



Yogita Sandeep Rathod

Assistant Professor, E&TC Department

ME (Electronics)

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Area of Interest(s): **Solid State Devices & Circuits**

Education:

- M.E (Electronics), JNEC, BAMU, Aurangabad
- B.E (Electronics), SPPU

Experience:

- Assistant Professor SNJB's KB Jain College of Engineering, Chandwad, since 3rd August 2006.

Courses / Subjects Involved With :

1. Electronics devices and circuits
2. Antenna & Wave Propagation
3. Analog Communication
4. Digital signal Processing
5. Power Electronics
6. Information Theory and Communication Network
7. Embedded Signal Processor

Publications:

National Conference:

1. Y. S. Hon, "Harmonic Reduction System using Active Filter" in National Conference "Recent Trends in Instrumentation and Control Engineering", March 2010
2. "Yogita S Hon", "4G Technology", "AVCOE Sangamner", Date: 29 January 2009

International Conference:

1. Y. S. Hon, "Harmonic Reduction System" in International Conference "Computational Intelligence & Application", March, 2010.
2. Y. S. Hon, "Energy Optimization and power scheduling in LPSN" in International Conference "ICRTET2014", Vol. 3, March 28-30, 2014.
3. "Yogita S Hon","Smart Memories", MC Graw Hill Publication,Date: 2-4 July 2015
4. Sonali Oswal , Yogita S Hon", "Implementation of Multiplication algorithm using Vedic Mathematics", MC Graw Hill Publication,Date: 28-30 April 2016.
5. "Gayatri Duberkar , Yogita S Hon","Design of FPGA's High Speed Configurable Logic Units", MC Graw Hill Publication, Date: 28-30 April 2016.
6. "Sonali Jadhav , Yogita S Hon"," Efficiency Improvement in Bufferless NOC", MC Graw Hill Publication, Date: 28-30 April 2016
7. Yogita S Hon" FPGA based Implementation of SDR Transceiver", ICRTET 2018, Date: 30-31 May 2018
8. Prof. Bamb Kalpesh, Prof. Rathod Yogita.S , Prof. Baste Swati B "Combined Approach of Artificial Intelligence and Data Science for Database Management – A Review " ICRTET 2021, Date: 15-16 Nov 2021

International Journal:

1. Y. S. Hon, "Harmonic Reduction System using Active Filter" in International Journal "International Journal of Electronics, Communication & Instrumentation Engineering Research & Development. (IJECIERD)",Vol. 3, Issue 3, pp. 45-52, August, 2013.
2. Sonali Jadhav & Yogita Hon,"Efficiency Improvement in Bufferless NOC" IJMTER, ISSN:2349-9745,Vol 3 Issue 7 July 2016.
3. Prerna Shewale & Yogita Hon, "Voice & Face Detection Robot" IJREAM, ISSN: 2454-9150,Vol 3,Issue 9 Dec 2017.
4. Bhupendra Jamkhedkar, Rushikesh Dukale, Vaibhav Savkar, Pushpa Aher, Prof. Yogita Rathod, IOT Based Irrigation System for Polyhouse" International Journal of Innovative Research in Computer And Communication Engineering, e-ISSN: 2320-9801, Volume 8, Issue 3, March 2020.

M.E. Students Guided:

1. Sonali Ostwal
2. Gayatri Duberkar
3. Sonali Jadhav
4. Prerna Shewale

Expert Lectures Delivered :

1. "Introduction to Basic electronics components" for TY students of HHJB polytechnic chandwad & Gurukul Polytechnic Nandgaon on 21/5/2020.

Workshops / Seminar / STTP Coordinated:

1. Seminar on Female Hygiene on 3 Jan 2017.
2. Seminar on Health issues related to females on 26 July 2017.
3. Identification of Basic electronics Components & their Need in Industry by Mr. Sanjay Chaudhari on 19th July 2018.
4. Personality Development Stress and Time Management by Mr. Sukumar Gaur on 27th July 2018.
5. Expert talk on "Significance of Nutrition in maintaining Women Health" on 24 Sept 2019.
6. Expert talk on "Dangerous of Self Medication" on 25 Sept 2019.
7. Expert talk on "Evaluation of PO and PSO attainment" on 20 Oct 2020..
8. Expert session on "Problem Solving Techniques of BCH and RS and code" on 15 may 2021.
9. Expert session on "Future in Electronics as an Entrepreneur" on 19 Aug 2021.
10. 2 Days Workshop on "Girls Empowerment" on 3 and 4 Feb 2022.

Workshops / Seminar / STTP Attend:

1. Attended "One Day Workshop on Syllabus Exploration for TE E&TC 2008 Course" at Sinhgad Institute of Technology & Science, Narhe, Pune on 7th Feb 2011.
2. Attended "Three Days Faculty Orientation Workshop on SE E&TC Revised syllabus 2015 Course" at MES College of Engineering, Pune . 9-11 June 2016.
3. Attended "One Day Workshop on "Intellectual Property & Patent life cycle management" at SNJB COE Chandwad.
4. Mission 10X organized by Wipro on 7th to 11th September 2009 at SNJB's LSKBJ COE Chandwad

5. NPTEL Certification in Elite + Silver category with Full FDP on **“Introduction to Research”**
6. NPTEL Certification in Elite category with Half FDP on **“Stress Management”**
7. FDP on Theory, Operation and Applications of Transducers and Actuators in Industry organized by National Institute of Teachers' Training and Research Kolkata on 30/12/2019 to 3/1/2020
8. One week Faculty Development Program on **“ARDUINO”** in E&TC Engineering Department of JSPM'S Rajarshi Shahu College of Engineering, Tathawade, Pune from 25/04/2020 to 30/04/2020.
9. One day Online Faculty Orientation Workshop on SE(E&TC/Electronics) Revised Syllabus 2019 Course for the Subject Employability Skills Development Organized by Department of E&TC , Hope Foundation's International Institute of Information Technology (I2IT), Pune, on 21 Jan 2021.
10. Faculty Orientation Workshop on SE(E&TC) revised syllabus (2019C) under the aegis of Board of Studies (E&TC/Elex.), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, Imperial College of Engineering & Research, Wagholi, Pune from 22/06/2020 to 26/06/2020.
11. One week online FDP on Innovative Teaching Pedagogy in Technical Institutions, organized by MVPS's KBT COE Nashik during 1/06/2020 to 5/06/2020.
12. **“Faculty Awareness Program on NAAC Accreditation”** Organized by RD's Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune-412206 conducted online during the period of 10/05/2020 to 15/05/2020.
13. One week online FDP on **“Pedagogical techniques in Electronics and Electrical Engg.”** organized by Walchand College of Engg. Sangli from 10/8/2020 to 14/8/2020.
14. One week Faculty Development Program on **“Problem Based Learning”** organized by the Department of Electronics and Telecommunication Engineering, JSPM's Rajarshi Shahu College of Engineering, Pune from 1st June to 5th June 2020.
15. Online Faculty Orientation Workshop on SE E&TC Revised Syllabus 2019 course for the subject Principles of Communication System organized by BOS E&TC, SPPU and Dr. D Y Patil Institute of Technology , Pimpri, Pune on 18/1/2021 to 20/1/2021
16. AICTE sponsored Short Term Training Program on **“Cybersecurity and Blockchain Technology”** organized by Department of Information Technology, Sanjivani College of Engineering, Kopergaon, Maharashtra from 11th Jan. 2021 to 16th Jan. 2021.
17. Online Faculty Orientation Workshop on TE E&TC Revised Syllabus 2019 course for the subject Digital Communication organized by BOS E&TC, SPPU and Department of E&TC Engineering, Army Institute of Technology, Pune, Pune on 22/7/2021 to 24/7/2021

18. One Week Online STTP/Refresher Program on Project Based Learning” organized by Department of E&TC, AISSMS COE Pune in association with BoS(E&TC) SPPU & ISTE New Delhi from 21/02/2022 to 26/02/2022.
19. Faculty Orientation Workshop on TE(E&TC) revised syllabus (2019 Course) under the aegis of Board of Studies (E&TC/Elex.), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune from 27/01/2022 to 29/01/2022.

Administrative Responsibilities:

1. Working as coordinator of “Vidyarthini Arogya Prabodhan” from Jan 2017 to till date.
2. Worked as “Assistant Senior Supervisor” for FE online exam at SNJB’S COE, Chandwad in Academic Year 2014-2015.
3. Working as member of “Internal Complaint Committee” from Jan 2017 to till date.
4. Working as member of “Anti Ragging Committee” from Jan 2017 to till date.
5. Worked as Incharge of “Admission Counselling Centre” for Niphad region in Academic Year 2019-2020.
6. Working as a NAAC Coordinator for Criteria 6 from A.Y. 2019-20
7. Worked as a E&TC Department Timetable Coordinator from 2008 to 2016
8. Worked as a E&TC Department Deadstock Coordinator from 2016 to 2019
9. Working as a E&TC Department Project Coordinator from A.Y. 2019-20
10. Working as a E&TC Department NAAC Coordinator from A.Y. 2019-20
11. Working as NBA Criteria 1 coordinator from Feb 2021.
12. Working as a SE Class Coordinator from 2017
13. Worked in Department level FE admission activity at Nanashi(Peth) Area(2019)
14. Worked as Incharge of “Admission Counselling Centre” for Lasalgaon region in Academic Year 2021-2022.

Professional Membership:

Associate member of “Institution of Engineers”.

