AET's
Atharva College of Engineering
Excellence in Education
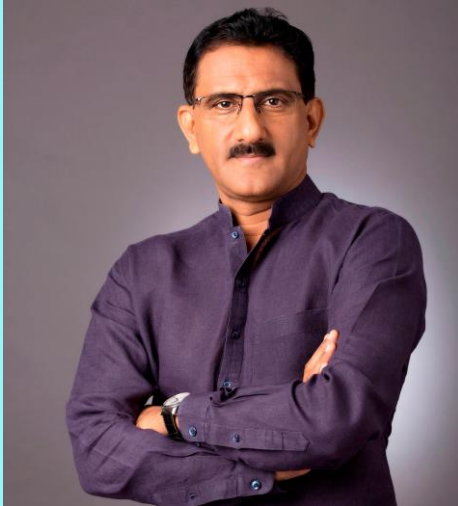Approved by AICTE, DTE & Affiliated to University of Mumbai

Newsletter September - October 2022

From the Desk of Executive President

Shri. Sunil Rane
Executive – President of Atharva Group of Institutes and Founder Secretary – AET

Today's generation desires to excel in Technology. Moreover, Atharva aims to fulfill dreams of young aspirants. Atharva has successfully organized IEEE TECHITHON 2022, annual Technical Fest with the theme **"Alchemia- Decade of Upgrade"**. It was a great opportunity for Atharvites to create innovative projects and displaying in project exhibition.

Showcasing versatile experience is always been a motto of Atharva. ACE prepares students to face challenges, grab innovative ideas, build their self-confidence and upgrade as per industry requirements.

I wish students excel in Research, Technology and Innovation.

Sunil Rane
Founder Secretary, Atharva Educational Trust
Executive President, Atharva Group of Institutes

Honorable Shri Sunil Rane, the Executive President, Atharva Group of Institutes and Founder Secretary, AET is appointed as a representative of Maharashtra Legislative Assembly at the AGM (Senate Legislative Assembly) of University of Mumbai.

We at Atharva Group of Institutions and Atharva Foundation are greatly inspired by the works of excellence by our Chairman and Founder, a passionate educationist by profession and humanitarian at heart.

Atharva Satellite Ground Station

Atharva Satellite Ground Station team conducted new team selection for AY 2022-23 on 29th September 2022. Students were shortlisted and selected through technical test, Group Discussion and Personal Interviews. Mr. Jayesh Banatwala and students of Atharva Satellite Ground Station coordinated the entire process.

Contents

Electrical Department Activities

Engineers Day Celebration:

Department of Electrical Engineering celebrated Engineers Day on 15th September, 2022 and organized the EESA Theme and Logo competition for SE, TE & BE students. Students were able to show their technical and creative skills in the competition.

Hands on Training Session:

Department of Electrical Engineering conducted Hands - On Training session on "DC Machines", on 20th September, 2022 to acquaint the students with practical experience on Machines, followed by a Technical Quiz. The session was conducted by Ms. Priyanka Sharma, Asst. Professor, Electrical Engineering Department.

Industrial Visits:

Department of Electrical Engineering organized an Industrial Visit to HVDC Terminal Station, Padgha for BE students on 14th October, 2022. The visit helped students understand the working of AC & DC Switchyard and its safety concerns.

Department of Electrical Engineering organized a visit to Substation in the premises of the college for TE students, on 20th September, 2022. Tata Power expert Mr. Sandeep Chaukekar visited and explained the substation configuration and its working. The visit helped students to understand the installation and Remote Control & Monitoring of the substation.

Electronics & Telecommunication Department Activities

Department of EXTC in collaboration with IETE student forum organized a guest lecture on the topic "Improve performance with the 3Es " on 29th September, 2022. Ms. Swapna More, Mindset coach, Ex-IT professional, Art of living faculty conducted the session. The session was very interactive and it benefited SE & TE EXTC students for improving concentration, focus on work, and personality.

Department of EXTC in collaboration with IETE student forum organized a seminar on "Introduction to embedded systems and associated tools & techniques" on 22nd September, 2022 for TE EXTC students. The invited speaker was Mr Mahesh R Bhatkal, Director, ADM pvt ltd. The session was interactive and it benefited students by knowing about career options in the embedded industry. Faculty members and students of EXTC Department attended the seminar.

Department of Electronics and Telecommunication Engineering in collaboration with IETE student forum organized and conducted an Orientation Program on "Honors and Minor Degree Program in Artificial intelligence and Machine Learning" on 22nd September, 2022 for TE EXTC students. The orientation session was addressed by Principal, Dr. S.P. Kallurkar, and In-charge HOD, EXTC Ms. Mahalaxmi Palinje. The session was interactive and it benefited students by giving them overview of AI and ML field.

Department of Electronics & Telecommunication in association with IETE Student Forum ACE organized a webinar on "Programming Skills for Placement" on 16th September, 2022. The invited speaker, Er. Manoj Kevadia from industry and academia, Mumbai conducted the webinar.

Parents Teacher Meeting

Department of Electronics and Telecommunication Engineering conducted Parent- Teacher meeting for SE, TE and BE students. It was a great interaction between the teachers and the parents.

Department of Electronics and Telecommunication Engineering in collaboration with IETE Student forum and IEEE Techithon organized two events. The first event was Inter- Collegiate Blueprint Technical paper presentation on 6th October, 2022. Dr. Ulhaskumar Gokale and Prof, Nilima Pathak chaired the event as the Judges. Students showed their presentation and time management skills. The second event was Inter- Collegiate Techquiz on 7th October 2022 to test and develop technical knowledge of the students.
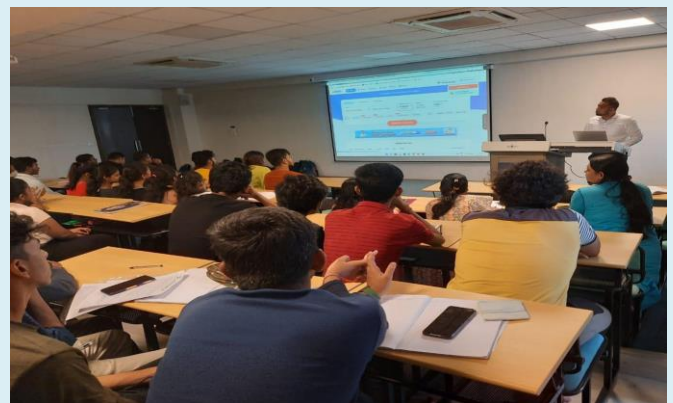

Information Technology Department Activities

The Department of Information Technology organized a Parents Teacher Meeting on 19th September 2022 for the parents of SE, TE and BE to brief them on academic progress, term test 1 performance, NPTEL courses, internships, and project based learning of their ward.
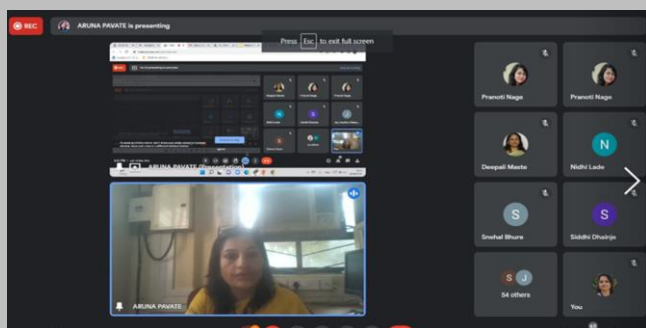

The Department of Information Technology organized a career guidance session on "Opportunities as a Software Test Engineer " on 15th September, 2022. The invited speaker was Mr. Shoeb Shaikh, Automation Test Engineer and Head of Training, TESTRIQ QA Lab, Mumbai.

The Department of Information Technology organized an expert lecture on Career and Higher education guidance by Career Labs on 28th September, 2022. The invited speaker, Mr. Sanjay R, Career Architect & Motivational Speaker, Career Labs, Mumbai, conducted the session.

The Department of Information Technology organized a webinar on 'How to write and publish a research paper' on 29th September, 2022. The invited speaker was Prof. Aruna Pavate, Mumbai. The session was interactive and it benefited students to enhance the awareness about research paper writing and publication details.

Electronics & Computer Science Engg Department Activities

Department of Electronics & Computer Science Engineering organized a one day workshop on "MATLAB & its engineering applications" on September 21, 2022. The invited speaker Mr. Kunal Khandelwal, shared brief insights to various tool boxes, Industry standards, applications & challenges in MATLAB with current technology trends along with the hardware implementation and a project including software and hardware platform.

Student Achievements:

Rakshit Shetty, B.E. (INFT) got selected for virtual internship at JTP Co Ltd, Japanese Company, grabbing an international opportunity.

Sahil Bhosale T.E. (EXTC) got selected for NSS National Pre Republic Day Parade State Level held at Kolhapur from 28th September- 30th September 2022.

Shivlal Gupta and Aditya Gupta of TE (Electrical Engg) achieved third position at National level Start-up Case Study Competition organized by IIC GGI Ludhiana on occasion of World Entrepreneurship Day

Viraj Kotian (BE ELEC), Shivlal Gupta and Yuvraj Bagul (TE ELEC) won the 2nd prize in the presentation competition on 'Case studies on Indian enterprises having impact at global level' held as a part of celebration activity for Innovation & Entrepreneurship in HEIs for Aatmanirbhar Bharat & celebrating 75 years of Independence- Aazadi ka Amrit Mahotsav, ACE IIC.

Faculty Achievements:

Dr. Bhavin Shah, HoD Electronics/ ECS department delivered a webinar on "Lean Startup and Minimum viable business" on 16th September 2022.

Ms. Kshipra Pandey and Ms. Sowmya Kini Prabhu of Electrical Engineering department achieved second and third position at National level Start-up Case Study Competition organized by IIC GGI Ludhiana on occasion of World Entrepreneurship Day.

Ms. Divya Sharma of Electronics and Telecommunication Engineering department published a paper "Optimization of tin based pervoskite solar cell employing $CuSbS_2$ as HTL: A numerical Simulation Approach".