

Anupama Santosh Chaurasia

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CAREER HIGHLIGHTS AND ACHIEVEMENTS:

- Currently working as **Assistant Professor and Training Placement Coordinator** in **Electronics and Telecommunication Engineering Department** at K. C. College of Engineering and Management Studies and Research, Thane.
- Worked as **coordinator and Judge for Hackathon Events organized by institute** conducted at Institute level/National Level twice since 2020.
- Was appointed as **Primary Evaluator and Judge for Toycathon 2021**.
- Conducted session on Antenna Design Session as a **resource person** in February 2022 at Xavier's Institute of Engineering, Mahim.
- **Reviewer** for many IEEE, Internal Conferences
- Attended many **FDPS/STTP/Webinars on IOT, AR/VR Technology, Antenna Design, Python Programming, 5G**
- Completed various **certification courses on Data Science, Robotic Process Automation (RPA) Tool, Antenna Design, Microwave Engineering, Python Programming**.
- Certified **Educator of Associate Developer Blue Prism RPA Course** by Eduskills Foundation.
- Appointed as **Institute Level Coordinator of Avishkar Research Convention** since 2019.
- Recognized as an instructor at **Cisco network academy program**
- Appointed as **Syllabus Setter** for the revised course of Electronics and Telecommunication Engineering, University of Mumbai, Microwave Engineering and Microstrip Antenna for final year 2022 Semester 7 and 8 respectively.
- **Secured Elite plus Silver badge in NPTEL Online course** on Microwave Theory and Techniques with 81% score.
- Scored 84 % (listed among 1% toppers) in **Soft Skill Development NPTEL Online Course**
- Thorough understanding of the subjects taught.
- Expert in handling internal tasks that are allotted within the department or institution.

EDUCATIONAL QUALIFICATION:

Examination	University/Board	Month/Year of passing	Cumulative Grade Point Aggregate (CGPA) /Percentage	Class/Division
M.E. EXTC	Univeristy of Mumbai (K. J. Somaiya College of Engineering , Vidyavihar)	Feb, 2014	71.08%	First with distinction
B. Tech. EXTC	Dr. Babasaheb Ambedkar Technological University	May, 2008	8.52 CGPA	First with Distinction
A.I.S.S.C.E(12 th)	C.B.S.E.(K. V. Karanja, Uran, Raigad)	May, 2004	86%	First with Distinction
A.I.S.S.E(10 th)	C.B.S.E.(K. V. Karanja, Uran, Raigad)	May, 2002	85.8%	First with Distinction

TEACHING EXPERIENCE:

Institute	Post	Discipline	Duration
K. C. College of Engineering and Management Studies and Research, Thane	Assistant Professor	Electronics and Telecommunication Engineering	2 nd Aug 2010 till date
Padmabhushan Vasantdada Patil Pratishthan's College of Engineering, Sion	Lecturer	Electronics and Telecommunication Engineering	22 nd Feb 2010 to 7 July 2010
K. J. Somaiya College of Engineering, Vidyavihar	Lecturer	Electronics and Telecommunication Engineering	5 Jan, 2009 – 3 rd Feb, 2010

INDUSTRIAL EXPOSURE (as a part of curriculum):

Industry	Year / Duration	Description
Saint Gobain Abrasives, Grindwell Norton Ltd., Mora, Raigad.	July, 2005 (2 Weeks)	Property & Performance Evaluation of Resin Bonded wheels
B.S.N.L., Telecom Factory, Mumbai.	June, 2006 (4 Weeks)	Optic fiber connectorisation
B.S.N.L., Telecom Factory, Mumbai.	May, 2007 (6 weeks)	Coin box telephone

SUBJECTS TAUGHT:

- Electromagnetics and Antenna
- Augmented and Virtual Reality
- RF Design(CBCS)
- Microwave Engineering(CBCS)
- Antenna Radio Wave Propagation (CBCS)
- Electromagnetic Engineering (CBCS)
- Radar Engineering (CBCS)
- Microwave and Radar Engineering (CBGS)
- Advanced Communication Laboratory-II (CBGS)
- Fundamentals of Microwave engineering (old)
- Advanced Microwave Engineering (old)
- Satellite Communication (old)
- Satellite Communication and Network (CBGS)
- RF Circuit Design (old)
- RF Modeling and antennas (CGBS)
- Industrial economics and Telecom regulation (old)

PAPER PRESENTED & PUBLISHED:● **NATIONAL CONFERENCE:**

1. "Sender based data transmitting method for Wireless Ad Hoc network" in National Conference on Emerging Technologies and Applications in Engineering and Sciences on Feb 3rd -4th, 2011 at Saraswati College of Engineering, Kharghar, Navi Mumbai

● **INTERNATIONAL CONFERENCE:**

1. "Digital Audio Watermarking using Perceptual Masking: A Review" published in **International Organization of Scientific Research journal of Electronics and Communication Engineering** Vol. 4 Issue 6, Jan- Feb2013

2. "Copyright Protection by Digital Audio Watermarking using Improved Spread Spectrum with Perceptual Masking" published in (Print & online) in **International Journal of Global Technology Initiatives** at the 2nd International Conference on Global Technology Initiatives on 29th and 30th March 2013 organized by Rizvi College of Engineering, Bandra
3. "Performance Evaluation of Novel Digital Audio Watermarking Technique Designed for Copyright Protection Application", presented in International Conference on Electronics and Computing Technologies (ICONECT'14) at K.C. College of Engineering and Management Studies and Research on 15th March 2014 published in **International Journal of Engineering Research and Technology**.
4. "A Review Paper on Aerogel Innovations" presented in International Conference on Electronics and Computing Technologies (ICONECT'15) at K.C. College of Engineering and Management Studies and Research on 12th March and 13th March 2015 published in **International Journal of Advanced Research in Computer Science and Software Engineering**, Volume 5, Issue 3, March 2015 ISSN: 2277 128X ISBN: 978-93-84698-03-4.
5. "A Review Paper on Dielectric Resonator Antenna for WLAN Applications" in International Conference on Electronics and Computing Technologies (ICONECT'16) at K.C. College of Engineering and Management Studies and Research on 10th and 11th March 2016 published in **International Journal of Advanced Research in Computer Science and Software Engineering**, Volume 6, Issue 3, March 2016 ISSN: 2277 128X ISBN: 978-93-84698-06-5.
6. A paper presented in International Conference at EQUINNOX-2020, Terna College of Engineering on Water Purification and Quality Monitoring System
7. Published Paper Titled: Design Agriculture Robot (AgriBot) for Soil Monitoring and Water Monitoring in **International Journal of Advanced Research in Science, Communication and Technology**, Volume 5, Issue 1, May 2021, ISSN No: 2581-9429
8. Published Paper on ReadAR –An AR book Mobile Application, in **GIS Science Journal**(UGC Care Approved), Volume 8 Issue 5, May 2021, ISSN No. 1869-9391
9. Submitted a research proposal titled ReadAR – An AR book Mobile App in Engineering and Technology category and UG level for the Selection Round of **15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-21 for zone**.
10. Presented paper on Design and Implementation of an on-grid Inverter using H Bridge Schematic with PWM techniques and Loss Estimation and Harmonic Analysis in **WEECON 2021 International Conference** scheduled on 23 & 24 December 2021 organised by **ISSET Research India** in association with **IEI Vietnam**.
11. Published the paper on Design and Implementation of an on-grid Inverter using H Bridge Schematic with PWM techniques and Loss Estimation and Harmonic Analysis in **proceedings of 1st International Conference** on Water, Energy Environment scheduled on 23 & 24 December 2021 organised by **ISSET Research India** in association with **IEI Vietnam**. ISBN: 978-81-954872-4-0
12. Presented paper on Ibackpack: An AR tour Guide App, in **MCEST 2022**, on 27th and 28th May 2022, organised by Sahyadri college of Engineering and Management, Mangalore and ICT Academy
13. Published paper on Machine Learning Based Resume Recommendation System, in **International Journal of Modern Developments in Engineering and Science** Volume 1, Issue 3, March 2022, ISSN: 2583-3138

- **POSTER PRESENTATION** on Water Purification and Quality Monitoring System at Avishkar Research Convention 2019-20 held at RAIT, Nerul, on December 2019

MEMBERSHIP OF PROFESSIONAL BODIES:

I.S.T.E. Lifetime membership: Membership Number LM 87816 (w.e.f. 2013)

STTPS, WORKSHOPS, FDPS, SEMINARS, CONFERENCES ATTENDED:

- One week ISTE approved STTP on 'The Role of Basic Sciences in Today's Engineering and Technology' at K.C. College of Engineering and Management Studies and Research from 10th Jan to 14th Jan 2011.
- One day orientation program on 'Wireless Networks and Advanced Microwave Engineering' at K.C. College of Engineering on 28th Jan 2011.
- One week ISTE approved STTP on 'Advancement in Electronics and Telecommunication Technologies' at K.C. College of Engineering and Management Studies and Research from 17th Jun to 21th Jun 2013
- Completed NPTEL Online 20 Hours Course Jul –Sep 2016 with certification on Soft Skill Development with 84 % score (Elite Class).
- One day Talk 'Crest- A TPO and Co ordinator Assembly', on 7th October 2016 at Peninsula Hotel, Andheri, East organized by Triumphant Institute of Management Education Pvt. Ltd., Mumbai
- One week ISTE approved FDP on Next Generation Technologies in Electronics and Telecommunication from 16th Dec – 22 Dec 2016 at K.C. College of Engineering and Management Studies and Research.
- Attended orientation program on Radar Engineering at Thakur College of Engineering and Technology on 10 January, 2019
- Attended One day Professional Development Training Program on Executive Presence by Renew Aura, on 3rd May 2019 at KCCEMSR,
- Attended orientation program on Microwave Engineering at Atharva College of Engineering on 5th July 2019
- Attended Seminar on Advances in RF Measurement and The Project Competition during IETE Innovation MEET- 2019, on 22nd October 2019 at SAKEC, Chembur.
- Completed Solar Training Program conducted by kWatt solutions on 14th September 2019 at KCCEMSR
- Completed NPTEL Online Certification on Microwave Engineering on 16 November (12 Weeks July-October 2019 course)
- Participated in ATAL FDP on Data Science from 18 November 2019 to 22 November 2019
- Attended one week STTP on Block chain and its application from 2nd Jan to 7 Jan 2020
- Attended Orientation Program on RF design on 8th January 2020 at SIES Nerul, Navi Mumbai
- One day workshop on Arduino organized by Teaching Learning Centre , ICT, at IIT Bombay, funded by PMMMNMTT,MHRD, on 8th February 2020, held at Terna Engineering College , Nerul
- Attended 3 days Webinar on Happiness & Harmony from 27th April to 29th April 2020 organized by Human Value Education Cell in collaboration with Department of H&AS of KCCEMSR.
- Attended one week online FDP on Moodle LMS organized by Sinhgad Institute of Technology, Pune in association with Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India. From 1st May 2020 to 6th May 2020
- Attended Webinar on ML on 2nd May 2020 hosted by IETE (MUMBAI) in association with PANTECH
- Attended Webinar on IOT on 4th May 2020 hosted by IETE (MUMBAI) in association with PANTECH
- Attended one week online FDP on Scilab Training organized by S.B. Jain Institute of Technology, Management & Research, Nagpur in association with Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India. From 4th May 2020 to 9th May 2020
- Attended Webinar on 8th May 2020 hosted by IETE (MUMBAI) in association with PANTECH
- Attended online FDP on Research Funding Projects and IPR organized by KCCEMSR from 7th May to 10 May 2020
- Completed online Faculty Program on NBA organized by BVCOE, Navi Mumbai on 9th May 2020
- Completed the Faculty Awareness Programme on Outcome Based Education and NBA Accreditation organized by Sinhgad Institute of Technology and Science, Pune on 9th May 2020

- Webinar on Antenna Design through simulation using TaraNG:19.1 on 18th May 20220 organized by PHCOE, Panvel
- Hands-on Workshop on Effective and Efficient Online Teaching in the age of CORONA on 23 May 2020, organized by TLC ICT, IIT Bombay
- Webinar on Recent Trends in High Frequency Applications organized by Manipal University on 25 June 2020
- Webinar on Recent Trends in Microwave Engineering and IOT, organized by DJ Sanghvi College of Engineering, on 6 and 7 June 2020
- FDP on Game pedagogy in Outcome based Education, 11 and 12 June 2020, organized TPC , KCCEMSR
- FDP on LMS tools on Teaching and Learning, organized by KCCEMSR, 16 to 19 June 2020
- Organized and Attended Webinar on Design of Microwave Amplifier sand Quality in Electronics Manufacturing on 18 July 2020
- Webinar on Effective and Efficient Writing of research papers for the web of science, Scopus Indexed Journal and conference papers using typeset Research Studio and Nexus international Company 29th August 2020, organized by RAMCO Institute of Technology
- Completed online course on Basic of Remote Sensing GIS and Global Navigation Satellite system 17 August 2020 to 20 November 2020 organized by IIRS Dehradun
- Completed NPTEL Online Certification on Microwave Theory and Techniques with 81 % score, Sept to December 2020 (12 weeks) course
- 5 days ATAL FDP on Sensor Technology (1 to 5 October, 2020), IOT (2 to 6 November 2020) , Cyber Security(9 to 13 November, 2020) , AR/VR (30 November to 4 December, 2020), and AI (4to 8 January 2021)
- Attended STTP on “VLSI Design from Basic to Advance” Organized by VLSI Learning Centre of Electronics & Telecommunication Department under the banner of IETE in association with CADENCE DESIGN SYSTEM and NXP SOLUTIONS from 25th January to 30th January, 2021.
- Completed courses on AI for Everyone: Master the basics and Python basics for Data Science offered by IBM through eDx portal. February 2021
- Completed FDP on Antenna Design and Analysis , 1 to 6th March 2021
- Attended Workshop on Avishkar Research Convention 2021 organized by DSD, University of Mumbai on 24 March 2021
- Attended Webinar on “Newly Launched Education Policy 2020"organised by IQAC and Department of Information Technology, KCCEMSR, on 3rd April, 2021
- Completed course on Python offered by GUVI on 20 April 2020
- Completed course on IOT offered by CISCO Networking Academy on 5th May 2021
- Completed course on Build a Face Recognition Application using Python and Game development using Pygame offered by GUVI on May 12 and 17 2021