

## FACULTY PROFILE

NAME : BALKRISHNA RAMCHANDRA PRABHU



DESIGNATION : Adjunct Professor

QUALIFICATIONS : B.E. ( Electrical Engg. ),

M. Tech . ( Industrial Electronics)

E-MAILS : [brprabhu@frcrce.ac.in](mailto:brprabhu@frcrce.ac.in) , [bprabhu@ieee.org](mailto:bprabhu@ieee.org)

AREA OF INTEREST : Power Electronics , Instrumentation .

### PROFESSIONAL BACKGROUND :

May 1966 – June 1967 Trainee Engr. , INBELEC ( a div. of Philips India Ltd. ).

July 1967 - May 1975 Electronic Engr. , R & D Section , Tata Electric Cos., Mumbai.

June 1975 - May 1980 Development Associate , R & D Section , Tata Electric Cos. , Mumbai.

June 1980 - Aug. 1983 Sr. Design Engineer , R & D Section , NELCO , Mumbai.

Sept. 1983 - Jan. 1989 Group Leader , R & D Section , Bharat Bijlee Ltd. , Mumbai.

Feb.1989 - Nov. 1996 H.O.D. ( Electronics ) , Fr. C.Rodrigues College of Engg. , Bandra , Mumbai.

Dec. 1996 - Apr. 2003 Vice Principal & Head of Dept. , Electronics , Fr. C. Rodrigues College of Engg. , Mumbai.

June 2000 - June 2012 Prof. Computer Engg. and Industry -Institute Interaction , Fr CRCE .

July 2012 - May 2015 Adjunct Prof. , K.J.Somaiya College of Engg. , Vidyavihar , Mumbai .

July. 2015 - Dec. 2016 Adjunct Prof. , Vidyalkar Institute of Technology , Wadala , Mumbai.

Jan. 2015 - till date. Adjunct Prof. Fr CRCE.

### ADMINISTRATIVE BACKGROUND :

1983 -1989 Group Leader , R & D , Bharat Bijlee Ltd.

1989 – 1996 Head of Department , Electronics , Fr. C. Rodrigues College of Engg.

1996 – 2003 Vice Principal , Fr. CRCE.

**EDUCATIONAL DETAILS :**

B.E.( Electrical Engg. ) , June 1964 , Birla Vishwakarma Mahavidyalaya , Anand , Gujrat .

M.Tech. ( Industrial Electronics ) , June 1966 , I.I.T. Mumbai.

**PUBLICATIONS :**

1. B.R.Prabhu & K.P.P. Nambiar , “ Master Clock Control System “ Journal of IETE , 1971 , vol.17 ,No.12 ,pp 436-439.
2. B.R.Prabhu , A.M.Abhyankar , A.T. Devarajan & K.P.P.Nambiar  
“ A Design Basis for Ferro –Resonant Parallel Inverters with SCR “ , Journal of IETE ,  
1974 ,vol. 20 , No. 1 & 2 , pp. 50 – 53.

**TRAINING PROGRAMS CONDUCTED :**

Resource person STTP “ Emerging Technological Trends in Power Electronics & Drives “ organised by Shah & Anchor Katchhi College , July 2015.

**BOOKS AUTHORED** – Nil.

**PHD SUPERVISED** - Nil.

**PARTICIPATION IN TRAINING PROGRAMS :**

1. Programming with Basic conducted by Computer Society of India in Sept. 1981
2. Labview workshop conducted by National Instruments India in Dec. 2014.

**INTERACTION WITH OUTSIDE WORK :**

Consultancy projects for B.A.R.C. - development of products such as Stepper Motor Controllers &, Power Amplifier using IGBT's for magnet coil .

Repairs of equipments such as Ion Mass Spectrometer , Magnetic Resonance Fatigue Testing Machine , Quenching Dilatometer , Thermal Analyzer & Thermal Diffusivity Measuring System at B.A.R.C.

Design & development of Digital Power Factor Meter for Meco Instruments Ltd .

Design & Development of controller for Induction Heater for Inventum Ltd.

Design & development of hand-held temperature meter for Ammess Electronics Ltd.,  
Mumbai.

**PROFESSIONAL AFFILIATIONS :**

Member of Executive Committee , Secretary , Vice Chair & Chair of Bombay Section of IEEE .

Life member of IEEE.

