



Walchand Institute of Technology, Solapur
Department of Electronics Engineering

Student Activities

**Telecommunication and Electronics Students Association
(TESA)**

Faculty Coordinator: Mr. S.A. Utage, Mrs. P.S. Shetgar, Mr. R.R. Konapure

TESA committee of the department works with the objective of developing the leadership qualities in individuals, some cohesive organizational skills and to enhance the technical skill. It also provides a platform for the students of the department to exhibit their talents.

Every year various guest lectures are organized by the committee such as walk in interview, preparation of various competitive exams, Project development cycle & Opportunities in Robotics industry, Pre-Placement Guidance Session and Career Guidance.

TESA also organized competitions like technical aptitude, project competition, problem statement contest, Mock placement drive, Circuitrix and technical poster making every year. Department students participate with great enthusiasm in all the events. Winners of the competitions are awarded certificates, trophies and cash prizes. All the activities are organized successfully by the students. TESA Faculty coordinator from department is allotted to guide the students in all respect.

Activities Conducted under Telecommunication and Electronics Students Association (TESA)

2022-23

Sr. No	Activity	Date	No of Participants
1	Guest Lecture by Mr.Prabal Jain, NXP Semiconductor, Bangalore. Topics : Career in VLSI Industry	18/8/2022	62
2	Robo Race Event	8/10/2022	13 Teams (Max 3 Students)
3	Seminar on IEEE Membership Topics : Internet of Things : Opportunities & Challenges	23/11/2022	92
4	Guest lecture by Anurag Jain & Deepan Lodha, TCS , Bangalore Topics: Career in Software Engineering.	29/12/2022	47
5	Guest lecture by Ayush Jain , Infosys Ltd & Tanmay Jain, TCS , Bangalore Topics: Job opportunities in Core Industry	2/1/2023	61

2021-22

1. IT Industry, a Mock Placement Drive was conducted by the TESA The event organized in 2 rounds:

1. Aptitude + Coding.
2. Interviews.

First round was conducted on 31/3/2022 with 121 entries. Round 2 was conducted on 1/4/2022 with 13 shortlisted students



2. A guest lecture by **Nikhil Bidkar**, Program Manager – Operations Planning, eShakti.com, Delhi was arranged on 1st April 2022 under Telecommunication and Electronics Students Association (TESA). The Chief Guest for this lecture was Mr. Nikhil Bidkar, the Program Manager on Operating Planning at eShakti.com. Near about 121 students attended this guest lecture



3. A guest lecture on “The future of Renewable Energy and scope for Engineers” by Ayesha Shaikh, M.D., Shams Energy was organized by TESA on 18th April 2022



4. “Identify the Problem First”, creative and innovative contest conducted by TESA on 30th April 2022. Problem statement using the google form link were submitted by students. Top three problem statements were rewarded

2020-21

1. Guest Lecture on “A Recipe to Technical Paper” on 24th May 2021 by Dr. S. R. Gengaje, Head of Electronics department, W.I.T. Solapur. The lecture was attended by 309 students.
2. TESA in collaboration with Institution’s Innovation Council (IIC), organizes “MATLAB Programming Contest” for S.Y. B. Tech students on 25th May 2021, Tuesday in online mode. Total ten programming questions were asked on different topic. Total 54 students were participated in this contest. The event was conducted by Mr. S.A. Utage and Mrs. V. S. Kulkarni
3. National Level online Hackathon competition was organized by Telecommunication Electronics Student Association (TESA) in collaboration with Institution’s Innovation Council (IIC). This event aims at bringing enthusiastic student programmers and designer to participate and showcase their talent in resolving engineering design challenges for society. Two rounds – Round I and Round II were conducted on 10th June 2021 and 20th June 2021 simultaneously.
4. “Innovative Circuit Simulation” Contest was organized by Electronics Engineering department in collaboration with Institution’s Innovation Council (IIC) and TESA on 12th July and 15th July 2021 for S.Y.B.Tech. Total 46 students were participated in this contest. Total 30 technical questions were asked on different topics covering syllabus of S.Y.B.Tech. in the first round and two design problems were given in the second round. Assessment is based on innovative solutions and logic used by students to provide solutions for the problem statement. The contest was successfully organized under the guidance of Dr. S. R. Gengaje and Dr. Ms. A. V. Thalange. This event was conducted by faculty Mr. S. C. Kalshetti, Mr. P. P. Tambe and Mr. S. V. Aursang.
5. The Project Competition was conducted by Electronics Engineering department in collaboration with Institution’s Innovation Council (IIC) and TESA on 28th May and 30th May. Total 57 entries were received. Competition held in two rounds. The expert from industry and in house faculties shortlisted 12 projects after thorough analysis and discussion on 28th May. The final round conducted on 30th May 2021 on Google meet. Top three projects along with two consolation prizes were declared.

Activities Conducted by Department

2022-23

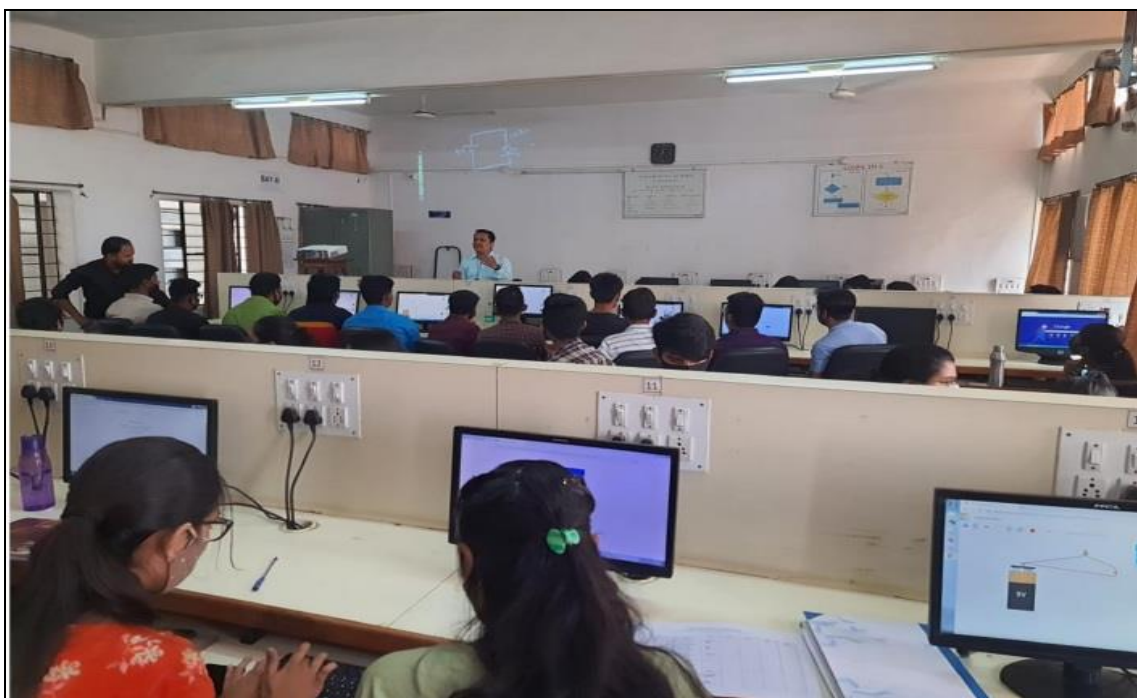
1. Industrial Collaborated Internship Training Program of 15 days on 'IOT Full- Stack Development Bootcamp (Using Angular + AWS + ESP32)' was organized by Department of Electronics Engineering and Department of Electronics & Telecommunication Engineering, in technical collaboration with RMTAG Solution LLP, Bangalore and Saksham Medicare Equipments and Services, Solapur from 17th August to 3rd September 2022
2. Industrial Visit to "Bhumi Radio Station, Solapur" was arranged for SY (ECE) on 11/12/2022 by Department of Electronics Engineering. A total of 45 students were present for this visit. Dr. R.J. Shelke was the faculty coordinator for this activity
3. Open Debate Competition was conducted for TY (Electronics) and TY (Electronics and Telecommunication) on 1/10/2022 on three different topics – E-commerce – a necessary evil!, Online learning in colleges is the way of the future and Technology is increasing people's quality of life. A total of 20 students participated in this activity. Dr. S.R. Gengaje was the faculty coordinator for this activity
4. Presentation Competition was conducted for TY (Electronics) and TY (Electronics and Telecommunication) on 15/10/2022 on topic – "Case Study of an Indian Fintech Company". A total of 20 students participated in this activity. Dr. S.R. Gengaje was the faculty coordinator for this activity
5. Presentation Competition was conducted for SY (ECE) by Department of Electronics Engineering on various state of the art topics on 25/11/2022. A total of 20 students participated in this activity. Mr. S.C. Kalshetti was the faculty coordinator for this event
6. Debate Competition was conducted for SY (ECE) by Department of Electronics Engineering on various on 26/11/2022. A total of 42 students participated in this activity. Mr. S.C. Kalshetti was the faculty coordinator for this event
7. A guest lecture on 'Ethical and Social Issues related to IT' by Mrs. Smita J. Chakote, MBA (HR & Marketing) was conducted for TY (Electronics) and TY (Electronics and Telecommunication) on 20/12/2022. A total of 72 students were present for this event
8. Industry Expert lecture on 'Career with Salesforce' by Mr. Navid Bakshi, Success Engineer, Salesforce Hyderabad was conducted for TY (Electronics) and BE (Electronics) on 13/12/2022. A total of 53 students were present for this event

9. Industry Expert lecture on 'Career in Core Electronics Engineering' by Mr. Shridhar Duddam, Smart Logic, Pune was conducted for TY (Electronics) on 28/11/2022. A total of 32 students were present for this event

2021-22

1. Induction/Refresher Programme on “Low Power VLSI System Design” was conducted by Department of Electronics Engineering sponsored by AICTE – ISTE on 10th and 15th January, 2022 with a total of 90 participants. Dr. S.R. Gengaje and Mr. R.N. Chavan were the coordinator for this event
2. Five days workshop on “ARDUINO and CAD Tools for Digital Innovation” for S.Y. B. Tech. students of Electronics & Telecommunication Engineering and Electronics Engineering was organized by Electronics and Electronics & Telecommunication Engineering, Walchand Institute of Technology, Solapur conducted under Institution’s Innovation Council (IIC) held from 7th March to 14th March 2022. A total of 175 students attended this workshop





3. “Innovative Circuit Simulation Contest” for SY and TY Students was organized by Electronics and Electronics & Telecommunication Engineering, Walchand Institute of Technology, Solapur conducted under Institution’s Innovation Council (IIC) and TESA held on 12th July and 15th July 2021

Guest Lecture/ Seminars/Webinars conducted :

<i>Sr.</i>	<i>Name of Expert</i>	<i>Topic</i>	<i>Class</i>	<i>Date</i>	<i>No. of participants</i>
1.	Mr. Govind Kumar	Career in Cloud Technology Preparation	B.E.	19/08/2021	57
2.	Dr. Pratap Sanap	Current Trends in the Market & Preparation	B.E.	05/08/2021	52
3.	Mr. Pulkit Vaya	Preparation for Interview	B.E.	17/10/2021	40

2020-21

1. A Training Program on “Innovative IOT Solutions Using Arduino & Raspberry PI” was organized by Department of Electronics Engineering, Walchand Institute of Technology, Solapur in association with Pantech E-Learning from 21st June to 5th July 2021. A total of 49 students have successfully completed this training
2. “National Level Hardware Hackathon” for TY and BE Students was organized by Electronics and Electronics & Telecommunication Engineering, Walchand Institute of Technology, Solapur conducted under Institution’s Innovation Council (IIC) and TESA held from 1st June to 27th June 2021. A total of 95 participants (20 groups) have participated in this activity
3. A two day National level workshop on “Research Methodology – A Practical Approach” was conducted by Electronics and Electronics & Telecommunication Engineering, Walchand Institute of Technology, Solapur on 26 & 27 June 2021 for faculty and researchers. A total number of 107 faculty and researchers have attended this workshop
4. Department has also organized “MATLAB Programming Contest” for (SY), “Project Competition” for (BE), and “Innovative Circuit Simulation Contest” for (SY) and (TY). A total of 98 students have participated in these activities.

Guest Lecture/ Seminars/Webinars conducted :

<i>Sr. No.</i>	<i>Name of Expert</i>	<i>Topic</i>	<i>Class</i>	<i>Date</i>	<i>No. of participants</i>
1.	Mr. U. N. Chavan Philips (NXP) Netherland	Job Opportunities in Core Electronics	TY	07/03/2021	57
2.	Mr. Atharva Wazurkar Alphagrep Securities, Hydrabad	Preparation to get placement in IT Industry	SY & TY	08/05/2021	52
3.	Mr. Prasad Vadgave VMware India, Bangalore	Career opportunities for Electronics Engineer in IT industry and preparation for it	SY & TY	22/05/2021	40