



!! सिद्धिनेकान्तात् !!

Anekant Education Society's



Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati

- Affiliated to Savitribai Phule Pune University, Pune (M.S.) India •
 - Empowered Autonomous •
 - Religious Minority Institution •
- NAAC REACCREDITED 'A+' Grade (CGPA 3.55) •
- Website : www.tccollege.org •

Department of Electronics



DEPARTMENT PROFILE

Department of Electronics, established in 1985, is the biggest of its kind in the Savitribai Phule Pune University, Pune imparting knowledge of Electronics and Computer Science at U.G level. Department offers B.Sc. (Electronics), B.Sc. (Computer Science) and M.Sc. (Electronics) programs. The department is enriched with 9 faculties for teaching, research and extension activities and sufficient supportive staff.

Besides teaching-learning programs, other activities like workshops, Remedial Coaching, Seminars, National Science Day, project work and lectures of eminent personalities are organized continuously and successfully. Department offers campus interview and placement services to students. Most of our alumni are holding responsible positions in dignified areas.

VISION

To kindle innovation & creativity among students, develop and sustain a culture of research, and promote values, ethics, and professionalism, leading to a progressive career in industry & academia globally.

MISSION

- Utilize modern education aids, state-of-the-art laboratories, and a team of competent faculty to ensure an effective teaching and learning process.
- Adapt to the ever-growing and changing industrial and business environment by providing students with practical, hands-on experience and relevant skills.
- Challenge and inspire young minds with innovative ideas, encouraging them to engage in research activities.
- Facilitate interaction with research organizations and industry partners to create opportunities for students to participate in groundbreaking research projects and gain recognition through their contributions.
- Foster the development of responsible citizens and professional leaders who uphold high ethical and moral values.
- Encourage students to contribute to the dissemination of universal science and technology, promoting the responsible use and advancement of knowledge for the betterment of society.

KEY FEATURES

- Consultancy Projects
- Good number of student internships in industries.
- Excellent Result and Placement
- A strong awareness and motivation among students
- to be creative and innovative resulting some innovative projects through incubation center
- Experienced, qualified, competent and devoted faculties and skilled technical, non- technical staff.
- Well-equipped and modern laboratories.
- Wi-Fi, LAN and internet connectivity

TEACHER PROFILE

Sr. No.	Name of Teacher	Designation	Qualification	Teaching Experience
1.	Prof. Dr. Deshpande J. D.	Head and Professor	M.Sc., Ph.D.	36
2.	Dr. Pawar A. M.	Assistant Professor	M.Sc., Ph.D., SET	14
3.	Dr. Rupanawar P.D.	Assistant Professor	M.Sc., Ph.D., SET	13
4.	Dr. A. S. Kothawale	Assistant Professor	M.Sc., Ph.D.	11
5.	Dr. Gawade S. A.	Assistant Professor	M.Sc., Ph.D., SET	9
6.	Dr. S. N. Patil	Assistant Professor (PG Coordinator)	M.Sc., Ph.D., SET	14
7.	Mrs. Patil S. S.	Assistant Professor	M.Sc.	6
8.	Mrs. Shinde P. K.	Assistant Professor	M.Sc.	3
9.	Mrs. Walekar S. S.	Assistant Professor	M.Sc.	3

PROGRAMME AND COURSES OFFERED

Sr.No.	Name of the Programme	Date of Establishment	Duration
1.	BSc in Electronics	1985	3 years
2.	MSc in Electronics	2012	2 years

SKILL DEVELOPMENT COURSE

- PCB & Circuit Designing
- IoT based Embedded System Design
- Basic Instrumentation Design
- Arduino Systems
- Robotics
- Mobile and Computer Repairing

FACILITIES

- Electronic Design and Automation Lab.
- Embedded Systems Lab
- PLC SCADA Trainer Kit
- Computer Laboratory
- Internet facility
- Skill based courses
- MATLAB, Labview Software

RESEARCH

Guideship details

Sr. No.	Name of Guide	Specialization	No. of Scholars Registered
1.	Prof. Dr. J. D. Deshpande	Material Science, Embedded System, WSN etc.	03

RESEARCH PROJECTS SANCTIONED TO FACULTY

Sr. No.	Name of Teacher	Title of Project	Funding Agency	Amount	Duration	Sanctioned Year	Status
1.	Dr. S. N. Patil	IOT Based Real Time Smart Electronic Nose for Food Grain Storage in Warehouse	Tuljaram Chaturchand College, Baramati	1,35,000	1 Year	2023-24	Ongoing
2.	Dr. A. M. Pawar	AI Based Weather Monitoring System for Power Consumption Optimization	Tuljaram Chaturchand College, Baramati	1,35,000	1 Year	2023-24	Ongoing
3.	Dr. A. S. Kothawale	Design and Development of AI Enhanced Garment for optimal health management	Tuljaram Chaturchand College, Baramati	1,10,000	1 Year	2023-24	Ongoing

BOOK PUBLICATION

Sr. No.	Name of Teacher	Title of Book	Name of Publisher	Year
1	Prof. Dr. J. D. Deshpande	A Comparative Study Humidity Sensors: Plasma Polymerized and Spin Coated Thin Film Sensors	Lambert Academic Publication	2021
2	Dr. S. N. Patil	Electronic Instrumentation for AC Susceptibility Measurement	Lambert Academic Publication	2021
3	Dr. S. N. Patil	Electronic Instrumentation for Sensor Module.	Lambert Academic Publication	2021
4	Dr. A. M. Pawar	Wireless Sensor Network for Agricultural Application	LAP publication	2022
5	Dr. A. S. Kothawale	Wireless Sensor Networks	Notion Press	2022
6	Dr. A. S. Kothawale	Embedded Systems	Alpha International Publication	2023

ACTIVITIES

1.	Emergency ACDC Inverter LED light Bulb manufacturing Workshop
2.	Workshop on Raspberry Pi
3.	Workshop on Entrepreneurship Development
4.	Workshop on Application of Python in Electronics
5.	Two Days Online Workshop on Arduino
6.	Workshop on Study Techniques for SET/NET Examination in Electronics
7.	Webinar on IOT: New Era of Digitization
8.	Webinar on WSN: Opportunities , Challenges and Applications
9.	Project and poster exhibition
10.	Guest Lectures
11.	Wel-come function, Farewell function, birthday celebration activity etc.
12.	Educational Trip
13.	NET/SET Coaching

COLLABORATION AND MOU

Name of industry/ institute/ corporate house/workshop /guest lecture etc.	Year of signing	Duration
Future Chip Tech,Pune	2021	3 years
Rajiv Electronics, Pune	2021	3 years
Eagle Solution, Pune	2021	3 years
AI Adventures, Shivajinagar, Pune	2021	3 years
M. G. Techsolution sales and services	2022	3 years

STUDENTS ACHIEVEMENTS

- M.Sc. II Student Miss. Beera Housanna got third prize in university level project cum poster competition organized by department of Electronics, Modern College, Pune.
- M.Sc. II Students Miss. DatirKiran and Mr. Prasad Bhagwat got consolatedprize in project competition organized by department of Electronics, Modern College, Pune.
- AdityaKadam got 1st prize in Avishkar competition at college level.
- M.Sc. II Students placed through campus drive.

CONTACT US

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