FACULTY PROFILE

NAME : Ms. Kalpana Deorukhkar

DESIGNATION : Assistant Professor

QUALIFICATION: M.E. (Computer Engineering), Pursuing PHD

EMAIL: kalpanas@fragnel.edu.in

PHONES : 9930273053

AREA OF INTEREST: Machine/Deep Learning, Data Mining ,Data Structures and Algorithms,

PROFESSIONAL BACKGROUND   :

August 2003 – till date Fr. Conceicao Rodrigues College of Engineering, Mumbai

EDUCATIONAL DETAILS:

Currently pursing PHD in Computer Engineering, Mumbai University

M.E (Computer Engineering) from Mumbai University, Year 2010

B.E (Computer Engineering) from Mumbai University, Year 2001

ADMINISTRATIVE BACKGROUND:

Exam Coordinator, Academic Year: 2013-2014, 2014-2015, 2015-2016

Member of Timetable Committee, Academic Year: 2014-2015, 2015-2016,2016-2017

ICAC3'11,13,15,17 - Worked in publication committee, track incharge, moderator etc,

Secretary – ISTE Chapter, Academic Year: 2014-2018

Worked as Joint Chief Conductor for University Examination, First and Second half of 2013.

PUBLICATIONS   : (In the order of International Journal, National Journal, International conference, National Conference)

1. "High payload using mixed codebooks of Vector Quantization" International Journal on Computer Science and Engineering (IJCSE), Vol. 02, Issue No. 02, 2010, 352-356.
2. "Comparative Performance of Information Hiding in Vector Quantized Codebooks using LBG, KPE, KMCG and KFCG", International Journal on Computer Science and Information Security, May   2010
3. "Mixing Codebooks of LBG, KPE and KFCG Algorithms to Increase Capacity of Information Hiding", International Journal of Computer Applications (IJCA), Volume 05, Issue No 3, August 2010

4. "Increased Capacity of Information Hiding using mixed codebooks of Vector Quantization Algorithms: LBG, KPE and KMCG", Advances in Computational Sciences and Technology (ACST), ISSN 09, 2010

5. "Steganography using Dictionary Sort on Vector Quantized Codebook" International Journal of Computer Science and Security (IJCSS), Volume 4, Issue No 4, 2010,392-402

6. "Information Hiding in Vector Quantized Codebook", International Conference on Contours of Computing Technology, THINKQUEST-2010, BGIT, Mumbai.

7. "Implementing Open Source Based Private Cloud", volume 1, issue 4, Jan 2014, IJARCSS

8. "Performance assessment of CLARANS: A method for clustering objects for Spatial Data Mining", GIFRE, 2013

9. "Triplet based Partitioning on Document Clustering", International Journal of Scientific & Engineering Research , Volume 9, Issue 10, October-2018, ISSN 2229-5518

BOOKS AUTHORED:

1. Data Warehousing for BSCIT Mumbai Unversity, Tech-Max Publication, Year 201
2. Data Warehousing and Mining for Computer Engg, Mumbai Univesity, Nandu Publication, Year 2017

TRAINING PROGRAMS CONDUCTED :   STTP / FDP / Any other

1. ISTE approved 1-week STTP on "Internet of Thing**s**", 27th June 2016 to 1st July 2016.
2. 2 days Workshop on "Accreditation and Quality Assurance", April 4th and 5th, 2014
3. ISTE approved workshop on "Advanced Internet Technologies", July 2011
4. Workshop on "Ethical Hacking and Network Security", August 2011
5. National Conference on "Algorithms ", 16-17 May 2008

PARTICIPATION IN TRAINING PROGRAM   :

Short Term Training Programs:

1. ISTE approved STTP on "Python and R-Programming" organized by TSEC, 2nd January to 8th January 2018.

2. ISTE approved STTP on "Accreditation and Quality Assurance" organized by Electronic department of FRCRCE, Bandra, 5th December to 12 December 2014.
3. STTP on "Research Methodology and Open Source Tools" held in Somaiya College,Sion, December 17 to 21, 2012
4. STTP on "Advanced Web Technologies" held in SAKEC, Chembur,17th January to 21stJanuary 2012
5. STTP on "Faculty Induction Programme" organized by St. Francis Engineering College, Boivali, July 4-16 2010.
6. STTP on "Robotics and Its Application" organized by Department of Electronics, Fr. CRCE Bandra, Dec 03-14, 2007.
7. One month training on "Advanced Java" conducted by Mikado Solutions, Thane, 06 June 2011 to 01 July 2011

Workshops:

1. Faculty Development program on "Python and Perl", organized by FRCRCE, on 12,13th January 2018.
2. Faculty development program on "R programming", jointly organized by department of Computer engineering and department of Information technology, Fr. Conceicao Rodrigues College of engineering, on August 5th and 6th 2016.
3. Faculty development program on "Teaching and Beyond: Widening Horizons", jointly organized by department of Humanities and Science, Fr. Conceicao Rodrigues College of engineering, on February 5th and 6th 2016.
4. Workshop on "Cuda C", organized by IIT, Bombay, March 2014
5. Workshop (1 week) on "Computer programming", organized by SPIT, Andheri, July 25-29,2011
6. Workshop (1 week) on "Teaching Programming in Java and its applications", organized by Pillai's institute, Panvel, January 14-18, 2008

PROFESSIONAL AFFILIATIONS :

Member of Indian Society for Technical Education since 2007