College of Engineering, Bandra (W) – 50
Department of Production Engineering

2-Days Faculty Development Program on
"Hands-on Training on Mechatronic Systems"
Date : 19th & 20th August 2016

Attendance (DAY 01 / ~~DAY 02~~)

No.	Name of the Participant	Mobile	Signature
1	Ketaki N. Joshi	9833192523	
2	Hitendra Vaishnav	982371730s	
3	Deepika Singh	9503434905	
4	Dipali Kisan Bhise	9930388048	
5	TISHA JOSE	9892602348	
6	Kamini Pande	7738271657	
7	Vasim Shaikh	9702899737	
8	Rao Veera Bhadra S.N.	9892661369	
9	David K.J.	9223464988	
10	Heeranand B.V	7588316426	
11	Ankush Khaire	9757 424 765	
12			

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Department of Electronics

Fr. Conceicao Rodrigues College Of Engineering, Bandra

Two day Workshop

on

"Hands on Training on PYTHON coding and Remote Lab Learning"

(February 10th and 11th, 2017)

CO-ORDINATOR'S REPORT

Two day Workshop

on

"Hands on Training on PYTHON coding and Remote Lab Learning"

(February 10-11, 2017)

Convener

Dr. D.V. Bhoir

(Head of Electronics Dept.)

Co-ordinators

Archana Lopes

Heenakausar Pendhari

Objective:

As it is seen from the applications of Python in web and internet development, in scientific and numeric computing, in education, in desktop GUIs and in software development and testing, we decided to have a two day workshop on Python. Also looking at the project needs of students remote lab learning is included in the workshop.

Important Dates:

Last date of receiving application: 3rd February 2017

Participants:

We received 36 registrations. Details are given in Annexure I

Arrangements:

Breakfast, tea and lunch were arranged for all the members reported for the program on both the days. Participants were given folder, writing pad , pen and soft copy of all the presentations were mailed to them .

Programme Details:

The workshop was inauguarated on 10th February 2017 at 9:30 am by Dr. D.V. Bhoir, Head of Electronics Department and also addressed the participants at the inaugural function.

Immediately after the inauguration, the session was started by Mr. Ganesh Gore, Cheif Training officer from Eduvance. He taught basics os Python and Python specific functions on the first day.

Second day started with introduction to IoT using Python. After tea break , introduction of remote lab was given to the students. The post lunch session was on hands on remote lab learning where he demonstrated working with remote FPGA labs and working with ARM embedded system remote environment.

After this in the valedictory function, certificates were distributed to the participants . The programme concuded with vote of thanks by the co ordinators.

ACKNOWLEDGEMENT:

The coordinators of the workshop convey their sincere thanks for the help, commitment and dedication of all the faculty ad supporting staff of CRCE for their timely support and assistance in organizing this event.

The coordinators wish to place on record their appreciation of the significant contribution and cooperation rendered by all the expert speakers for the smooth coordination of the programme.

Last but not the least, we wish to thank all our participants for being a part of this event and make it a success.

Coordinators:

Prof. Archana Lopes   Prof. Heenakausar Pendhari

ANNEXURE-I

LIST OF PARTICIPANTS

Sr.No.	Name of the Participant	Mail id	Contact Number	College
1	SHANNON GONSALVES	shannon_1027@hotmail.com	9921212424	FRCRCE
2	VARUN MULLINS	varunmullinsss@gmail.com	9819599973	FRCRCE
3	SAURABH MHATRE	saurabhmhatre99@gmail.com	8451042530	FRCRCE
4	VINAYAK KAMAT	omkarkamat1995@gmail.com	9768378307	FRCRCE
5	CHINMAY MORE	morechinmay123@gmail.com	8108483387	FRCRCE
6	GANESH KHOPADE	kpganesh121.gk@gmail.com		FRCRCE
7	GAURAV KOLAPATE	gaurav.kalapate54@gmail.com	9967662745	FRCRCE
8	TANVI SUHAS RANIM	tanvi2881998@gmail.com	8879543198	FRCRCE
9	MORE GAYATRI SANJAY	moregayatri4@gmail.com	7756933664	FRCRCE
10	GAURI NARAYAN PAWAR	megauripawar@gmail.com	9004561387	FRCRCE
11	YASH JIVRAJANI	yashjivrajani7799@gmail.com	706675121	FRCRCE
12	KARAN MAMANIYA	kmamaniya@gmail.com	9769591622	FRCRCE
13	AMOS G. MORAES	moraes.amos@gmail.com	9167254864	FRCRCE
14	ROHIT DALVI	dalvirohit97@gmail.com	8652335251	FRCRCE
15	ADITYA JADHAV	adijj332@gmail.com	9967448463	FRCRCE
16	AAYUSH RAVICHANDRAN	aayush2298@gmail.com	8879302551	FRCRCE
17	NISHANK PEDNEKAR	npnishankpednekar@gmail.com	7715988078	FRCRCE
18	KAUSTUBH MHATRE	krexianclass@gmail.com	9833708658	FRCRCE
19	MEET GALA	meetgala11111@gmail.com	8879846872	FRCRCE
20	DAKSHATA VAZE	dakshatavaze96@gmail.com	7276590233	FRCRCE
21	RUBINA PARVEEN	rubina15parveen@gmail.com	8879098547	FRCRCE
22	MARC MATHEW	marc.mathew19@gmail.com	9619988816	FRCRCE
23	SWEDEL D'SOUZA	swedel.dsouza1996@gmail.com	9820326406	FRCRCE
24	RACHEL JOSEPH	rjrachel18@gmail.com	9096349365	FRCRCE
25	JOSEPH PATOLE	josephpatole23@gmail.com	9892751059	FRCRCE
26	ANIKET MASALKHAMB	aniketmasalkhamb116@gmail.com		FRCRCE
27	SHIVANI ANEKAR	shivanianekar13@gmail.com	8856068314	FRCRCE
28	SAMUEL ALMEIDA			FRCRCE
29	EMIL PETER			FRCRCE
30	PRATIK SHETTY			FRCRCE
31	AURELIA MENEZES			FRCRCE
32	PRATIMA DAS			FRCRCE
33	ADITI ADHAV			FRCRCE
34	MUGDHA BHAT			FRCRCE
35	YOGESH NARAYAN CHANDURKAR	FRIT		FRIT
36	SUSHMA NAGDEOTE	SPONSERED		FRCRCE

ANNEXURE II

BUDGET

*BALANCE SHEET*
Sr.No.	Item	Expenses(Rs)	Income(Rs)
1	Food	11987	
2	Breakfast	500	
3	Tea	1440	
4	Biscuits	250	
5	Certificates	477	
6	Kit	1800	
7	Honorarium	3000	
	Total(A)	19454	
	Income		
1	Faculty registration		2000
2	Student Registration		20400
	Total(B)		22400
	Balance(A-B)	2946	

ANNEXURE III

Workshop Photographs
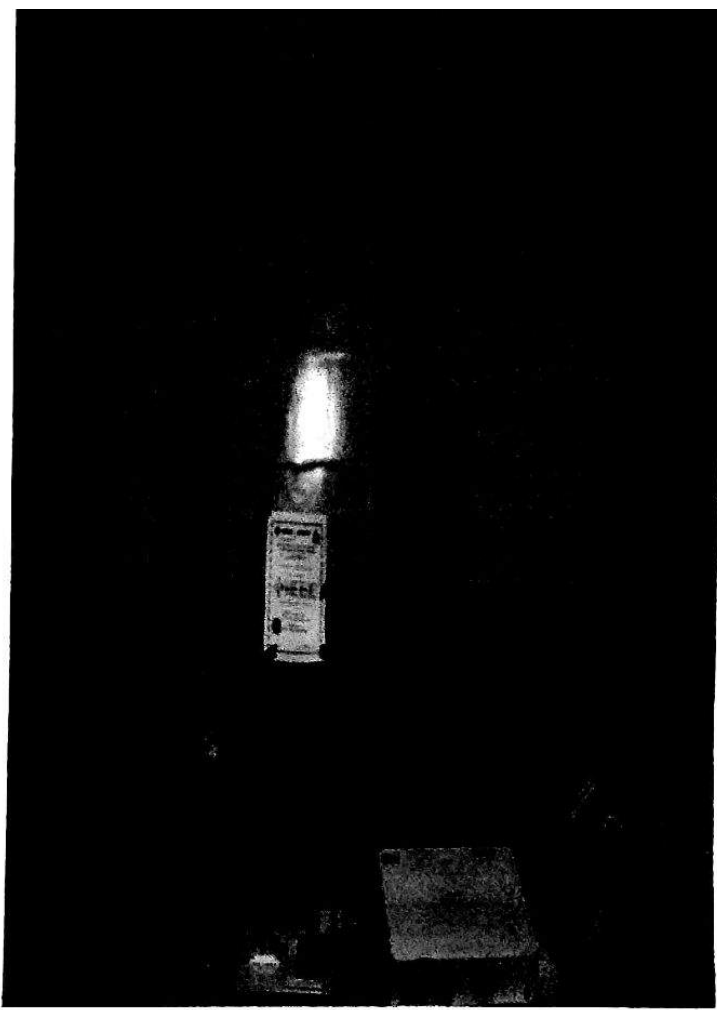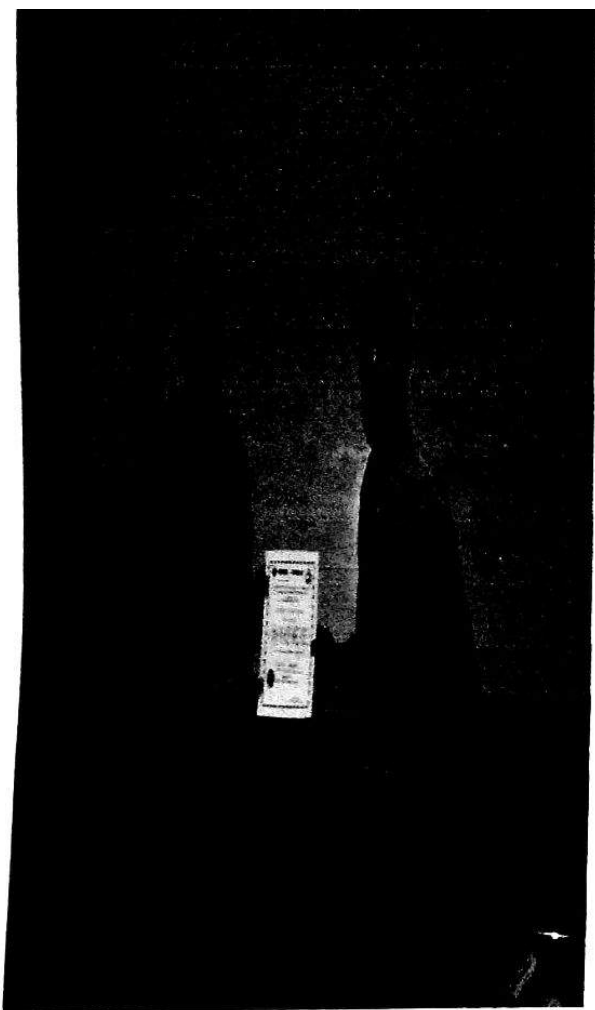
As the event came to an end, the attendees were given a certificate of participation by the council.

Aleena Treesa Joy

Event Coordinator (IEEE-WIE)

Confirmation Letter for Python and Ethical Hacking Workshop

To

Date: 14 July 2016

The Manager

Sub: Confirmation Letter for organizing Python and Ethical Hacking Workshop at our college campus!

Dear Sir/Mam,

This is to bring under your kind Notice that Fr. Conceicao Rodrigues College of Engineering confirms **Python and Ethical Hacking Workshop** on July/ August at our college. We will provide you the infrastructure support as per the proposal received by you. We will make the payment collected from the participants on the first day of the workshop without paying or deducting any tax. Tax payment or deduction is subject to prior approval.

We are appointing our two Student coordinator to coordinate entire event at our campus. Name and Contact Numbers of the coordinator are given below:

Shem : 8898606556

Sanil : 7507847096

Yours truly,

Branch Counsellor
IEEE

Shem Pereira
VCP

Ethical Hacking Registration (30 – 31 July 2016)

NAME	CLASS	PHONE	EMAIL	SIGN
Vinayak kini	te comps	9769692910	vinaya-kkini101@gmail.com	
Shweta wahane	IT se elex	7303393886	shwetawahane97@gmail.com	
annabelle	te comps	9757057010	annabelledsouza01@gmail.com	
felcia	te comps	8655335986	felciathomas@gmail.com	
priscilla	tecomps			
Kaumudi Kulkarni	se comps	9867072008	Laumudi5897@gmail.con	
Shweta Kadam	se comps	9172522532	shwetarkadam@gmail.com	
Tanya Jacob	se comps	9969200716	tanya.0497@gmail.com	
Adrian gonsalves	se comps	9637809246	adriangonsalves2197@gmail.com	
Blair fernandes	se comps	7768933366	blair.f123@gmail.com	
Ashley tuscano	se comps	9029538006	ashleytuscan@gmail.com	
Jason dsouza	se comps	9819571332	jasondsouza10897@gmail.com	
Natasha koli	se comps	9049186989	natasha.koli97@gmail.com	
Rohan naik	se it	9869232304	rohannaik1998@gmail.com	
Amos Moraes	te elex	9167254864	Moraes.amos@gmail.com	
Swedel D'souza	3 year	9820326406	swedel-dsouza96@gmail.com	
Ujjwal Raut	se it	9967043869		
Nupura Hajare	te it	9820788748	nupurahajare10@gmail.com	
atharva raut	se it	9619087550	raut.atharva1997@gmail.com	
Jinal gada	se	9820680775	jinalgada88@gmail.com	
pooja	se elex	9969773450	poojavicharehh@gmail.com	
kaynath	se it	8976515290	kaynatshaikh12@gmail.com	
Akhil Shetty	Se comps	9920320499	meshetty24@gmail.com	
Akshay Shete	VJTI	8600528512	akshayshete05@gmail.com	
Harsh Kulkarni	VJTI	8767032917	harsh6020206@gmail.com	
OM JADHAV	VJTI	8875351604	jadhav010@gmail.com	

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050.
Phone: 022-26423841/42, Fax: 022-26516831
Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

IEEE CRCE
Branch Code: STB60351

CRCE
SBA 60351

NAME: Harsh Kulkarni

CLASS: Sy. Comps

		LOW				HIGH
1.	HOW USEFUL WAS THIS WORKSHOP TO YOU?	1	2	3	4	(5)
2.	HOW WOULD YOU RATE THE TEACHING?	1	2	3	4	(5)
3.	HOW WOULD YOU RATE THE WORKSHOP?	1	2	3	4	(5)
4.	DID THE TRAINER CREATE AN INTERACTIVE ATMOSPHERE FOR THE STUDENTS ?	1	2	3	4	(5)

5. COMMENTS AND SUGGESTIONS(IF ANY):

Nothing

IEEE - CRCE

TM

Networking the World

The Institute of Electrical and Electronics Engineering
Fr. Conceicao Rodrigues College Of Engineering

**Fr. Agnel Ashram,
Bandra (West), Mumbai - 400 050.**

Certificate of Participation

This is to certify that

Ms. Blair Fernandes

has participated the ~~Seminar~~ /Workshop on

ETHICAL HACKING

**Organized by :
IEEE - CRCE Students Branch**

Counselor
IEEE - CRCE Students Branch

LaTeX Seminar

22nd August,2016|| Fr. CRCE,Bandra

IEEE-WIE CRCE

A seminar on the use of LaTeX was organized by IEEE-WIE CRCE .This seminar was conducted on 22nd August by Mr.Vaibhav Godbole and Mr.Saurabh Kulkarni.During the seminar the students were given an insight about LaTeX and the benefits of LaTeX over other documentation softwares.
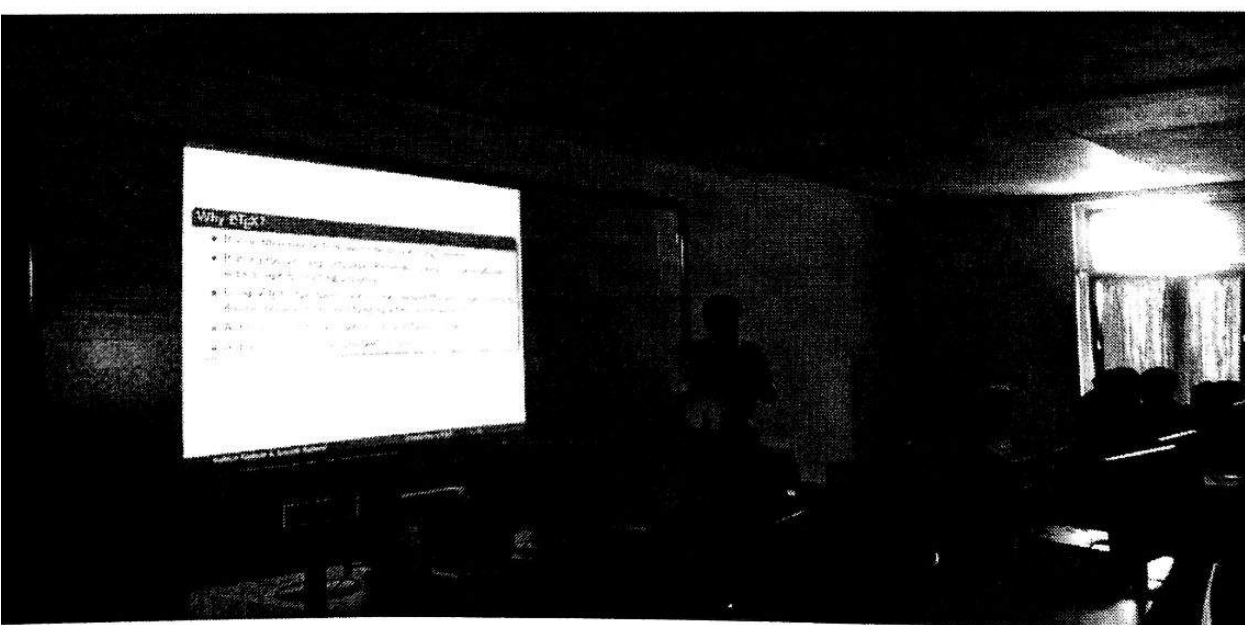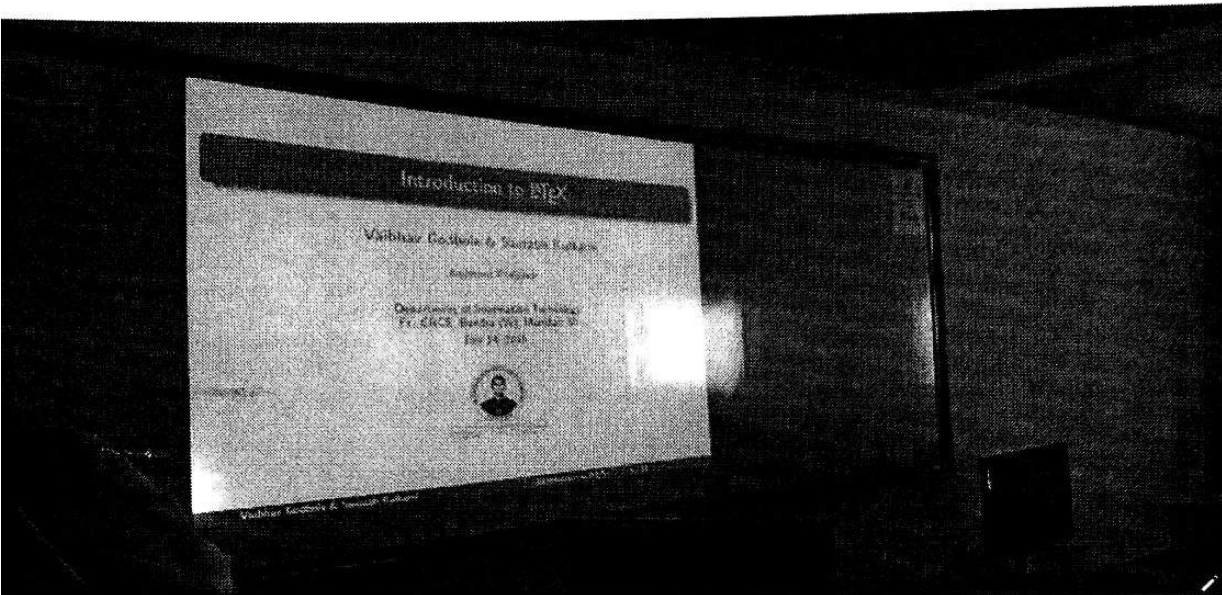
The seminar started with the introduction of Latexand how it can be used as a standalone document preparation system or as an intermediate format.Mr.Godbole also explained how LaTeX can be used as a part of pipelining for translating

Fr. Conceicao Rodrigues College of Engineering
Department of Information Technology
List of BE Projects and Guides

Group No	Title of the project	Roll Number	Guide	Signature
1	Learning model for recommendation systems (Ashton and group)	7124, 7125, 7141	Saurabh K	*(signed)* 7141
2	Honeywords- Making password cracking detectable	7129, 7145	Saurabh K	*(signed)* 7129
3	Sentiment analysis of product based reviews using opinion mining on web	Kimberly and group	Sarika D.	*(signed)* 7130
4	Text mining scientific data to extract relevant documents and summarize them	7167, 7218, 7115	Sarika D	*(signed)* 7115
5	Money Laundering Detection system	7117, 7119, 7118	Sarika D.	*(signed)* 7117 *(signed)* 7118
6	Handwriting reorganization using neural network	7150, 7166	Jagruti Save	*(signed)* 7166
7	Image Morphing-Visible & Invisible Watermarking	6863, 6906, 6916	Jagruti Save	*(signed)* 6916
8	A Distributed key-value store 7116 7143 7112	Fronald and group	Prachi P.	*(signed)* 7110
9	Colorization of grayscale images and automatic categorization of converted images	7220, 7221, 7227	Prachi P.	*(signed)* 7227
10	Random forest approach for authorship profiling	7164, 7171, 7128	Anusha J	*(signed)* 7171
11	Recommendation system for restaurants using SVM	7155, 7157, 7160	Anusha J	*(signed)* 7160
12	Sentiment analysis for vernacular languages (marathi)	7163, 7154	Sujata D.	*(signed)* 7163
13	A Decision Tree Approach for Authorship Profiling	7137, 7122, 7113	Sujata D.	*(signed)* 7122
14	Developing game in R	7152, 7151, 7165	Jay B.	*(signed)* 7152
15	virtual reality based user authentication system	Kapil and group	Jay B.	*(signed)* 7138

Fr. Conceicao Rodrigues College of Engineering
Department of Information Technology
List of BE Projects and Guides

16	Object tracking and Positioning system using Wifi	7147, 7222, 7156, 6853	Jay B.	
17	Home Automation System using AI	7121, 7127, 7131	Garima T.	*Mewbd* 7121
18	Driver drowsiness detection system using image processing	6588, 6476	Garima T.	*Kak* 6476
19	Image security using AES and RNS	7134, 7148, 7161	Prajakta B.	7161
20	A new bio inspired computing DNA based algorithm for symmetric encryption	7132, 7140, 7162	Vaibhav G.	*Jorsere*
21	HR system for candidate ranking	6809, 7110, 7226	Vaibhav G.	7226
22	Key stroke dynamics of android platform	7126, 7133, 7146	Prajakta D.	7133
23	Business monitoring system using ERP	6820, 7153, 7169	Prajakta D.	
24		Rachit and group	Sangeeta P.	6520
25	fingerprint voting system / Three level password authentication system	Sagar and group	Prajakta B. (Security)	
		Not present Sagar and group	Prajakta B.	*Sachin*
26		7223, 7224, 6909		
27		Vinod, Orvill and group		7158

FR CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Where
Skill and
Fast Action
Collide

presents

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Fr. CRCE Bandra

IEEE CRCE

presents

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CRANK UP THE CARNAGE

For Further Details

Shem: 8898606556
Gavin: 9757261884
Emil: 8452022612

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VENUE:
SCHOOL AUDITORIUM

Online Media Partner

Registration Fee
Rs. 400 per team

Fr. Conceicao Rodrigues College of Engineering

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PRIZE : Rs. 2000

Rs. 60 / Team
Room No:- 309

DEBATE

PRIZE : Rs. 8000
Rs. 300 / Team
Room No: 306 and
Seminar Hall

RoboWar

PRIZE: Rs. 8000
Rs. 400/ Team
School Auditorium

TECHATHLON

PRIZE : Rs. 2000
Rs. 60 / Team
Room No 311, 302, 317, 702

VR GAME

DIRT RALLY

PRIZE: Rs. 2000

Rs. 50
Room No 307

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
PRESENTS

CResCEndo 2k16
Fr.CRCE Bandra

WIE - CRCE
PRESENTS

Prize: Rs. 8k

Venue:.
Seminar Hall & 306

DEBATE
Registration Fees
Rs 300 per team

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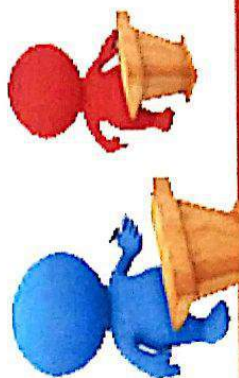
For Details Contact

GAVIN : 9757261884
SHEM : 8898606556
RIYA: 9930423256

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

presents

CResCEndo 2k16
Fr. CRCE Bandra

Prize: Rs. 2k

WIE - CRCE

presents

TECHATHLON

Room No:
311, 302,
317, 702

Registration Fee:
Rs 60 - Team of 2

Online Media
Partner

FOR DETAILS CONTACT
GAVIN: 9757261884
SHEMA: 8898606556
RIYA: 9930423256

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www.ieecrce.in

VIRTUAL REALITY GAMING (DIRT RALLY)

26th AUGUST 2016|| Fr. CRCE,

Bandra

IEEE-WIE CRCE

Fr. CRCE aims at being the centre of excellence in engineering education, moulding engineers with a state of art technologies, innovative skills and human values matching with the growing expectations of the corporate world and society, thus playing an effective role in nation building. Crescendo, the annual technical festival of our college aids the mission of our college. Crescendo means increase in intensity and so has our technical festival broadened its horizons ever since its inception. One of the events organized by IEEE-WIE CRCE in Crescendo was Virtual Reality Gaming.

Virtual Reality (VR) Gaming was held in room no 307. In VR, 'Virtual World' was made possible using GOOGLE CARDBOARDS. The game 'DIRT RALLY' was cast onto the mobile phone provided and controlled with the help of laptop. A chaise and a car stimulator was used to give add on effect. Also the entire room was blacked out for the same. The participant who finished the game in minimum time was declared as the winner. The winner walked away with a cash price of Rs 2000/-

It also had the most no of participants. The hard work of the council members had paid off. Also the help from the volunteers had made this event a successful one.

Aleena Treesa Joy

Event Coordinator

(IEEE WIE)

CRESCENDO 2K16
IEEE-WIE

EVENT: Bridge of Death

SR NO	NAME	COLLEGE	CLASS	CONTACT NO	REGISTRATION FEE	SIGNATURE
1	Aditya Kala	FR CRCE	BE ELEX	7716984347	60	
2	Karan Rao	FR CRCE	FE-COM	9167449170	60	
3	Megha	FR CRCE	BE ELEX	9867-22112	60	
4	Shreey	FR C	BE ELEX	7875337971	60	
5	Joshua		TE COM	9969 009320	60	
6	Aditya kala				60	
7	Aditya kala				60	
8	Joyrick D'Souza	FR·CRCE	TE Prod	9765 24253	60	
9	Scott D'Souza	DBIT		"	60	
10	Dream	Fr Csre	BE Comps	9158012691	60	
11	Andra	Fr Csre	Be Comps	"	60	
12	Parth Shoab Dave		SE-ELCK	8655351352	60	
13	Komal	CRCE	SE	84629 82254	60	
14	Shivani	CRCE	SE COMPS	9619368336	60	
15	Manupenda				60	

CRESCENDO 2K16

IEEE-WIE

EVENT: DEBATE

pSR NO	NAME	COLLEGE	CLASS	CONTACT NO	REGISTRATION FEE	SIGNATURE
1	Tanish	CRCE	TE PROD		paid 300	
2	Abbas	9161157226			paid 300	NANA
3	Delzad Broycelcen	9820755408			300.	
4	Shubham Eldon	RAIT			300-paid	Epeongh
5	Bryerleen					
6	Anuj	RAIT			300-paid	A.N.nehn
7	Kunj	RAIT			300-paid	Kunj
8	Edwin	9833582185			300. paid.	

CRESCENDO 2K16
IEEE-WIE

EVENT: ~~DEBATE~~ V·R

SR NO	NAME	COLLEGE	CLASS	CONTACT NO	REGISTRATION FEE	SIGNATURE
22)	Parth Dave .	CRCE	SE ELEX	8655351352	60	
23)	Riddhi Solanki	RGIT		9967107914	60	
24)	Simon Greene	CRCE	SE comp	9819111009	60	
25)	Komal Pardeshi	RGIT	Mech·	9867902686	60	(AW
26)	Deepak suny			8097515010	60	
27)	Rohan	'FRCRCE	SE PROP	9594379251	60	
28)	Aditya Desu	"	SE ELEX	9819893688	60	
29)	Atharva	"	SE PROD	9619363383	60	
30)	Robin .	"	SE IT	8097292808	60	

CRESCENDO 2K16
IEEE-WIE

EVENT: TECHATHLON

SR NO	NAME	COLLEGE	CLASS	CONTACT NO	REGISTRATION FEE	SIGNATURE
1	RENITA AUGUSTIN	CRCE	AE-COM	9967252114	60	
2	Gausi JARI	CRCE		8691054301	60	
3.	Clayton Perer	CRCE		7387426384	60	
4	Flynn	CRCE		89062147-5	60	
5	Mohit	CRCE	BE-comp			
	Dream	CRCE		9158012691	60	
6	Aditya PAHI	CRCE	FE-PROD	9320043350	60	
	Prakar Saxena	CRCE				
7	Alvey Vaz	CRCE	BE-comp	9702165655	60	
	Ronan Singh					
8	Lois			9930281272	60	
9	Ashish			8080915788	60	
10	Robin	CRCE		8097292908	60	

Page 320

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050

CERTIFICATE OF PARTICIPATION

This is to certify that

Mr. /Ms.

has participated in

organized during Tech Fest
CResCEndo 2016

Prof. Hitendra Vaishnav
Event Co-ordinator

DR. / MRS.) SRIJA UNNIKRISHNAN
PRINCIPAL

Dr. (Mrs.) Srija Unnikrishnan
Principal

IEEE-CRCE Student Branch   16th August 2016

To

The Lab-Incharge
Lab No. 307
Fr. Conceicao Rodrigues College of Engineering
Bandstand, Bandra (W)
Mumbai-400 050

SUBJECT: Permission to use the Lab (Room 307) for CRESCENDO-2016

Dear Sir,

IEEE-CRCE in collaboration with WIE-CRCE is organizing an event Virtual Reality Gaming, on 26th August 2016 as part of crescendo events for the year 2016-17.

We will thus require the room on 26th August for the whole day to conduct the event.

We will be glad if you give us permission to use the lab on the above mentioned date. We assure you that no damage will be caused to the Lab equipment during the event. However, if any damage is caused, it will be adequately compensated.

Thanking you,

Regards,

Dr. D.V. Bhoir
(H.O.D-
Electronics
Department)

Mrs. Kranti Wagle
(Branch
Counsellor,
IEEE CRCE)

OK
jitendra
16/08/16

Page 322

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050.
Phone: 022-26423941/42, Fax: 022-26516531
Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

IEEE CRCE
Branch Code: STB95551

CRCE
SB# 60551

IEEE-CRCE Student Branch

16th August 2016

To

Lab Incharge
Fr. Conceicao Rodrigues College of Engineering
Bandstand, Bandra (W)
Mumbai-400 050

SUBJECT: Permission to use the Lab (Room 309) for CRESCENDO-2016.

Dear Sir,
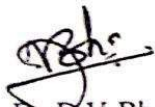
IEEE-CRCE in collaboration with WIE-CRCE is organizing an event Bridge of death , on 26th August 2016 as part of crescendo events for the year 2016-17.

We will thus require the lab on 26th August for the whole day to conduct the event.

We will be glad if you give us permission to use the lab on the above mentioned date. We assure you that no damage will be caused to the Lab equipment during the event. However, if any damage is caused, it will be adequately compensated.

Thanking you,

Regards,

Dr. D.V. Bhoir
(H.O.D-Electronics
Department)

Mrs. Kranti Wagle
(Branch Counsellor,
IEEE CRCE)

OK
Jitendra
16/08/16

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050.
Phone: 022-26423841/42, Fax: 022-26516831
Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

IEEE-CRCE Student Branch

16th August 2016

To

Fr. Conceicao Rodrigues College of Engineering
Bandstand, Bandra (W)
Mumbai-400 050

SUBJECT: Permission to use the Auditorium for CRESCENDO-2016.

Dear Ma'am,

IEEE-CRCE in collaboration with WIE-CRCE is organizing an event Robowars , on 25th and →(evening)
26th August 2016 as part of crescendo events for the year 2016-17.

We will thus require the auditorium on both the days to conduct the event.

We will be glad if you give us permission to use the auditorium on the above mentioned dates. We assure you that no damage will be caused to the auditorium during the event. However, if any damage is caused, it will be adequately compensated.

Thanking you,

Regards,

Dr. Srija
Unnikrishnan
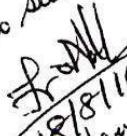
(Principal,FrCRCE)

Dr. D.V. Bhoir

(H.O.D-
Electronics
Department)

Mrs. Kranti Wagle

(Branch
Counsellor,
IEEE CRCE)

Permitted provided
silence is maintained the
during school hours. to
staff members are to see to
this discipline.   18/8/16
                                Manager

OK
Hitendra
16/08/16

Prof. Hitendra Vaishnav
CRESENDO Co-ordinate

from 8:30 Am to 6 pm

Technologies and Career Opportunities in VLSI

Fr CRCE, Bandra

IEEE-CRCE organized a seminar on Technologies and Career Opportunities in VLSI on the 26th of September, 2016 under the leadership of Dr. B Satyanarayana, from the Tata Institute ofFundamental Research, Mumbai which was held from11:00 amto 1:00pm. Students from the Second, Third and Fourth year of Electronics Engineering and a few faculty members of the Electronics Engineering department attended the seminar.

The attendees were given a brief understanding aboutbasics of digital communication and building blocks of the circuits.The next few minutes dealt with a brief introduction to the VLSI domain along with an insight of the core technologies used in the domain. The different aspects of a VLSI engineer was discussed which included the different job profiles in VLSI such as Testing, Development, Verification, Design etc. The opportunities in the domain was discussed in plenty with Dr. Satyanarayana sharing the details of various companies that offered roles for a VLSI engineer.

The seminar ended with an interactive session post which Dr. B Satyanarayana was presented with a token of appreciation.

Shraddha Indulkar

(Secretary, IEEE-CRCE)

IEEE-CRCE Student Branch

To

Dr. B Satyanarayana

Tata Institute of Fundamental Research,

Mumbai

SUBJECT: LETTER OF APPRECIATION.

Dear Sir,

On behalf of IEEE-CRCE Students' Branch and all the Faculty members, we would like to express our heartfelt gratitude for taking out time from your busy schedule to conduct a seminar on Technologies and Career Opportunities in VLSI , held on 26th September 2016.

The seminar has accomplished its objective. From the feedback that we received, the seminar was a grand success and this would not have been possible without your diligence. We sincerely appreciate the efforts that you have taken and also for sharing your time, talent and expertise with us and the students.

We hope to continue receiving your guidance and support in our future endeavors.

Thanking You,

Yours sincerely,

Dr. D.V. Bhoir
(H.O.D-Electronics Department)

Mrs. Kranti Wagle
(Branch Counsellor, IEEE CRCE)

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)
Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai - 400050
Phone 022-26423841-42, Fax 022-26516811
Website: www.ieee.org/sb-crce, Email: ieee.crce@gmail.com

IEEE-CRCE Student Branch

20 September 2016

To

Dr. B. Satyanarayana

Tata Institute of Fundamental Research,

Mumbai.

SUB: - Invitation to give seminar on Technologies and Career Opportunities in VLSI on 26th September 2016

Dear Sir,

IEEE-CRCE is organizing a seminar on 26th September 2016, as part of the academic events for the year 2016-17.
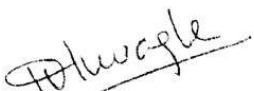
The seminar will be held in Samwaad hall from 11:00am - 1:00pm. Our College is one of the most active student chapters of the Bombay section. This event will provide the students an opportunity to understand the importance and growth in the VLSI domain if chosen as a career path.

For any additional details contact us at We hope to hear from you soon.

Thanking you,

Regards,

Dr. D.V. Bhoir
(H.O.D-Electronics
Department)

Mrs. Kranti Wagle
(Branch Counsellor, IEEE
CRCE)

Mr. Rakesh Balasubramaniam
(Chairperson, IEEE CRCE)

Fr. Conceicao Rodrigues College of Engineering

VCSJ

Attendance Register

Academic Term July 2016 to November 2016

E. - Semester VII

Electronics Engineering

Roll.	Name of the Student																	
6339	Bighot Anand Shivsingh																	
6344	Dudhal Santosh Lingappa																	
6387	Thakare Jayen Bhadalya																	
6674	Bhoir Tejas Sugan																	
6691	Kikani Darshan Yogesh																	
6692	Kokare Vaibhav Vasant																	
6694	Kuchekar Hrishikesh C.																	
6713	Sardal Chaitanya Sunil																	
6724	Thite Aditya Santosh																	
6982	Arpit Sam Oommen																	
6983	/ Baptist Tanya Naresh																	
6985	Chandel Mayank Mahendrakumar																	
6986	Chelimela Vishal Mahendra																	
6987	Dalvi Omkar Vijay																	
6988	/ Damushte Rasika Rajendra																	
6991	Dsouza Savio Simon																	
6994	/ Fernandes Pearl Christine																	
6996	Gandhi Karan Samir																	
6997	Gangolli Aakash Anil																	
6998	/ Gokhe Megha Vijay																	
6999	Gupta Jitesh Amardeep																	
7000	Gupta Santosh Kumar Lalchand																	
7001	/ Indulkar Shraddha Bhivaji																	
7002	Jadhav Manish Mohan																	
7003	Jha Omprakash Manojkumar																	
7004	Joel Samson Prince																	
7005	Kale Aditya Nandkumar																	
7006	Karuvath Rajeev Ravindran																	
7007	/ Khan Rukhsar Afzal																	
7008	/ Khot Rucha Umesh																	

Fr. Conceicao Rodrigues College of Engineering

VLSI

endance Register

Academic Term July 2016 to November 2016

. - Semester V

Electronics Engineering

Roll.	Name of the Student	26.9											
5735	Chahande Sumeet Laxman												
6003	Gadkari Vinayak Suresh												
6883	/ Menezes Aurelia Gail												
6981	Alhat Johnson Saloman												
6990	Dhruve Prakshat Sunil												
6993	Dsouza Wayne Malcolm												
7026	Saxena Siddharth Prashant												
7027	Sen Shivam Pradip												
7040	/ Ved Gunjan Dinesh												
7042	Virkar Bapurao Devkumar												
7173	Shabbir Ahmed												
7293	Aayush Ravichandran												
7294	/ Adhav Aditi Dilip												
7295	/ Aleena Treesa Joy												
7296	Almeida Samuel William												
7297	/ Bhat Mugdha Anil												
7298	Bhavsar Niranjan Rajendra												
7299	Braganza Peter Ralph												
7300	Brarath Nihal Saseendrababu												
7301	/ Chettiar Maria Roseline Lawrence												
7302	Collaco Oren Rodney												
7303	/ Das Pratima Gour												
7304	Dcruz Dylan Anthony Rodney												
7305	/ Dsouza Swedel Jennifer Stany												
7306	Gala Meet Sunil												
7307	Ghadigaonkar Mahendra Mangesh												
7309	Guruji Aditya Kishore												
7311	Jhaveri Sanil Paras												
7312	Jivrajani Yash Bharatkumar												
7313	Joel Mihavel												

Fr. Conceicao Rodrigues College of Engineering

VLSI

Attendance Register

Academic Term July 2016 to November 2016

S.E. - Semester III

Electronics Engineering

Sr.	Roll.	Name of the Student													
1	7553	Anand Ashutosh Arun Pratap													
2	7554	Anthony Aaron Rajesh													
3	7555	Arem Marshall Solomon													
4	7556	/ Aruna Anantharaj													
5	7557	Baichwal Rohan Milind													
6	7558	Bandhekar Trish Vilas													
7	7559	Bhaldar Ayman Asim													
8	7560	/ Bhatnagar Ayushi													
9	7562	/ Bhosle Sakshi Sadanand													
10	7563	Chaudhari Rohan Dhananjay													
11	7564	Chennattu Sebastian Baby													
12	7565	Chirag Alexander													
13	7566	Dalvi Mahadev Ganpat													
14	7567	Dave Parth Dinesh													
15	7568	Desu Aditya													
16	7569	Dmello Dwayne Troy													
17	7570	Dsouza Austin Albert													
18	7571	Dsouza Jaison Samson													
19	7572	Dsouza Joel Michael													
20	7573	Embrandiri Ananth Satish													
21	7574	Fernandes Shaun Agnelo													
22	7575	Isaac David Rajdeep													
23	7576	/ Jack Selima Robert													
24	7577	/ Jain Pranjal Nirmal													
25	7579	Kelkar Aditya Vijay													
26	7580	Keshri Amrit													
27	7581	Khedkar Omkar Ajit													
28	7582	Kothari Gaurav Satish													
29	7583	/ Limkar Swapnaja Manoj													
30	7584	Lopes Jerryman Michael													

40

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050.
Phone: 022-26423841/42, Fax: 022-26516831
Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

IEEE CRCE
Branch Code: STB60351

CRCE

NAME: Dylan D'Cruz

CLASS: TE Electronics

		LOW				HIGH
1.	HOW USEFUL WAS THIS WORKSHOP TO YOU?	1	2	3	4 ✓	5
2.	HOW WOULD YOU RATE THE TEACHING?	1	2	3	4 ✓	5
3.	HOW WOULD YOU RATE THE WORKSHOP?	1	2	3 ✓	4	5
4.	DID THE TRAINER CREATE AN INTERACTIVE ATMOSPHERE FOR THE STUDENTS ?	1	2	3	4	5 ✓

5. COMMENTS AND SUGGESTIONS(IF ANY):

FR. CONCEICAO RODRIGUES
COLLEGE OF ENGINEERING
Bandstand, Bandra(w). Mumbai 400 050

IEEE CRCE
PRESENTS

TECHNOMANIA
MARCH 17 & 18 2017

SCHEDULE :
(DAY 1- 17th March)

Event	Starts at	Ends at	Room no
Inauguration Ceremony	9 : 30am	10:15am	Samvad (9th floor)
Debate	10:30am	1pm	801, 802, 803, 804
Project Exhibition	11 : 30	1:30	303, 308, 309
Lunch Break	1pm	1:30pm	
Project (contd)	1:30pm	5pm	303, 308, 309
Debate(contd)	1:30pm	4pm	Seminar hall (5th floor)

SCHEDULE :
(DAY 2- 18th March)

Event	Starts at	Ends at	Room no
Technical Paper presentation (Comps)	9:30am	1:30pm	801
Technical Paper presentation (Elex)	9:30am	1:30pm	802
Valedictory Function	2:30pm	3:30pm	Seminar hall (5th floor)

TECHNOMANIA 2017

IEEE-WIE CRCE

PRESENTS

TECHNOMANIA 2K17

A NATIONAL LEVEL TECHNICAL PAPER PRESENTATION, PROJECT
PRESENTATION AND DEBATE COMPETITION
MARCH 17 AND 18 2017

FR. CONCEICAO RODRIGUES
COLLEGE OF ENGINEERING

Bandstand, Bandra(w), Mumbai 400 050

IEEE CRCE

PRESENTS

TECHNOMANIA

MARCH 17 & 18 2017

Executive Summary

The IEEE - WIE student branch of Fr Conceicao Rodrigues College of Engineering organized TECHNOMANIA which is a annual national level Technical Paper Presentation and Technical Project Competition . It was a 2-day event. This year we introduced a new event – 'Technical Debate' which received a huge success. The chief guest for Technomania was Mr. Anthony Lobo (IEEE Bombay Section Chair). The Technical Debate and the Technical Project Presentation was on the first day, while the Technical Paper Presentation was on the second day. The dignitaries for the day were Mr. Anthony Lobo(IEEE Bombay Section Chair), Dr. SrijaUnnikrishnan(Principal FRCRCE), Prof. B.R Prabhu(Founder IEEE-CRCE) and Fr. Valerian Dsouza(Director Fr Agnels). All of the dignitaries then shared their knowledge with the audience.

17th – 18th March 2017

Technomania started off with the inauguration ceremony at 9:30am followed by a presentation where we showcased all of the events conducted by the IEEE student branch for the academic year 2016-17.
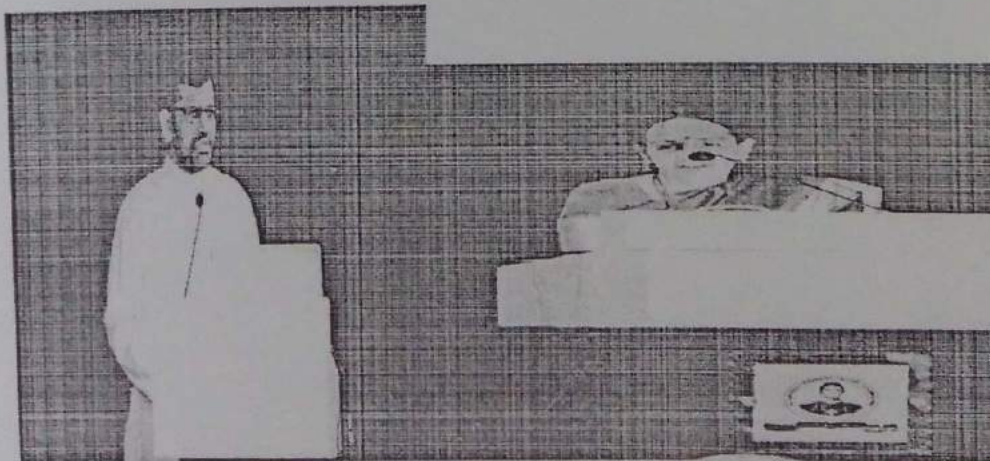
17th – 18th March 2017
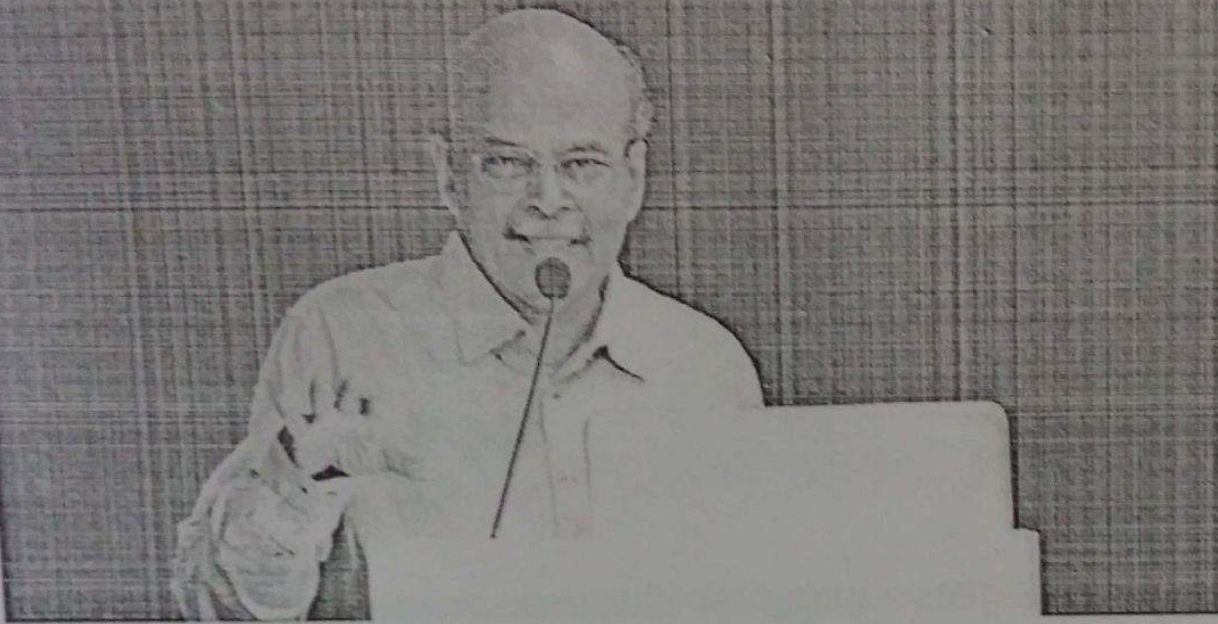
After that, we unveiled our annual technical magazine Technobuzz
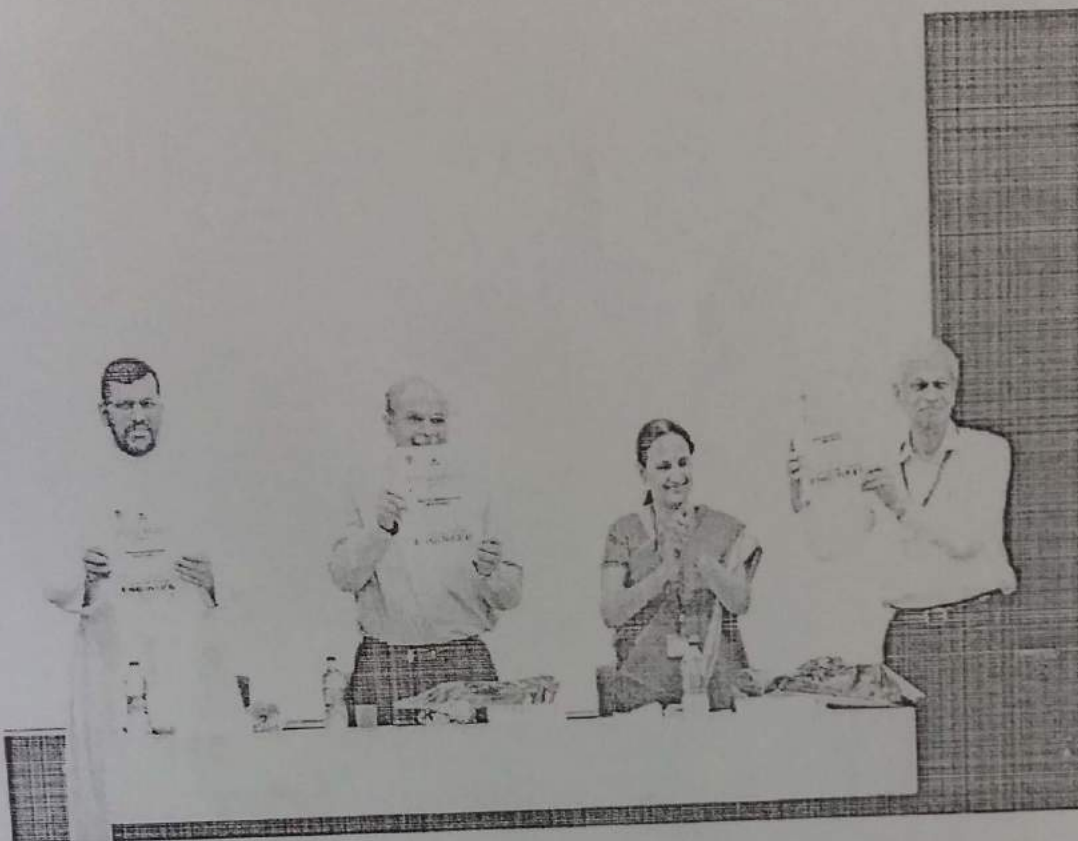
Towards the end, we facilitated our ROBOCON team with a token of appreciation for achieving the highest rank since its inception.
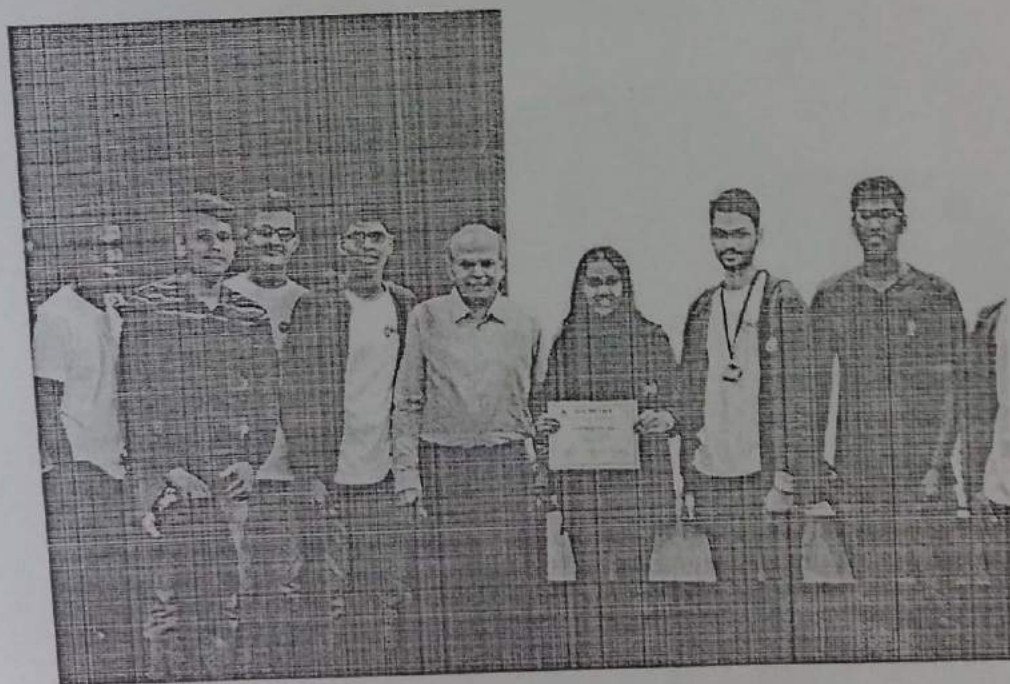
17th – 18th March 2017

Technical Project Presentation

We had around 25 teams from across Mumbai for the Project presentation. The enthusiasm of the participants was phenomenal during the presentations. All of the effort put in by the teams was put forth before the judges.Technomania also received participation from outside Mumbai
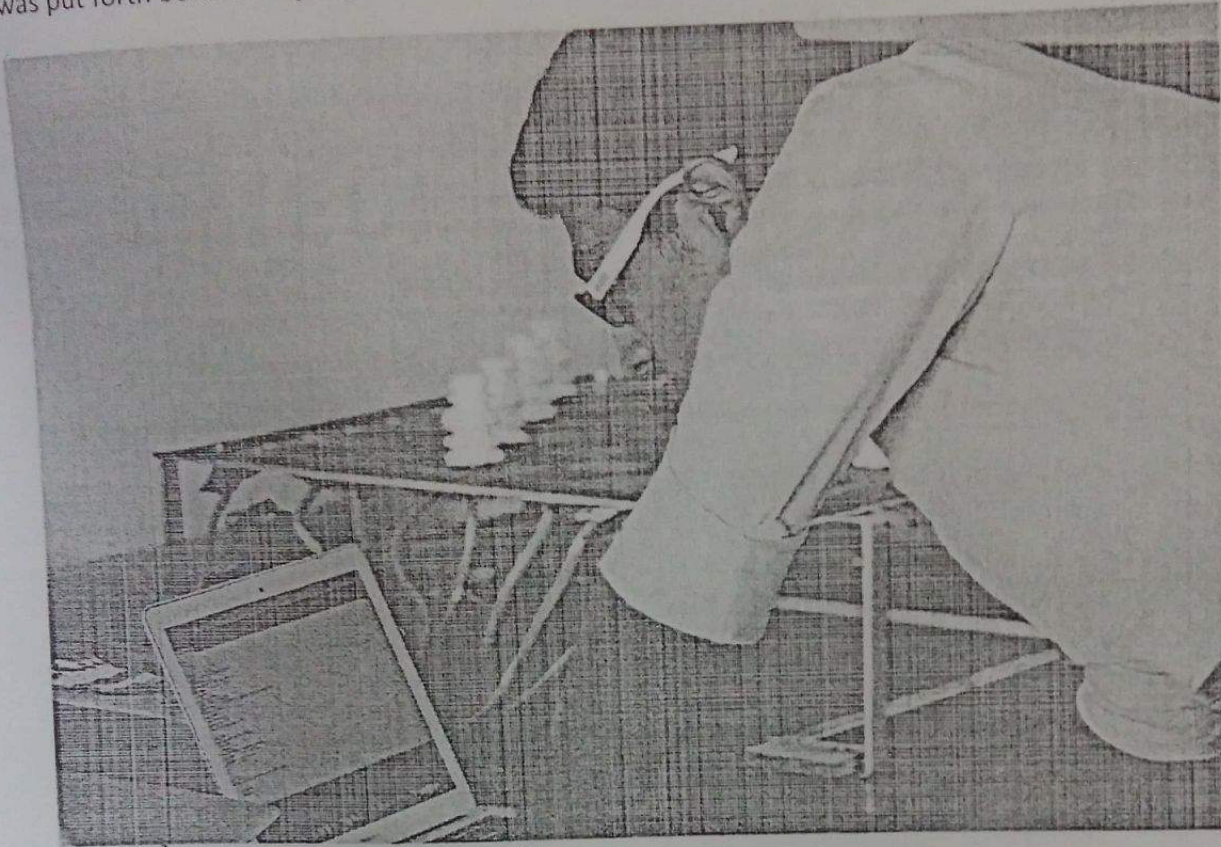
Gaurad
Mrs. Garima Tripathi
(Branch Counsellor, WIE-CRCE)

Aleena Treesa Joy
(Event Co-ordinator,
IEEE-CRCE)

17th – 18th March 2017

Fr. AGNEL ISTE CHAPTER

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandra (West), Mumbai - 400050

(Estd.1998)
Tel. No.: (022) 26423841/42 Fax: (022) 26516831
Website: www.frcrce.ac.in   email: fragiste@frcrce.ac.in

Ref: CRCE / ISTE / 2017

Date: May 29, 2017.

To,
The Director,
Program Co-ordinator
Indian Society for Technical Education
Saheed Jeet Singh Marg,
New Delhi-110016.

Subject : Submission of final report of STTP 'Life Balance: To overcome stress through Yogic Techniques' from 24th April 2017 to 28th April 2017.

Respected Sir,

At the outset, I would like to thank you on behalf of all the organizers and participants for approving our STTP organized by Humanities and Science Department. As per your requirement, I am enclosing the following details for your kind reference and acceptance:

1) Brochure of STTP.
2) List of participants
3) Sample Copy of Course notes (CD)
4) Photograph of STTP Session
5) Copy of the certificate issued
6) Final report
7) Processing and operational charges Rs. 1,950 (Rs. 150 x 13) in the form of D.D. (Number 330119, dated 18-05-2017 in favour of ISTE, New Delhi)

Thanking you,

Yours faithfully,

Mrs. Sundary S. Prabavathy
STTP CORDINATOR

Dr. (Mrs.) Srija Unnikrishnan
PRINCIPAL
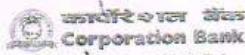
Corporation Bank
MUMBAI-BANDRA [120]

19852/120 /914

(ISSUING BRANCH)

INDIAN SOCIETY FOR TECHNICAL EDUCATION*****

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MT/05/2016

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Authorised Signatory (Sig No.)
Please sign above

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"330119" 000017000: 052016" 16

Page 341

FR. AGNEL ISTE CHAPTER, FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Fr. Agnel Ashram, Bandra (West), Mumbai - 400 050

Statement showing Income & Expenditure of ISTE/STTP organised by Dept of Humanities & Sciences during 24/04/2017 to 28/04/2017 on "Life Balance : To overcome Stress through Yogic Techniques"

RECEIPTS	Amount (Rs)		PAYMENT	Amount (Rs)
Op Bank Balance		98,286.15	Honorarium to the speakers	20,000.00
Registration Fees			Food Exp	10,250.00
13 ISTE Members @ Rs. 3000/- each	39000		Conveyance / Other exp	4,136.00
2 Non - ISTE Member @ Rs. 3000/-	6000	45,000.00	ISTE Processing fees	1,950.00
Intrest on Saving Bank A/c		1,005.00	ISTE Registration fees	1,500.00
			Cl. Bank Balance	106,455.15
TOTAL		144,291.15	TOTAL	144,291.15

Kalpana Deorukhkar
Secretary

S.Sundary Prabavathy
17/05/2017
Programme Officer

Dr. Srija Unnikrishnan
PRINCIPAL
FR. CONCEICAO RODRIGUES
COLLEGE OF ENGINEERING
FR. AGNEL PAM,
BANDRA, MUMBAI-400 050

CHECKED BY
INTERNAL AUDIT
SIG :

From

The Coordinators,

Department of Humanities and Sciences

Fr. Conceicao Rodrigues College of Engineering

Bandstand, Bandra

Mumbai-400050

Date: 28 April, 2017

To

The Principal,

Fr. Conceicao Rodrigues College of Engineering

Bandstand, Bandra

Mumbai-400050

Subject:

Report on ISTE approved Short Term Training Course (STTP) entitled **"Life Balance: To Overcome Stress through Yogic Techniques"** organized by the Department of Humanities and Sciences, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai.

Terms of Reference:

As directed by you to submit a report on the two week STTP organized by the Department of Humanities and Sciences, Fr. Conceicao Rodrigues College of Engineering, Bandra from 24 April 2017 to 28 April 2017, I am hereby presenting a detailed report about the program.

A total number of 15 participants from various colleges across Mumbai participated in this program. The program was spread out in different sessions throughout the week, which covered topics related to Work-Life Balance, to minimize Health-Problems and finally to attain Healthy Life-Style through Yoga.

Day 1: April 24, 2017
Inauguration Ceremony:

The inauguration ceremony took place in the presence of the following members:

Fr. Valerian D'souza (The Director, Fr. Agnel Complex), Dr. Srija Unnikrishnan (Principal, Fr. CRCE) and Mrs. Sundary Prabavarthy (HOD), Department of Humanities and Sciences, Fr. CRCE).

The program started with the blessings of the God, by lighting of the lamp followed by the prayer 'Ya devi sarvbhooteshu ...." sung by Prof. Dr. Khushbu Trehan.

Fr. Valerian blessed the occasion and Dr. Srija Unnikrishnan delivered the welcome speech.

The activities conducted on Day-1 are as follows.

Session 1:
Guest speaker for the session was Mr. Deepak Bagadia, Assistant Professor, Somaiya College, Mumbai and Bhawana Bagadia Madam. They spoke on health and yoga awareness issues, where he explained the importance of yoga in this fast-paced life. He also emphasized on the importance of meditation on human beings.

Session 2:
Guest speaker for the session was Mr. Deepak Bagadia, Assistant Professor, Somaiya College, Mumbai and Bhawana Bagadia Madam. They demonstrated the floor exercises to the audience and practiced preparative Asanas, Pranayam and other Relaxation techniques.

Session 3:
Guest speaker for the session was Mr. Deepak Bagadia, Assistant Professor, Somaiya College, Mumbai and Bhawana Bagadia Madam. They delivered a talk on understanding Body, Breath and Mind.

Session 4:

Guest speaker for the session was Dr. Chirag Bagadia. He elaborated on the importance of Stretching exercises for a healthy body and demonstrated the same. The participants have performed and experienced the synchronization among Body, Breath and Mind trough various activities.

Day 2: April 25, 2017

Session 1:

Guest speaker for the session was Dr. Nutan. She conducted a special talk on Endocrinal system in detail. Furthermore, she has also explained the coordination of Endocrinal system with other systems of the body.

Session 2:

Guest speaker for the session was Mr. Deepak Bagadia, Assistant Professor, Somaiya College, Mumbai and Bhawana Bagadia Madam. They explained to audience the importance of various Yogic exercises, Asana, Pranayama Kriya and Surya Namaskar. They illustrated how each of these is performed and its importance for human well being.

Session 3:

Guest speaker for the session was Mr. Deepak Bagadia, Assistant Professor, Somaiya College, Mumbai and Bhawana Bagadia Madam. They explained different Body systems and the disorders related to them. They emphasized the importance of a healthy diet and demonstrated Astangayoga.

Session 4:

Guest speaker for the session was Mr. Deepak Bagadia, Assistant Professor, Somaiya College, Mumbai and Bhawana Bagadia Madam. They illustrated the Meditation Asanas and Pranayam techniques to the audience. The session also included Mudra-Bandha practice. At the end, the speakers conducted the revision of all the yoga techniques that had been conducted for two days.

Day 3: April 26, 2017

Session 1:

Guest speaker for the session was Mr. Deepak Bagadia, Assistant Professor, Somaiya College, Mumbai and Bhawana Bagadia Madam. They explained to the audience about Yoga and its significance in the Hormonal balance of the human body. They suggested various modifications needed to keep the human body fit and relaxed.

Session 2:

Guest speaker for the session was Mr. Deepak Bagadia, Assistant Professor, Somaiya College, Mumbai and Bhawana Bagadia Madam. They illustrated the Meditation Asanas and Pranayam techniques to the audience. The session also included Mudra-Bandha practice. At the end, the speakers conducted the revision of all the yoga techniques that had been conducted for two days.

Session 3:

Guest speaker for the session was Mr. Deepak Bagadia, Assistant Professor, Somaiya College, Mumbai and Bhawana Bagadia Madam who spoke about Relaxation Meditation and its importance in our routine lives.

Session 4:

Guest speaker for the session was Mr. Sandeep Solanki. He enthusiastically explained and demonstrated several Chair Yoga (Off the mat Yoga) techniques for the office people and the teachers.

Day 4: April 27, 2017

Outdoor Activity to The Golden Pagoda, Gorai, Mumbai

On this day an industrial visit to Outdoor Activity to The Golden Pagoda, Gorai, Mumbai was arranged where practical meditation techniques was presented to the participants by their trainers.

Participants visited various parts of The Golden Pagoda throughout the day and found the whole visit very informative and enjoyable.

Day 5: April 28, 2017

Guest speaker for the session was Mr. Deepak Bagadia, Assistant Professor, Somaiya College, Mumbai and Bhawana Bagadia Madam. The speakers gave the Summary of Practices "Take Home" Yoga and a final talk on Stress Management.

The final session included important tips & Feedback followed by a question-answer session.

Valedictory Session:

The two week STTP course culminated with a short valedictory program in our last session. The dignitary for the function was Mrs. Sundary Prabavarthy, Head of the department, Humanities and Sciences, Fr. CRCE.

The function began with a prayer by Dr. Khushbu Trehan and the blessings of god. HOD, Mrs. Sundary Prabavarthy presented a brief report of this two weeks STTP entitled **"Life Balance: To Overcome Stress through Yogic Techniques"**.

The participants were felicitated by handing over the certificates. The honor was done by HOD, Mrs. Sundary Prabavarthy who gave the valedictory speech.

Coordinator   Convener

One week ISTE approved Short Term Training Programme

on
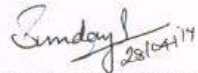
"Life Balance: To Overcome Stress through Yogic Techniques

The Following participants have participated in the full day outdoor activity as a part of the STTP at **The Golden Pagoda**, Gorai on 27 April, 2017.

Sr. No.	Participant Name
1	Sundary S. Prabavarthy
2	Meghana Naik
3	Usha Bag
4	Saumya Philip
5	Dr. Suma Sreedhar
6	Dr. Rashmi Rani
7	Dr. Vaishali K. Ghadyalji
8	Dr. Pushpendra
9	Gopal H. Nanda
10	Sanjay Patil
11	Garima Tripathi
12	Dr. Sunil Yadav
13	Dr. Joseph Rodrigues
14	Jitendra Sawant
15	Merly Thomas
16	Pradeep Singh
17	Dr. Khushbu Trehan

Kindly go through it.

With Regards,

Sundary S. Prabavarthy

HOD (Humanities and Science)

Attendance Sheet

One-Week ISTE approved Short Term Training Programme

on

"Life Balance: To Overcome Stress Through Yogic Techniques"

24 April 2017 to 28 April 2017

Fr. Conceicao Rodrigues College of Engineering

Note:-
Mention the name as required on certificate.

Attendance Sheet

Sr.No	Participant Name	Day 1 - 24/04/17		Day 2 - 25/04/17		Day 3 - 26/04/17		Day 4 - 27/04/17		Day 5 - 28/04/17	
		Session1	Session2	Session1	Session2	Session1	Session2	Session1	Session2	Session1	Session2
1	F.C PATIL SANJAY CV										
2	Meghana Naik										
3	Usha Bag										
4	SAUMYA PHILIP										
5	Dr Sunil Yadav										
6	Singh Pradeep V										
7	Dr. Joseph Rodrigues (self)										
8	Dr. Suma Sreedhar										
9	Jitendra Sawant (self)										
10	Marly Thomas										
11	GOPAL H NANDA										
12	Dr. Kasim Kevli										
13	Dr. Vaishali K. Upadhyay										
14	garima										
15	Dr. Pushpendra										
16											
17											
18											
19											
20											

REGISTRATION FORM

Name : Dr. Suma Sreedhar

Designation & Department : Asst Prof.

Institution : A.P. Shah

Address : Thane

E-mail : S.Sreedhar@apsit.edu.in

Mobile : 9270255606

ISTE Membership No.(Life/Annual) _____

I agree to abide by rules and regulations governing the above STTP.

The applicant should confirm his/her participation on or before the last date mentioned.

Signature

Details of Payment
DD/Cheque No: _____

Date : _____

Bank : _____

Name & Designation of sponsoring authority with seal:

Date: _____

Signature

OUR PATRONS:

Fr. Nazareth : Superior

Fr. Valerian D'souza : Director

Dr. Srija Unnikrishnan : Principal

CONVENER:

Prof. (Mrs.) S. Sundary Prabavathy

Head, Department of Humanities and Sciences,
Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (West),
Mumbai – 400 050.
Email: prabavathy@frcrece.ac.in
Mobile: 9833783987

COORDINATORS:

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Mobile: 8286963303

Dr. Khushbu Trehan
Asst. Professor
E-mail: khushbu.trehan@frcrce.ac.in
Mobile: 0966404124

One-Week ISTE approved
Short Term Training Programme

On

"Life Balance: To Overcome Stress Through Yogic Techniques"

24 April 2017 to 28 April 2017

Organized by:

DEPARTMENT OF HUMANITIES AND SCIENCES

Venue:

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W),
Mumbai – 400 050.

ABOUT FR. CRCE

Fr. Conceicao Rodrigues College of Engineering is one of the reputed colleges affiliated to University of Mumbai and approved by AICTE. The college was established in 1984 and is named after its founder the Fr. Conceicao Rodrigues. It functions under the Society of St. Francis Xavier, Pilar. The college believes in the Missionary Principles and renders Education as a Service to Society.

The college runs UG courses in Production Engineering, Electronics Engineering, Computer Engineering and Information Technology as well as PG courses in Mechanical, Electronics Engineering and CAD/CAM.

ABOUT THE DEPARTMENT

The Department of Humanities and Sciences is headed by Prof. Mrs. Sundary S. Prabavathy. The department has well-qualified, experienced and dedicated staff. The department always takes initiative in organizing various training programs for the faculty members and the students for their personality development and academic growth.

The department is a foundation stone on which all the four branches of engineering courses offered by the institute stand. The department is involved in number activities like Fr. CRCE national level annual debate, Rotract Club, NSS, TED', FragMag (Annual Magazine), inter-collegiate Sports and Technomania (Technical Festival).

COURSE THEME

Yoga is an invaluable gift of India's ancient tradition that embodies unity of mind and body. It is not about exercise but to discover the sense of oneness with yourself, the world and the nature. It helps us in changing our lifestyle and creating consciousness- SHRI. NARENDRA MODI

The main purpose of this Training Workshop is to bring about Work-Life Balance, to minimize Health-Problems and finally to attain Healthy Life-Style through Yoga.

This program has been designed to learn and experience the bliss of being stress free.

We are also arranging one day outdoor field activity at Global Vipassana Pagoda, Gorai.

TARGET AUDIENCE

Teaching and non-teaching staff from all streams

COURSE FEES

The course fee is Rs.3000/- for ISTE Members and Non-technical college participants. This fee includes soft copy of course material, tea and lunch.

Note: Those planning to enroll for ISTE membership can register by paying the enrollment fees.

MODE OF PAYMENT

Fees can be paid by DD or Cheque drawn in favor of " Fr. Conceicao Rodrigues College of Engineering, Bandra (West)" .

.IMPORTANT DATES AND TIME:

Last date of receiving confirmation (through email/ whatsapp/ mobile): 10 April 2017

Last date of receiving application: 15 April 2017

NOTE: Further details will be mailed after the confirmation of the participants

HOW TO REACH?

BEST bus Route No.211 from Bandra Station (West) to Fr. Agnel Ashram.

FR. AGNEL ISTE-CHAPTER

BANDSTAND, BANDRA (WEST), MUMBAI – 400 050

This is to certify that

Prof./ Dr./Mrs.

From

has participated in

ONE WEEK ISTE APPROVED STTP ON

'Life Balance: To Overcome Stress through Yogic Techniques'

(APRIL. 24 – 28, 2017)

(VIDE LETTER ISTE/PROCEEDINGS/STTP-SF/2017-18)

Organized by Department of Humanities & Science, Fr. C.R.C.E., Bandra (West)

Prof. (Mrs.) S. S. Prabavathy
Head, Department of H. & Sc.

Dr. Joseph Rodrigues
Coordinator, STTP

Dr. Khushbu Trehan
Coordinator, STTP

Dr. (Mrs.) Srija Unnikrishnan
Principal, Fr. C.R.C.E.

STRESS: YOGIC MANAGEMENT
योग ध्वारा तणावमुक्ति

Deepak Bagadia

stress

WHAT IS STRESS ?

"Stress is the rate of all "wear and tear" our minds and bodies experience as we attempt to cope with our continually changing environment." Dr.Hans Selye

STRESS: YOGIC MANAGEMENT

Tension: 21st Century's Syndrome
Man is the victim of the monster:

"PROGRESS"
which is created by himself (modern Lifestyle)

'Stress' word: Originated from:
Latin word:- "stringere" (to draw tight)

Main victimized Organs
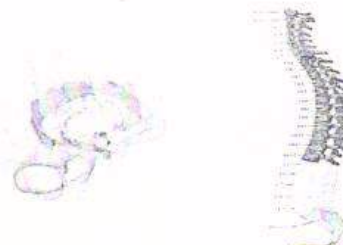
STRESS: YOGIC MANAGEMENT

$$S = P > R$$

- Stress occurs when the pressure is greater than the resource
- Stress is the reaction people have to excessive pressures or other types of demand placed upon them. It arises when they worry that they can't cope.

STRESS: YOGIC MANAGEMENT

HELP ME!

"A state of psychological and / or physiological imbalance resulting from the disparity between situational demand and the individual's ability and/or motivation to meet those demands."

"A state of mental or emotional strain or tension resulting from adverse or demanding circumstances".

1

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STRESS: YOGIC MANAGEMENT

Two types of Stress:

1. EUSTRESS: Necessary in life
2. DISTRESS: Causes diseases if not managed in time

PHYSICAL, MENTAL & EMOTIONAL STRESS

STRESS: YOGIC MANAGEMENT

- 8 Hrs ——————— 12 Hrs
- Eustress ——————— Distress
- I perform better under PRESSURE

STRESS: YOGIC MANAGEMENT
FACTORS THAT MAKE US MORE PRONE TO STRESS

- STRONG COMPETITIVE DRIVE
- INTENSE DRIVE TO SUCCEED
- GAP - ACHIEVEMENT & EXPECTATION
- RESPONSIBILITY, DOMINANCE & RECOGNITION
- POOR ABILITY TO DELEGATE AUTHORITY
- STRIVING FOR PERFECTION
- LACK OF TIME MANAGEMENT & OVERCOMMITMENT

STRESS: YOGIC MANAGEMENT

OUR UNIQUE PERSONALITY –

VALUES, ATTITUDE & BEHAVIOR PATTERN

MAKES US MORE OR LESS VULNERABLE TO

STRESS

STRESS: YOGIC MANAGEMENT
CAUSES

STRESS: YOGIC MANAGEMENT
CAUSES

DEAD END

2

STRESS: YOGIC MANAGEMENT
WORK RELATED CAUSES

Physical and mental health is adversely affected by unpleasant working conditions, such as high noise levels, poor lighting, uncomfortable temperature and unsocial or excessive hours.

STRESS: YOGIC MANAGEMENT
CAUSES

CHANGES AT WORK
Changes that alter psychological, physiological and behavioural routines such as promotion, retirement and redundancy/layoffs are particularly stressful.

STRESS: YOGIC MANAGEMENT
CAUSES:

1. Strict Deadlines
2. Heavy Workloads & interruptions
3. Balance between Family & Work
4. Job Insecurity
5. Pressure for high performance
6. Competition
7. Personal Issues, Medical & Health
8. Lack of Free time

STRESS: YOGIC MANAGEMENT
CAUSES

1. Work Over/underload: The greater the level of responsibility, greater the potential level of stress
2. Role ambiguity 3. Career concern
4. Shift-work   5. Role conflicts
6. occupational demands

STRESS: YOGIC MANAGEMENT

- Lack of social support, participation in decision making, inter personal, inter group conflicts, Technology changes

- Think too much or not at all, accumulate it

- Work too much or not at all, accumulate it

- Sleep too much or not at all, accumulate it

Other Causes

- Type of Personality
- Civic amenities
- Ageing, Ailments, Hormonal changes
- Frustration, Breakups, Divorce
- Caste & Religious conflicts
- Business losses, fluctuations
- War, Natural Calamities
- Post traumatic, Disaster, rape
- Other's stress
- Marriage
- Results: Exams, Sports, Events, Interview

3

YOGIC CAUSES: KLESAS

"AVIDYASMITA-RAGA-DVESHABHINIVESAH KLESAH" (2.3 PYS)

1. Lack of awareness of Reality. adopting to wrong philosophy. *Avidya* is basic *klesa*

2. Sense of egoism, pride or "I-am-ness," self-centredness

3 & 4. Attractions & Repulsions towards objects(of the senses), a lifestyle symptom, thirst for material objects

5. Strong desire for life OR fear of death, self preservation

They are the great afflictions or causes of all miseries in life. (inborn psychological dispositions), 1 klesa flourishes others

Solution: PYS-2.2: "समाधिआवनार्थ क्लेश तनूकरणार्थश्च ।२.२१"

YOGIC CAUSES: KLESAS-symptoms

Avidya: Unresolved worries and anxiety e.g. daughter not coming intime

Raga: Deprivation, craving, mental anchoring, cause-variety of Gunas

Dweasa: small mindedness, hate & resentment, lots of negativity might result into addiction

Asmita: Alienation, love to power to control others

Abhinivesa: Wrong/false identification for wealth, children

STRESS: YOGIC MANAGEMENT

Initial Symptoms of Job related Stress

- Low productivity
- Work related injuries
- Lack of concentration
- Panic attacks

Anger/frustration
Mood Swings
Anxiety
Depression
Family Conflicts

STRESS: YOGIC MANAGEMENT

PHYSICAL SYMPTOMS:

- Pre-menstrual syndrome
- Sleep pattern changes
- Fatigue
- Digestion changes
- Loss of sexual drive
- Headaches
- Aches and pains
- Infections
- Indigestion

- Dizziness
- Fainting
- Sweating & trembling
- Tingling hands & feet
- Breathlessness
- Palpitations
- Missed heartbeats
- Poor neuromuscular coordination

STRESS: YOGIC MANAGEMENT

BEHAVEOURAL SYMPTOMS:

- Appetite changes - too much or too little
- Eating disorders - anorexia, bulimia
- Increased intake of alcohol & other drugs
- Increased smoking
- Restlessness
- Fidgeting
- Nail biting
- Hypochondria

STRESS: YOGIC MANAGEMENT

EMOTIONAL SYMPTOMS:

- Bouts of depression
- Impatience
- Fits of rage
- Tearfulness
- Deterioration of personal hygiene and appearance

4

STRESS: YOGIC MANAGEMENT

MENTAL SYMPTOMS:

Lack of concentration

Memory lapses

Difficulty in making decisions
Confusion

Disorientation

Panic attacks

Know if U have these indications

- General irritability
- Elevated heart rate
- Increased blood pressure
- Anxiety-anxious feeling for no specific reason
- Trembling
- Insomnia
- Headaches
- Indigestion
- Pain in neck and/ or lower back
- Changes in appetite or sleep pattern

STRESS: YOGIC MANAGEMENT

- <u>Distress leading to Physical Ailments:</u>
1. Heart Diseases   2. Headache
3. Migraine   4. Digestive Disorders
5. Back problems & Neck pain, joint pain
6. Eye disorders   7. Diabetes
8. Mental disorders 9. Asthma
10. Skin problems

GrC

STRESS: YOGIC MANAGEMENT
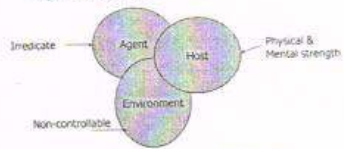
Vyadhis (Vasistha)

Adhija Vyadhi   Anadhija Vyadhi

Sar   Samanya   Infections, Accidents
       (Psychosomatic)

Moksha Yoga   Mantra, Mani, Medicines

STRESS: YOGIC MANAGEMENT

Yoga helps to the Host:

Iredicate   Agent   Host   Physical & Mental strength

Environment

Non-controllable

For any disease, interaction of above 3 factors are essential

---

Physiology of stress

- Response to stress involves a complex pathway, Hypothalamic-Pituitary-Adrenal axis HPA & ANS
- H-secrets CRH (corticotrophin releasing hormones) & Vasopressin
- ⬆ Sympathetic activity: Corticosteroids, re-absorption of water, bp, blood sugar level
- ⬇ Immunity, memory, Insulin, appetite, Body-mind coordination

5

Impact on Physiology

- Increased pupil dilation
- Perspiration
- Increased heart rate and blood pressure
- Rapid breathing
- Muscle tenseness
- Increased mental alertness
- Slow digestion

Summary of effects

1) Decreased stomach motility
2) Increased colon motility (IBS)
3) Increased satiety (Even after meals. This explains combination of depression and obesity).
4) Decreased pain threshold.
5) Decreased immunity (Result : Inflammatory bowel disorders.)
6) Changed emotional behavior.

SUMMARY OF CAUSES

A single root cause can be responsible for manifestation of disease in different systems. Once root cause is traced, treatment becomes simple.

E.g. when a person is stressed, it affects digestion, blood circulation, endocrine system, immune system and the end result is onset of symptoms pertaining to the various systems affected.

Integrated or holistic approach of Yoga therapy allows us to treat person rather than symptom treating root cause

Holmes-Rahe stress test

- Death of spouse – 100
- Divorce – 73   Jail Term – 63
- Trouble with in-laws – 29
- Minor violation of law – 11   etc.

--Make total of all causes--------------------------------

- If it's >300 then, 80% chance of getting sick
- 150 – 300 then, 50% chance of getting sick
- If <150   then, 30% chance of getting sick
- Reference: "Journal of Psychosomatic Research Vol.II"

REMEDIES: STRESS BUSTERS

1. Accept & Adopt to change
2. No addiction to work
3. Positive attitude
4. Time for Family : Enjoy
5. Hobby: Learn new things
6. Laughing sessions
7. Improve relationships
8. Change your Life-style
9. Yoga: Relaxation, Meditation & other practices

CHANGE IS THE ONLY PERMANENT THING

- We should accept change; it is inevitable.
- The only way to make sense out of change is to join the dance, social work or a new activity you have never done before.
- Change has brought about many pleasant things.
- We should be happy that our children are blessed.
- Positive Self-talk

6

EVERYTHING HAS A REASON - A PURPOSE

- Take life as it comes.
- Accept yourself as you are, and also accept others for what they are.
- Everybody is unique and right in their own ways.
- Witness all activities, attitude, reactions as a third person
- Everyday, remember 5things you are grateful for

NEVER SAY "I AM TOO OLD"

- There are three ages, chronological, biological, and psychological.
- The first one is calculated based on our date of birth; The second is determined by the health conditions and the third is how old you feel you are.
- While we do not have control over the first, we can take care of our health with good diet, good exercise and a cheerful attitude.
- A positive attitude and optimistic thinking can reverse the third age.

STRESS: YOGIC MANAGEMENT

7. **Improve Relationship:**
   Good relationships with colleagues are crucial. Open discussion is essential to encourage positive relationships.

FORGIVE, THEN FORGET

- Do not be bothered too much about others' mistakes.
- We are not spiritual enough to show our other cheek when we are slapped on one cheek.
- But, for the sake of our own health and happiness, let us forgive and forget everyone & yourself. Otherwise, we will only be increasing our BP.

STRESS: YOGIC MANAGEMENT

ABC of Managing Stress:

A = AWARENESS
   Identify the cause.
B = BALANCE
   Try to balance positive and negative stress.
C = CONTROL
   Control before
      Eustress ——— Distress

STRESS: YOGIC MANAGEMENT

10. **Change Your Lifestyle**
- Diet
- Exercise
- Awareness
- Leisure
- Relaxation
- Smoking & Alcohol

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Effect of stress on H-P-O axis

Effect of Yogic Practices
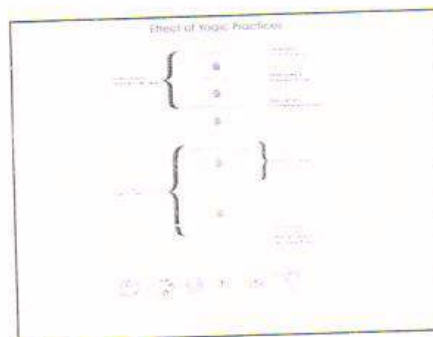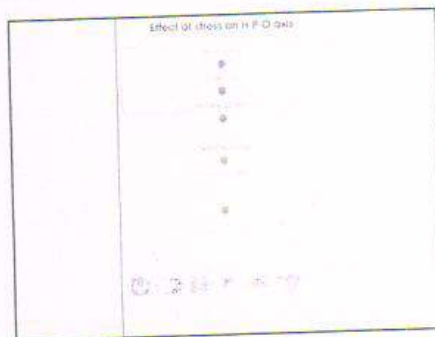
STRESS: YOGIC MANAGEMENT

- **YOGIC EFFECTS**:
  - Sound sleep
  - Reduced Cortisol levels
  - Improvement of many medical conditions
  - Allergy and asthma symptom relief
  - Lower blood pressure, help lower heart rate
  - Smoking cessation, control of Alcohol
  - Spiritual growth
  - Sense of well-being
  - Reduced anxiety and muscle tension
  - Increased strength and flexibility
  - Slowed aging process
  - Ability to face stressful situations

CORTEX

Subcortical Structures

Hypothalamus

HOMEOSTATIC MECHANISMS
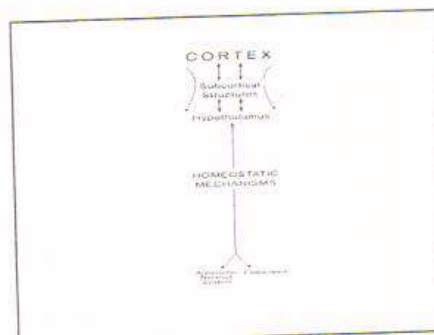
Effects on basic refluxes

- **Basti** : Mastery over emptying reflex.
- **Neti** : Mastery over sneezing reflex.
- **Trataka** : Mastery over blinking reflex.
- **Vamana** : Mastery over vomiting reflex.
- **Shankhaprakshalana** : Voluntary control over involuntary reflexes
- **Uddiyan** creates a negative abdominal pressure and helps in better splanchnic circulation
- **Yoganidra** gives deep rest to all systems and relieves stress.

Yoga as Therapy

No drug/medicine approach allows self immunity to work, improves self confidence which plays a vital role in the process of getting well. It is the strength of mind and not the dose of medicine which helps illness.

Thus, yoga has potential to heal, cure the illness beyond just a complementary therapy.

Abdominal breathing is one of the most effective method of reducing stress.

9

STRESS: YOGIC MANAGEMENT

4. **Time Management:**
Make a list (Prioritisation)
What MUST be done
What SHOULD be done
What would you LIKE to do

- Cut out time wasting
- Learn to drop unimportant activities
- Say no or delegate
- Ask for help when/if necessary

TIME IS PRECIOUS

- It is almost like holding a horse's reins. When they are in your hands, you can control them.
- Imagine that every day you are born again.
- Yesterday is a paid cheque.
  Tomorrow is a promissory note.
  "Today is ready cash;
  use it profitably.
  Live this moment".

HOBBY

- RELAXATION AND RECREATION
- The most relaxing and recreating forces are healthy and religious attitudes, good sleep, YOGA, music and laughter.
- You should have faith in your religion
- learn to sleep well, love good music, and see the fun side of life.
- Prayer, freshly cooked *Mitahaar* with 6 tastes
- Yoganidra with creative visualization

STRESS: YOGIC MANAGEMENT

7. **Laughing or Humour:**
- **Good stress - reducer**
  - **Applies at home and work**

- **Relieves muscular tension**
- **Improves breathing**

- **Pumps endorphins into the bloodstream - the body's natural painkillers**

OVERCOME THE FEAR OF DEATH

- We all know that one day we have to leave this world. Still we are afraid of death.
- We think that our spouse and children will be unable to withstand our loss. But the truth is that no one is going to die for you; they may be depressed for some time.
- Time heals everything and they will carry on.

REMEMBER, NO ONE LEAVES THIS WORLD ALIVE.

Taming our Monkey Mind*

1. Eliminate COMPARISONS. Live by personal values & inner yardstick of evaluation
2. Be more GRATEFUL: Focus on gifts v r blessed with
3. Realise our WHOLENESS. V R Perfect from within
4. TRUST the Universe, accept whatever happens
5. Practice MINDFULNESS. Stills mind, deepens clarity, calms anxiety. Be in present moment.

*Source: "the speaking tree" by Rajiv Vij, TOI-27.10.14

8

Culturing of Emotions

Pratices of chanting (Om, japa, mantra and devotional songs / Bhaktiyoga) affect the limbic system.

It affects the endorphin mediated analgesic system, improved tolerance to pain, hormonal balance through Hypothalamus

Meditations: *Anityabhavna* technique, attitudes of forgiveness, gratitude, love

3 fold attitude by active Yoga

1. Strengthening will-power, make use of rationality & spirituality: तप

2. Tapping inner resources, values, prayer: स्वाध्याय

3. Inner-will manifests in positive virtues, righteousness: इश्वर प्रणिधान

STRESS: YOGIC MANAGEMENT

- YOGIC PRACTICES:

PHYSICAL STRESS: INCORRECT POSTURE, OVER-EXERTION, HEAVY WORKLOAD, Muscle sprain ASANAS, IRT & YOGANIDRA

MENTAL STRESS: WRONG/OVER/IMPROPER & -VE THINKING, FEAR, EXPECTATIONS. ... Chanting PRANAYAMAS, MEDITATION, QRT, CM, +VITY, YN

EMOTIONAL STRESS: EMERGENCIES, ACCIDENTS, SHOCKING NEWS/INCIDENCE.. MEDITATION, YN, SMET, DRT, SMRT, CM, Music, COUNSELING/SHARING

RECENT STUDY BY DEAN ORNISH

- Research on Genetic effects of diet, exercise, meditation and stress reduction:
  Positive Lifestyle produces benefits output from as many as 400-500 genes.
- Same genes are adversely affected by a negative lifestyle ignoring stress mangmnt
- Low-level stress of modern life fools the body into triggering a borderline condition
  Dr.Deepak Chopra

Yoga research results

- Significant Effect of Cyclical breathing pattern (slow, fast & stimulating) in Sudarshan-kriya 6days/wk for 3-6weeks, on depression and depression in early stages of alcoholism.
- Yoga on Anxiety, Breast Cancer, HIV
- Yoga for I.B.S.:
Parighasana, ArdhaMatsyendrasana
Abd.breathing in Savasana   (Contd)

Yoga for IBS

- Salamba Setubandhasana
- Jathara Parivritti   Ananda Balasana

10
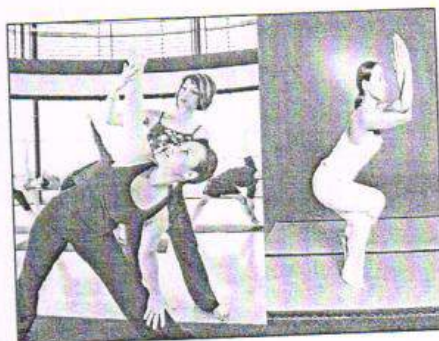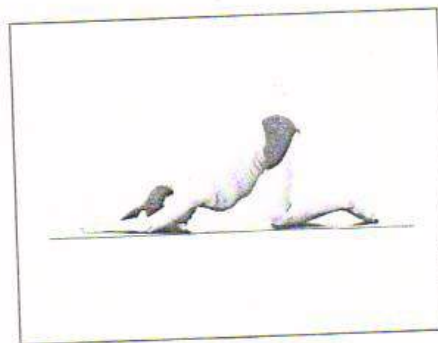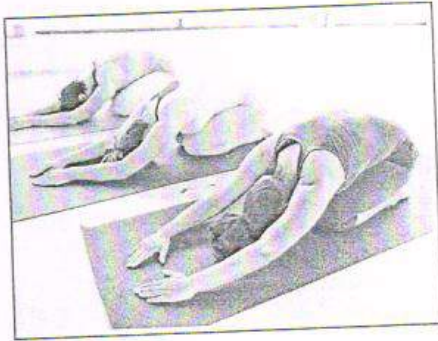
STRESS: YOGIC PRACTICES

WE ARE WHAT WE THINK. ALL THAT WE ARE ARISES WITH OUR THOUGHTS.
WITH OUR THOUGHTS, WE MAKE THE WORLD. ---- GAUTAMA BUDHHA

ARE YOU AWARE OF THE SIGNIFICANCE EVERY THOUGHT, OF EVERY
REACTION THAT YOU HAPPEN TO HAVE? J.KRISHNAMURTI

ALWAYS AIM AT COMPLETE HARMONY OF THOUGHT AND WORD AND DEED,
ALWAYS AIM AT PURIFYING YOUR THOUGHTS AND EVERYTHING WILL BE
WELL M.K.GANDHI

11

Yogic exercises

Flexibility exercises help stretch muscles, protect against injury and allow the maximum range of motion for joints

#ADAM

STRESS: YOGIC MANAGEMENT

Thank U

Health

Stress

Thank You

Reference books in management Library

- "Managing stress for mental fitness" by Merrill F.Raber, VIVA books, New Delhi

- "Stress Management" A Bullet proof Yogic approach, by Swami Sukhbodhanandji

- "Studies in Stress and its management" by D.M.Pestonjee, Udai Pareek, Rita Agarwal. Oxford Publications, Delhi

- "New perspectives in Stress Management" Dr.HRNagendra, Dr.Rnagarathna, S.Vivekananda Yoga Prakashana, Bangaluru

12

One-Week ISTE approved
Short Term Training Programme

On

"Life Balance: To Overcome Stress Through Yogic Techniques"

24 April 2017 to 28 April 2017

Organized by:

DEPARTMENT OF
HUMANITIES AND SCIENCES

Venue:

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W),
Mumbai – 400 050.

OUR PATRONS:

Fr. Nazareth   : Superior

Fr. Valerian D'souza   : Director

Dr. Srija Unnikrishnan : Principal

CONVENER:

Prof. (Mrs.) S. Sundary Prabavathy

Head, Department of Humanities and Sciences,
Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (West),
Mumbai – 400 050.
Email: prabavarthy@frcrece.ac.in
Mobile: 9833783987

COORDINATORS:

Dr. Joseph Rodrigues
Asst. Professor
E-mail:joseph.rodrigues@fragnel.edu.in
Mobile: 8286963303

Dr. Khushbu Trehan
Asst. Professor
E-mail: khushbu.trehan@frcrce.ac.in
Mobile: 09664041240

REGISTRATION FORM

Name   : Dr. Vaishali k. Shedgeri

Designation&
Department   : A.P.S. & H.

Institution   : K.J.S.I.E.I.T.

Address   : Ayurvihar Complex
                         Sion Mumbai - 22

E-mail   : vaishalig@gmail.com

Mobile   : 9892766775

ISTE Membership No.(Life/Annual) _____

I agree to abide by rules and regulations governing the above STTP.

The applicant should confirm his/her participation on or before last date mentioned.

_____
Signature

Details of Payment
DD/Cheque No: _____

Date   :   24-04-2017

Bank   :   _____

Name & Designation of sponsoring authority with seal:

Date: **Signature**

ABOUT FR. CRCE

Fr. Conceicao Rodrigues College of Engineering is one of the reputed colleges affiliated to University of Mumbai and approved by AICTE. The college was established in 1984 and is named after its founder the Fr. Conceicao Rodrigues. It functions under the Society of St. Francis Xavier, Pilar. The college believes in the Missionary Principles and renders Education as a Service to Society.

The college runs UG courses in Production Engineering, Electronics Engineering, Computer Engineering and Information Technology as well as PG courses in Mechanical, Electronics Engineering and CAD/CAM.

ABOUT THE DEPARTMENT

The Department of Humanities and Sciences is headed by Prof. Mrs. Sundary S. Prabavathy. The department has well-qualified, experienced and dedicated staff. The department always takes initiative in organizing various training programs for the faculty members and the students for their personality development and academic growth.
The department is a foundation stone on which all the four branches of engineering courses offered by the institute stand. The department is involved in number activities like Fr. CRCE national level annual debate, Rotract Club, NSS, TEDˣ, FragMag (Annual Magazine), inter-collegiate Sports and Technomania (Technical Festival).

COURSE THEME

Yoga is an invaluable gift of India's ancient tradition that embodies unity of mind and body. It is not about exercise but to discover the sense of oneness with yourself, the world and the nature. It helps us in changing our lifestyle and creating consciousness- **SHRI. NARENDRA MODI**

The main purpose of this Training Workshop is to bring about Work-Life Balance, to minimize Health-Problems and finally to attain Healthy Life-Style through Yoga.

This program has been designed to learn and experience the bliss of being stress free.

We are also arranging one day outdoor field activity at **Global Vipassana Pagoda, Gorai.**

TARGET AUDIENCE

Teaching and non-teaching staff from all streams

COURSE FEES

The course fee is Rs.3000/- for ISTE Members and Non-technical college participants.
This fee includes soft copy of course material, tea and lunch.
Note: Those planning to enroll for ISTE membership can register by paying the enrollment fees.

MODE OF PAYMENT

Fees can be paid by DD or Cheque drawn in favor of **" Fr. Conceicao Rodrigues College of Engineering, Bandra (West)"**

IMPORTANT DATES AND TIME:

Last date of receiving confirmation (through email/ whatsapp/ mobile): **10 April 2017**
Last date of receiving application: **15 April 2017**

NOTE: Further details will be mailed after the confirmation of the participants

HOW TO REACH?

BEST bus Route No.211 from Bandra Station (West) to Fr. Agnel Ashram.

Details of CSI Events

Sr. No	Event	Date	Purpose	Organised By
			Year : 2016-17	
1.	Raspberry Pi Seminar	28th July 2016	This seminar was conducted to introduce the students about Raspberry PI and its various applications in I.O.T(Internet of things) Participation: 129	CSI Committee in association with Mr J.A. Gokhale
2.	LASER TAG	26th August 2016	Laser guns and laser sensing jackets were given to the participants to be worn. This is a fun and power packed game where two teams got into the battle arena and competed to get the highest scores. The school auditorium was transformed into a dark battle arena with UV lights and glowing obstacles that were radium painted. Participation: 115	CSI Committee
3.	Junkyard Wars	26th August 2016	This event included assembling a CPU in the least amount of time possible. The process finishes when the computer is successfully booted. This event requires deep knowledge of computer hardware . Participation: 25	CSI Committee
4.	Game of Codes	26th August 2016	A coding competition which had 3 rounds with increasing difficulty with each round. The competition included error detection round, efficient algorithm round, and finally a tag team coding round. Participation: 20	CSI Committee
5.	LAN Gaming competition(Counter Strike)	26th August 2016	A LAN Gaming competition was held in this event .The eliminations of the teams were done through 4 thrilling rounds till the finals .all the participating teams had a great experience since the	CSI Committee

			competition was neck to neck and exciting. Participation: 88	
6.	Python Workshop For Women empowerment	3rd September 2016	This workshop was conducted in association with IIT BOMBAY TECHFEST , to promote women engineers to learn various programming languages and implement them in todays ever changing technological world. Overall, this workshop was very informative and provided a deep insight to the syntax and semantics of python language. Participation: 55	CSI Committee in collaboration with IIT BOMBAY TECHFEST
7.	Industrial Visit to Westin,Pune	11th September 2016	A very informative experience interacting with the industry professionals and also having a first hand experience of the contribution of Information Technology in the domain of hotel industries. Participation: 61	CSI Committee
			Year : 2015-16	
1.	Robotics Workshop	12th August 2015	A level 1 robotics workshop to familiarize the students with basic electrical components of a bot and explaining the concepts involved in making them. This workshop also helped the students to learn about soldering techniques. The students built a working level 1 bot and had a great time.	CSI committee in collaboration with Robocon CrCE.
2.	Coding Competition	29th August 2015	A coding competition which had 3 rounds with increasing difficulty with each round. The competition included error detection round, efficient algorithm round, and finally a tag team coding round.	CSI committee
3.	LAN Gaming	29th August 2015	A LAN Gaming competition was held in this event .The eliminations of the teams were done through 4 thrilling rounds till the finals .all the participating teams had a	CSI committee

			great experience since the competition was neck to neck and exciting.	
4.	LASER TAG	29th August 2015	Laser guns and laser sensing jackets were given to the participants to be worn. This is a fun and power packed game where two teams got into the battle arena and competed to get the highest scores. The school auditorium was transformed into a dark battle arena with UV lights and glowing obstacles that were radium painted.	CSI committee
5.	Networking Workshop	2nd October 2015	A detailed and informative 2 day workshop on building networks. Day 1 explained the basic concepts of networks and the hardware involved. On the second day the students created networks using software applications therefore giving them a hands on experience.	CSI committee
6.	Coding competition	25-30th January 2016	A 3 hour coding competition in association with HackerRank with thrilling problem statements.	CSI in collaboration with Codelabs
7.	LAN Gaming	25-30th January 2016	A LAN Gaming competition was held in this event .The eliminations of the teams were done through 4 thrilling rounds till the finals .all the participating teams had a great experience since the competition was neck to neck and exciting.	CSI committee
8.	Decrypt the scrypt	25-30th January 2016	A technical fun event with clues all over the college and decrypting one clue would lead them to another clue .Solving those clues and performing certain challenging tasks will finally lead them to the prize.	CSI in collaboration with Codelabs.
9.	Technocrat	25-30th January 2016	A fun technical event of 3 rounds with a team of 2 which involved technical quiz, blind coding and	CSI committee

			error detection.	
10.	Photoshot	25-30th January 2016	It was a non technical event to encourage creativity among students by taking photography entry by the students.	CSI committee
			Year : 2014-15	
1	Ethical Hacking	21st Sep, 2014	The objective of the workshop was to give students hands-on environment where they can shown how to conduct ethical hacking. The students were exposed to an entirely different way of achieving optimal information security posture ,by hacking it.	CSI Committee
2	Web Development course	31st Aug, 6th and 7th sep,2014		CSI committee
3	LASERTAG	22nd Aug 2014		In collaboration with WIE IEEE
4	LAN GAMING	22 , 23 Aug 2014		CSI
Sr. No			**Year : 2013-2014**	
1	Industrial Visit to 'Silvasa'	July 27, 2013	All branch Industrial Visit was organised to 'Silvasa' where the students got to interact with industry professionals. The interaction with these professionals gave the students a deeper insight into the practical implementation of theoretical knowledge in the sectors of computers, electronics and production. Participation:50+ students	CSI Committee
2	Computer Graphics Designing and Editing using PHOTOSHOP	August 23, 2013	This workshop was aimed at teaching the students a way to modify their photographs or even create new Graphical designs for their project work etc. It gives easy options for quick fixes, creative	CSI Committee

			enhancements and endless fun. Participation: 120	
3	Cyber Security and Ethical hacking	September 13, 2013	The workshop related to cyber security and protecting internet users from cyber criminals were covered by the Third Year Computer Students. The workshop was specially based for Second year students from all branches. At the end of the four hour workshops, CDs containing the Tool Kit for practical implementation against hacking were distributed. Participation: 52	CSI Committee
4	LAZERTAG	September 27, 2013	Laser guns and laser sensing jackets were given to the participants to be worn. This is a fun and power packed game where two teams got into the battle arena and competed to get the highest scores. The school auditorium was transformed into a dark battle arena with UV lights and glowing obstacles that were radium painted. Participation: 160	CSI in collaboration with WIE-IEEE
5	Lan Gaming (CS)	September 27 and 28, 2013	Multiplayer game, Counter Strike (CS) was played in the gaming battle zone. College computer systems were used and the students had a great time. Participation: 130	CSI Committee
6	Cloud Computing	January 25, 2014	The aim of this event was to practically create a cloud using Ubuntu server. It covered the aspects of node controller clients and cloud server. The 9th floor computer lab was booked. The event wasn't a complete hit as the Presenter lacked a few resources.	

Sr. No			Participation: 45 students	
7	Seminar on Cyber Crime and Security	March 29, 2014	This was an all branch event. The aim of this event is to make the students aware of cyber crime taking place in India and the scope of Cyber Forensics in India and the job opportunities in this field.60+ students and faculty members	CSI Committee
Sr. No			**Year : 2012-2013**	
1	PHP and MySQL workshop and training	August 15 and 16, 2012	The main aim of this workshop was to help students with WEB DEVELOPMENT and ENGINEERING. Participation: 112	CSI Committee
2	Cyber Security and Forensics workshop	September 8 and 9, 2012	This workshop gave the students a perspective of ethical hacking and techniques to prevent from getting hacked. Participation: 204	CSI Committee
3	Core Java and RMI Training	March 8 and 15, 2013	To enable students to create distributed applications using RMI. Participation: 50	CSI Committee
4	Hack-a-Trick	September 14 and 15, 2012	Students were given a 4-level quest which contained basic hack-tricks to be solved. Cumulative Scoring decided the winners of the competition. Participation: 70	CSI Committee
5	Lan Gaming (CS and NFS)	September 14 and 15, 2012	Multiplayer games such as Counter Strike(CS) and Need For Speed(NFS) were played in the gamimg battle zone. College computer systems were used and the students had a great time. Participation: 110	CSI Committee
6	Industrial Visit	28 Dec 2012 to 5th Jan 2013	All branch Industrial Visit was organised to '' Nanintal, Haridwar and Jim Corbett''. Where the students got to interact with	CSI Committee

			industry professionals. The interaction with these professionals gave the students a deeper insight into the practical implementation of theoretical knowledge in the sectors of computers, electronics and production.	
Sr. No.		**Year : 2011-2012**		
1	Industrial Visit	Jan 1012		CSI committee
1	Kryptix	Sep,2011	Decrypt the given text to make your way to the top of the table	CSI Committee during Crescendo'11
2	Gameroid	Sep,2011	An exhilarating experience for all the gamers	CSI Committee during Crescendo'11
3	Crede-BIT	Sep,2011	LAN game	CSI Committee during Crescendo'11
4	Galactic football	Sep,2011 (Day 1)	A football Match	CSI Committee during Crescendo'11
5	Greek Quotient 2.0	Sep,2011	Coding Event	CSI Committee during Crescendo'11
6	1 Day Industrial Visit	17th Sep, 2011	Allied Digital, Pune	CSI Committee

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CLOSING REPORT OF FDP ON "Stress Management & Yoga for Healthy "

About FDP

This workshop is to make participants understand how to reduce, prevent and cope with stress. These days stress has become a common topic of conversation. We all get stressed at some time in our working life, some more than others. The way we deal with stress is the main difference that separates us, and the degree to which we are affected is also a major variable. Not only can stress affect our ability to work, but more importantly -our health. If you feel swamped by stress come along and take a fresh look at yourself, rebuild your energy and create a more balanced lifecycle by identifying unsustainable behaviors and developing your stress management resources through this workshop.

FDP Contents

The following topics were covered in the course

- Stress and related problems, stress management
- Mind management
- Yoga and Awareness
- Preparative practices Asana, Pranayama ,Yogic exercises, Relaxation

Welcome ceremony

On behalf of Fr. C. R.C.E Staff, Mrs. Garima T. welcomed the participants and guests , Mr. Vinayak Kulkarni.

Course details:

First session conducted by Mr. Vinayak Kulkarni, school development officer in Gopal Garden High School. He explained various ways to manage, reduce and prevent stress. Also explained, proper stress management and relaxation can lead to numerous health benefits.

Second session conducted by Mr. Raghuraj Das, a Culinary consultant. He elaborated how to manage stress with the help of three 'C's (Clarity, Contribution and Connection). Also explained ABCDEF rule (Awareness, Breathing, Chat, Diet, Exercise and Free writing) to manage stress and to be stress free.

Third session was conducted by Mr. Kush Panchal, Professional Yoga Trainer. He enlightened the importance of YOGA and Diet for healthy life. He taught breathing exercises and different asana to release stress, pain and to improve concentration. Also he explained about diet, that we should have small meals at frequent time for well-being.

Closing ceremony

Program was concluded by Mrs. Garima Tripathi with vote of thanks.

The program received good response. Total 20 participants attended the course. Feedback forms were collected and certificates were distributed to participants all by Co-ordinators.

Participants have given good feedback and showed their willingness to participate again in near future program conducted by college.

Co-coordinators

Mohali Shetty

Sarika Davare

J. K. Sare

FDP on "Stress Management & Yoga for Healthy Life" on 4th February, 2017
Jointly organized by Department of Computer Engineering and Information Technology
Fr. C. R.C.E , Bandra

21. Saurabh kulkarni

ATTENDANCE

Sr. No.	Name	4/1/2017 (9-10.45) (Morning)	4/1/2017 Morning (11-12) (Afternoon) &	4/1/17 (2-4.30)
1	Roshni Padate		(A)	(A)
2.	Prajakta Dhamanskar			"
3.	JAY BORADE		(A)	(A)
4.	Shraddha Dalbhade		(A)	(A)
5.	Sangeeta Parshionikar	Sap	(A)	(A)
6.	Ashwini Pansare	AAPansare	AAPansare	AAPansare
7	Yvonne Fernandes		(A)	(A)
8	Jayashree Lootkae		(A)	(A)
9	Jiten Naik		(A)	(A)
10.	Shankar Jagli		(A)	(A)
11	Sunil Chaudhari			(A)
12	Sujata P. Deshmukh			
13	Prajakta Bhangale			
14.	Dr. Khushbu Trehan			
15.	Garima Tripathi	Garima	Garima	"
16	Supriya Kamoji			"
17	Sheetal Antony		(A)	(A)
18	Yogita Sawar		dkosul	dkosul

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STRESS
MANAGEMENT
sh LIVING uck

"STRESS MANAGEMENT & YOGA FOR HEALTHY LIFE"

03rd -04th February 2017

ORGANISED BY

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
BANDRA - MUMBAI
MOULDING ENGINEERS WHO CAN BUILD THE NATION

DEPARTMENT OF COMPUTER ENGINEERING & INFORMATION TECHNOLOGY

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Fr. Agnel Ashram, Bandstand, Bandra (West). Mumbai 400 050.

Phones: +91 22 6711 4000 , Fax: +91 22 6711 4200
Email: crce@frcrce.ac.in, Website: www.frcrce.ac.in

PATRONS

Fr. Nazereth Fernandes : Local Superior
Fr. Valerian D'Souza : Director
Dr. Srija Unnikrishnan : Principal

CONVENOR

Dr. Sunil K Surve
HOD, Computer Engineering
Prof. Jagruti Save
HOD, Information Technology

COORDINATORS

Prof. Monali Shetty
Asst.Prof., Department of Computer Engineering
Contact No: 7276745903
Email: monali_shetty@ frcrce.ac.in

Prof. Sarika Davare
Asst.Prof., Department of Information Technology
Contact No: 9969935306
Email: sarika.davare@frcrce.ac.in

PLEASE ADDRESS ALL COMMUNICATION TO:

Fr. Conceicao Rodrigues College of Engg.
Phone: 022-67114000
Fax:022-67114200
E-mail: mahesh@frcrce.ac.in
Website: http://www.frcrce.ac.in

HOW TO REACH

Take BEST Bus of Route No. 211 from Bandra Station West to reach Fr. Agnel Ashram. (Land Mark : Taj Land Ends)

REGISTRATION FORM

Name _____

Designation _____

Institution _____

Address _____

Phone _____

Email _____

Details of Payment:
DD/Cheque can be drawn in favour of "THE PRINCIPAL, FR. CRCE., BANDRA (W)", payable at Mumbai)

DD/Cheque No: _____

Date: _____ Bank: _____

Date _____
Signature of Participant

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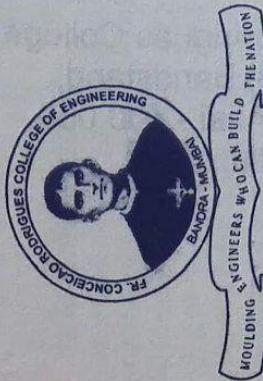Fr. Conceicao Rodrigues College of Engineering (CRCE) was established in 1984 as part of Fr. Agnel Technical Complex at Bandra, Mumbai by the Society of St. Xavier Pillar and is named after its founder the late Rev. Fr. Conceicao Rodrigues. The College is affiliated to the University of Mumbai. The college offers Bachelor Degree courses in Production Engineering, Electronics Engineering, Computer Engineering and Information Technology. The College also offers full-time Masters Degree courses in Production Engineering and part-time Production Engineering (Manufacturing) .The College is located at Bandstand, Bandra, Mumbai in a picturesque environment surrounded by the Arabian Sea.

VISION AND MISSION

"Moulding Engineers who can Build the Nation". Fr. CRCE has been a center of Excellence in Engineering Education, moulding engineers with state-of-the art technologies, innovative skills and human values matching with the growing expectations of corporates and society, and thus plays an effective role in nation building.

COURSE OBJECTIVES

The main objective of this workshop is to make participants understand how to reduce, prevent and cope with stress. These days stress has become a common topic of conversation. We all get stressed at some time in our working life, some more than others. The way we deal with stress is the main difference that separates us, and the degree to which we are affected is also a major variable. Not only can stress affect our ability to work, but more importantly -our health. If you feel swamped by stress come along and take a fresh look at yourself, rebuild your energy and create a more balanced lifecycle by identifying unsustainable behaviors and developing your stress management resources through this workshop.

COURSE CONTENT

- Yoga and Awareness
- Preparative practices Asana, Pranayama and Yogic exercises
- Surya Namaskar, Relaxation Stress and related problems
- Chair Yoga
- Body systems & related disorders, Astangayoga, Diet

- Revision, Mudra-Bandha, Meditation Asanas, Pranayam
- Individualized Counseling

RESOURCE PERSON

Mr.Deepak Bagadia,B.Pharma,
Master in YOGA
(Asst Prof at K.J.Somaiya Bhartiya Sanskriti Peetham)

Dr.Chirag Bagadia, BDS
Master in YOGA

Mrs.Bhavna Bagadia,
Diploma in YOGA
(K.J.Somaiya Bhartiya Sanskriti Peetham)

REGISTRATION FEES

Participant from Academic Institutions : 800/- 500/-

Last Date of Registration

31st January, 2016

To, Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand,
Bandra (W). Mumbai - 400 050.
Maharashtra, India.

Stamp

FEED BACK FORM

04-Feb-2017	
Faculty Development Program- on 'Stress management'	Fr.CRCE

1	Name	Sunil Chaudhari
2	Phone Number	9987112768
3	E mail ID	sunil_chaudhari@frcrce.ac.in

1	Please rate the Session 1- Stress management (1(LOW) TO 10(HIGH))	9
2	Please rate the Session 2- Mind management (1(LOW) TO 10(HIGH))	10
3	Please rate the Session 3-Importance of Yoga & Diet(1(LOW) TO 10(HIGH))	9

1	What did you learn from Session 1- Stress management?
	I learnt some stress management Techniques
2	What did you learn from Session 2- Mind management?
	I learnt about innovative thinking & self discovery
3	What did you learn from Session 3-Importance of Yoga & Diet?
	meditation & diet control.

1	Would you like to attend such seminars in future? Yes/ No	yes
2	Will you recommend/inform about this seminar to your friends, who are teaching in other colleges? Yes/ No	yes.
3	Any suggestions for improving this course?	
	yoga & diet controlle' sessions should be taken for more time	

Thank You.

Prof. Vaidya Vijay Dattatray
Executive Secretary

ISTE/Proceedings/STTP-SF/2016-17   April 18, 2016

Proceedings of Executive Secretary, ISTE

Sub. : Sanction to conduct full time Short-term Training Programme on Self-financing basis
for the financial year 2016-2017.

Sanction is hereby accorded to the following institution for the conduct of the programme
indicated below:

Name of Institution	:	Fr. Conceicao Rodrigues College of Engg. Mumbai – 400 050
Topic	:	Internet of Things
Name & Address of Coordinators	:	Ms. Kalpana D. Ms. Dipali Kosthi Asst. Prof. Asst. Prof.
Duration	:	One Week (Minimum 05 Working Days)
Proposed dates	:	27-06-2016 to 01-07-2016

Terms and Conditions

1. The institution offering the Programme should have an ISTE Chapter with at least
   25 ISTE members as on the date of commencement of the programme.

2. Only ISTE members are allowed to attend this programme.

3. There will be no financial commitment on the part of ISTE on account of this
   programme.

4. The course will be full time and of duration 1week / 2 weeks / 4 weeks.

5. The proposal will be scrutinized by Experts and if approved, the approval will be
   communicated to the Coordinator. The Section Chairman / Executive
   Council Member may monitor the programme and send an independent report to
   ISTE Headquarters if called for. ISTE Headquarters reserves the right to decline the
   approval without assigning reasons.

--/-

6. A processing & operational charges of Rs.150/- per participant is to be paid to ISTE Headquarters along with the final report mentioned in Item 8 below. This is about 15% of the operational charges of Rs.1050/- per participant fixed by AICTE for Summer / Winter Schools to meet this processing and operational expenses.

7. The registration fee of the participants may be fixed by the host institution.

8. Within 15 days after completion of the Programme the final report including list of participants (with their ISTE Membership Number of filled up application forms for ISTE membership with requisite fee), schedule of the programme with dates, copy of the certificate issued and copy of course notes must be sent to ISTE Headquarters alongwith processing & operational charges as mentioned in point 6 above. via DD in favour of "**ISTE**" New Delhi.

9. The Certificate may be issued by the Head of the host institution quoting ISTE Sanction Order. The certificate should contain the ISTE emblem at the top and should read "This is to certify that _____ attended a short term course on_____ sponsored by ISTE during _____ at _____."

Executive Secretary

To,

Dr. Srija Unnikrishnan
Principal
Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandra (West)
Mumbai – 400 050
Maharashtra State

Copy to :

Ms. Kalpana Deorukhkar
Coordinator
Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandra (West)
Mumbai – 400 050
Maharashtra State

FR. AGNEL ISTE CHAPTER, FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Fr. Agnel Ashram, Bandra (West), Mumbai - 400 050

Statement showing Income & Expenditure of ISTE/STTP organised by Dept of Computer Engineering during 27/06/2016 to 01/07/2016 on "INTERNET OF THINGS"

RECEIPTS	Amount (Rs)	PAYMENT	Amount (Rs)
Op Bank Balance	101,585.15	Honorarium to the speakers	70,000.00
Registration Fees		Food Exp	21,797.00
11 ISTE Members @ Rs. 5000/- each	55,000.00	Conveyance / Other exp	1,744.00
2 Non - ISTE Member @ Rs. 5000/-	10,000.00	ISTE processing fees	1,800.00
6 Non - ISTE Students @ Rs. 3500/-	21,000.00		
1 ISTE Student @ Rs. 3500/-	3,500.00	Cl. Bank Balance	95,744.15
TOTAL	191,085.15	TOTAL	191,085.15

Kalpana Deorukhkar
Secretary

Dipali Koshti
Programme Officer

Dr. Srija Unnikrishnan
PRINCIPAL
FR. CONCEICAO RODRIGUES
COLLEGE OF ENGINEERING
FR. AGNEL ASHRAM
BANDRA, MUMBAI-400 050

CLOSING REPORT OF FDP ON "R Programming" CONDUCTED FROM 05-06 AUGUST, 2016

About FDP

R is a complete, interactive object-oriented language designed by statisticians for statisticians. Objects, operators and functions of R help in exploring, modeling, and visualizing data naturally. Being open-source, it is freely usable and allows for integration with other applications. As a Community, R has included more than 20 leading statisticians and computer scientists, thereby packages being added are extensively used by more than 2 million users globally. Norman Matloff highlights that R is useful for archaeologists for tracking the spread of ancient civilizations, for drug companies to discover which medications are safe and effective, and actuaries for assessing financial risks and keep economies running smoothly.

R is used in industries and research e.g,
- Google uses R for ROI calculation on advertising campaigns.
- Twitter for monitoring user experience.
- Ford for improving design of its vehicles.
- The New York Times for creating infographics and interactive data journalism applications, etc.

As data intensive applications are emerging more, there is good demand for people having R language skills in the industries.

FDP Contents

The following topics were covered in the course

1. What is R?
2. Why R?
3. Become familiar with the major R data structures
4. R software and environment with an emphasis on RStudio
5. The basics of running statistical models
6. Statistical Computing in R
7. Significant Packages in R
8. Create your own visualizations using R
9. Case study in the area of machine learning.

Welcome ceremony (5th August, 2016):

On behalf of Fr.C.R.C.E. Staff, Mrs. Anusha J. welcomed the participants and guests. Mrs. Supriya Kamoji, one of the coordinator introduced the course. Our Director Fr.

Valerian D'Souza enlightened participants with words of wisdom. Our Principal Dr. Srija Unnikrishnan heartily welcomed chief guest , Mr. Ratheen Chaturvedi, Data Scientist, TCS on 5th August 2016 morning.

Course Details

On the first day, Mr. Ratheen Chaturvedi, Data Scientist, TCS conducted the session on Introduction to R & Basics of R Programming. He demonstrated packages installation, data structures of R ,Graph plotting. Also Hands on session was provided to participants on RStudio.

On the second day, Mr. Ratheen Chaturvedi, Data Scientist. TCS , gave introduction to machine learning . He gave case studies on statistical & machine learning models.
Also Hands on session was provided to participants on RStudio.
At end of workshop Q-A session was arranged where he solved doubts of participants.

Closing Ceremony (6th August, 2016):

On 6th August,2016 evening, program ,was concluded by Mrs. Prachi Patil, and Coordinators with vote of thanks.

The programme received very good response. Total 25 participant including faculties and students attended the course .Feedback forms were collected and Certificates along with Course Material (CD) were distributed to participants all by H.O.D. of both departments Mr. Sunil Surve and Mrs. Jagruti Save. All teaching and non-teaching staff were appreciated for technical support provided throughout the 2 days workshop.

Participant left premises giving good feedback and showed their willingness to participate again in near future programs conducted by college.

Report Prepared By.

Convenor,

Mrs. Supriya Kamoji (Coordinator)

Mrs. Prachi Patil (Coordinator)

Mr. Sunil Chaudhari(Coordinator)

Mr. Saurabh Kulkarni(Coordinator)

Mrs. Jagruti Save

H.O.D. IT Department

Dr. Sunil Surve

H.O.D.Computer Department

Attachments:
1. List of candidates
2. Balance sheet

pl issue the appreciation letter

12/8/16

Page 386

Stamp

REGISTRATION FOR R-PROGRAMMING
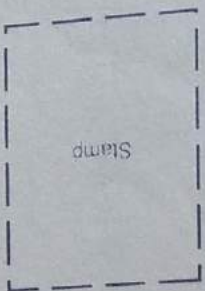
CONVENOR

Dr. Suril K. Surve
HOD, Computer Department

Prof. Jagruti Save
HOD, Information Technology

RESOURCE PERSON

Ratheen Chaturvedi, Data Scientist, TCS

COORDINATORS

Supriya Kamoji
Mob.: 9920487455 / Email: supriyas@frcrce.ac.in

Sunil Chaudhari
Mob.: 9987112768 / Email: sunil_chaudhari@frcrce.ac.in

Prachi Patil
Mob.: 9969465845 / Email: prachi@frcrce.ac.in

Saurabh Kulkarni
Mob.: 9167378073 / Email: saurabh.kulkarni@frcrce.ac.in

PLEASE ADDRESS ALL COMMUNICATION TO:

Fr. Conceicao Rodrigues College of Engg.
Phone: 022-67114000
Fax: 022-67114200
E-mail: crce@frcrce.ac.in
Website: http://www.frcrce.ac.in

HOW TO REACH

Take BEST Bus of Route No. 211 from Bandra Station West to
reach Fr. Agnel Ashram. (Land Mark : Taj Land Ends)

PROGRAMMING R

05th-06th August, 2016

ORGANISED BY

DEPARTMENT OF COMPUTER ENGINEERING
DEPARTMENT OF INFORMATION TECHNOLOGY
FR. CONCEICAO RODRIGUES COLLEGE
OF ENGINEERING

&

TATA CONSULTANCY SERVICES

TATA

Page 387

REGISTRATION FORM

Name _____

_____

Designation _____

Institution _____

Address _____

_____

Phone _____

Email _____

Member of CSI/IEEE/ISTE: Yes / No
If Yes, Membership No: _____

Details of Payment:
(DD/Cheque can be drawn in favour of "THE PRINCIPAL, FR. CRCE., BANDRA (W)", payable at Mumbai)

DD/Cheque No: _____

Date: _____ Bank: _____

Date _____
Signature of Participant

About College

Fr. Conceicao Rodrigues College of Engineering (CRCE) was established in 1984 as part of Fr. Agnel Technical Complex at Bandra, Mumbai by the Society of St. Xavier Pilar and is named after its founder the late Rev. Fr. Conceicao Rodrigues. The College is affiliated to the University of Mumbai. The college offers Bachelor Degree courses in Production Engineering, Electronics Engineering, Computer Engineering and Information Technology. The College also offers full-time Masters Degree courses in Production Engineering (Robotics), Electronics Engineering and part-time Production Engineering (Manufacturing). The College is located at Bandstand, Bandra, Mumbai in a picturesque environment surrounded by the Arabian Sea.

VISION AND MISSION

"Moulding Engineers who can Build the Nation" Fr. CRCE has been a center of Excellence in Engineering Education, moulding engineers with state-of-the art technologies, innovative skills and human values matching with the growing expectations of corporates and society, and thus plays an effective role in nation building.

ABOUT R PROGRAMMING

- R is a complete, interactive object-oriented language designed by statisticians for statisticians.
- Objects, operators and functions of R help in exploring, modeling, and visualizing data naturally.
- Being open-source, it is freely usable and allows for integration with other applications.
- As a Community, R has included more than 20 leading statisticians and computer scientists, thereby packages being added are extensively used by more than 2 million users globally.
- Norman Matloff highlights that R is useful for archaeologists

for tracking the spread of ancient civilizations, for drug companies to discover which medications are safe and effective, and actuaries for assessing financial risks and keep economies running smoothly.

R in industries and research

- Google uses R for ROI calculation on advertising campaigns
- Twitter for monitoring user experience
- Ford for improving design of its vehicles
- The New York Times for creating infographics and interactive data journalism applications
- Firefox for web activity visualization etc.

As data intensive applications are emerging more, there is good demand for people having R language skills in the industries

TOPICS COVERED

- What is R?
- Why R?
- Become familiar with the major R data structures
- R software and environment with an emphasis on RStudio
- The basics of running statistical models
- Statistical Computing in R
- Significant Packages in R
- Create your own visualizations using R
- Case study in the area of machine learning.

REGISTRATION FEES

- Participant from Academic Institutions : 800/-
- Students Participants : 400/-

Last Date of Registration

03rd August, 2016

TWO DAYS FACULTY DEVELOPMENT PROGRAM ON "R PROGRAMMING AND ITS APPLICATIONS"

(5th & 6th August, 2016)

Sr. No	Name of Participant	Name of Institute/college	Email address	Contact number	Student/faculty	Mode of payment ch/DD/cash	Amount paid	Signature	Remarks (if any)
1)	Purva C.	A C Patil, Kharghar	Purva22ac@gmail.com	8451404237	Student	Cash	400/-	Purva	
2)	Aakansha G.	A C Patil, Kharghar	aakanshagupta16@gmail.com	9819789440	Student	Cash	400/-	Ajit	
3)	Sukanya. S.	Lokmanya Tilak COE, Koparkhairn.	SukanyaSawant820 @yahoo.com	9930730339	Student	Cash	400-	Sur	
4)	Rashmidevi G.	Lokmanyo Tilak COE, Kopaykhairau	gautamrashmi164@gmail.com	9594784989	Student	Cash	400/-	Gaur	
5)	Sanjay Kadan.	BVCOE (C.B.D.)	Jogeshdairsali@gan 9167278 40		Faculty	Cash	800/-		
6)	Hitendra chova	BVCOE (C.B.D)	Joyoshairsali@gopein 9773391011				800/-		
7)	Vaibhav. V. Godble	Fr. CRCE	godbolpoo frirrearin	9869331965	Faculty	Sponsor			
8)	Shaun. S. Kollannur	FR. Cyce	shaunsebi kollannur@gmail	9619513016	Student	Cash	400/-		
9)	Aanchal Sharma	Lokmanya Tilak	aanchalsharma@gmail	9699292190	Student	Cash	400	Aanll	
#	Rushab Kathakka								
10	PRASAD N. LALIT	FR. CRCE, BANDRA	prasad@frcrce.ce.in	9892473934	facuh				
11)	Dipali K.	FR. CRCE, Bandra	dipalik@frcrce.ce.in	9519190 52	Faculty	Sponsored			
12)	Sundany P								
13)	Kalpana P.	FR. CRCE, Bandra	kalpana@frcrce.edu.in	9932232305	faculty Sponsored			Kalpana	
14)	Brain Munis	FR. CRCE, Bandra	brayanmunis2@gmail	9929328 34	student	cash.	400/-		
15)	Shubham. D. MAHADI	FR. CRCE. BANDRA	mahadikshubham 12@gmail i.com	8108542283	Student	Cash	400/-		

Page 389

TWO DAYS FACULTY DEVELOPMENT PROGRAM ON "R PROGRAMMING AND ITS APPLICATIONS"

(5th & 6th August, 2016)

Sr. No	Name of Participant	Name of Institute/college	Email address	Contact number	Student/ faculty	Mode of payment Ch/DD/cash	Amount paid	Signature	Remarks (if any)
16	Akshy P. Mane	F.R. CRCE, BANDRA	mane.akshy1977@gmail.com	9619249577	Student		400/-		
17	Prashant Shivgan	F.R. CRCE, BANDRA		8692837660	student		800/-		
18	Kushal D Shukla	F.R. CRCE, BANDRA	Kushal518.Ks@gmail.com	9096251145	Student		800/-		
19	Bhargav Zambe	F.R. CRCE Bandra	zbhargav15@gmail.com	9773007248	Student	Cash	400/-		
20	Niraja Magar	F.R. CRCE Bandra	niraja.magar@gmail.com	9421833704	Student	cash	400/-		
21	Prathamesh T.	F.R. CRCE Bandra	prathameshludar@gmail.com	9869371830	Student	cash	400/-		
22	Rishabh Sharan	F.R. CRCE Bandra			Student	cash	400/-		
23	Priyanka k.	F.R. CRCE Bandra	kulkarni22@gmail.com	8105273201	''	''	400/-		
24	Jalpa Mehta	SAKEC, chembur	sakec.japan@gmail.com	9004913128	Faculty	cash	800/-		
25	AJINKYA PRABHAKAR LALE	RAIT	ajinnyalale@gmail.com	9819671140	faculty	cash	800/-		

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Fr. Agnel Ashram, Bandstand, Bandra.

Speakers Feedback

Part A: Event Details

ent: 2 Day Faculty Development Program on
"Programming"

mpany Name: TCS

e(s) & Duration: 5th & 6th August 2016

Part B: Participant Details

Name: Mr. Ratheen Chaturvedi

Designation: Data Scientist, Digital Enterprise, TCS.

Part C: Rating on the Interaction

ase cross **any one box** to indicate how
ractive participants are (4 for highest and 1
lowest quality)

4	3 ✓	2	1

Part D: What I liked the most about the session

- very well organized
- People arrived on time
-

Part E: Suggestions for Participants improvements

- More interaction
-
-

Part F:

Signature: Ratheen

Date: 06/08/2010

2 Day FDP on "R Programming" on 5th and 6th August 2016

Jointly organized by Department of Computer Engineering and InformationTech.
Fr.C.R.C.E, Bandra

Faculty Name:-

Feedback Form

Grades -- 1. Poor 2. Average 3. Good 4. Very Good 5. Excellent

General Feedback

1	What excited you most in the course	Content, Delivery, Overall organisation
2	How was overall conduction of the course?	Very Good.
3	In which way course would have been improved?	Literaturewise
4	Any other comments	More such programmes are required in future
5	Suggests areas of interest for future courses	Mechatronics, Manufacturing & Computers
6	Name and organization you belong to (Optional)	RAIT Nerul.

Signature with date
06/08/16

CLOSING REPORT OF FDP ON "Stress Management & Yoga for Healthy "

About FDP

This workshop is to make participants understand how to reduce, prevent and cope with stress. These days stress has become a common topic of conversation. We all get stressed at some time in our working life, some more than others. The way we deal with stress is the main difference that separates us, and the degree to which we are affected is also a major variable. Not only can stress affect our ability to work, but more importantly -our health. If you feel swamped by stress come along and take a fresh look at yourself, rebuild your energy and create a more balanced lifecycle by identifying unsustainable behaviors and developing your stress management resources through this workshop.

FDP Contents

The following topics were covered in the course

- Stress and related problems, stress management
- Mind management
- Yoga and Awareness
- Preparative practices Asana, Pranayama ,Yogic exercises, Relaxation

Welcome ceremony

On behalf of Fr. C. R.C.E Staff, Mrs. Garima T. welcomed the participants and guests , Mr.

Vinayak Kulkarni.

Course details:

First session conducted by Mr. Vinayak Kulkarni, school development officer in Gopal Garden High School. He explained various ways to manage, reduce and prevent stress. Also explained, proper stress management and relaxation can lead to numerous health benefits.

Second session conducted by Mr. Raghuraj Das, a Culinary consultant. He elaborated how to manage stress with the help of three 'C's (Clarity, Contribution and Connection). Also explained ABCDEF rule (Awareness, Breathing, Chat, Diet, Exercise and Free writing) to manage stress and to be stress free.

Third session was conducted by Mr. Kush Panchal, Professional Yoga Trainer. He enlightened the importance of YOGA and Diet for healthy life. He taught breathing exercises and different asana to release stress, pain and to improve concentration. Also he explained about diet, that we should have small meals at frequent time for well-being.
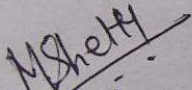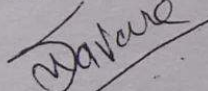
Closing ceremony

Program was concluded by Mrs. Garima Tripathi with vote of thanks.
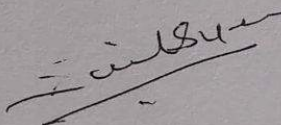
The program received good response. Total 20 participants attended the course. Feedback forms were collected and certificates were distributed to participants all by Co-ordinators.
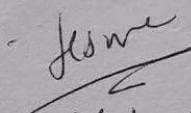
Participants have given good feedback and showed their willingness to participate again in near future program conducted by college.

Co-coordinators

Mohali Shetty

Sarika Davare

J. K. Save

FDP on "Stress Management & Yoga for Healthy Life" on 4th February, 2017
Jointly organized by Department of Computer Engineering and Information Technology
Fr. C. R.C.E , Bandra

21. Saurabh kulkarni

ATTENDANCE

Sr. No.	Name	4/1/2017 (9-10.45) (Morning)	4/1/2017 Morning (11-12) (Afternoon) &	4/1/17 (2-4.30)
1	Roshni Padate	porhnis	Ⓐ	Ⓐ
2.	Prajakta Dhamanskar	Dhamf.	Dhf.	''
3.	JAY BORADE	Beele	Ⓐ	Ⓐ
4.	Shraddha Dalbhade	Dalbhade	Ⓐ	Ⓐ
5.	Sangeeta Parshionikar	Sap	Ⓐ	Ⓐ
6.	Ashwini Pansare	APansare	APansare	APansare
7	Yvonne Fernandes	Hernandu	Ⓐ	Ⓐ
8	Jayashree Laetkae	Shh	Ⓐ	Ⓐ
9	Jiten Naik	Jni	Ⓐ	Ⓐ
10.	Shankar Jagli	Duf.	Ⓐ	Ⓐ
11	Sunil Chaudhari	Bhardz	Bhardz	Bhardz
12	Sujata P. Deshmukh	Shm	Shm	'' Ⓐ
13	Prajakta Bhangale	Re		
14.	Dr. Khushbu Trehan			
15.	Garima Tripathi	Garima	Garima	''
16	Supriya Kamoji	sup	sup	
17.	Sheebal Antony	Khhh	KhAB	Ⓐ
18	Yogita Savar	dkosul	dkosul	dkoslti

Faculty Development Programme on

"STRESS MANAGEMENT & YOGA FOR HEALTHY LIFE"

03rd -04th February 2017

ORGANISED BY

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
BANDRA - MUMBAI
MOULDING ENGINEERS WHO CAN BUILD THE NATION

DEPARTMENT OF COMPUTER ENGINEERING & INFORMATION TECHNOLOGY

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Fr. Agnel Ashram, Bandstand, Bandra (West). Mumbai 400 050.

Phones: +91 22 6711 4000 , Fax: +91 22 6711 4200

Email: crce@frcrce.ac.in, Website: www.frcrce.ac.in

PATRONS

Fr. Nazereth Fernandes : Local Superior
Fr. Valerian D'Souza : Director
Dr. Srija Unnikrishnan : Principal

CONVENOR

Dr. Sunil K Surve
HOD, Computer Engineering
Prof. Jagruti Save
HOD, Information Technology

COORDINATORS

Prof. Monali Shetty
Asst.Prof., Department of Computer Engineering
Contact No: 7276745903
Email: monali_shetty@ frcrce.ac.in

Prof. Sarika Davare
Asst.Prof., Department of Information Technology
Contact No: 9969935306
Email: sarika.davare@frcrce.ac.in

PLEASE ADDRESS ALL COMMUNICATION TO:

Fr. Conceicao Rodrigues College of Engg.
Phone: 022-67114000
Fax:022-67114200
E-mail: mahesh@frcrce.ac.in
Website: http://www.frcrce.ac.in

HOW TO REACH

Take BEST Bus of Route No. 211 from Bandra Station West to reach Fr. Agnel Ashram. (Land Mark : Taj Land Ends)

REGISTRATION FORM

Name _____

Designation _____

Institution _____

Address _____

Phone _____

Email _____

Details of Payment:

(DD/Cheque can be drawn in favour of "THE PRINCIPAL, FR. CRCE., BANDRA (W)", payable at Mumbai)
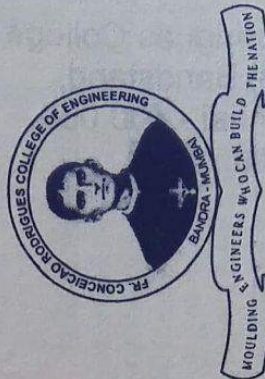
DD/Cheque No: _____

Date: _____ Bank: _____

Date _____

Signature of Participant

Fr. Conceicao Rodrigues College of Engineering (CRCE) was established in 1984 as part of Fr. Agnel Technical Complex at Bandra, Mumbai by the Society of St. Xavier Pilar and is named after its founder the late Rev. Fr. Conceicao Rodrigues. The College is affiliated to the University of Mumbai. The college offers Bachelor Degree courses in Production Engineering, Electronics Engineering, Computer Engineering and Information Technology. The College also offers full-time Masters Degree courses in Production Engineering and part-time Production Engineering (Manufacturing) .The College is located at Bandstand, Bandra, Mumbai in a picturesque environment surrounded by the Arabian Sea.

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COURSE OBJECTIVES

The main objective of this workshop is to make participants understand how to reduce, prevent and cope with stress. These days stress has become a common topic of conversation. We all get stressed at some time in our working life, some more than others. The way we deal with stress is the main difference that separates us, and the degree to which we are affected is also a major variable. Not only can stress affect our ability to work, but more importantly -our health. If you feel swamped by stress come along and take a fresh look at yourself, rebuild your energy and create a more balanced lifecycle by identifying unsustainable behaviors and developing your stress management resources through this workshop.

COURSE CONTENT

- Yoga and Awareness
- Preparative practices Asana, Pranayama and Yogic exercises
- Surya Namaskar, Relaxation Stress and related problems
- Chair Yoga
- Body systems & related disorders, Astangayoga, Diet

- Revision, Mudra-Bandha, Meditation Asanas, Pranayam
- Individualized Counseling

RESOURCE PERSON

Mr.Deepak Bagadia,B.Pharma,
Master in YOGA
(Asst Prof at K.J.Somaiya Bhartiya Sanskriti Peetham)

Dr.Chirag Bagadia, BDS
Master in YOGA

Mrs.Bhavna Bagadia,
Diploma in YOGA
(K.J.Somaiya Bhartiya Sanskriti Peetham)

REGISTRATION FEES

Participant from Academic Institutions :.800/- 500/-

Last Date of Registration

31st January, 2016

To. Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand,
Bandra (W). Mumbai - 400 050.
Maharashtra, India.

Stamp

FEED BACK FORM

04-Feb-2017	
Faculty Development Program- on 'Stress management'	Fr.CRCE

1	Name	Sunil Chaudhari
2	Phone Number	9987112768
3	E mail ID	sunil_chaudhari@frcrce.ac.in

1	Please rate the Session 1- Stress management (1(LOW) TO 10(HIGH))	9
2	Please rate the Session 2- Mind management (1(LOW) TO 10(HIGH))	10
3	Please rate the Session 3-Importance of Yoga & Diet(1(LOW) TO 10(HIGH))	9

1	What did you learn from Session 1- Stress management?
	I learnt some stress management Techniques
2	What did you learn from Session 2- Mind management?
	I learnt about innovative thinking & self discovery
3	What did you learn from Session 3-Importance of Yoga & Diet?
	meditation & diet control.

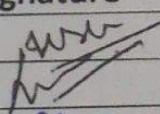| 1	Would you like to attend such seminars in future? Yes/ No	yes
2	Will you recommend/inform about this seminar to your friends, who are teaching in other colleges? Yes/ No	yes.
3	Any suggestions for improving this course?	
	yoga & diet Control sessions should be taken for more time	

Thank You.

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

2-Days Faculty Development Program
"Intellectual Property Rights"

Attendance Sheet (Day – 2)

Date: 06th Feb. 2016
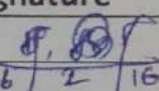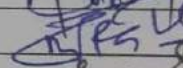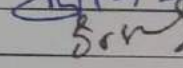
Sr. No.	Name of the Participant	Signature
1.	Ketaki N. Joshi	
2.	Lingade Sandip P.	
3.	Deepika Singh	
4.	Rao V.B.	
5.	Dipali Bhoje	
6.	Gauren Chilkini	
7.	Romesh A. Mohite.	Romola
8.	Neeraj Bhimrao Kamble	Kamble
9.	Dhanashree Satyawan Raorane	Dsn
10.	Priyanka P. Kulkarni	
11.	Niraj Dnyaneshwar Magar	Magar.
12.	Prathamesh S. Tendulkar	
13.	Mohammad Javed.	
14.	Shaikh Abusufyan S.	
15.	Onkar Potadar	
16.	Tejashri R. Kulkarni	
17.	Prasad Kanade	
18.	Hitendra Vaishnav	
19.	Dr. V. S. Bilolikar	
20.	Shubham Shah	
21.	NITIN UNNITHAN	
22.	Vaibhav R. Gorudia	V.R. Gorudia
23.	R Rupz Chenkara	
24.	Sameer Zore	
25.	Milson Carvalho	
26.	PRABLEEN SINGH KOHLI	Prabl
27.	Ansari Tanveer	
28.	Heeranand B. Vhangade	
29.	Priya B. Vhangade	
30.	Shoeb Walke	

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Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

2-Days Faculty Development Program
"Intellectual Property Rights"

Attendance Sheet (Day – 2)

Date: 06th Feb. 2016

Sr. No.	Name of the Participant	Signature
31.	Geeta Subramanian	
32.	M. KIRUTHIKA	6/2/16 MK 6/2/16.
33.	Dr. Vasim A. Shaikh	Shaikh
34.	SRISHTI R. PARMAR	
35.	Dr. Bhushan T. Pahl	
36.	D. S. S. Sudhakar	
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60.		

Feedback for 2-Days Faculty Development Program on "Intellectual Property Rights"

Please √ against your choice of option

1. Name of Participant

   Tejashri R. Kulkarni

2. Are you satisfied with content of the course?
   - ✓ Very Much Satisfied
   - Satisfied to some extent
   - Not satisfied at all
   - Can't Say

3. Do you find content of this programme useful for you?
   - ✓ To great extent
   - To some extent
   - Not useful
   - Can't Say

4. Are you satisfied with level of interaction between course instructors and you?
   - ✓ To great extent
   - To some extent
   - Notmuch interactive
   - Can't Say

5. Are you satisfied with other arrangements like breakfast,lunch--etc?
   - ✓ To great extent
   - To some extent
   - Not satisfied
   - Can't Say

6. Please rate this programme on 1-5 Scale-
   - 1
   - 2
   - 3
   - ✓ 4
   - 5

7. Any other comments/suggestions for the improvement of the programme:

   " Intellectual property Rights " programme should have to part of include in syllabus & ft well should be charge free for student.

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

## 2-Days Faculty Development Program
"Intellectual Property Rights"

Attendance Sheet (Day – 1)

Date: 05th Feb. 2016

Sr. No.	Name of the Participant	Signature
1.	Vaibhav R Gosalia	V.R.Gosalia
2.	NITIN UNNITHAN	
3.	CHENKARA MOHAMMED RIYAZ	Riyaz.
4.	SHUBHAM SHAH	S
5.	AKHIL VARGHESE	
6.	Shoeb Walele	Shoebwal
7.	Tejashri R kulkarni	
8.	Priya. B. Vhangade	Priyay.
9.	Nandane Prabhu	
10.	Milson Carvalho	
11.	Ansari Tanveer	
12.	PRABLEEN SINGH KOHLI	(Prableen)
13.	onkar Potadar	
14.	Priyanka P. kulkami.	
15.	Dhanashree Raorane	DSR
16.	Niraja D. Magar	Dmagar.
17.	Prathamesh S. Tendulkar	S.
18.	Ramesh A. Mohite	RMohite
19.	Shehzad Shaikh.	
20.	SONAWANE AKSHAY	
21.	Gaurav Thikm	
22.	Seema Talmale	
23.	Prasad Dhede	Dhede
24.	SRISHTI RANJITSINGH PARMAR.	
25.	NEERAJ BHIMRAO KAMBLE	Kamble
26.	VHANGADE HEERANAND .B	
27.	JWALLANT PARMAR	
28.	Vidhan chudasama	chudasama
29.	Parth. J. Shah	Parth
30.	Adwait Pendse	

(112)

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

2-Days Faculty Development Program
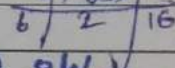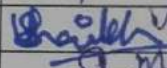### "Intellectual Property Rights"

Attendance Sheet (Day – 1)

Date: 05th Feb. 2016

Sr. No.	Name of the Participant	Signature
31.	Chitrang Narkar	Narkar
32.	JUBIN JOHN	
33.	Saurabh kulkarni	
34.	Saurabh Mehta	
35.	Somesh Rupawate	
36.	RISHABH. PAREKH	
37.	M. KIRUTHIKA	
38.	Shreyas Raut	
39.	V S Dhapur	
40.	Sameer B. Zore	
41.	Langade S P	
42.	Rao V. B.	
43.	Gulla Subramanian	
44.	Priya. B. Vhangode	
45.	PRABLEEN SINGH KOHLI	
46.	Ansari Tanveer	
47.	Deepika Singh	
48.	Ketaki Joshi	
49.	Dipali Bhise	
50.	Hitendra Vaishnav	Hitendra
51.	Prasad kawade	
52.	Dr. Bhushan T. Patil	
53.	D. S. Sudhakar	
54.	D.	
55.		
56.		
57.		
58.		
59.		
60.		

Page 403

▶ **Participant Registration :**

Note: Participants are requested to be present 15 minutes before the start of the Day session.

Registration Form for FDP on Intellectual Property Rights

Participant Name :	RAORANE DHANASHREE SATYAWAN
Organization :	Fr. Cr. CE.
Address for Communication :	B1/Sachin Darshan Bldg, Aanand Nagar, Dombivli (W)
Contact Nos. :	9029471215
Email Address. :	dhanashree733@gmail.com
Web-page :	
	Cheque / DD details
Amount Paid :	1000 Rs.
Cheque / DD no. :	Cash
Date :	4-2-16
Bank Details :	

TIME TABLE for FDP on "Intellectual Property Rights"

Day & Date	Schedule	Activity / Topic
	9.30 AM	Registration
	9.45 AM	Inauguration
	10.00 AM	Tea Break
	10.15 – 1.00 PM	Introduction to IPR
		Understanding of Patents, Trademarks, Copyrights, and Industrial Designs(India)
		Patentability Criteria and Case-study
		IP Mgmt., Working on examples using workbook
		Q/A session
Day 1 (05th Feb. 2016) Friday	1.00 – 2.00 PM	LUNCH
	2.00 – 3.00 PM	What is Prior Art?
		Novelty and Public Knowledge
		Suggestion and Anticipations
		Patent Life Cycle (India)
		Synergy between Patent and Design Protection
	3.00 – 3.15 PM	TEA- BREAK
	3.15 – 4.30 PM	International Patent Protection
		Patent Co-operation Treaty (PCT)
		Precaution to avoid possible infringement
		How to decide a required IP protection
		Q/A session
	9.45 AM	Tea
	10.0 - 1.00 PM	Introduction to IP
		Patents and Copyrights in Academic Environment
Day 2 (06th Feb. 2016) Saturday	1.00 – 2.00 PM	LUNCH
	2.00 – 4.00 PM	How IP policy is setup in Academic Environment
		IP for research
		Technology Transfer
	4.00 – 4.30 PM	Valedictory Function
		Program Closure

Target Audience:-

- Students and Faculty from all disciplines and Professionals from Industry who are interested to understand and gain knowledge of Intellectual Property Rights are welcome for this program.

How to Register:-

- Demand Draft/ Cheque of Rs. 1,500 in favour of
  "**Principal, Fr. C.R. College of Engineering**"
- Registration form to be filled as provided in brochure,
- The above should reach us to the following address :

  The Principal,
  Fr. Conceicao Rodrigues College of Engg,
  Fr.Agnel Ashram, Bandstand, Bandra (W)
  Mumbai; Pin: 400 050
  Maharashtra State.

Our Patrons:-
  Rev. Fr. Nazareth Fernandes (Local Superior)
  Rev. Fr. Victor Rebello (Director)
  Dr. Srija Unnikrishnan (Principal)

Program Coordinators:-
  Prof. D.S.S.Sudhakar (HOD – Production) 9820620243
  Prof. Jagruti Save (HOD – Information Tech.) 9869621900
  Dr. B.T. Patil (9820369797) bhushan.patil@frcrce.ac.in
  Prof. Jorapur V.S (9869288147) jorapur@frcrce.ac.in
  Dr. Vasim A. Shaikh (9702899737) vasim.shaikh@frcrce.ac.in
  Prof. Vaibhav Godbole (9869331965)
  Prof. Prajakta Bhangale (9833720466)

Speakers : -
1. Adv. Anand Mahurkar - (M.E, LLB, Regd. Patent Agent – Partner, Krishna and Saurastri Associates)
2. Adv. Vidyadhar Bhanage – (B.E, LLB, Regd. Patent Agent – Partner, Krishna and Saurastri Associates)
3. Dr. Mukundan (NITIE – Mumbai)
4. Dr. KoteshwarRao Naik (NITIE – Mumbai)
5. Dr. Ruchila (NITIE – Mumbai)

1,2 speakers are for Day 1, and remaining 3,4 and 5 speakers are for Day 2 of FDP program.

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050
Phone: 022 – 67114111 Visit us at: www. frcrce.ac.in

2-Days Faculty Development Program

on

"Intellectual Property Rights"
05th Feb. 2016 – 06th Feb. 2016
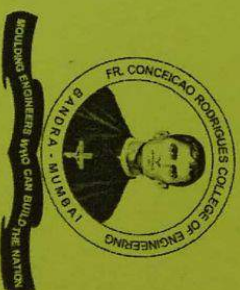
FR CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
BANDRA - MUMBAI
MOULDING ENGINEERS WHO CAN BUILD THE NATION

Organized by:

Department of Production Engineering

&

Department of Information Technology
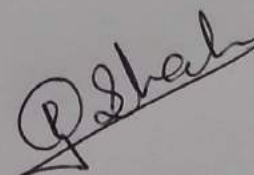
Fr. CRCE, Bandra

Report

Of

Two day workshop

On

"Remote learning technologies"

(February 5-6, 2016)

By

Electronics engineering department

Fr.Conceicao Rodrigues college of Engineering

Prof.parshvi Shah
Co-ordinator

Prof.Jagruti Nagaonkar
Co-ordinator

Dr.D.V.Bhoir
(Head of Electronics Department)

Objective:

This Workshop was aimed and designed to provide a better exposure on the Remote learning aspects of ARM cortex and FPGA based labs. The main objectives of workshop are:

- To provide hands-on Session on ARM cortex and FPGA.
- To familiarize faculty with concept related to embedded system design and how to implement on Remote Lab.
- To help Faculty to design Experiment for the related Courses.

Important Dates:

Last date of receiving confirmation from participant and registration: 5th February, 2016.

Participants:

We Received 18 Registrations.

Arrangements:

Lunch and Tea arranged for all the members reported for the program on both the days .participants were given Folder, Pen, Writing pad.

Programme Details :

The workshop was inaugurated on 5th February 25, 2016 at 9.30 am by Rev. Fr. Nazareth Fernandes, Rev. Fr. Valerian D'souza, Dr. Srija Unnikrishnan, Principal of Fr. CRCE, Dr. D.V. Bhoir, Head of Electronics Department and Speaker of the day one, Dr. Jonathan Joshi, CEO of Eduvance.Fr. Nazareth Fernandes, Principal Dr. Srija Unnikrishnan and Dr. D.V. Bhoir addressed the participant at the inaugural function.
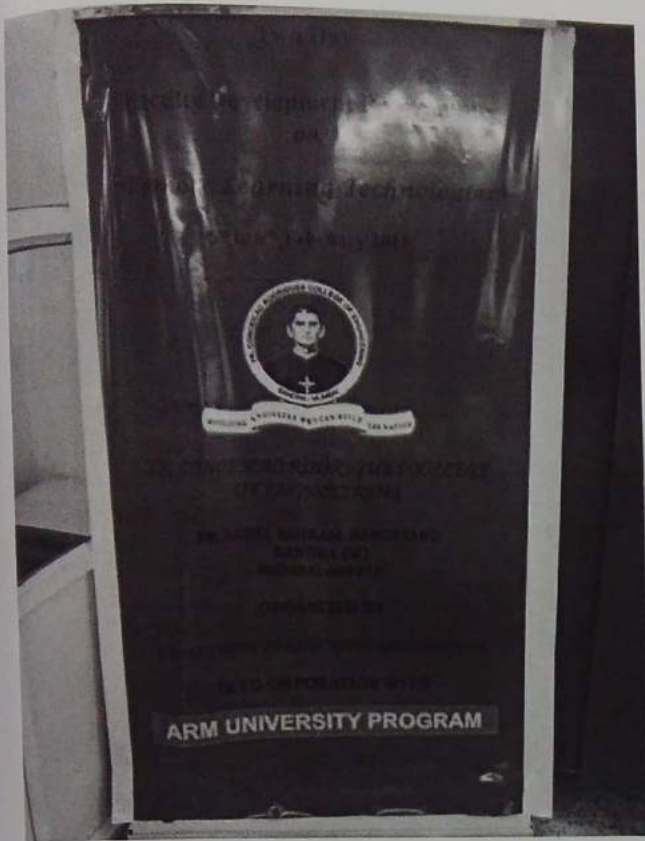
Immediately After the Inaugural function, *Dr. Jonathan Joshi* Started the Session on "*Introduction to ARM mbed and Programming platform*" .Further He Continued with "*Digital Input and output on remote lab*".

The Post lunch session was conducted by Dr. Jonathan Joshi on "*Analog input over lab*" This session followed by "*Interfacing of motors over remote lab*".

Second day started with the Session on "Introduction to FPGA Design Flow" by Mr. Ganesh Gore, CTO, Eduvance Further he continued with Hands –on session on Various Digital Circuit Implementation over Remote lab.
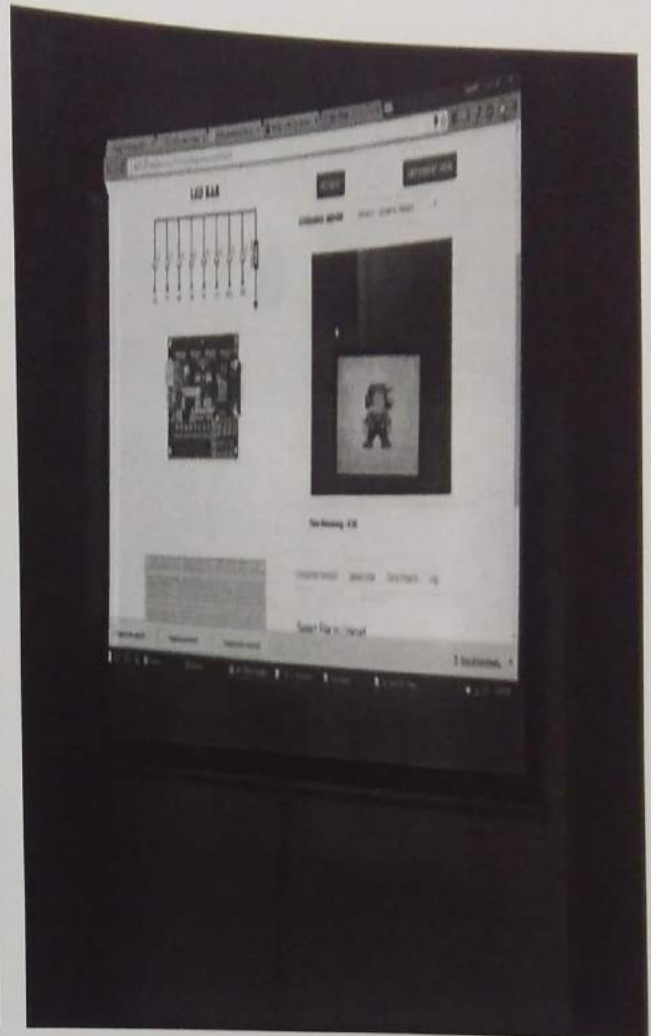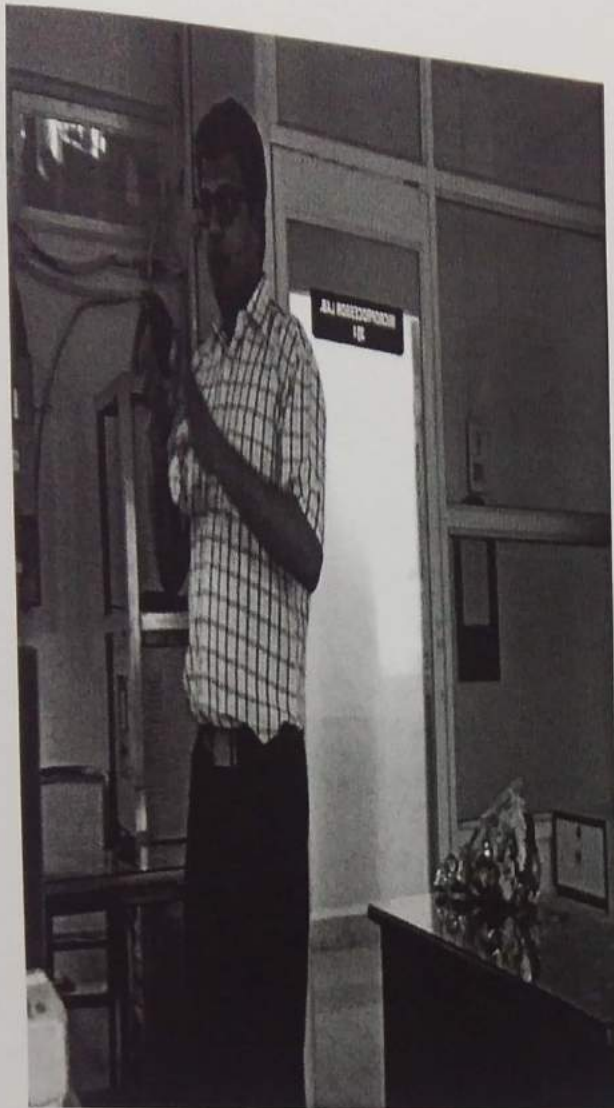
After this, in the valedictory function, certificates were distributed to the participants.

The programme concluded with the vote of thanks by the coordinators.

REPORT

How To Use Keil And Proteus Software

Date: 24th July, 2015

A seminar was organized on 24th July by the IEEE –CRCE on use of Keil and Proteus software. This event provided an opportunity for students to explore the field of electronic software.

The seminar began at 1:30pm in the seminar hall. This one-hour long seminar was very interactive where participants gained knowledge of electronic software and cleared their queries. It was conducted by Mr. Yash Singh and Mr. Chirag who shared their knowledge on

- Introduction on embedded C
- How to use Keil software
- How to use Proteus software
- Steps to make a project
- Troubleshooting steps for any bugs

The event attracted magnificent response from TE electronics and like every event of IEEE – CRCE was also a highly educative, appreciated event.
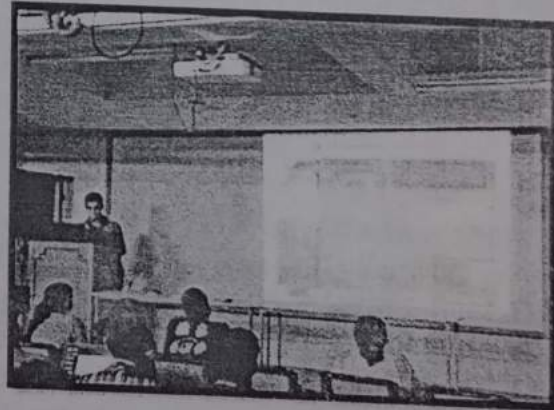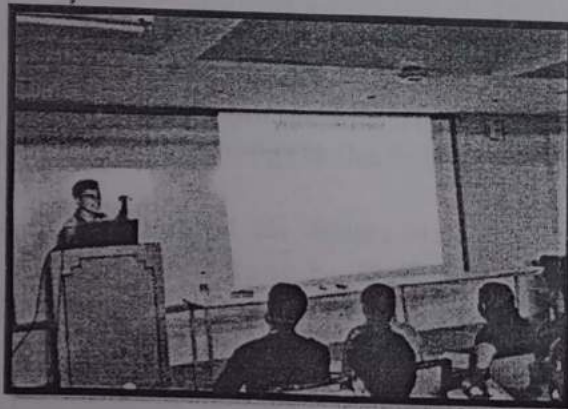
Marc Mathew
SE Representative
IEEE- CRCE

Mrs. Kranti Wagle
Branch Counsellor,
IEEE, CRCE

SEMINAR ON TECHNICAL PAPER WRITING

29 July 2015 || Fr. CRCE, Bandra
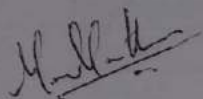
IEEE-,CRCE organised a seminar on Technical Paper Writing for the students of second, third and fourth year from all branches. The seminar was conducted in the Seminar Hall of Fr. Conceicao Rodrigues College, Bandra on 29th July, 2015. The Speaker for the event, Prof. Sapna Prabhu from the Electronics Department of FRCRCE, shared with the students her impeccable knowledgein the field of Technical Paper Writing.

The host for the event Mr. RakeshBalasubramaniam gave a brief introduction about IEEE-CRCE and the work done by Prof. S.Prabhu. Prof. S.Prabhu was called up on stage and felicitated with a bouquet of flowers. She began the seminar with a brief introduction to Types and Format of the Paper Writing. This was later followed by a detailed lecture on the Use, Publication and Plagiarism. She encouraged each one of us to try our hands at it as it would lead to a sense of confidence.We also witnessed an example of her work in the form of Technical Paper Writing.
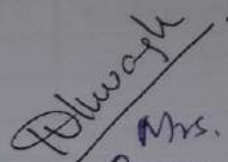
The seminar was attended by over 80 students. At the end of the presentation, Prof. S.Prabhu answered all the questions put forth by the students. As the seminar came to an end, Ms. Pearl Fernandes gave the closing speech, thanking Prof for her time and efforts to interact and help the students. As a sign of gratitude, she was presented with a memento.

Present at the event were Prof. Kranti and Prof. Garima whose guidance and support

helped us in setting up the event. The seminar was a success and proved to be helpful to the students. Overall the students left with a satisfaction of learning something new. The event would not have been possible without the active cooperation of the faculty members and the council.

Marc Mathew
SE Representative
IEEE- CRCE

Mrs. Kranti Wagle
Branch Counsellor,
IEEE, CRCE.

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(Technical Paper File)

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32	Samuel A			SE Elex	Paid	
33	Aleena Tressa			SE Elex	Paid	
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39	Imran Khan		????1818	TE Elex	Paid	
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51	Jayan Thakore	Jayerot...@gmail.com	9029752580	TE Elex	Paid	

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Anuj	Odedraanuj@gmail.com	9923894616	SE IT
Mayank			TE-ELEX Layout
Yash Singh MA	yash_204@hotmail	9867210849	BGG Y. Singh

Validelin Tanait

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Sen Rajan Mathew	senmathew329@gmail.com	855207386	(SE) TTX
Varun Bhatt			

Navanath Terngire (council)
Manoj Jain (Council)
Dream Gonsalves (council)
Alroy Vaz (council)
Pushkar Vaity (council)
Malita Dodti (council)
Rebecca D'souza (council)
Omkar Pendke (BE ELEX)
Pendkeomkar@hotmail.com

Winners: Attached

TECHNICAL QUIZ

Venue: Seminar Hall (5th floor)
Quiz Master: Mr. Savio D'souza

The Technical Head of IEEE-CRCE, Mr. Savio D'souza prepared the questions for the Technical Quiz. There were a total of 2 rounds. Each team comprised of 2 students.

In the first round of the quiz, teams were given 30 MCQs to solve within a time limit of 6 mins. The questions were based on basic Electronics and Computers. The teams were then scored and only the top 4 teams proceeded to the 2nd and final round of the quiz.

The Final Round of the Quiz was a Buzzer Round. The final round had 3 main categories: Electronics, Computers and Mechanical. The questions were of B.E(Fourth Year) and M.E(Masters) Level. The team to hit the buzzer first would get to answer first. The point

system was followed: +20 for a correct answer and -10 for an incorrect answer. There were a total of 5 questions in each category.

The Organising Committee left no stone unturned to provide the best hospitality to the Judges and Participants alike in terms of service, catering and special requirements for the Projects. At noon, the Judges were directed to the Conference Room while the participants headed to the Samvaad Lobby where lunch was served to them. The Competitions continued with the remaining teams thereafter.

The day ended with the Valedictory Function in the Seminar Hall thanking all the Judges for the efforts taken to examine each and every Technical Paper and Project. Prof. Prasad Joshi, Dr. D.V. Bhoir and Dr. Srija Unnikrishnan gave the students insightful tips for their future endeavours. The students were all enlightened by what the professors had to say.

The Winners in each category were announced as they came up to accept their award.

Mr. Nagnath Temgire, IEEE-CRCE Chairperson and Ms. Trupti Vaity, WIE-CRCE Chairperson thanked one and all for participating in Technomania 2016 and making the event a grand success. All the participants were given Participation Certificates.

Technomania 2016 could not have been a grand success without the wholehearted support and hard work of all the Teachers, Office bearers and Volunteers. The entire event was planned and executed meticulously by the entire team of IEEE and WIE-CRCE.

Rebecca D'souza
(Event Co-ordinator, IEEE-WIE CRCE)

Garima Tripathi
(Branch Counsellor, WIECRCE)

21/03/16 Mrs. Kranti Wagle,
Branch Counsellor,
IEEE, CRCE.

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai - 400050
Phone: 022-26423841/42, Fax: 022-26516831
Website: xxxx.xxxx.org/ieb-crce, Email: ieee.crce@gmail.com

IEEE CRCE
Branch Code: STB66351

CRCE

IEEE-CRCE Student Branch

5 March 2016

To

The Security Department
Fr. Conceicao Rodrigues College of Engineering
Bandstand, Bandra (W)
Mumbai-400 050

SUBJECT: Permission to use the parking for TECHNOMANIA 2016

Dear Sir,

IEEE-CRCE in collaboration with WIE-CRCE is organizing for the 8th consecutive year, TECHNOMANIA, on 11th March 2016, as part of the academic events for the year 2015-16.

Technomania is a National Level Technical Project, Technical Paper Presentation and Technical Quiz Competition. We would require the parking space on the above mentioned date.

We assure you that utmost care will be taken that no damage will be caused to the institution. However, if any damage is caused, it will be adequately compensated.

Thanking you,

Regards,

Dr. Srija Unnikrishnan

(Principal, FrCRCE)

Mrs. Kranti Wagle

(Branch Counsellor, IEEE CRCE)

Mr. Rakesh Balasubramaniam
(Vice Chairperson, IEEE CRCE)

Volunteer List for Techtromania 2016

SR NO	NAME	CLASS
1	PRATIMA DAS	SE ELEX
2	JOHNSON ALHAT	SE ELEX
3	OSHAN PEREIRA	SE ELEX
4	JOEL MIHAVEL	SE ELEX
5	RACHEL JOSEPH	SE ELEX
6	PETER EMIL	SE ELEX
7	DAKSHATA VAZE	SE ELEX
8	ANISA TUSCANO	SE COMPS
9	ALEENA	SE COMPS
10	SILUVAI WINSTON	SE ELEX
11	PRANJAL NAIK	SE ELEX
12	GIRIJA INGOLE	SE IT
13	FRANKY NAIDU	SE COMPS
14	RUCHIRA RACHAPROLU	SE ELEX
15	FRANK FERNANDES	SE COMPS
16	THOMPSON NAIDU	SE COMPS
17	SAGARIKA RAO	SE ELEX
18	DHRUVA GAIDHANI	SE COMPS
19	MAHENDRA GHADIAGAONKAR	SE COMPS
20	NANDINI LAAD	SE COMPS
21	ABHISHEK KATELIYA	SE COMPS
22	AMOL RAMANI	FE A

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050.
Phone: 022-26423841/42, Fax: 022-26516831
Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

IEEE CRCE
Branch Code: STB60351

CRCE
SB4 60351

To

Prof. Jagruti Save
Information Technology Department
Fr. Conceicao Rodrigues College of Engineering
Bandstand, Bandra (W)

SUB: - Invitation to Judge Technical Project Competition at TECHNOMANIA 2016

Dear Madam,

Greetings from the IEEE Students' Branch of Fr. Conceicao Rodrigues College of Engineering. Our institute takes pride of being more than 25 years in existence. It is one of the most reputed engineering colleges in Mumbai University.

Our college is one of the most active student chapters of the Bombay section. Also we have had the prestige of hosting the All India Student Congress in 2010 and the IEEE/WIE branch Counsellor Meet in August, 2012. We are now in the 8th year, organizing TECHNOMANIA 2016, a National Level Technical Project, Technical Paper Presentation and Technical Quiz Competition on 11th March, 2016. This event will provide the students an opportunity to demonstrate their technical, analytical skills and presentational skills.

We will be honored to have you as one of our esteemed judges for the Technical Project Competition. We believe that your knowledge will be instrumental in the judgment of the Projects. We hope to hear from you soon.
Thanking you,

Regards,

Dr. D.V. Bhoir
(H.O.D-Electronics
Department)

Mrs. Kranti Wagle
(Branch Counsellor, IEEE
CRCE)

Mr. Navanath Temgire
(Chairperson, IEEE
CRCE)

Judge Name: Jagruti K. Sare

Room no: PCB Lab.

Branch: Computer   ~~ECAD~~ PCB Lab

PROJECT PRESENTATION

Team Unique Code	Idea <20>	Implementation + Q/A <20>	Presentation Skills <10>	Total <50>
Ticket Booking EX7438	15	10	5	30
Cross compiler PP 5509	20	20	8	48 ✓
Black box PP 512	15	15	8	38 ✓
E track PP 9832	10	10	5	25
mixer PP Elex 5016	5	5	5	15
handi litelit PP 4558	10	10	6	26

Judge Signature: Jsare   **Date:** 11/3/16

STATEMENT OF PURPOSE

I am Navanath Temgire wish to be a part of IEEE Council at FR.CRCE for a second consecutive year. I have always been sensitive towards my work, and wished to be a part of IEEE council again for this year also. I have worked for a year now in IEEE-CRCE. With this experience I wish to be the Chairperson/secretary of IEEE Council for academic year 2015-16.

I have never done this before; I have never been in lead, only because I was always shy to step forward. This time I don't want this chance to let go. And I believe that I am capable enough to do this work successfully. Frankly, I had no idea what IEEE is at the time of applying but after experiencing and organizing those events from Labstruck & solderon to Technomania, I decided that I want to do this. All this events gave me happiness and satisfaction of learning something new that I haven't done before. I wish to give my small efforts to lead the council for next year and raise the bar of council work as previous council did for academic year 2014-15.

I will give all my efforts towards IEEE Events and organize them with whole dedication. I have observed all the work for one year closely so I clearly know where and how things went wrong. I'll try my best to not repeat those mistakes in the coming year. I wish you accept my application.

Thank you.

FR. AGNEL, ISTE FACULTY CHAPTER

Report for the year 2015-2016

The office bearers for Fr. Agnel ISTE Faculty Chapter

Dr. Srija Unnikrishnan – Chairperson

Prof. Kalpana Deorukhkar – Secretary

Prof. Shilpa Patil – Treasurer

Prof. Garima Tripathi – Member

Prof. Archana Karandikar – Member

Prof. Mangesh Mohan – Member

Dr. D. V. Bhoir – Permanent Invitee

Details of the short term training programmes conducted by ISTE Chapter.

Name of Programme	Duration	No of Participants	Resource Faculty	ISTE Financed / Self Financed	Department
Accreditation and Quality Control	17th November- 21st November 2015	15	Faculties from other colleges	Self Financed	Electronics Dept
Big Data Analytics	7th December – 11th December 2015	22	Experts from Industry, Teaching Faculties from Engineering colleges	Self Financed	Electronics Dept

Prof. Vaidya Vijay Dattatray
Executive Secretary

October 16, 2015

ISTE/Proceedings/STTP-SF/2015-16

Proceedings of Executive Secretary, ISTE

Sub. : Sanction to conduct full time Short-term Training Programme on Self-financing basis for the financial year 2015-2016.

Sanction is hereby accorded to the following institution for the conduct of the programme indicated below:
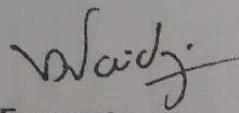
Name of Institution	:	Fr. C. Rodrigues College of Engineering Mumbai – 400 050
Topic	:	Big Data Analytics
Name & Address of Coordinators	:	Mrs. Garima Tripathi Ms. Anusha Jayasimha Asst. Professor Asst. Professor
Duration	:	One Week (Minimum 05 Working Days)
Proposed dates	:	07-12-2015 to 11-12-2015

Terms and Conditions

1. The institution offering the Programme should have an ISTE Chapter with at least 25 ISTE members as on the date of commencement of the programme.

2. Only ISTE members are allowed to attend this programme.

3. There will be no financial commitment on the part of ISTE on account of this programme.

4. The course will be full time and of duration 1week / 2 weeks / 4 weeks.

5. The proposal will be scrutinized by Experts and if approved, the approval will be communicated to the Coordinator. The Section Chairman / Executive Council Member may monitor the programme and send an independent report to ISTE Headquarters if called for. ISTE Headquarters reserves the right to decline the approval without assigning reasons.

–/-

Shaheed Jeet Singh Marg, Near Katwaria Saria, New Dehli – 110 016
Phone 91-11 26513542, 26963431, 26514234. Fax 91-11 26852421, E mail istedhq@vsnl.net, Website www.isteonline

Page 423

7. The registration fee of the participants may be fixed by the host institution.

8. Within 15 days after completion of the Programme the final report including list of participants (with their ISTE Membership Number of filled up application forms for ISTE membership with requisite fee), schedule of the programme with dates, copy of the certificate issued and copy of course notes must be sent to ISTE Headquarters alongwith processing & operational charges as mentioned in point 6 above. via DD in favour of "**ISTE**" New Delhi.

9. The Certificate may be issued by the Head of the host institution quoting ISTE Sanction Order. The certificate should contain the ISTE emblem at the top and should read "This is to certify that _____attended a short term course on_____ sponsored by ISTE during _____at_____."

Executive Secretary

To,

Dr. Srija Unnikrishnan
Principal
Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandra (West)
Mumbai – 400 050
Maharashtra State

Copy to :

Prof. Garima Tripathi
Coordinator
Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandra (West)
Mumbai – 400 050
Maharashtra State

FR. AGNEL ISTE CHAPTER, FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Fr. Agnel Ashram, Bandra (West), Mumbai - 400 050

Statement showing Income & Expenditure of ISTE/STTP organised by Dept of Information Technology during 07/12/2015 to 11/12/2015 on "Big Data Analytics"

RECEIPTS	Amount (Rs)	PAYMENT	Amount (Rs)
Op Bank Balance	87,191.15	Honorarium to the speakers	50,000.00
Registration Fees		Food Exp	38,433.00
14 ISTE Members @ Rs. 5000/-	70,000.00	Conveyance / Other exp	4,331.00
8 Non - ISTE Members @ Rs. 5000/-	40,000.00	ISTE processing fees	2,100.00
		ISTE Registration fees	500.00
		Cl. Bank Balance	101,827.15
TOTAL	197,191.15	TOTAL	197,191.15

Garima Tripathi
Treasurer

Anusha Jayasimhan
Programme Officer
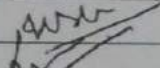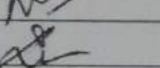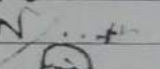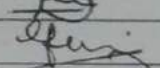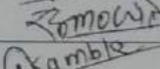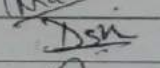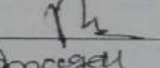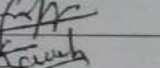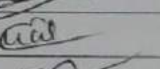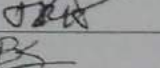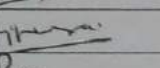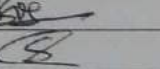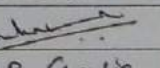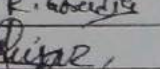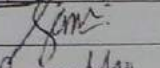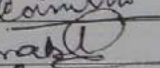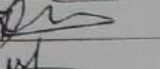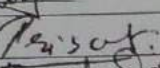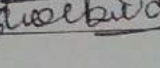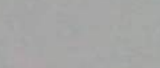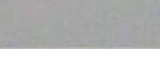
Dr. Srija Unnikrishnan
PRINCIPAL
FR. CONCEICAO RODRIGUES
COLLEGE OF ENGINEERING
FR. AGNEL ASHRAM
BANDRA, MUMBAI-400 050

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

2-Days Faculty Development Program
"Intellectual Property Rights"

Attendance Sheet (Day – 2)

Date: 06th Feb. 2016

Sr. No.	Name of the Participant	Signature
1.	Ketaki N. Joshi	
2.	Langade Sandip P.	
3.	Deepika Singh	
4.	Rao V.B.	
5.	Dipali Bhoje	
6.	Gauren Chikno	
7.	Romesh A. Mohite.	Romesh
8.	Neeraj Bhimrao Kamble	Kamble
9.	Dhanashree Satyawon Raorane	Dsh
10.	Priyanka P. Kulkarni	
11.	Niraja Dnyaneshwar Magar	Dmagar
12.	Prathamesh S. Tendulkar	
13.	Mohammad Javed.	
14.	Shaikh Abusufyan S.	
15.	Onkar Potadar	
16.	Tejashri R Kulkarni	
17.	Prasad Kanade	
18.	Hitendra Vaishnav	Hitesh
19.	Dr. V. S. Bilolikar	
20.	Shubham Shah	
21.	NITIN UNNITHAN	
22.	Vaibhav R Goradia	V.R. Goradia
23.	R Rupaz Chenkara	Rupe.
24.	Sameer Zore	
25.	Milson Camillo	
26.	PRABLEEN SINGH KOHLI	Prabl
27.	Ansari Tanveer	
28.	Heeranand B. Vhangade	
29.	Priya B. Vhangade	Priyat
30.	Shoeb Walele	streetwala

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

2-Days Faculty Development Program
"Intellectual Property Rights"

Attendance Sheet (Day – 2)

Date: 06th Feb. 2016

Sr. No.	Name of the Participant	Signature
31.	Geetha Subramanian	
32.	M. KIRUTHIKA	6/2/16 MK 6/2/16
33.	Dr. Vasim A. Shaikh	Shaikh
34.	SRISHTI R. PARMAR	
35.	Dr. Bhushan T. Pahl	
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Feedback for 2-Days Faculty Development Program on
"Intellectual Property Rights"

1. Name of Participant

   Tejashri R. kulkarni

2. Are you satisfied with content of the course?
   - ✓ Very Much Satisfied
   - Satisfied to some extent
   - Not satisfied at all
   - Can't Say

3. Do you find content of this programme useful for you?
   - ✓ To great extent
   - To some extent
   - Not useful
   - Can't Say

4. Are you satisfied with level of interaction between course instructors and you?
   - ✓ To great extent
   - To some extent
   - Notmuch interactive
   - Can't Say

5. Are you satisfied with other arrangements like breakfast,lunch--etc?
   - ✓ To great extent
   - To some extent
   - Not satisfied
   - Can't Say

6. Please rate this programme on 1-5 Scale-
   - 1
   - 2
   - 3
   - ✓ 4
   - 5

7. Any other comments/suggestions for the improvement of the programme:

   "Intellectual property Rights" programme should have to part of include in syllabus & ft wfu should be charge free, for student.

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

2-Days Faculty Development Program
"Intellectual Property Rights"

Attendance Sheet (Day – 1)

Date: 05th Feb. 2016

Sr. No.	Name of the Participant	Signature
1.	Vaibhav R Gosadia	V R Gosadia
2.	NITIN UNNITHAN	
3.	CHENKARA MOHAMMED RIYAZ.	Riyaz.
4.	SHUBHAM SHAH	S
5.	AKHIL VARGHESE	
6.	Shoeb Walele	Slockdele
7.	Tejashri R Kulkarni	JPR
8.	Priya B. Vhangade	Priyay.
9.	Nandane Prabhu	Npm
10.	Mohan Cawalhi	Mcavalhu
11.	Ansari Tanveer	
12.	PRABLEEN SINGH KOHLI	Prableen
13.	onkar Potadar	obed
14.	Priyanka P. Kulkarni.	Th
15.	Dhanashree Raorane	DSn
16.	Niraja D. Magar	Amagar.
17.	Prathamesh S. Tendulkar	S
18.	Ramesh A. Mohite	BMOHIA
19.	Shehzad Shaikh.	BD
20.	SONAWANE AKSHAY	
21.	Gaurav Thikru	
22.	Seema Talmale	Talnde
23.	Prasad Dhede	Dedel
24.	SRISHTI RANJITSINGH PARMAR.	Srishti.
25.	NEERAJ BHIMRAO KAMBLE	Kamble
26.	VHANGADE HEERANAND B	Huf
27.	JWALLANT PARMAR	JPa
28.	Vidhan chudasama	Chudosams
29.	Parth J. Shah	Parth
30.	Adwait Pendse	Aut.

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

2-Days Faculty Development Program
"Intellectual Property Rights"

Attendance Sheet (Day – 1)

Date: 05th Feb. 2016

Sr. No.	Name of the Participant	Signature
31.	Chitrang Narkar	Narkar
32.	JUBIN JOHN	
33.	Saurabh Kulkarni	
34.	Saurabh Mehta	
35.	Somesh Rupawate	
36.	RISHABH. PAREKH	
37.	M. KIRUTHIKA	
38.	Shreyas Raut	
39.	VS Dhapur	
40.	Sameer B. Zore	
41.	Langade SP	
42.	Rao V. B.	
43.	Gulla Subramanian	
44.	Priya. B Vhangade	
45.	PRABLEEN SINGH KOHLI	Prabh
46.	Ansari Tanveer	
47.	Deepika Singh	
48.	Ketaki Joshi	
49.	Dipali Bhise	
50.	Hitendra Vaishnav	Hitendra
51.	Prasad Kawade	
52.	Dr. Bhushan T. Patil	
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Our College offers Bachelor Degree courses in Production Engineering, Electronics Engineering, Computer Engineering and Information Technology. The college also offers Masters in Electronics Engineering and Mechanical - CAD/CAM along with Doctoral (Ph.D) courses in Electronics and Mechanical Engineering. The college is located at Bandstand, Bandra in a picturesque environment surrounded by the Arabian Sea. The Institute is approved by AICTE and affiliated to University of Mumbai.

▶ **Participant Registration :**

Note: Participants are requested to be present 15 minutes before the start of the Day session.

Registration Form for FDP on Intellectual Property Rights

Participant Name :	HITENDRA B. VAISHNAV
Organization :	Fr. CRCE
Address for Communication :	B/104, EC-29, SAI-SENA. EVERSHINE CITY, VASAI(E)
Contact Nos. :	9823717305
Email Address. :	hitendra.vaishnav@fragnel.edu.in
Web-page :	
	Cheque / DD details
Amount Paid :	(CASH) 1500/-
Cheque / DD no. :	
Date :	4/02/2016
Bank Details :	

TIME TABLE for FDP on "Intellectual Property Rights"

Day & Date	Schedule	Activity / Topic
	9.30 AM	Registration
	9.45 AM	Inauguration
	10.00 AM	Tea Break
	10.15 – 1.00 PM	Introduction to IPR
		Understanding of Patents, Trademarks, Copyrights, and Industrial Designs(India)
		Patentability Criteria and Case-study
		IP Mgmt, Working on examples using workbook
		Q/A session
Day 1 (05th Feb. 2016) Friday	1.00 – 2.00 PM	LUNCH
	2.00 – 3.00 PM	What is Prior Art?
		Novelty and Public Knowledge
		Suggestion and Anticipations
		Patent Life Cycle (India)
		Synergy between Patent and Design Protection
	3.00 – 3.15 PM	TEA- BREAK
	3.15 – 4.30 PM	International Patent Protection
		Patent Co-operation Treaty (PCT)
		Precaution to avoid possible infringement
		How to decide a required IP protection
		Q/A session
	9.45 AM	Tea
	10.0 - 1.00 PM	Introduction to IP
		Patents and Copyrights in Academic Environment
Day 2 (06th Feb. 2016) Saturday	1.00 – 2.00 PM	LUNCH
	2.00 – 4.00 PM	How IP policy is setup in Academic Environment
		IP for research
		Technology Transfer
	4.00 – 4.30 PM	Valedictory Function
		Program Closure

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

Phone: **022 – 67114111**   Visit us at : **www. frcrce.ac.in**

2-Days Training Program
on

"Simulation of Manufacturing Systems"

13th March 2015 – 14th March 2015

Organized by:

Fr. Conceicao Rodrigues College of Engineering

In association with

Indian Institution of Industrial Engineering

(Mumbai Chapter)

About the Institute :-

Fr. Conceicao Rodrigues College of Engineering (CRCE), Mumbai is an 'A' grade college established in 1984 by the Society of St. Francis Xavier, and is named after its founder Late Fr. Conceicao Rodrigues.

Our College offers Bachelor Degree courses in Production Engineering, Computer Engineering and Information Technology. The Electronics Engineering and CAD/CAM. The college also offers Masters in Electronics Engineering and CAD/CAM. The college is located at Bandstand, Bandra in a picturesque environment surrounded by the Arabian Sea. The Institute is approved by AICTE and affiliated to University of Mumbai.

About IIIE :-

Established in 1957, IIIE has been consistently doing extensive and pioneering work in disseminating, fostering, developing and advancing the discipline and profession of Industrial Engineering in India.

▶ Course Coverage and Schedule :- (Venue: Mfg. Simulation Lab)

Note: Participants will be trained to simulate a Manufacturing System using Arena Software to model a virtual factory and to solve problems like – to model throughput, lead time Inventory, Queuing & Scheduling, Material Handling Systems etc.

Day & Date	Schedule	Activity / Topic
Day 1 (13ᵗʰ March 2015)	10.00 am – 10.30 am	Inauguration
	10.30 am – 10.45 am	Tea-Break
	10.45 am - 01.00 pm	Introduction to Mfg. Systems, Arena software
	01.00 pm - 02.00 pm	Lunch
	02.00 pm - 04.00 pm	Hands-on practical sessions (Arena)
Day 2 (14ᵗʰ March 2015)	10.30 am – 10.45 am	Tea
	10.45 am - 01.00 pm	Hands-on practical session on Advanced Manufacturing Processes
	01.00 pm - 02.00 pm	Lunch
	02.00 pm - 04.00 pm	Hands-on practical sessions on model building and Optimization Followed by Valedictory function

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Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, Bandstand, Bandra (W) - 400050

Phone: 022 – 67114111 Visit us at : www.frcrce.ac.in

▶ Participant Registration :- (Venue: Mfg. Simulation Lab)
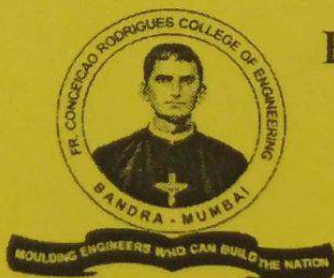
Note: Participants are requested to be present 15 minutes before the start of the Day session

Registration Form

Participant Name	
Organization	
Address for Communication	
Email Address.	
Contact Nos.	
Web-page	
Amount Paid	
Cheque / DD no.	Cheque / DD details
Date	
Bank Details	
	Other Details ,if any

Target Audience:-

- Faculty of Engineering degree from Production, Automobile, Mechanical, Industrial & Information Technology.
- **ME and PhD** students from Production, Automobile, Mechanical, Industrial & Information Technology.
- **Professionals from Industry** interested in area of simulation of manufacturing systems.

How to Register:-

- Demand Draft/ Cheque of Rs. **1,500** for students and Rs. **2,500** for others, in favour of
  "Principal, Fr. C.R. College of Engineering"
- Registration form to be filled as provided in brochure,
- The above should reach us to the following address :
  The Principal,
  Fr. Conceicao Rodrigues College of Engg,
  Fr.Agnel Ashram, Bandstand, Bandra (W)
  Mumbai . Pin: 400 050
  Maharashtra State.

Our Patrons: -

Rev. Fr. F. Diniz (Local Superior)
Rev. Fr. Victor Rebello (Director)
Dr. Srija Unnikrishnan (Principal)

Program Co-ordinators:-

1. **Prof. D.S.S.Sudhakar** (HOD – Production) 9820620243
   Email : sudhakar@frcrce.ac.in
2. Dr. B.T. Patil (9820369797) bhushan.patil@frcrce.ac.in
3. Prof. V.S.Jorapur (9869288147) jorapur@frcrce.ac.in

2-Days Faculty Development Program
on
"Simulation of Manufacturing Systems"
13th March 2015 – 14th March 2015

REGISTRATION

Sr. No.	Participants Name	Organization	Contact Number	E-mail ID	Amt Paid	Cheque /DD No	Date	Bank Details	Sign
1	Mr.Manojkumar Dhawade	LTCE, Navi Mumbai	8452885507	dhawademanoj25@gmail.com	2500	21822	9/3/2015	Central bank of India,Kamothe,navi mumbai	
2	Ms.Archana Darandale	LTCE, Navi Mumbai	8097108266	archana2t8@gmail.com	2500	21822	9/3/2015	Central bank of India,Kamothe,navi mumbai	
3	Mrs.Ketaki Narendra Joshi	FRCRCE, Bandra	9833192523	ketakinj@gmail.com	2500	15481	9/3/2015	Corporation Bank,Bandra West	
4	Miss.Dipali Kisan Bhise	FRCRCE, Bandra	9930388048	dkbhise@gmail.com	1500	45724	9/3/2015	Corporation Bank,Bandra West	
5	Deepak Devasagayam	FCRIT, Navi Mumbai	9920827263	ddeva001@gmail.com	2500	798462	11/03/2015	Indian Overseas Bank, Vashi	
6	G.Vijay Potaday	LTCE, Navi Mumbai	8080213133	onkarhub.ts@gmail.com	1500	CASH	13/03/15		
7	B.M. Veerabhadravao	Fr.CRCE	9892661369	miriyala.v@frcrce.ac.in	1500	CASH	13/03/15	Sponsored	
8	Prashant Jadav	Fr.CRCE	9222108311	prashantjadhav@yahoo	1500	Cash	13/3/15	Sponsored	
9	Rishi Singhania	SFIT, Borivali	9920910855	Singhaniarishi.rs@gmail.com	2500	Cheque	13/3/15	Bank of Maharaostra	
10		Fr.CRCE Bandra	9920091827	ruthol87-fellow@yahoo.com	1500		13/3/15		
11	Pravin N.chikme	Fr.CRCE Band	9702194203	pravinchikme@gmail.com	1500	cash	13/3/15		
12	Rohit Dholepatil	Fr.CRCE Bandra	9923564476	dholepatilrohit1991.vd@gmail.com	1500	cash	13/03/15		
13	Aniruddh Sonde	Fr.CRCE Band	7028087087	aniruddhsonde@gmail.com	1500	cheque	13/03/15	HDFC	
14	Nikhil Vaidya	Fr.CRCE Ba	8879228533	nikhil83@gmail.com	1500	058719	13/03/15	Bank of Maha.	
15	Piya Vhongacle	Fr.CRCE, Bombra	9503352293	piyavhongacle@gmail.com	1500	054116	13/3/15	Bank of Maha	

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2-Days Faculty Development Program
on
"Simulation of Manufacturing Systems"
13th March 2015 – 14th March 2015

REGISTRATION

Sr. No	Participants Name	Organization	Contact Number	E-mail ID	Amt Paid	Cheque /DD No	Date	Bank Details	Sign
16	SAKIB SARGUROH	FRCRCE	8879432651	sakibgs@gmail.com	1500/-	681122	13/3/15	SBI, Seawoods	
17	Renuka Patil	FtCRCE	8879971647	it-is-renuka@...	1500/- (17D)-Cash	—			
18	Mohd Asif Gandhi	AIKTc	9892128261	masifgandhi@gmail.com	2500/-	000749	09/3/15	DCB,	
19	Megha Jambandhu	SPCE	9619865585	mjambandhu@spce.ac.in	2500/-	850579	13/3/15	Indian Bank	
20	Lalit mehta	FCRCE	—		—				—
21									
22	Archana D	EtCOE	8087404044	—	—				—
23	A.P. lole	RAIT	9819162346	ajinkyalal@gmail	2500/- 800100	B/5/17		Bank of Maharashtra	
24	M. Rajwade	DBIT	9819636133	mrrmrohesh@gmail.com	2500/-	085281	13/3/15	Axis Bank	
25	B.S.Dasa	FrCRCE						Sponsored	
28	Tejshri P. Kulkarni	FRRCE	8805080851	tejshrikulkarni73@gmail.com	1500/-	Cash	13/3/15	—	
26	PRASAD LALIT	FR-CRCE	9340447234	prasad@frcrce.in	—	—	13/3/15	— Sponsored	* form not filled.
27									
28									
29									
30									

Annexure-1

STTP on "Accreditation & Quality Assurance" Nov 17-21,2014

List of Participants

Sr. No	Name of participant	Address	Email id	Phone No
1	Mr.Rajendra .S Khavekar	DJ Sanghvi COE	khrajendra@rediffmail.com	9892168524
2	Ms.Chanchalani Shweta	Shivajiraon S Jondhle polytechnique,A Asangaon	Shwet_chanchlani@yahoo.co.in	9096065836
3	Ms.Maduri Rodge	SSJCET,Asangaon	madhuri.rodge@ rediffmail.com	8689972999
4	Ms.Anusha Jaysimhan	FRCRCE,BANDRA	anusha.jai@gmail.com	9930207809
5	Ms.Deblina Saha	FRCRCE,BANDRA	dshah@frcrce.ac.in	8097086998
6	Dr.Sunil Yadav	FRCRCE,BANDRA	Dr.sunily@ymail.com	8652805122
7	Dr.K.R.Jadav	Bharati vidyapeeth COE,Belapur	Krj24@rediffmail.com	9819060675
8	Dr.C.Jayaramulu	FRCRCE,BANDRA	Jararamulu123@gmail.com	9029382069
9	Ms.Sangeeta Parshinonkar	FRCRCE,BANDRA	sangeeta@frcrce.ac.in	9869400891
10	Ms.Sonali J Mane	BVCOE,Navi Mumbai	Sonalijmane9@gmail.com	9869479800
11	Ms.Prajakta Dhamanskar	FRCRCE,BANDRA	Prajakta.dhamanskar@frcece.ac.in	9867625188
12	Ms.Swati Ringe	FRCRCE,BANDRA	swati@frcrce.ac.in	9869841549
13	Ms.Kalpana Deorukhakar	FRCRCE,BANDRA	kalpanas@frcrce.ac.in	9930273053
14	Ms.Shilpa Patil	FRCRCE,BANDRA	shilpa@frcrce.ac.in	9167262644
15	Mr.Anant Tarse	FRCRCE,BANDRA	antarse2007@yahoo.co.in	9702278448

Annexure-III

Schedule for One week STTP ISTE workshop on "Accreditation and Quality Assurance"

Date	9.15-9.45	9.45-11.15	11.30-1.00	1.00-1.30	1.30-3.00	3.00-4.00
Day 1 17/11/14	Inauguration	Keynote : Outcome based Accreditation Process **Dr. Shubha Pandit**	Articulation and measurement of Vision, Mission, PEOs **Dr. Sunil Surve**	L	Articulation and measurement of Vision, Mission, PEOs **Dr. Sunil Surve**	Accreditation Criteria by ABET and NBA **Dr.Suhas Joshi**
Day 2 18/11/14	Breakfast	Articulation and measurement of COs **Dr. S.S. Rathod**	Articulation and measurement of COs **Dr. S.S. Rathod**	U	Presentation of task by individual Participants related to workshop Outcomes 3 & 6 **Dr. S.S. Rathod**	
Day 3 19/11/14	Breakfast	Articulation and measurement of POs **Dr. S. M. Khot**	NBA accreditation process **Dr. J. Aghav**	N	Presentation of task by individual Participants related to workshop Outcomes 4 & 5 **Prof. Jagruti Save**	
Day 4 20/11/14	Breakfast	Accreditation Process **Dr. Uma Rao**	Programme curriculum, Facilities and technical support and continuous improvement **Dr. Kalbande**	C	Presentation of Task to participants related to workshop outcomes 7 **Dr. Kalbande**	
Day 5 21/11/14	Breakfast	Faculty and Student Contribution for Teaching Learning Process **Dr.Prachi Gharpure**	Assessment Of SAR **Dr. Kalbande & Dr. S.S. Rathod**	H	Assessment Of SAR **Dr. Kalbande & Dr. S.S. Rathod**	Valedictory function

Department of Electronics Engineering

Fr.Conceicao Rodrigues College of

Engineering, Bandra

One Week ISTE approved STTP on

Accreditation & Quality Assurance "Outcome Based Education"

November 17-21, 2014

Co-ordinators Report

One Week ISTE approved STTP on

Accreditation & Quality Assurance "Outcome Based Education"

November 17-21, 2014

Convener

Dr.D.V Bhoir

(Head of Dept.Of Electronics Engineering)

Co-ordinators

Prof. Sushma Nagdeote

Prof. Binsy Joseph

Objective:-

The objective of this workshop is to provide a platform to understand accreditation process and the related documentation process. An outcomes-based approach to education clearly specifies what students are expected to learn and arranges the curriculum so that these intended outcomes are achieved. Learning outcomes provide the base for an effectively aligned and integrated curriculum, where instructional activities and assessment strategies are explicitly linked to course-specific and degree-level learning outcomes, which are tied to institutional and provincially-defined graduate degree level expectations (DLEs). Impact of accreditation goes far beyond quality assurance of an Institution/ Programme. It also facilitates translational recognition of degrees and mobility of graduates and professionals.

Important Dates:

Last Date for Registration: 14 Nov, 2014

Date of Seminar   17 – 21 Nov, 2014

Participants:

We received 15 faculty members from various colleges. Details are given in Annexure 1.

Programme Details:

The workshop was inaugurated on 17th Nov,2014 at 9.45 am by Dr. Shubha Pandit, Principal, KJSCOE, Vidyavihar. Fr. F. Diniz, local chairman Fr. Agnel Complex Bandra, Dr. Srija Unnikrishnan, Principal, Fr.CRCE, Bandra and Dr. D. V Bhoir, Head of Electronics Department also addressed the participants at the inaugural function.

Day 1:17th Nov, 2014

Keynote speech on "Overview of Outcome Based Education" was delivered by Dr Shubha Pandit Principal, KJSCOE, Vidyavihar from 10.00 am-11.15am.She introduced the participants the need of NBA's accreditation and its relevance.

Dr.Sunil Surve, HOD, Computer Engg, FR.CRCE,Bandra delivered session on "Articulation & measurement of Vision, Mission and PEOs "from 11.30 am-1pm. He also conducted Hands on session on above topic from 1.30pm-3pm.

Dr.Suhas Joshi, IIT Bombay delivered session on "Accreditation criteria by ABET and NBA from 3.00pm -5.00pm .

Day 2:18th Nov, 2014

Dr. S. S Rathod, HOD, Electronics Engg ,FR.CRCE, Bandra delivered session on "Articulation & measurement of COs "from 9.45 am-11.15am. He also conducted Hands on session on above topic from 1.30pm-5.00pm.

Dr. J. Aghav, COE, Pune delivered session on "Accreditation process of NBA" from 11.30am -1.00pm.

Day 3:19th Nov, 2014

Dr. S. M Khot, HOD, Mechanical Engg, FR.CRIT, Vashi delivered session on "Articulation & measurement of POs" from 9 am-11.15am .

Dr.Sunil Surve, HOD,Computer Engg.,FR.CRCE,Bandra delivered session on "measurement of POs and mapping "from 11.30 am-1pm.

Dr. Jagruti Save, Associate Professor, IT Dept, FR.CRCE, Bandra delivered Hands on session on "Direct and indirect assessment methods and rubrics used to measure PEOs, POs and COs" from 1.30 pm-4pm.

Day 4:20th Nov, 2014

Dr. Uma Rao, Principal, SAKCOE, Mumbai delivered session on "My Experiences on Accreditation Process" from 9.45 am-11.15am.

Dr. Kalbande, HOD,Computer Engg., SPIT, Andheri delivered session on "Programme curriculum, facilities and continuous improvement" from 11.30 am-1pm. He also conducted Hands on session on above topic from 1.30pm-5pm.

Day 5:21st Nov, 2014

Dr.Prachi Gharpure,Principal ,SPIT,Mumbai delivered session on "Faculty and Student Contribution for Teaching Learning Process " from 9.45 am-11.15am .

Dr.S.S Rathod and Dr.Kalbande ,SPIT,Andheri delivered session on "Accessment of SAR Report from 11.30 am-1pm. They also conducted Hands on session on above topic from 1.30pm-5pm.

After this in the validatory function, certificates were distributed to the participants by Dr.D.V Bhoir , Dr.S.S Rathod and Dr.Kalbande .

The programme concluded with vote of thanks by the coordinators.

ACKNOWLEDGEMENT :

The coordinators of the workshop convey their sincere thanks for the help, commitment and dedication of all the faculty and supporting staff of CRCE for their timely support and assistance in organizing this event.

The coordinators wish to place on record their appreciation of the significant contribution and cooperation rendered by all the expert speakers for the smooth coordination of the programme.

Last but not the least, we wish to thank all our participants for being a part of this event and make it a success.

Coordinators:

Prof. Sushma Nagdeote   Prof. Binsy Joseph

Dr. S. Basil Gnanappa
Executive Secretary

भारतीय तकनीकी शिक्षा संस्था
INDIAN SOCIETY FOR TECHNICAL EDUCATION
(Under the Societies' Registration Act XXI of 1860)

ISTE/Proceedings/STTP-SF/2014-15 October 20, 2014

Proceedings of Executive Secretary, ISTE

Sub. : Sanction to conduct full time Short-term Training Programme on Self-financing basis for the financial year 2014-2015.

Sanction is hereby accorded to the following institution for the conduct of the programme indicated below:

Name of Institution	:	Fr. Conceicao Rodrigues College of Engg. Mumbai – 400 050
Topic	:	Accreditation & Quality Assurance, "Outcome Based Evaluation System"
Name & Address of Coordinators	:	Ms. Sushma N. Ms. Binsy Joseph Asst. Prof. Asst. Prof.
Duration	:	One Week (Minimum 05 Working Days)
Proposed dates	:	17-11-2014 to 21-11-2014

Terms and Conditions

1. The institution offering the Programme should have an ISTE Chapter with at least 25 ISTE members as on the date of commencement of the programme.

2. Only ISTE members are allowed to attend this programme.

3. There will be no financial commitment on the part of ISTE on account of this programme.

4. The course will be full time and of duration 1week / 2 weeks / 4 weeks.

5. The proposal will be scrutinized by Experts and if approved, the approval will be communicated to the Coordinator. The Section Chairman / Executive Council Member may monitor the programme and send an independent report to ISTE Headquarters if called for. ISTE Headquarters reserves the right to decline the approval without assigning reasons.

--/-

Shaheed Jeet Singh Marg, Near Katwaria Saria, New Dehli – 110 016
Phone: 91-11 26513542, 26963431, 26514234, Fax: 91-11 26852421, E mail: istedhq@vsnl.net, Website: www.isteonline.in

6. A processing & operational charges of Rs.150/- per participant is to be paid to ISTE Headquarters along with the final report mentioned in Item 8 below. This is about 15% of the operational charges of Rs.1050/- per participant fixed by AICTE for Summer / Winter Schools to meet this processing and operational expenses.

7. The registration fee of the participants may be fixed by the host institution.

8. Within 15 days after completion of the Programme the final report including list of participants (with their ISTE Membership Number of filled up application forms for ISTE membership with requisite fee), schedule of the programme with dates, copy of the certificate issued and copy of course notes must be sent to ISTE Headquarters alongwith processing & operational charges as mentioned in point 6 above. via DD in favour of "ISTE" New Delhi.

9. The Certificate may be issued by the Head of the host institution quoting ISTE Sanction Order. The certificate should contain the ISTE emblem at the top and should read "This is to certify that _____attended a short term course on_____ sponsored by ISTE during _____at_____.

Executive Secretary

To,

Dr. Srija Unnikrishnan
Principal
Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandra (West)
Mumbai – 400 050
Maharashtra State

Copy to :

Ms. Sushma Nagdeote
Coordinator
Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandra (West)
Mumbai – 400 050
Maharashtra State

FR. AGNEL ISTE CHAPTER, FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Fr. Agnel Ashram, Bandra (West), Mumbai - 400 050

Statement showing Income & Expenditure of ISTE/STTP organised by Dept of Electronics Engineeing during 17/11/2014 to 21/11/2014 on "Accreditation and Quality Assurance"

RECEIPTS	Amount (Rs)	PAYMENT	Amount (Rs)
Op Bank Balance	53,013.15	Honorarium to the speakers	26,100.00
Registration Fees		Food Exp	21,556.00
15 Members @ Rs. 4000/-	60,000.00	Conveyance / Other exp	4,961.00
		ISTE processing fees	2,250.00
		Cl. Bank Balance	58,146.15
TOTAL	113,013.15	TOTAL	13,013.15

V.S. Jorapur
Treasurer

Sushma Nagdeote
Programme Officer

Dr. Srija Unnikrishnan
PRINCIPAL

Report

of
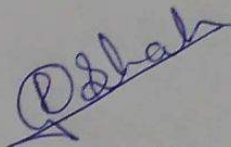
Two Day Workshop

on

"Challenges in VLSI Design"

(March 13 - 14, 2015)

By
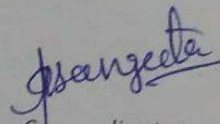
Department Of Electronics

Fr. Conceicao Rodrigues College Of Engineering, Bandra

Co – ordinator

Co – ordinator

Convener

Dr. D.V. Bhoir
(Head of Electronics Department)

Prof. Parshvi Shah

Prof. Sangeeta Parshionikar

Objective:

This workshop was aimed and designed to provide a better exposure for the faculty handling VLSI Design courses. With this FDP, we intend to cover topics from Basic VLSI Design to Mixed signal VLSI design courses to the faculty and students. The main objectives of the workshop is:

- To equip faculty to prepare for topics in the revised syllabus of VLSI design
- To familiarize faculty with concepts related to digital, analog and mixed signal VLSI design
- To help faculty to design experiments for the related courses

Important Dates:

Last date of receiving confirmation from participants and registration: 14th March 2015

Participants:

We received 36 registrations. Details are given in attached document.

Arrangements:

Breakfast, tea and Lunch were arranged for all the members reported for the program on both the days. Participants were given folder, pen, writing pad and the soft copy of all the presentations was mailed to them.

Programme Details:

The workshop was inaugurated on 13th March 2015 at 9:30am by Rev. Fr. Victor. Dr. SrijaUnnikrishnan, Principal of Fr. CRCE, Dr. D.V. Bhoir, Head of Electronics Dept. and the speaker of the day one, Dr. S. S. Rathod, Head of Electronics Department, SPIT Andheri. Fr. Victor, Prinipal Dr. Srija U. and Dr. D.V. Bhoir addressed the participants at the inaugural function.

Immediately after the inaugural function, **Dr. S.S. Rathod** started the session on "*Fundamentals of MOSFETs*". Further he continued with "*Static and Dynamic analysis of Inverter*".

The post lunch session was conducted by Dr. S.S. Rathod on "*MOS Design styles*". This session was followed by *practical session on Digital circuits*. **LTSpice simulator** was used for practicals.
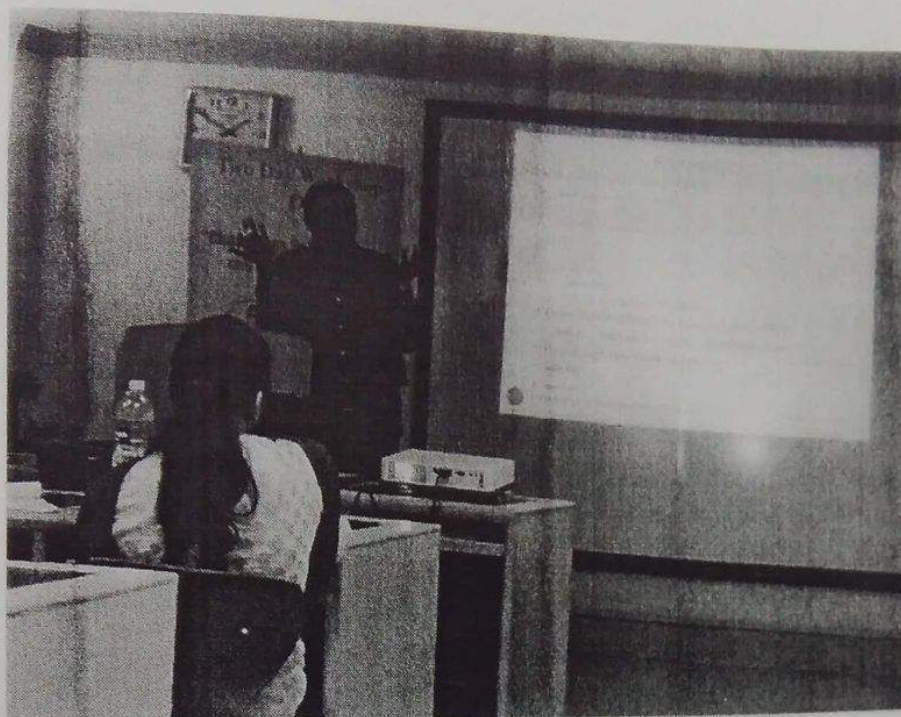
The second day started with invitee talk on *"Mixed signal VLSI Design"* by **Dr. Maryam Shojaei Baghini,** Associate Professor, Electrical Engineering Department, IIT Bombay.
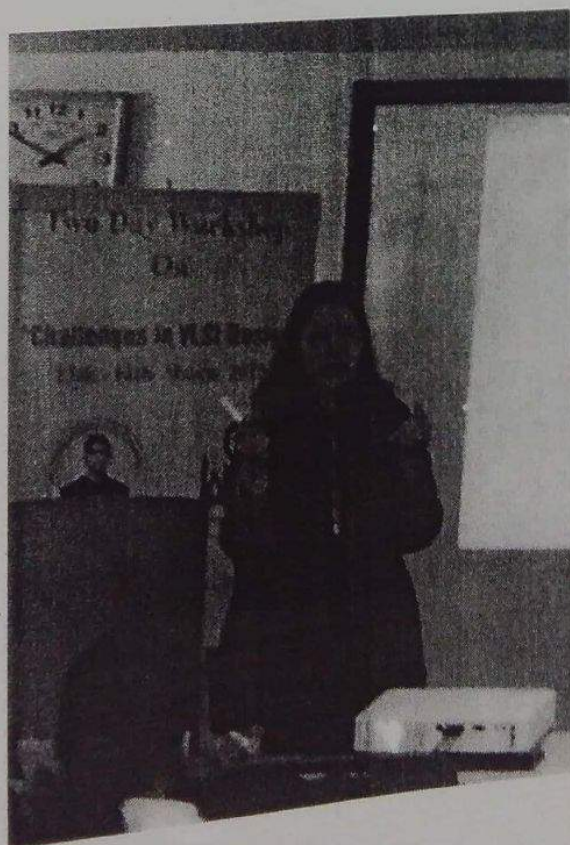
The next session was conducted by *Dr. S.S. Rathod* on *CMOS Analog VLSI Design*.

LABSTRUKC & SOLDERON '14

23rd, 24th July || Fr. CRCE, Bandra

As part of the events for the academic year 2014-15, IEEE-CRCE organized its first technical workshop-Labstrukc & Soderon. This was mainly directed towards the Second Year Students to acquaint them with the various Electrical Instruments used in the Lab.

It was a two day workshop, held on 23rd and 24th July from 1:30pm to 4:30pm. The event saw a turnover of 25 students on both days. It was conducted in the Digital Electronics lab (Room 303) and Circuits and Power Electronics Lab (Room 302) of the college.

Day 1: At 1:30 the students entered the Circuits and Power Electronics Lab and a brief introduction about IEEE-CRCE and the purpose of the event was given by VCPs, Mr. Aditya Prabhu and Mr Adil Shaikh . To begin with the workshop, attendance was taken and students were given notes for their future reference that explained the functions of the instruments that would be explained to them during the course of the event. Mr. Chirag Pooniwala, the Technical Head, began explaining the Regulated Power Supply Units and Multimeter. The students listened carefully as he explained the functions of each knob present on the instruments. 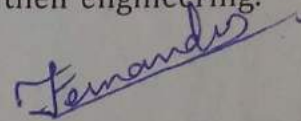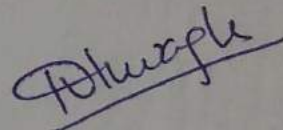Later, Mr. Ankush Lagad, Technical Head, explained the Bread-Board and gave information about the various components that were included in their circuits. Next, the students were each given a set of components and a breadboard to make the circuit. Few of the students were sent to the Digital Electronics Lab due to lack of space in Room 302. They began making the circuit on the Bread-board while the Council members supervised and helped the students if they had any doubts or difficulties. Once everyone's circuit was working the students were asked to assemble again and were given instructions for soldering. The basic techniques and precautions were also spoken about. Students were provided with a soldering iron and a stand and then told to return to their places for soldering the components onto the PCB. IEEE members kept a close watch on each of them while soldering. After soldering the main components onto the PCB they were sent home.

Day 2- In continuation to the previous day, the students were instructed to complete soldering their circuits carefully. Many were successful in completing the circuits and making the LED flicker. About two hours later, they were called again to Room 302 where Mr. Chirag Pooniwala explained the functions and working of the CRO and Function Generator. The different waveforms were also displayed with the help of the CRO. Those who were not able to complete the soldering of the circuits went back to their places and did so while the rest were made to operate the CRO and have a close look at it. When all were done, the students were briefed about the benefits of IEEE membership and their experiences by the VCP-Mr. Adil Shaikh, the Public Relations Head-Mr. Aditya Ayri and Membership Development Oficers-Mr. Anup Pujari and Mr. Mayur Shirke. Students were

then given certificates for their participation in the workshop. Before leaving, Mr. Chirag Pooniwala then briefed them about the next workshop that would be conducted-Obstacle Avoiding Robot. A demonstration of the Robot was also given. The students were captivated by the demo and left whilst discussing about it. They left with the satisfaction of learning something new which will help them in due course of their engineering.

Tansy Fernandes
SE Representative (IEEE-WIE)

Mrs. Kranti Wagle.
Branch Counsellor
IEEE- CRCE

SEMINAR ON SINGLE PHOTON COUNTING AND IMAGE SENSORS
13 February 2015 || Fr. CRCE, Bandra
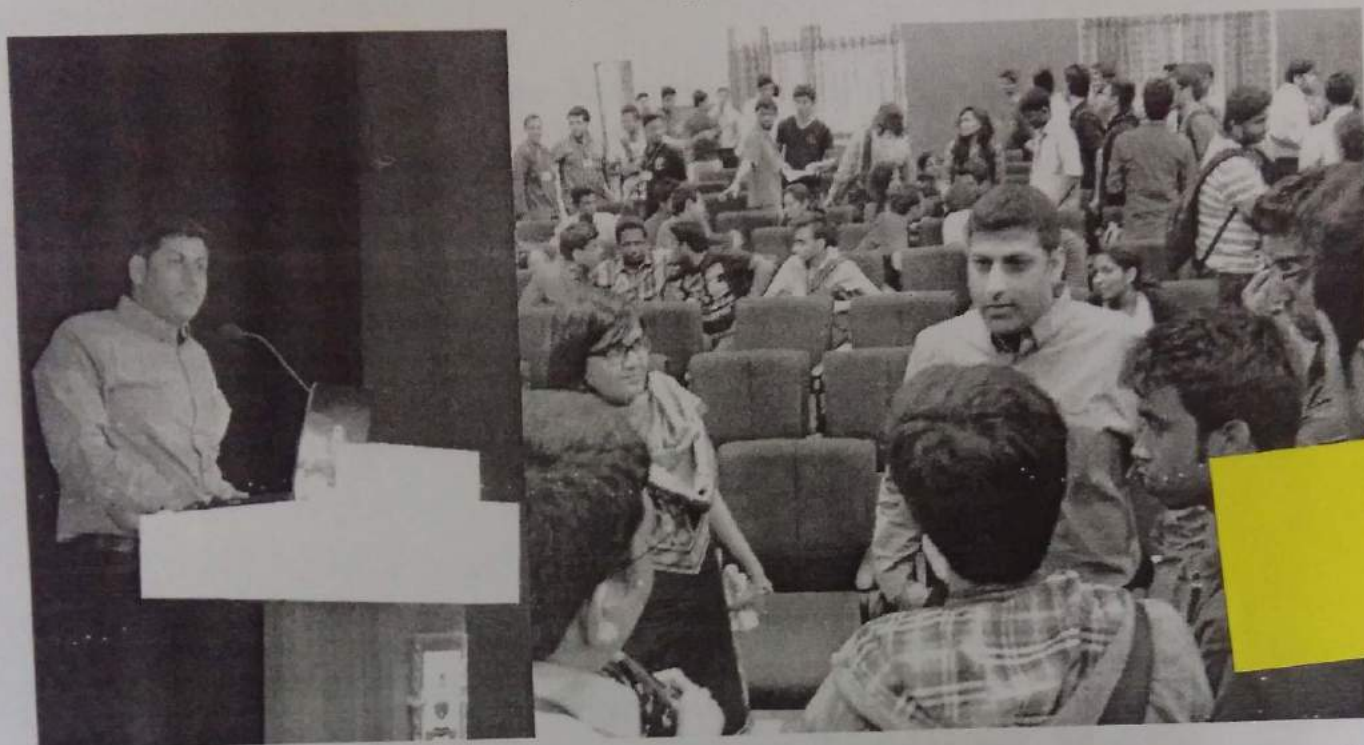
WIE-CRCE organized a seminar on Single Photon Detection/Imager Technology for the students of third and fourth year electronics. The seminar was conducted in the Samvaad of Fr. Conceicao Rodrigues College, Bandra on 13th February, 2015. The Speaker for the event, Dr. Vinit Dhulla, an alumini of the college, shared with the students his Technical Paper 'Single Photon Couting and Image Sensors'.

The host for the event Ms. Akshaya Shetty gave a brief introduction about IEEE-CRCE and the work done by Dr. Vinit Dhulla. Dr. Vinit Dhulla was called up on stage and felicitated with a bouquet of flowers. He began the seminar with a brief introduction on Imager Technology. This was later followed by a detailed lecture on Single Photon Counting for detection of DNA sequence.

The seminar was attended by over 40 students. At the end of the presentation, Dr. Vinit Dhulla answered all the questions put forth by the students. As the seminar came to an end, Ms. Akshaya Shetty gave the closing speech, thanking Dr. Vinit Dhulla for his time and efforts to interact and help the students. As a sign of gratitude, he was presented with a memento.

The seminar was a success and proved to be helpful to the students. Overall the students left with a satisfaction of learning something new. The event would not have been possible without the active cooperation of the faculty members and the council.

Page 453

the work done by Dr. Vinit Dhulla. Dr. Vinit Dhulla was called up on stage and felicitated with a bouquet of flowers. He began the seminar with a brief introduction on Imager Technology. This was later followed by a detailed lecture on Single Photon Counting for detection of DNA sequence.

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The seminar was a success and proved to be helpful to the students. Overall the students left with a satisfaction of learning something new. The event would not have been possible without the active cooperation of the faculty members and the council.

Tansy Fernandes
(SE Representative, IEEE-WIE)

Mrs. Kranti Wagle.
Branch Counsellor,
IEEE - CRCE

Mrs. Garima Tripathe
(Branch Counsellor, WIE-CRCE)

Fr. Conceicao Rodrigues College of Engineering
(Affiliated to University of Mumbai, Approved by AICTE, New Delhi)

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai – 400050.
Phone: 022-26423841/42, Fax: 022-26516831
Website: sites.ieee.org/sb-crce, Email: ieee.crce@gmail.com

IEEE CRCE
Branch Code: STB60351

CRCE
SBA 60351

13 February 2015

IEEE-CRCE Student Branch

To,

Dr. Vinit H. Dhulla
Sr.Engineer/Program Manager,
Electro Optic Products,
Voxtel-Inc, Beaverton, Oregon,
U.S.A.

SUB: - LETTER OF APPRECIATION.

Dear Sir

On behalf of IEEE-CRCE Students Branch and all the Faculty members, we would like to express our heartfelt gratitude for taking out time of your busy schedule to be the speaker at the seminar held on "Single Photon Counting Technology and Image Sensors", held on 13th February, 2015.

From the feedback that we received, the event was a success and this would not have been possible without your presence. Your presentation was excellent and enjoyed by everyone. We sincerely appreciate the efforts you have taken and for sharing your time, talent expertise with us.

It has been an honor to host the seminar with you. Your willingness to share your knowledge with the students is greatly appreciated.
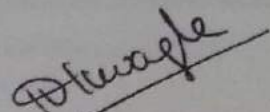
Once again, IEEE-CRCE thanks you for your time and effort.

Regards,
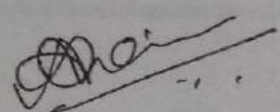
Dr. D. V. Bhoir
(H.O.D.-Electronics Department)

Mrs. Kranti Wagle
(Branch Counsellor, IEEE CRCE)

Mr. Adil Shaikh
(Vice Chairperson, IEEE CRCE)

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Affiliated to University of Mumbai, Approved by AICTE, New Delhi

Fr. Agnel Ashram Bandstand, Bandra (W), Mumbai 400 050
Phone: 022-26423841/42 * Fax:022-26516831
Website: www.frcrce.ac.in * Email: ieee.crce@gmail.com

IEEE-CRCE

IEEE

Branch Code# 60351

13th February, 2015.

To,

Dr. Vinit H. Dhulla

Sr.Engineer/Program Manager,

Electro Optic Products,

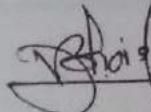Voxtel-Inc, Beaverton ,Oregon,

U.S.A.

SUBJECT: Invitation as Speaker for the Seminar on "Single Photon Counting and Image Sensors" .

Dr. Vinit Dhulla,

On behalf of Fr.Conceicao Rodrigues College of Engineering, I am very pleased to have the honour of inviting you as a Guest Speaker for the Seminar on "Single Photon Counting and Image Sensors" which will be organized by IEEE-CRCE. The Seminar will be held on 13th February, 2015 at 2.00 p.m. in Samvaad Auditorium of our college.

We, at FR.CRCE, always aim at providing extensive in-depth knowledge of latest trends in Technology. Considering your expertise in the field of Single Photon Detection/Imager Technology, we have arranged this seminar for our third and final year students (Electronics Stream). We are sure that our students will immensely benefit from your talk.

Looking forward to your presence.

Thanking you,

Warm Regards,

Dr. Srija Unnikrishnan

(Principal, Fr.Conceicao Rodrigues College of Engineering)

IEEE CRCE

TECHNOMANIA
2015

NATIONAL LEVEL

PROJECT PRESENTATION,

TECHNICAL PAPER PRESENTATION

AND

QUIZ COMPETITION

20 MARCH 2015

Prof. Kranti Wagle:
(Branch Counsellor, IEEE CRCE)
Contact No: + 91 9619610494
E-mail id: kranti@frcrce.ac.in

Prof. Jagruti Nagaonkar
(Branch Counsellor, WIE CRCE)
Contact No: +91 9869195947
E-mail id: jagruti@frcrce.ac.in

Adil Shaikh:
(Vice Chairperson, IEEE CRCE)
Contact No: + 91 9029119903

Anup Pujari
(Membership Development Officer, IEEE CRCE)
Contact No: + 91 9819469656

Hruda Mohod
(Vice Chairperson, WIE CRCE)
Contact No: +91 9967440023

Yatri Seth
(Joint Public Relations Officer, WIE CRCE)
Contact No: + 91 9594363272

Website: http: //sites.ieee.org/sb-crce/events/upcoming-events

last date for abstract submission: 5th Feb 2015
Notification to the selected teams: 10th Feb 2015
Last date for registration: 1st March 2015

before 15th Feb 2015 and enjoy a discount in the registration fees
deadline for submission of final papers (Only for Technical Paper Presentation): 1st March 2015

ELIGIBILITY CRITERIA

Students of Second/Third/Final year of engineering college or final year of Diploma are eligible to participate.

REGISTRATION CHARGES (INR per team)

Technical Paper (maximum 3 students per team)
EARLY BIRD / IEEE MEMBER - 600
BIRD - 700
MEMBER - 750

(maximum 4 students per team)
EARLY BIRD + IEEE MEMBER - 650
EARLY BIRD - 700
IEEE MEMBER - 800
NONE - 900

Quiz Competition (maximum 2 students per team): 100

Only teams whose papers/topics/projects have been selected will need to register.

All qualified participants will be awarded with participation certificate.

The EARLY BIRD refers to the discount given if one registers before 15th February 2014.

PARTICIPANT SCHEDULE [20th MARCH 2015]

EVENT	START	END	VENUE	
Registration	8.30am	9.30am	College Entrance	
Breakfast	8.30am	9.30am	Samvaad Terrace (9th Floor)	
Inauguration Ceremony	9.30am	10.30am	Samvaad	
Buffer (Participants get some time to set up their projects in the allotted labs)	10.30am	10.45am	Domain 1	Electronics
			Domain 2	Computers
Project Contest	10.45am	12.45pm	Electronics	DSD Lab ECAD Lab (3rd floor)
	Lunch Break		Computers	IEDC Lab (7th floor) Instrumentation Lab (3rd floor)
	1.30pm	5.30pm		
Technical Paper Presentation	10.45am	1.15pm	Electronics	Microprocessor Lab (3rd floor)
	Lunch Break		Computers	209 Computer Lab (2nd floor)
	2.00pm	5.30pm		
Lunch Break (Project Presentation)	12.45pm	1.30pm	Samvaad	
Lunch Break (Paper Presentation)	1.15pm	2.00pm	Samvaad	
Quiz Competition (Round 1)	1.30pm	3.00pm	Seminar Hall	
Quiz Competition (Final Round)	3.15pm	3.45pm	Seminar Hall	
Tea Break	5.30pm	6.00pm	Samvaad Terrace	
Prize Distribution	6.00pm	7.00pm	Seminar Hall (5th floor)	

TECHNOMANIA '15

TECHNOMANIA is a National level Technical Project, Technical Paper Presentation and Technical Quiz competition organized by IEEE-CRCE students' committee. The aim is to encourage undergraduate students to implement basic concepts of Engineering for realization into working models.

The IEEE and WIE council of Fr. Conceicao Rodrigues College, Bandraorganized Technomania2015 on the 20[th]of March 2015, for the seventh consecutive year. For the first time, participation was also encouraged from the Diploma and ITI sections. Technomania 2015 overall received an overwhelming response from the students, especially from the Mumbai Section.

The councils started working as early as December itself to make this event a grad success. The separate divisions like Public Relations, Desktop, Sponsorship, Technical etc. worked diligently according to a systematic work schedule prepared by the council.

The schedule of the event was as follows:

EVENT	START	END	VENUE	
Registration	8.30am	9.30am	College Entrance	
Breakfast	8.30am	9.30am	Samvaad Terrace (9th Floor)	
Inauguration Ceremony	9.30am	10.30am	Samvaad	
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PrizeDistribution	6.00pm	7.00pm	Seminar Hall (5th floor)	

The Dignitaries seated on stage with the Branch Counsellors

Lighting of the Samay

Unveiling of Technobuzz

The Inauguration Ceremony of Technomania 2015was attended by renowned personalities such as Mr. KetanPandit, Our Chief Guest;Dr. Sanjay Pawar (Principal, SNDT Women's University), our Guest of Honour;Dr. SrijaUnnikrishnan, Our Principal; Rev. Fr. Victor Rebello and Dr. Deepak V.Bhoir(HOD-Electronics).

The ceremony began with the lighting of the Samay by our dignitaries, followed by a prayer song by a student of S.E. Electronics, Mr. RakeshBalasubramaniam. Mrs. UtkarshaHolmuhke, the former Vice-Chairperson of WIE-CRCE was called upon to present a short presentation of the events conducted by the council during the academic year 2014-15.The dignitaries were called on the stage to take their places and were welcomed by Prof. KrantiWagle(IEEE-CRCE Branch Counsellor) with a token of our appreciation. Thereafter, Technobuzz, IEEE-CRCE official Newsletter was unveiled by our Chief Guest. A brief introduction to Technomania and Technomania 2015 was given by Mr. AdilShaikh, Vice-Chairperson, IEEE-CRCE. The dignitaries then shared their insights and views on Technomania 2015.

The External Judges for the event, Dr. DhananjayKalbande(HOD-Computer, SPIT),Dr. S. S. Rathod(HOD-Electronics, SPIT), Dr. UdayBhave(HOD-Computers, SAKEC) and Prof. Prasad Joshi(HOD-Electronics, DJSCOE) were welcomed by our Branch Mentor, Prof. SwapnaliMakdeyand Branch Counsellors, Prof. KrantiWagle and Prof. JagrutiNagaonkar(WIE-CRCE).Thereafter, Technomania 2015 was declared open!

TECHNICAL PAPER PRESENTATION

The Technical Paper Presentations began with the Council Member present in the Room welcoming the Judges for the day and giving a brief introduction about their work. The participants were each explained the rules for the Paper Presentation. Each team comprised of a maximum of 3 students. After careful examination of all the papers received only the best were chosen.

ELECTRONICS:

Venue: Microprocessor Lab (Room 301)

Judges: Dr. S. S. Rathod (HOD-Electronics, SPIT), Prof. Monica Khanore(Electronics Dept., Fr.CRCE)

Lab In-charge: Mr. Siddharth Wadke,

Many Innovative Research Papers were presented by the students. Each team was given 15mins to present their paper, followed by questions from the Judges and audience, if any. A total of 9 teams from all over Mumbai presented their papers. They were thankful to the judges for their valuable insight.

Winners: 1st: Pritish Sachdeva (Reading Assistant for the Visually Impaired)

2nd: Mr. Prasad GurunathPhatak (Piezoelectricity: Key way to Harvest Green Energy)

COMPUTERS:

Venue: Computer Lab (Room 209)

Judges: Dr. DhananjayKalbande (HOD-Computers, SPIT), Prof. Merly Thomas (Computer Dept., Fr.CRCE)

Lab In-charge: Mr. Karan Gandhi, Ms. Tansy Fernandes

The Computer Domain witnessed a total of 12 teams. Each team was given 10mins to present their paper followed by questions from the judges. At the end of the presentations, Dr. Kalbande stressed on the importance of practical work to support the Technical Paper. The students were grateful to the judges for their comments and feedback on the papers.

Winners: 1st: Ms. Ayushi Gupta, Ms. Blessy Anthony, Ms. ChailtaliPawar (AAROGYA)

2nd: Mr. AmitChaugule, Mr. VipulBarnwal, Mr. ChetanBaviskar (Semi-Automatic Stereo Converstion Of Hand-drawn Animation)

3rd: Mr. Vishal T. Mishra (Sematral System)

ECHNICAL PROJECT PRESENTATION

Many original and ground-breaking projects were presented this year at Technomania'15. The Council Member welcomed the Judges and gave a brief introduction about the judges. The participants were given instructions as to how the Project Presentation will proceed. The Projects that needed special arrangements, such as projectors, Wi-Fi etc. were provided with the same.

ELECTRONICS:
Venue: DSD Lab (Room 303) and ECAD Lab (Room 302)
Judges: Prof. Prasad Joshi(HOD-Electronics, DJSCOE), Prof. SapnaPrabhu(Electronics Dept., Fr.CRCE),
Lab In-charge: Mr. RushikeshSagar, Mr. PrathameshTari

The Electronics Project Presentation started with the students present in the ECAD Lab followed by the DSD Lab. There were many advanced projects and the Judges scrutinized each one of them and gave each one of the teams constructive feedback. There were a total of 12 teams with Projects such as

Winners: 1st: Mr. NamanAwasthi (Human Shopping Kart)
2nd: Mr. Yash Singh, Mr. Neel Shinde, Ms. VaidehiTawari, Ms. DevikaSindwani (E-yantra)
3rd: Mr. Tejas Joshi (Stabrider)
3rd: Mr. JaykumarVaidya, Mr. SaumitraLasare, Mr. KartikNegandhi(Solar Powered Agribot)

COMPUTERS:
Venue: Instrumentation Lab (Room 310), IEDC Lab (7th floor)
Judges: Dr. UdayBhave(HOD-Computer, SAKEC), Prof. KalpanaDeorukhkar (Computer Dept., Fr.CRCE),
        Prof. Jagruti Save (IT Dept., Fr.CRCE)
Lab In-charge: Mr. AnupPujari, Mr. MayurShirke

The Judges began with Computer Project Presentations of students in Instrumentation Lab followed by the IEDC Lab. Cashfer, E-Gyaan, Safeletwere some of the projects presented by the students. There were a total of 15 teams that presented their projects from all across Mumbai. The Judges examined and questioned the students on various aspects of their project.

Winners: 1st:Mr. AmitChaugule, Mr. VipulBarnwal, Mr. ChetanBaviskar (Handron Animation)
2nd: Mr. YashGajra, Mr. Harsh Patel, Mr. Vrutant Mehta, Mr. SiddeshPanchel (Re-Arm)

TECHNICAL QUIZ
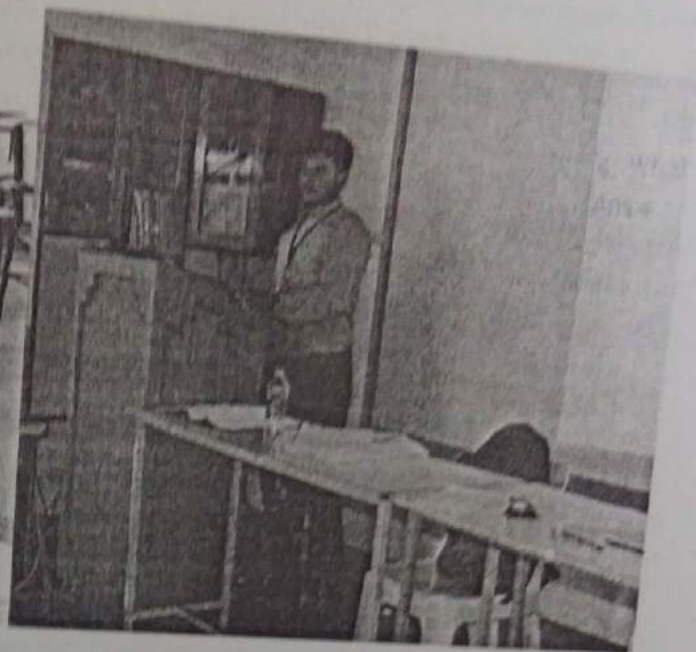
Venue: Seminar Hall (5th floor)
Quiz Master: Mr. AnkushLagad.

The Technical Head of IEEE-CRCE, Mr. AnkushLagad prepared the questions for the Technical Quiz. There were a total of 2 rounds. Each team comprised of 2 students.

In the first round of the quiz, teams were given 50 MCQs to solve within a time limit of 6mins. The questions were based on basic Electronics and Computers. The teams were then scored and only the top 4 teams proceeded to the 2nd and final round of the quiz.

The Final Round of the Quiz was a Buzzer Round. The final round had 3 main categories: Electronics, Computers and Mechanical. The questions were of B.E(Fourth Year) and M.E(Masters) Level. The team to hit the buzzer first would get to answer first. The point system was followed: +20 for a correct answer and -10 for an incorrect answer. There were a total of 5 questions in each category.

The winners of the Technical Quiz Competition were:

Mr. Shubhankar and Mr. Omkar

the Organizing Committee left no stone unturned to provide the best hospitality to the Judges and Participants alike in terms of service, catering and special requirements for the Projects. At noon, the Judges were directed to the Conference Room while the participants headed to the Samvaad Lobby where lunch was served to them. The Competitions continued with the remaining teams thereafter.

The day ended with the Valedictory Function in the Seminar Hall thanking all the Judges for the efforts taken to examine each and every Technical Paper and Project. Prof. Prasad Joshi, Dr. D.V. Bhoir and Prof. SapnaPrabhu gave the students insightful tips for their future endeavors. The students were all enlightened by what the professors had to say.

The Winners in each category were announced as they came up to accept their trophy and reward.

Mr. Rahul Yadav, IEEE-CRCE Chairperson and Mrs. AkshayaShetty, Secretary at IEEE-CRCE, thanked one and all for participating in Technomania 2015 and making the event a grand success. All the participants were given Participation Certificates.

Technomania 2015 could not have been a grand success without the wholehearted support and hard work of all the Teachers, Office bearers and Volunteers. The entire event was planned and executed meticulously by the entire team of IEEE and WIE-CRCE.

Mrs. KrantiWagle.
Branch Counsellor,
IEEE- CRCE.

Tansy Fernandes
(SR Representative)
IEEE - WIE

Dr. S. Basil Gnanappa
Executive Secretary

ISTE/Proceedings/STTP-SF/2014-15

August 13, 2014

Proceedings of Executive Secretary, ISTE

Sub. : Sanction to conduct full time Short-term Training Programme on Self-financing basis for the financial year 2014-2015.

Sanction is hereby accorded to the following institution for the conduct of the programme indicated below:

Name of Institution	:	Fr. Concicao Rodrigues College of Engg. Mumbai – 400 050
Topic	:	Digital Forensic
Name & Address of Coordinators	:	Mrs. Ashwini P. Asst. Prof. Mrs. Supriya Kamoji Asst. Prof.
Duration	:	One Week (Minimum 05 Working Days)
Proposed dates	:	10-11-2014 to 15-11-2014

Terms and Conditions

1. The institution offering the Programme should have an ISTE Chapter with at least 25 ISTE members as on the date of commencement of the programme.

2. Only ISTE members are allowed to attend this programme.

3. There will be no financial commitment on the part of ISTE on account of this programme.

4. The course will be full time and of duration 1week / 2 weeks / 4 weeks.

5. The proposal will be scrutinized by Experts and if approved, the approval will be communicated to the Coordinator. The Section Chairman / Executive Council Member may monitor the programme and send an independent report to ISTE Headquarters if called for. ISTE Headquarters reserves the right to decline the approval without assigning reasons.

--/-

6. A processing & operational charges of Rs.150/- per participant is to be paid to ISTE Headquarters along with the final report mentioned in Item 8 below. This is about 15% of the operational charges of Rs.1050/- per participant fixed by AICTE for Summer / Winter Schools to meet this processing and operational expenses.

7. The registration fee of the participants may be fixed by the host institution.

8. Within 15 days after completion of the Programme the final report including list of participants (with their ISTE Membership Number of filled up application forms for ISTE membership with requisite fee), schedule of the programme with dates, copy of the certificate issued and copy of course notes must be sent to ISTE Headquarters alongwith processing & operational charges as mentioned in point 6 above. via DD in favour of "**ISTE**" New Delhi.

9. The Certificate may be issued by the Head of the host institution quoting ISTE Sanction Order. The certificate should contain the ISTE emblem at the top and should read "This is to certify that _____attended a short term course on_____ sponsored by ISTE during _____at_____.

Executive Secretary

To,

The Principal
Fr. Concicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W)
Mumbai – 400 050
Maharashtra State

Copy to :

Mrs. Ashwini Pansare
Coordinator
Fr. Concicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W)
Mumbai – 400 050
Maharashtra State

FR. AGNEL ISTE CHAPTER, FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Fr. Agnel Ashram, Bandra (West), Mumbai - 400 050

Statement showing Income & Expenditure of ISTE/STTP organised by Dept of Computer Engineeing during 11/11/2014 to 15/11/2014 on "Digital Forensic"

RECEIPTS	Amount (Rs)	PAYMENT	Amount (Rs)
Op Bank Balance	31,715.15	Honorarium to the speakers	22,500.00
Registration Fees		Food Exp	23,610.00
18 Members @ Rs. 4000/-	72,000.00	Conveyance / Other exp	2,255.00
Intrest on S.B.A/c	363.00	ISTE processing fees	2,700.00
		Cl. Bank Balance	53,013.15
TOTAL	104,078.15	TOTAL	104,078.15

V.S. Jorapur
Treasurer

Supriya Kamoji
Programme Officer

Dr. Srija Unnikrishnan
PRINCIPAL
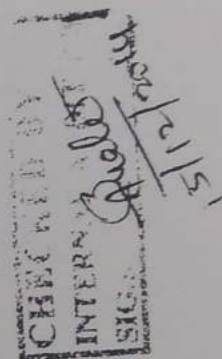
CLOSING REPORT OF ONE WEEK ISTE APPROVED STTP ON
'ADVANCED INTERNET TECHNOLOGY'
CONDUCTED FROM 5th TO 9th January, 2015

About STTP

Advanced Internet Technology course is designed to teach students some of the advanced technologies (such as HTML5, CSS 3, XML, Ajax, web services etc.) that are widely used by IT professionals to develop web-based information systems. This course introduces the concepts of search engine optimization. As this is the new course introduced in the VI semester in Information Technology branch, the purpose of the course was to provide basic theoretical as well as practical knowledge of most of the topics from the syllabus to the faculties from different colleges. This STTP provided good knowledge of the course AIT to the faculties participated in the STTP so that they would be able to deliver the same in the class.

Workshop Contents

The following topics were covered in the course
1. Responsive web design and development
2. HTML 5, CSS3
3. Search Engine Optimization
4. RIA,AJAX, JSON
5. REST and Web Services

Welcome ceremony (5th January,2015):

On behalf of Fr.C.R.C.E. Staff, Mrs. Garima Tripathi welcomed the participants and guests. Mr. Mahesh Sharma, Head of the Department introduced the course. Our Principal Dr. Srija Unnikrishnan heartily welcomed chief guest, James Maslamani Academic Relationship Manager, India West Tata Consultancy Services on 5th January morning.

Course Details

On the first day, Mr. **Joy Biswas, TCS Associate,** conducted the session on responsive web design and development, HTML5 and CSS3. He also discussed about Form elements and field validation, embedding media and social, widgets, Debugging with Chrome and Firefox developer tools, Cross-browser and cross-device testing etc in lab session.

On the second day, in the first session from 9.30 to 10.30 AM, **Mr. Deven Shah** **Chairman Board of studies – Mumbai University** talked about the thought process involved behind the design of AIT syllabus. He also guided the participants about how the practical should be handled. In the second session Mr. J.K. Nair from media.net conducted session on "Introduction to Search Engine" followed by the session of Mr. Saurabh Kulkarni on "Introduction to AJAX and JSON"

On the third day, **Mr. Gautam Choudhari**, TCS Associate conducted the session on "Search Engine Optimization" and explored different case studies in the lab session on same topic.
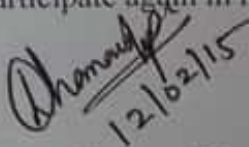
On the fourth day, **Mr. Joy Biswas** conducted seesion on "RIA" and followed by the lab session on AJAX and JSON. Lab session on this topic helped the participants to design some experiments.

Last day **Mrs. Radha Shankarmani,** conducted session on "REST and Web Services".

Closing Ceremony (9th January, 2015):

On 9th January evening, program was concluded by head of Department Mr. Mahesh Sharma, and Coordinators with vote of thanks. The programme received very good response. Total 13 participants (faculties from various colleges) attended the course. Feedback forms were collected and Certificates along with Course Material (CD) were distributed to all participants.

Participant left premises giving good feedback and showed their willingness to participate again in near future programs conducted by college.

Report Prepared By,

Mrs. Prajakta Dhamanskar (Coordinator)

Name	Membership No.	Institute	Payment
Sanober Shaikh	LM80081	TSEC, Bandra	Cash
Pooja Shetty	LM83963	VESIT, Chembur	Cheque
Vaishali Kavathekar	LM62836	DBIT	Cheque
Sagar Mohite	-	Vishwatmak COE	DD
Garima Tripathi	LM52372	Fr. C.R.C.E.	Cash
Prachi Patil	LM75702	Fr. C.R.C.E.	Cash
Mahendra Mehra	LM101469	Fr.C.R.C.E.	Cash
Supriya Kamoji	LM55278	Fr.C.R.C.E.	Cash
G.S. Chavan	LM99541	Fr.C.R.C.E.	Cash

ISTE Approved STTP on

Advanced Internet Technology

in co-operation with

TATA
TATA CONSULTANCY SERVICES

media.net

accenture

JANUARY 5 - 9, 2015

Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, Bandstand, Bandra (W),
Mumbai - 400 050, Maharashtra, India.

ORGANIZED BY

Department of
Information Technology

PATRONS

Fr. F. Diniz : Local Chairman
Fr. V. Rebello : Director
Dr. Srija Unnikrishnan : Principal

CONVENOR

Prof. Mahesh Sharma
HOD, Information Technology

COORDINATORS

Prof. Prajakta Dhamanskar
Prof., Department of Information Technology
Contact No: 9867625188
Email: prajakta.dhamanskar@fragnel.edu.in

Prof. Jay L. Borade
Prof., Department of Information Technology
Contact No: 8108742762
Email: jay.borade@fragnel.edu.in

Please address all communication to:
Prof. Mahesh Sharma

Head, Dept. of Information Technology
Fr. Conceicao Rodrigues College of Engg.
Phone: 022-67114000
Fax: 022-67114200

E-mail: mahesh@frcrce.ac.in
Website: http://www.frcrce.ac.in

How to Reach

Take BEST Bus of Route No. 211 from
Bandra Station West to reach Fr. Agnel
Ashram.

Sheet1

Reg No	Name	Organization	Mode of Payment	Cheque /DD No	Mobile Number	Email_Id	SIGNATURE
1.	SAGAR MOHITE	VISHWATMAK COE	DD	083 492 SBI BRANCH	9773632100	Sagarmohite@tex @gmail.com	
2.	JYOTSNA BHUSHAN moRE	XIE	CASH	—	9920326161	jyots.584 @gmail.com	Lara
3.	Garima Tripathi	Fr.C.R.C.E	Sponsored by Fr CRCE		9869695897	garima@frcrce.ac.in	
4.	PRACHI PATIL	CRCE	Sponsored by Fr CRCE		9969465845	prachi@ frcrce.ac.in	Prachi
5.	Swati Ganar	M.H.Saboo Siddik COE	CASH	—	8421434388	swati_gnr @rediffmail. com	Swati

Page 1

Sheet1

Reg No	Name	Organization	Mode of Payment	Cheque /DD No	Mobile Number	Email_Id	SIGNATURE
6. ✓	Mahendra Mehra	FRCRCE	Sponsored by Fr. CRCE		8149327826	mahendra.mehra @fragnel.edu.in	✓
7 ✓	Medha Kulkarni	PVPPCOE	Cash	—	9819122799	medha.kulkarni @yahoo.com	
8 ✓	Monali Shetty	FRCRCE	Sponsored by Fr. CRCE	F27G71S903		monali.shetty @fragnel.edu.in	
9 ✓	Supriya Kamoji	FRCRCE	Sponsored by Fr. CRCE				
	Sauober Shaikh	TSEC, Bandra.	Cash	—	9920281222	S.sauober1 @gmail.com	Sauober
10. ✓	Saloni Shukla	CRCE	Sponsored by Fr. CRCE		9819180998	Saloni.shukla @gmail.com	
	G. S. Charan					girdhar.charan @yahoo.com	

Page 473

Reg No	Name	Organization	Mode of Payment	Cheque /DD No	Mobile Number	Email_Id	SIGN
11. ✓	Pooja M. Shetty ✓	V.E.S.I.T Chembur	cheque. Tomorrow	100012 ✓	9920429866	pooja.shetty @ves.ac.in	✗
12 ✓	Vaishali favathrekar	DBIT	Cheque.	029576 ✓	9833847910	Veishali-satpot @sdithinil.on.	✓
13 ✓	Sakshi S. Sukale	Fr CRCE	sponsored by CRCE		9820816929	kanchant@ Prognel.edu.in.	