

Mrs. Deshpande Sandhya Sandeep.

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Professional Objective

To utilize my teaching skills towards a challenging career in growth oriented and leading edge that will provide mutual benefits and where from I can utilize my capabilities to the fullest benefits of the organization and society.

Professional Experience

- Working as Assistant Professor in K.J.Somaiya Institute of Engg. & Information Technology, Sion, Mumbai since may 2012 to till date.
- Worked as Lecturer in, Mumbai University's different Engg. colleges for two and half year.
- Appoinmented as Examiner for M.E.(ETRX)` and M.E.(Extc)`

Educational Qualification

- **M.E.(Electronics)** – Masters Degree in Electronics Engineering – from RAIT Engineering College, Nerul, Mumbai University in OCT 2012 with 62 %
- **B.E. (Electronics)** - Bachelors of Electronics Engineering from Shri Tuljabhavani Engg 1995 with 63%.
- **H.S.C.** from keshwaj Raj Mahavidaylay ,ambajogai with 63.67 %
- **S.S.C.** from shri sidhyshwar vidyalaya Majalgaon with 72%

Software Exposure

- **Languages :** C++
- **Packages & Tools:** MS Office, Matlab, SIMPOWER,C++

Online Exams:

- Done NPTEL course on “ Basic Electrical Circuits” in July- Sept 2016.
- Done NPTEL course on “ “INDIAN FOLK AND MINOR ARTS” in July- Sept 2016.
- Done NPTEL course on “ computer communication network” in April 2020

Publications:

INTERNATIONAL PUBLICATIONS :

- 1) Deshpande Sandhya S. , “**Cardiovascular System Monitoring Using HRV Analysis.**” *International conference on systems Cybernetics and Informatics* 2008, Hyderabad, Jan.08,
- 2) Sandhya Deshpande, “**Determination of cardiac Arrhythmia (s) from ECG Recording.**” *international conference on Electronics Device and Digital Signal Processing ICEDSP’09,Udupi, Manipal University in Dec.09.*

3) Deshpande Sandhya S. International Conference on Signal and Image Processing' *ICSIP2010*' at Chennai in Dec.2010.

4) Deshpande Sandhya S "paramedic method for power c spectrum estimation of HRV" International Conference on Signal and Image Processing' *ICSIP2010*' at Chennai in Dec.2010.

5) Deshpande Sandhya s " state transfer problem "International Conference on global technology initiatives "IGTI2014

6) Deshpande Sandhya s " Deep space communication "International Conference on global technology initiatives "IGTI2015

NATIONAL PUBLICATIONS :

1) Sandhya Deshpande, "**Internet Technology Revolution**", at Sant Shri Guru Gobind Singh College of Engg., Nanded, 24 Nov. 1999.

2) Sandhya Deshpande, "**Determination of HRV using Time Domain analysis**", K.J. Somaiya College of Engg., Vidyavihar, Mumbai - 400 077, 20 March, 2009

Workshop/ Seminar/training Program / STTP Attained

1) Seminar on "**Pattern Recognition**" at Fr.C.R.C.E. Bandra, March 2004

2) One week workshop on "**DSP application in Biomedical**", at R.A.I .T. Nerul, Navi Mumbai, July 3-7 2006.

3) Four days Training programme on "**Maintenance of Electronics Laboratories Equipments**" Organized by MSBTE at Pune , 15-19 Jan. 20 07

4) One week STTP on" VLSI & EMBEDDED SYSTEM " sponsored by AICTE and Organized by Fr.C. Rodrigues inst. of technology ,vashi during july01 to 5 july 2013

4) One week STTP on "**Nanotechnology and Science**" at SAKEC, Chembur, Mumbai, during 18th to 22 Jan.2010

5) Two day workshop on "MODERN DIGITAL DESIGN AND EMBEDDED SYSTEM" conducted jointly by e-prayog, virtual lab(etrx),IIT Bombay and SPIT on 1 to 2nd March 2014.

6)) One week STTP on "cloud computing and big data analysis" Organized by KJSIEIT from 10 th to 14th Nov,2014

5) One week STTP on the "New generation 4G and 5G innovation research scope and limitation Organized by KJSIEIT approved BY ISTE and MU at Mumbai on 17-21, 2015

6) one day "NATIONAL SYMPOSIUM " on " EVANGELIZING INTERNET OF THINGS(IoT) Organized by KJSIEIT and IET Mumbai local network on 5 OCT.,2015

7) 5 Day ATAL FDP on Artificial intelligence from 30th April to 4th may 2020.

8) Three day FDP on “High voltage Engineering “from 11th May to 13th May,2020

consultancy project : 1)Internal mentor of four real time projects with Indian railway.

2))Internal mentor of two real time project with Nehru science centre NSC

3) 265 students completed their internship in public sector(CR) like railway ,RCF,NSC,BSNL

Subject Taught:

Basics of Analog and digital Communication

Digital Communication

Electronic instruments and measurement system

Electronics product and design

Power electronics I.II and DRIVES

EVS

Computer Communication Network

Internet communication Engineering

Network communication in telecommunication

Digital system Design

Personal Information

Date of Birth: 15 June, 1972

Permanent Address Diamond Palace, Flat No.601, Sector 8, , Airoli, Navi Mumbai, 400708

Mobile 8879468111

E-mail : sandhya.d@somaiya.edu

Languages Known : English, Hindi, Marathi

Extension Programs Participated in:

Departmental Extension Activity

Institute level committees:

- 1 convener of COEPS CELL
- 2.Member of discipline committee
- 3.Member of WDC committee

4. Member of library committee
- 5).Member of IQAC committee

Membership :

Member of IET

LM Member of ISTE