



Electronics and Telecommunication Engineering Department

FACULTY PROFILE

Prof. Honrao Sachin B.



Qualification:	M.E. Electronics and Telecommunication Engineering Ph.D. Electronics (pursuing)*
Designation:	Assistant Professor & Head of Department
Date of Joining:	24/02/2017
Teaching Exp.:	14.5 Years
Industrial Exp.:	----
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Subject taught:

1. Microprocessor, Microcontrollers, Embedded Systems
2. Satellite Communications
3. Optical fiber Communication
4. Integrated circuits
5. Digital Electronics
6. Electronic Devices and Circuits
7. Analog Communication
8. Microwave Communication and Radar

Research/ Publications:

1. A technical paper on ‘Solar Energy based Automated Irrigation System’ is published in an international journal IJECCE, VOLUME- 4, ISSUE- 5 SEPT-2013. [ISSN(O):2249-071X]
2. A technical paper on ‘Energy Consumption’ is presented in a national level event held at Dy. Patil College of Engineering, Pune.
3. A technical paper on ‘Finger print Recognition based on Texture Feature’ is published in an international journal IJETT VOLUME- 21, NUMBER- 7 MARCH 2015. [ISSN:2231-5381]
4. A technical paper on ‘Design & Implementation of Automatic fire alarm system based on wireless sensor n/ws’ is published in an international journal IETIR VOLUME- 2, ISSUE - 9, SEPT 2015. [ISSN:2349-5162]
5. A technical paper on ‘Advance Border Security using Android Mobile’ is published in an international journal IJARIIE VOLUME- 2, ISSUE- 3, 2016. [ISSN(O):2395-4396]
6. A technical paper on ‘MULTI STANDARD TRANSFORM CORE USING CSDA’ is published in an international E-

	<p>journal IJARIE VOLUME- 2, ISSUE- 3, 2016 [ISSN(O):2395-4396]</p> <ol style="list-style-type: none"> 7. A technical paper on ‘THERMAL IMAGING AS BIOMETRICS APPROACH TO FACIAL SIGNATURE AUTHENTICATION’ is published in an international journal JETIR VOLUME- 2, ISSUE- 10, OCT 2015. [ISSN:2349-5162] 8. A technical paper on ‘ENERGY EFFICIENT LOW-COST STABLE POWER MANAGEMENT SYSTEM IN HIGH-SPEED SINGLE PHASE INDUCTION MOTOR’ is published in an international journal IJETR VOLUME-03, ISSUE-01 Jan 2015. [ISSN(O):2321-0869] 9. A technical paper on ‘IoT based Data Logger System for Weather Monitoring using WSN.’ is published in an international E-journal IJOER VOLUME- 04, ISSUE 04 2016. [ISSN(O):2321-7758] 10. A technical paper on ‘Review paper based on Monitoring conditions of Vehicle and Avoid Accident by Using’ is published in an international E-journal IJAIEM Volume 6, Issue 3, March 2017 [ISSN 2319 – 4847] 11. A technical paper on ‘Benefits of Smart Traffic systems (STS) and Different Techniques Used for It’ is published in International Journal of Recent Technology and Engineering (IJRTE)’, ISSN: 2277-3878 (Online), Volume-8 Issue-6, March 2020. Page No.: 1133-1137.
<p>Training/ Workshop attended:</p>	<ol style="list-style-type: none"> 1. A training program on faculty development program [FDP] organized by Dr. Kahalekar S.G. [S.G.G.S.I.E.T., NANDED] AT ADITYA ENGINEERING COLLEGE, BEED, Maharashtra [India], 21-22 Feb 2015. 2. Short Time Training Program [STTP] organized on ‘Aspects of MATLAB tools in communication, control & signal processing with Simulink’ conducted by department of Electronics & Telecommunication Engineering, J.N.E.C, Aurangabad, Maharashtra [India], 28 Nov- 3 Dec 2016. 3. One week faculty development program [FDP] on ‘IoT & Software architecture’ organized by department of computer science & engineering, Dr. B.A.T.U. Lonere, Maharashtra [India]. 4. Short term faculty development program [FDP] of one week on ‘Research Methodology in Science & Technology’ conducted by department of Education & Extension, S.P.P. University, Pune, Maharashtra [India], 14-21 Jan 2019. 5. One week Faculty Development Program on “Cyber Security & data science” under PMMMMNMTT at SKN Sinhgad College of Engineering, Korti, Pandharpur, 16-21 Dec 2019. 6. One day online webinar on ‘NAAC Assessment & Accreditation Process’ organized by SRTM University, Nanded, Maharashtra [India], 10/07/2020. 7. One-week online faculty development program [FDP] on

- “Emerging Technologies: RHCSA & AZURE” organized by department of Computer Science & Engineering, DIEMS, Aurangabad, Maharashtra [India], 26-30 June 2020.
8. A meeting “Let’s Meet 20 Minutes- A Series of Experts Talk” organized by Higher Education & Research Society, Mumbai, 26 May 2020.
 9. Three Day Online FDP “Preparing for NBA Accreditation with a Case Study of Course and Program Outcomes Attainment” organized by IQAC of AISSMS IOIT Pune, 11 to 13 Jun 2020.
 10. Three Day an online International Technical Symposium on "Opportunities and Challenges in Industry 4.0 " organized by Industry Cell and Department of Electronics and Telecommunication of G.S. Mandal's Maharashtra Institute of Technology, Aurangabad and Supported by GIZ MSME INNO Project, 15-17 June 2020.
 11. General Knowledge Quiz organized by Radhai Mahavidyalaya, Aurangabad, Maharashtra [India], 20 June 2020.
 12. Computer Science Quiz organized by Radhai Mahavidyalaya, Aurangabad, Maharashtra [India], 20 June 2020.
 13. Webinar on “Opportunities & Challenges for Electronics Engineer” conducted by Department of Electronics and Telecommunication Engineering, G.S. Mandal’s Maharashtra Institute of Technology, Aurangabad, Maharashtra [India], 03 July 2020
 14. One-week online faculty development program on “Internet of Things (IoT)” organized by ATAL academy at KSR institute of Engineering & Technology, 7-11 sept 2020
 15. Three days faculty development program (FDP) on “Written communication for Digital Teaching, Administration, & Research” Matoshri Pratistans Group of Institutions, School of Engineering, Nanded & Dr. B.A.T.U. Lonere, 22-24 March 2021.
 16. One-week online faculty development program [FDP] on “Applications of Industry 4.0 & IoT in the field of Engineering and Medical” organized by department of Electronics & Telecommunication Engineering, DIEMS, Aurangabad, Maharashtra [India], 27-31 July 2021.
 17. Three days online workshop on “Embedded system – an application driven approach” organized by AICTE, ATAL Academy, & STM Microcontrollers & ARM Education, 25-27 August 2021.
 18. One-week offline state level faculty development program [FDP] on “Advance Pedagogy & Effective use of Information and Communication tools” at Govt. polytechnic Beed, 6-10 March 2023.

Role and Responsibilities:

1. Head of department Electronics & Telecommunication Engineering Department
2. Mentee (teacher gardian) for students
3. Departmental planning in-charge
4. Academic time table (department) in-charge
5. Lab incharge control system & power electronics lab
6. Website updating
7. Semester report (academic audit)
8. QPD officer for winter 2022 Examination

Committee Involvement:

1. Member (Teacher Coordinator) of IQAC Cell.
2. NAAC Criteria head for criteria-3
3. Chairman of student Counselor committee
4. Chairman of scrutiny committee admission process 2022-23