



RESUME

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<u>Qualification</u>	M.E Electronics

PROFESSIONAL SUMMARY:

POST	INSTITUTION	PERIOD	
		FROM	TO
Assistant Professor	P.E.S College of Engineering, Aurangabad	15 th May, 2014	Till Date

MEMBERSHIP OF COMMITTEES:

1. International Organization of Scientific Research (IOSR)
2. Institute of Electrical and Electronics Engineers (IEEE)

UNIVERSITY APPOINTMENTS:

1. Internal examiner for practical/oral examination Nov/Dec-2014 by Dr. B.A.M.U, Aurangabad.
2. Internal examiner for practical/oral examination May/June-2014 by Dr. B.A.M.U, Aurangabad.
3. External Examiner for practical/oral examination Nov/Dec-2015 by Dr. B.A.M.U, Aurangabad.
4. External Examiner for practical/oral examination May/Jun-2016 by Dr. B.A.M.U, Aurangabad.

RESPONSIBILITY:

1. Sub co-ordinator in ARC Process for the year 2014 for First Year Engineering degree admission process.
2. Sub co-ordinator in ARC Process for the year 2014 for Direct Second Year Engineering degree admission process.

3. Appointed as an invigilator for MSCWE-2014, held by DMER, Maharashtra.
4. Appointed as an invigilator for the AIEEE-2015 examination in April-2015.
5. Committee member for stage decoration in Annual social gathering "PARIVATAN-2015".
6. Appointed as a project co-ordinator for the year 2015.
7. Sub co-ordinator in ARC Process for the year 2015 for First Year Engineering degree admission process.
8. Sub co-ordinator in ARC Process for the year 2015 for Direct Second Year Engineering degree admission process.
9. Worked in Food arrangement committee formed for HR Conclave-January, 2016.
10. Worked in PA System/LCD/Generator/Photography committee formed for an event MUKT SAMWAD 2016".
11. Industrial Visit to ISC Pune & Aurangabad Electricals, Chakan - Feb/March, 2016.
12. Appointed as an invigilator for the JEE (Main)-2016 examination in April-2016.
13. Appointed as an invigilator for PG CET (Dental)-2016, held by DMER, Maharashtra.
14. Worked in Garden Decoration & Lightning committee formed for "125th Birth Anniversary Celebration of Dr. B.R. Ambedkar-2016".
15. Appointed as a Coordinator for "Dr. B.A.M.U. Online Examination-2016".
16. Appointed as an invigilator for theory examinations conducted by Dr. B.A.M.U. Aurangabad for the year Nov/Dec 2014, May/Jun-2015, Nov/Dec-2015.
17. Appointed in Facilitation Centre (FC) Process for the year 2016 for First Year Engineering degree admission process.
18. Appointed as Alternative Coordinator in Facilitation Centre (FC) Process for the year 2016 for Direct second Year Engineering degree admission process.

RESEARCH ACTIVITIES:

1. Currently Working on "Recognition of Congenital Heart Diseases using MRI Images"
2. Developed a "Multi-Country Currency recognition Using PCA" system, used to recognize currency note of seven countries.
3. Developed an "Iris based attendance system" using Image Processing tools.
4. Developed "ECG & Blood Pressure Monitoring System".
5. Developed "Wireless Technology for solving Vehicle Emission in Cities using IOT.
6. Developed "Fruit Grading System" which is used to check quality of fruits Orange & Apple.
7. Developed a "Iris Recognition system" using Image Processing.

8. Also working on “Hand Held Weighing Device”.

CONFERENCE / SEMINAR / WORKSHOP ATTENDED:

1. Participated in workshop on “Recent advances in Computing & Communication Systems” sponsored by IEEE Kerala Section at Rajagiri School of Engineering & Technology, Kochi (Kerala).
2. One day workshop on “MATLAB & SIMULINK for Engineering Education” conducted by Mathworks India Pvt. Ltd, Banglore-2014.
3. Attended One day workshop “Cisco's Connect Now Event - Connect to Grow” conducted by CISCO, Banglore Section-2014.
4. One week Faculty Development Program on “Soft Computing ANN & Fuzzy Application in Engineering” conducted by DIEMS, Aurangabad & IETE-2015
5. One day Satellite Telecommunication training Program at Institute of Satellite Telecommunication Pvt. Ltd, Pune-2016.
6. One day workshop on “Public Awareness to telecom Sector” conducted by Telecom Regulatory Authority of India (TRAI), Banglore Division- 2016
7. One day workshop on “Research Methodology” conducted by IEEE Student branch (STB1023) at P.E.S College of Engineering, Aurangabad.

RESEARCH PAPERS PUBLISHED IN THE INTERNATIONAL JOURNALS:

1. Paper entitled “**Multi Country Currency Recognition using PCA**” a result paper presented in Fourth International Conference on Advances in Computing and Communications (ICACC-2014) held at Rajagiri School of Engineering & Technology, Kochi (Kerala), & sponsored by IEEE, Kerala section.
2. Paper entitled “**Multi Country Currency Recognition using PCA**” published in the proceeding titled *Recent Advances in Computing & Communications Systems* published by Mc Graw Hill Education. pp145-149, 2014.
3. Paper entitled “**Survey of Currency Recognition System Using Image Processing**” published in *International Journal of Computational Engineering Research (IJCER)*, pp36- 40, 2013.
4. Paper entitled “A Review of Paper Currency Recognition System” published in the journal *International Organization of Scientific Research*, ISSN: 2278-8727, March-April 2013.
5. Paper entitled “**Iris based attendance system**” published in *International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)*, ISSN: 2278 – 1323, pp3329-3332, August, 2015.
6. Paper entitled “**Multichannel Signal Processing Using Tas5508 and Tas5121**” published in *IOSR Journal of Engineering (IOSRJEN)*, ISSN (e): 2250-3021, ISSN (p): 2278-8719 Vol. 06, Issue 07 (July 2016), ||V2|| PP 41-47.
7. Paper entitled “**A Review of Detection of Congenital Heart Diseases using Image Processing Techniques**” published in *International Journal of Science & Engineering Development Research*, ISSN: 2455-2631. Impact Factor: 2.87, August-2016.

AREAS OF INTEREST:

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| 1. Image Processing |
| 2. Circuit Theory |
| 3. Digital Signal Processing |

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