



Program: Electronics and Telecommunication Engineering

Annual Report for A.Y. 2022-23

It gives immense pleasure to present annual report of E&TC Engineering Department for the academic year 2022-23. Our program has been **Reaccredited by National Board of Accreditation (NBA) till June 2025** and also got **Excellent** grade from external monitoring committee of MSBTE. Total 8 faculties are working in our program out of which 50% faculties have completed their post-graduation.

This report summarizes the achievements, activities, and progress we have made over the last year to improve our academic offerings and student services. As per our vision, our team strives to persistently improve the educational environment in our program. Our faculty is making progress towards providing a truly class learning environment by adopting innovative pedagogical practices. We are always engaging our students in the activities for overall development of various aspects like technical knowledge, Skills, Attitude, Ethics and Team spirit required for a professional. So, we have conducted workshops based on Solar energy products and PCB circuit design & Fabrication, Entrepreneurship Awareness Camp for third year students, Personality development programs and Guest lecturers by industry and Alumni experts for all students.

We would like to extend our sincere thanks to our management, faculty, staff, students, alumni and industry partners for their continued support and remarkable contributions. Looking ahead, we will continue to work towards realizing our vision to impart quality engineering education. Even in the pandemic situation, we have been continuously accomplishing the teaching – learning, by using modern tools / resources.

A) Lab Development:

All laboratories are well equipped with electronics instruments like PCB Prototype machine(Funded by AICTE, New Delhi), VLSI Lab Training Kit, Spectrum Analyzers (18GHz), DSO(100MHz), Dual trace CRO(20MHz), Function generator(3 MHz), RF generator(3MHz), Dual DC power supply(0-30V) and Trainer with of Modulation (PAM,PWM,FM), Mobile Trainer Kit, LCD TV Trainer Kit, CD player Trainer Kit and PLC Trainer Kit. Each lab has the state of the art advanced kits for skill development of students. Industry supported lab equipments like solar and arduino peripherals.

Lab Investments:

NAME OF LAB	INVESTMENT IN Rs.
1) Analog Electronics	05,79,059/-
2) Digital Techniques & Microprocessor	05,21,497/-
3) Measurement & Control	09,53,768/-
4) Communication	07,43,323/-
5) Advance Communication	06,46,999/-
6) Computer Centre & Hardware	10,48,164/-
7) Electronic Workshop & PCB	13,09,478/-
GRAND TOTAL =	61,36,655/-

B) Academic result:

The overall result in E&TC department for the year 2022-23 is **82.45%**.

In all 132 students have appeared for Summer 2023 exam. Out of which 28 students passed with distinction and 20 students in first class and the average result was 72.72%.

In all 133 students have appeared for the Winter 2022 exam. Out of which 35 students passed with distinction and 57 students in first class and the average result was 92.18%.

Aggregate Toppers in A.Y. 2022-23:-

RANK	T.Y	S.Y	F.Y.
1 st	KHUSHI KUMARI 87.06%	PATIL AMRUTA APPASAHEB 92.76 %	TAPAKE NEEL NITIN 87.44%
2 nd	MITTHA AKSHAY RAVIKIRAN 86.71%	AAYUSH GUNJAN 86.9 %	HORTI SHREYA M 86.21%
3 rd	KULKARNI SUPRIYA GURUDATTA 84.71%	DUMMANWAR POONAM SHARANAPPA 84.39 %	JADHAV SNEHA AJAY 83.63%

C) Annum 2k23 (Paper Presentation)–a national level event:

Our department has arranged a national level event Annum 2k23 (Paper Presentation) for all Electronics group students on 18th March 2023 and department coordinator was Mr. Ligade S.S.

Sr. no.	Name of Competition	Coordinators
1	Annum 2k23 (Paper Presentation)	Mr. Ligade S. S., Ms. Pawar S. R.

D)E Phlox 2k23 (Technical Competition)–a State level event:

Our department has organized a state level event E phlox 2k23 (Technical Event) for all electronics group students on 18th March 2023 , which includes “Circuit Cracker” Mr. Margur L. S. was the Convener at institute level Ms. Swami P.S. has worked as Department event Coordinator.

Sr. no.	Name of Competition	Coordinators
1	E Phlox 2k23 (State level Technical Competition)	Ms. Swami P. S.

E) Staff Achievements :

1. Mr. Bagban S. R. has worked as **Paper Setter** for Summer 2023 and **coordinator** for MODROB.
2. Mr. Margur L. S. has worked as **External Vigilance Squad memeber** for Theory Exam Winter 22 and Summer 23 Exam., **Convener** for **State Level Technical Event**, class **in-charge** for S.Y. students, **IIC member** and as **SG and PH redressal committee secretary**.

3. Mr. Ligade S.S. has worked as **Officer Incharge of Theory exam, class in-charge for T.Y. students** and also working as **Academic coordinator and Department coordinator of Annum 2k23 and RAC in-charge for Summer 23 examination.**
4. Ms. Agarkhedkar M. M. is working as **Department coordinator of Jagruti Vichar Manch.**
5. Mrs. Dharmadhikari A. A. is working as **Department coordinator of ERP, Alumni and IEI student chapter.**
6. Ms. Swami P. S. is working as **Department coordinator of Web portal, Ephlox 2k23 and Class test in-charge.**
7. Ms. Pawar S. R. is working as **Department coordinator of NPTEL and DIPEX.**

F) GUEST LECTURE/WORKSHOPS:

1. A workshop for all students on '**Circuit Design & PCB Fabrication**' by Mr. Ajitesh from 'Indus Robotics Pvt. Ltd.'Pune.



Students and Staff at PCB Workshop



Students learning the Express PCB Software



Resource person Mr. Ajitesh guiding the students



Circuit Design & PCB Workshop



2. A workshop for second year students on **'Renewable Energy Green Sector Department'** by Mrs. Ayesha Shaikh from 'Shams Energy', Solapur.





Hands on Experience in workshop

3. A guest lecture on '**Industrial Skill Training**' under 'Alumni Expert' for all students by Ashutosh Mishra, Service Engineer from John Deer Pvt. Ltd.,



4. A guest lecture on '**Simulation on Scilab & HyperTerminal**' under 'Industry 4.0 Skill Development' for all students by Ms. Pawar S. R.



G) Sanctioned Funding /Proposal:

- MODRAB- The MODROB proposal has been funded for **PCB Prototype Machine**, under modernization of laboratory, by AICTE New Delhi. The project cost of PCB prototype is **Rs.12,73000/-**

H) Industry Supported lab:

- Solar Electronics Lab Donated by Shams Electronics, Solapur
- Embedded Innovation Lab Donated by SuVi Instruments, Solapur

I) Industrial Visits:

- Industrial visit to Srujan Food Pvt. Ltd., Solapur for all students (TY, SY).



- Industrial visit to Kanswa Textile Exporters, MIDC Chincholi, Solapur for all students (TY, SY).



- Industrial visit to Sathe Engineering Company, Bale, Solapur for SY students.



J) Students' Achievements:

Sr. No.	Student	Type of Competition	Sponsoring Authority	Level	Venue	Score/ Remark
1	Ms. Samiksha Gavandi	Paper presentation	E &TC Dept	National	AGPPI, Solapur	Third Prize
2	Ms. Supriya Kulkarni	Brain Pop	Electrical Eng. Dept	State	N.K. Orchid Engineering college	Second
3	Mr. Akshay Mittha	Apti Quiz	DYF 2k23	District	GP, Solapur	First Prize
4	Mr. Shashank Bolegaon	Quiz	Techno Sprint 2k23E &TC Dept	State	VVP, Solapur	Runner up
5	Mr. Shashank Bolegaon	Circuit Making	AGTech Fest 2k23	National	AGPIT, Solapur	Runner up
6	Mr. Shashank Bolegaon	Circuit Making	E Phlox 2k23	State	AGPPI, Solapur	Third Prize
7	Mr. Manoj Bandi	Circuit Making	E Phlox 2k23	State	AGPPI, Solapur	First Prize
8	Mr. Ansh Jadhav	Circuit Making	E Phlox 2k23	State	AGPPI, Solapur	First Prize
9	Mr. Ansh Jadhav	Circuit Making	AGTech Fest 2k23	National	AGPIT, Solapur	First Prize
10	Mr. Vivek Ghodake	Book Review	DYF 2k23	District	GP, Solapur	First Prize
11	Mr. Devanshu Shekhar	Apti Quiz	DYF 2k23	District	GP, Solapur	First Prize

K) Students' Achievements and placement

Sr. No.	Name of Company	Name of Placed students	Activity
01.	John Deer Pune Works India	Nadaf Firoj Daul	Placement
02.	Himachal Futuristic Communications Ltd. Hyderabad	Jatte Siddhant Shekhar Devanshu Kamble Samarth	
03.	Varroc Engineering Pvt. Ltd.	Shekhar Devanshu Bolegaon Shashank	
04.	JABIL Industries, Pune	Nadaf Firoj Daul	

L) Paper published by students:

- **Mr. Akshay R. Mittha (TY)** has published research paper on 'STUDY OF LOSS IN WEIGHT OF ALUMINIUM METAL STRIP IN ACIDIC MEDIUM' in IRJMETS.
- **Mr. Akshay R. Mittha (TY)** has published research paper on 'Study Of Panseer Test To Turn Down Cancer Mortality Using ML Algorithm' in IJCRT.

M) Events:

Sr.No.	Name of Event	Date organized	Activity
01.	Annum 2k23	18 th March 2023	National Level Paper Presentation competition
02.	E-Phlox e.23	18 th March 2023	Co-Curricular State level Technical Competition



Engineer's Day celebration



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Students Felicitating Mr. Margur L. S.



Principal Dr. Chougule M. A. Sir Speech



Lamp Lighting on Engineers Day by Principal Dr. Chougule M. A.



Prize Distribution of Ephlox 2K23

Prize Distribution of Ephlox 2K23





EJ Dept Teaching and non teaching staff on Ephlox 2K23 event



Left to right: Coordinator, Ephlox judge & participant



EJ Dept Staff on the day of Annum 2k23 and Ephlox 2K23



Prize Distribution of Annum 2K23



Annum 2k23 Judge Felicitation



Student Presentation Annum 2k23



Traditional Day Celebration





Students Performances



Ramp Walk

Mr. Bagban S. R.
Program Coordinator of E&TC Engg.