



Laghu Singh Charitable Trust's (Regd.)

**THAKUR COLLEGE OF  
ENGINEERING & TECHNOLOGY**

Autonomous College Affiliated to University of Mumbai

Approved by All India Council for Technical Education (AICTE) and Government of Maharashtra (GoM)

Conferred Autonomous Status by University Grants Commission (UGC) for 10 years w.e.f. A.Y. 2019-20

Among Top 250 Colleges in the Country where NIRF India Ranking 2020 in Engineering College category

• ISO 9001:2015 Certified • Programmes Accredited by National Board of Accreditation (NBA), New Delhi

• Institute Accredited by National Assessment and Accreditation Council (NAAC), Bangalore

Website : www.tcetmumbai.in

Date: 06-02-2023

**University of Mumbai - TCET Ph.D. Centre - List of Ph.D. (Technology) Students**

**Department of Electronics & Telecommunication Engineering**

**1) Ph.D. Degree Awarded:**

SR. NO.	NAME OF CANDIDATE	BRANCH	DATE OF ADMISSION/ UNIVERSITY REGISTRATION NO.	RESEARCH TOPIC	GUIDE	PRESENT STATUS
<b>Ph.D. awarded in 2021-22</b>						
1	Disha Singh	E&TC	18-08-2015/ 07/01-12-2016	Design and Performance Evaluation of various Band-Notched Ultra-Wide Band Antenna for various communication system	Dr. B. K. Mishra	Result declared on 15.12.2021. University Notification No. Th/ICF/2021-22/260 dated 22.12.21
2	Sujata Alegavi	E&TC	15-03-2015/ 01/15-10-2016	Efficient Retrieval of Remotely Sensed Images using Hybrid Approach	Dr. R. R. Sedamkar	Result declared on 20.12.2021. University Notification No. Th/ICF/2021-22/275 dated 24.12.21
3	Dhanjay Theckedath	E&TC	15-03-2015/ 08/16-12-2016	Detection and Classification of Affect States Using Deep Learning	Dr. R. R. Sedamkar	Result declared on 10.02.2022. University Notification No. Th/ICF/2021-22/358 dated 24.02.22
4	Nazneen Pendhari	E&TC	15-03-2015/ 03/15-10-2016	Feature Distinction and preserving naturalness in visual media using combined video' processing approach for colour deficient individuals	DR. R. R. Sedamkar	Result declared on 10.02.2022. University Notification No. Th/ICF/2021-22/359 dated 24.02.22
5	Kalawati Patil	E&TC	15-03-2015/ 02/15-10-2016	A Study of Carbon Nanotube Field Effect Transistor (CNFET) under Optical Illumination	Dr. B. K. Mishra	University Notification No. Th/ICF/2021-22/393 dated 25.03.22
<b>Ph.D. awarded in 2022-23</b>						
6	Jayasudha Koti	E&TC	15-03-2015/ 04/28-10-2016	Study of Unipolar Communication Techniques for Effective Optical Wireless Communication	Dr. B. K. Mishra	Result declared on 7.7.2022. University Notification No. Th/ICF/2022-23/197 dated 1.8.22



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Estd. in 2001

SR. NO.	NAME OF CANDIDATE	BRANCH	DATE OF ADMISSION/ UNIVERSITY REGISTRATION NO.	RESEARCH TOPIC	GUIDE	PRESENT STATUS
7	Kiran Rathod	E&TC	06-04-2015/ 06/28-10-2016	Study and Analysis of Wearable Broadband Circularly Polarized Textile Antenna for Medical Application	Dr. B. K. Mishra	Result declared on 7.7.2022. University Notification No. Th/ICF/2022-23/196 dated 1.8.22
8	Sukruti Kaulgud	E&TC	18-08-2015/ 03/15-10-2016	Study of Integration of Graphene in Solar Cell	Dr. B. K. Mishra	Result declared on 21.10.22 University Notification No. Th/ICP/2022-23/361 dated 18.11.22

**2) RPS/ Course Work/ Topic Approval Status:**

SR. NO.	NAME OF CANDIDATE	BRANCH	DATE OF ADMISSION/ UNIVERSITY REGISTRATION NO.	RESEARCH TOPIC	GUIDE	PRESENT STATUS
1	Aradhana Manekar	E&TC	28-03-2019	Study and Performance Analysis Of Addiction Detection Using Electroencephalogram Signal.	Dr. Lochan Jolly	RPS-II done
2	Neha Gharat	E&TC	17-07-2021	Design of Hybrid Lightweight Cryptography and Source Location privacy for IoT Security	Dr. Lochan Jolly	Coursework completed. Topic approval is in process.
3	Harsha Sanap	E&TC	20-07-2021	Molecular Communication based Targeted Drug delivery system using Machine Learning	Dr. Vinitkumar Dongre	Coursework completed. Topic approval is in process.
4	Vijaykumar Yele	E&TC	23-07-2021	Hyperspectral image segmentation using deep learning	Dr. R. R. Sedamkar	Coursework completed. Topic approval is in process.
5	Zarrarahmed Z Khan	E&TC	23-07-2021	Performance modelling for securing physical layer in resource limited communication.	Dr Rajesh Bansode	Coursework completed. Topic approval is in process.
6	Niket Amoda	E&TC	27-07-2021	Not yet finalised	Dr. Lochan Jolly	Coursework completed. Topic approval is in process.
7	Ashwini Katkar	E&TC	31-07-2021	Design of Molecular Communication Network for Targeted Drug Delivery in Cancer Treatment based on AI Prediction	Dr. Vinitkumar Dongre	Coursework completed. Topic approval is in process.



Yashwantrao Chavan Charitable Trust's (Regd.)

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8	Sagar Mhatre	E&TC	31-07-2021	Design of Hardware Accelerator for Deep Neural Network applications	Dr. Vinitkumar Dongre	Coursework completed. Topic approval is in process.

### 3) Admitted in A.Y. 2022-23: Course work started w.e.f. 23-01-2023.

SR. NO.	NAME OF CANDIDATE	BRANCH	DATE OF ADMISSION/ UNIVERSITY REGISTRATION NO.	RESEARCH TOPIC	GUIDE	PRESENT STATUS
1	Manjiri Mangesh Gogate	E&TC	In Process	In Process	Dr. Vinitkumar Dongre	Admitted in A.Y. 2022-23
2	Nikhil Tiwari	E&TC	In Process	In Process	Dr. Vinitkumar Dongre	Admitted in A.Y. 2022-23
3	Rashmita Kumari Mohapatra	E&TC	In Process	In Process	Dr. Lochan Jolly	Admitted in A.Y. 2022-23
4	Pratibha Sajwan	E&TC	In Process	In Process	Dr. Lochan Jolly	Admitted in A.Y. 2022-23

### Summary of Students as on date:

No. of students completed Ph.D.: 8

No. of students submitted Thesis: 0

Intake	Pursuing Ph.D.	Admitted in AY 2022-23	Vacancy
20	8	4	8

Dr. R. R. Sedamkar  
Professor & Head Ph.D. Programme

Dr. B. K. Mishra  
Principal

Note: This data is updated twice a year, tentatively in months of February and November