

Faculty Details



MS. POONAM MORE

ASSISTANT PROFESSOR (ELECTRONICS AND COMMUNICATION DEPARTMENT)

PROFILE

- Mentored 25+ B. Tech Projects
- Publications in International Journal:
- Publications in International Conferences:

COMPETITIVE EXAM SCORES

- **GATE (2011)** : 78.77 percentile
- **GATE (2020)** : 84.15 percentile

RESEARCH INTEREST

- Cryptography
- Design Thinking
- Machine Learning
- Data Analytics
- Embedded Systems

CONTACT



FACUTLY ROOM, SECOND
FLOOR, NORTH WING, UMIT, SNDTWU,
MUMBAI-400049.



poonam.more@umit.sndt.ac.in

EDUCATION

B. TECH in Electronics & Communication Engineering

UMIT, S.N.D.T Women's University, Mumbai (Maharashtra), 2004 – 2008.

M. Tech in Electronics & Telecommunication Engineering

Dr. Babasaheb Ambedkar Technological University, Lonere (Maharashtra),
2011 – 2013.

WORK EXPERIENCE

Assistant Professor

Dept. of Electronics and Communication Engg., UMIT, SNDTWU, 2014 – present.

Assistant Professor

Dept. of Electronics and Telecommunication Engg., Dr. BATU, Lonere, 2013 –
2014.

Visiting Lecturer

Dept. of Electronics and Communication Engg., UMIT, SNDTWU, 2008 – 2011.

PUBLICATIONS

International Journals published-07

1. Ms. Purva K, Dr. Seema H, Ms. Poonam M, "Emotify: Real-Time Emotion-Based Music Player", International Journal of Engineering Research & Technology (IJERT), Vol. 14 Issue 05, May-2025, ISSN: 2278-0181.
2. Dr. Vilas Kharat, Poonam More, Rutuja Rewale, Khushi Pandey, Neha Adepu, Dimple Sawant, "Life in The Golden Hour: Statistical Analysis of Road Accidents in India and Optimization of Medical Emergency Kit", International Research Journal of Engineering and Technology (IRJET), Vol. 12, Issue 03, pp. 77-85, March 2025, e-ISSN: 2395-0056.
3. Seema Hanchate, Poonam More, Ashwati Kunjirama, Shweta Bhalla and Soumya Iyer, "Moodsync Based Music System using Emotion Detection", International Journal of Microsystems and IoT (IJMIT), Vol. 2, Issue 10, pp. 1310-1316, 2024, ISSN: 2584-0495.
4. Mugdha Korade, Umme Hani Mun, Aarya Kulkarni, Poonam More, "Detection and Indication of Faulty Contactors in an APFC Panel", International Journal of Novel Research and Development (IJNRD), Volume 8 Issue 5, May-2023, Date of Publication: 2023-05-10, ISSN: 2456-4184.



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5. Sudha Chavan, Namrata Malik, Chanda Sumber, Ms. Poonam More, "NFC Based Bill Collection System for Mall's Using IOT", International Journal for Research in Engineering Application & Management (IJREAM), Vol-02, Issue 11, 2017, ISSN : 2454-9150
6. More Poonam M, Prof. Khobragade Sanjay V., "Image Security Solution Based on Chaos", IJPRET, 2013; Volume 1(8): 801- 808.
7. Priyanka Bhoyar, Jahnvi Khandare, Sayali Rangari, Ms. Poonam More "Vegetable Plant Leaf Disease Detection using CNN Algorithm", Journal of Information and Computational Science (JOICS)(An International Open Access Journal) , Volume 11, Issue 6 – 2021, ISSN: 1548-7741.

International Conferences – 06

1. Ms. Purva K, Dr. Seema H, Ms. Poonam M, Ms. Janhavi A. , "Real-Time Facial Expression Recognition Using Deep Learning", 9th International Conference on Engineering Research and Innovation (ICERI-2025), organized by Terna Engineering College(TEC), Nerul, Navi Mumbai, in association with ICT Academy, Chennai, held on 20th & 21st March, 2025 in Virtual Mode.
2. Ms. Raksha C., Ms. Anisha R., Dr. Seema H, Ms. Poonam M, Ms. Janhavi A. , "Pothole Tracker", 9th International Conference on Engineering Research and Innovation (ICERI-2025), organized by Terna Engineering College(TEC), Nerul, Navi Mumbai, in association with ICT Academy, Chennai, held on 20th & 21st March, 2025 in Virtual Mode.
3. Ashwati K., Shweta B., Soumya I., Dr. Seema H., Poonam M., "Moodsync Based Adaptive Music System", 4th International Conference on Nanoelectronics, Machine Learning, Internet of Things& Computing Systems(NMIC-2024) organized by ISVE at Advanced Regional Telecom Training Centre, BSNL, Hazaribag Road, Ranchi-835217, Jharkhand, India during April 13-14th, 2024 in Virtual Mode.
4. Ms. Anusha Bharati, Ms. Ritika Thakur, Ms. Poonam More, "Disaster and Security Management System for Smart Cities using Internet of Things", published in proceedings of 6th International Conference on Global Technology Initiatives (ICGTI), Volume 6, Issue 1, 2018, ISSN 2320-1207
5. More Poonam M, Prof. Khobragade Sanjay V., "Chaos based Image Security Solution for Social Networking Sites", published in proceedings of International conference on Electronics Engineering and Grid System, 21st April, 2013, at Mumbai.
6. More Poonam M, Prof. Khobragade Sanjay V., "Image Security Solution Based on Chaos", published in proceedings of International Conference on Emerging Trends & Research in Engineering & Technology, 30'th & 31'th March 2013, at Amravati.

AWARDS /SPECIAL RECOGNITION

1. Awarded appreciation for being **active Organizing Committee member** in various AICTE funded as well as self-financed FDPs, STTPs, workshops, and project competitions held at UMIT, SNDTWU.
2. Awarded appreciation for being **Coordinator** in **International Conference IETE Cynosure**, ICCEE-2013 at Dr. Babasaheb Ambedkar Technological University, Lonere – Raigad.
3. Received a **Certificate of Appreciation for Mentoring** the team and guiding the project for **Avishkar Project Competition at University-Level & State-level** (2022 & 2025).
4. Received a **Certificate of Winner for Mentoring** the project team at **TOYCATHON – 2021 National Level Competition**.
5. Received a **Certificate of 1st Prize Winner** in **Discussion** held during Educational Excursion of Yoga Teacher's Training Course organized by Yoga Vidya Niketan (Dadar) in the year 2018-19.
6. Received a **Certificate of 1st Prize Winner** of **Poster competition** of Yoga Teacher's Training Course organized by Yoga Vidya Niketan (Dadar) in the year 2018-19.
7. Received a **Certificate of 2nd Prize Winner** in ENIGMA in **IEEE inter-collegiate technical festival 360 Degrees** in February 2008.
8. Received a **Certificate of 3rd Prize Winner** in ENIGMA in **IEEE inter-collegiate technical festival 360 Degrees** in February 2007.
9. Invited as **Session facilitator**, "**JOIN THE BANDWAGON OF MACHINE LEARNING**", Workshop (online) conducted at Shri Bhaghubhai Mafatlal Polytechnic on 8th & 9th September 2023.
10. Invites as **Session facilitator**, "**Design Thinking**" Workshop conducted by Institute Innovation Council, on 16th March, 2023, at UMIT, SNDTWU, Juhu, Mumbai.
11. Invites as **Session facilitator**, **Yoga Session** for First Year Students as a part of their induction program (24th November, 2022) at UMIT, SNDTWU, Juhu, Mumbai.
12. Invites as **Session facilitator**, **Yoga Session** on the occasion of International Yoga Day (21st June, 2019) at UMIT, SNDTWU, Juhu, Mumbai.
13. Invites as **Session chair**, "**National Conference on Computer, Electrical and Electronics Engineering (IETE Cynosure, NCCEE-2016)**" held at Dr. Babasaheb Ambedkar Technological University, Lonere-Raigad, 2016.



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ADDITIONAL RESPONSIBILITIES/DUTIES ASSIGNED BY INSTITUTE AND UNIVERSITY

1. Website Information Maintenance **Team Member** for ENC dept. at UMIT, SNDTWU (2025 onwards).
2. **Course Coordinator** of 1st year Embedded Systems Minor Degree Program (2025 onwards).
3. **Course Coordinator and Digital Infrastructure handling** for Python course at CHETNA(2022 – 2024).
4. Handled various activities as **Coordinator** of Industry Institute Interaction Cell (IIIC) – UMIT (2023-2025).
5. Maintained UMIT Placement records for NAAC Criterion 5 at Institute Level and handled other NAAC related assigned responsibilities.
6. **Major Project and Mini project coordinator** at ENC dept. of UMIT.
7. **Seminar/ Technical Seminar coordinator** at ENC dept. of UMIT.
8. **Class Advisor** for undergraduate courses at ENC dept. of UMIT.

SUMMARY OF ACHIEVEMENTS OF MENTORED PROJECT GROUPS

Last 5 years Summary of Achievements of Project Groups under my mentorship

- ☐ Total number of University – level participation & prizes won: 02
- ☐ Total number of Divisional – level participation & prizes won: 01
- ☐ Total number of State – level participation: 02
- ☐ Total number of National – level participation & prizes won : 02

Detailed Achievements of Project Groups under my guidance/co-guidance in last 5 years

Sr. No.	Project Title/ Team Name	Details of Competition	Level of Competition	Participation/ Prize/Rank Awarded	Year	Group Members/ Department / Semester
1.	Quad Enabled Medical Delivery System for Trauma Care	ProTech 2025 (Technically co-sponsored by the IEEE Bombay Section)	National Level	1st Prize	2025	Dimple Sawant, Khushi Pandey, Rutuja Revale, Neha Adepu ENC Dept. / Sem VIII
2.	Quad Enabled Medical Delivery System for Trauma Care	Technovation IEEE Bombay section	Divisional Level (Bombay Section)	Special prize in Women in Engineering (WIE) Category	2025	Dimple Sawant, Khushi Pandey, Rutuja Revale, Neha Adepu ENC Dept. / Sem VIII
3.	Rain Protection Crop System	AVISHKAR	University-Level & State-level	1st Prize (University -level) & Participation (State-level) in Agriculture and Animal Husbandry discipline	2025	Bhargavi Gawade, Gauri More ENC Dept. / Sem IV
4.	Psychron – A Smart Alert System	AVISHKAR	University-Level & State-level	1st Prize (University -level) & Participation (State-level) in Engineering and Technology discipline	2022	Namrata Parab, Bharti Navale ENC Dept. / Sem VIII
5.	SURUCHI (Team Name: Quintet Code)	TOYCATHON	National Level	Winner (18 th Position in top 117 winners overall India.	2021	Sneha Thakur (ENC), Kanika Yadav (IT), Ramya Rajeshwari (CST), Bhairavi Vedak(IT), Dhanashree Kadam (ENC) Sem IV



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FUNDED PROJECTS

Sr. No.	Research Project Category	Research Project Title	Role	Amount Sanctioned	Date of Approval	Status
1.	Major Research Project (SNDTWU grant)	Design of Prototype and field testing of medical emergency system using Quadcopter	Co-Principal Investigator	Rs. 2,05,000/-	March 28, 2023	Ongoing
2.	Minor Research Project (SNDTWU grant)	Mood Synch: Mood Based Music Player and Light Environment	Co-Principal Investigator	Rs. 75,000/-	March 28, 2023	Completed. [2025]

ONLINE RESOURCE CREATED

- Online resource created for **Major Project Topic selection guidance (year 2025)** Link for video: <https://youtu.be/n1wMKINB-UU>
- Online resource created for **Z-Transform (year 2021)**
Link for playlist: https://www.youtube.com/playlist?list=plnkgA6jA8ym3qfzpgccdf_wcp-8ioeznh
- Online resource created for **Cyclic Code (year 2020)**
Link for playlist: https://www.youtube.com/playlist?list=PLNKGA6jA8yM2_vGonUUrDGoNYVCMaFd48
- Online resource created for few topics on **Linear Mapping (year 2020)**
Link for playlists:
 - <https://www.youtube.com/playlist?list=PLNKGA6jA8yM3xEeKluHzlwJvuGK5qQu0S>
 - <https://www.youtube.com/playlist?list=PLNKGA6jA8yM3ukKW7DKbWWQ8Bar9ae25>
 - https://www.youtube.com/playlist?list=PLNKGA6jA8yM1geWoudfl_CvsC1Q0gvW7z
 - <https://www.youtube.com/playlist?list=PLNKGA6jA8yM03crbuh2b9CgqTynq1Dtlw>
- Online resource created for **Conversion of Flip-Flops (year 2017)**
 - <https://youtu.be/QBc3jptFdro>
 - <https://youtu.be/oeT3v3h6AYo>

MEMBERSHIP/FELLOWSHIP OF LEARNED ACCREDITED ACADEMIC BODIES

- The Indian Society for Technical Education (ISTE)**
Life Membership number: **LM 128372**
- Dr. Babasaheb Ambedkar National Association of Engineers (BANAE)**
Life Membership number: **PLM – 01298**