

Electronica

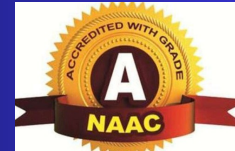


Newsletter

July 2021 to December 2021



Deogiri Institute of
Engineering &
Management Studies



Department of Electronics and
Telecommunications Engineering

Electronica Newsletter

Department of Electronics and
Telecommunication Engineering



July 2021 – December 2021

DEPARTMENT VISION AND MISSION

Vision

To provide valuable resources for Industry and Society through research and excellence in Electronics and Telecommunication Engineering

Mission

1. Educating students with requisite technical expertise to meet the growing challenges of the Industry.
2. Promoting research through constant interaction with research bodies and various Industries.
3. Equipping students with fundamental subject knowledge to enable them for continuing Education.

Program Educational Objectives (PEOs)

- Graduates would be able to provides the Engineering solution with strong research capabilities in the areas of Electronics and Telecommunication Engineering.
- Graduates would be able to achieve good carrier using improved skill sets.
- Graduates would be able to provide a solid foundation and advanced programming skill in the field of Electronics.

Program Specific Outcomes (PSOs)

1. Apply knowledge to use modern tools and techniques for Electronics and Telecommunication Engineering
2. Identify Design, and Test Analog, Digital Communication Systems and Signal Processing using software and hardware tools.
3. Design and Develop computing systems while using best practices for software and hardware implementations.
4. Create social and professional skills awareness for lifelong learning.

List of Program Outcome

1. Engineering knowledge	2. Problem analysis	3. Design/development of solutions	4. Conduct investigations of complex problems
5. Modern tool usage	6. The engineer and society	7. Environment and sustainability	8. Ethics
9. Individual and team work	10. Communication	11. Project management and finance	12. Life-long learning

Industry Institute Interaction

Series of Technical Expert Talk

Sr. No.	Topic of Expert Talk	Name and Designation of Speaker	Class
1	Career Opportunities in Electronics	Mr. Shrimant Nagargoje, Chief of Operations ABC Trainings, Aurangabad	TY A&B
2	Android Programming	Mr. Ravi Majithia, Director, Ravi Programming Academy, Aurangabad	TY A&B
3	Python Programming	Mr. Ananta Shinde, Full Stack Software Developer, Etechno solution, Aurangabad	TY A&B
4	Career Opportunities in IT Sector and preparation of exam	Mr. Mohnish Mathew System Engineer, INFOSYS PUNE	B.TECH-A
5	IoT Based Application for smart city	Mr. Yogesh Vaidya, CARE TEK Engineering, Founder Aurangabad	B.TECH-B
6	Internet of Things	Mr. Sanket Jadhav, Director, MechElectronics, Aurangabad	SY C
7	Communication Skills and its Importance in Campus Interview	Mr. Abhijeet Dharmadhikari, Director and Motivational Speaker, Shrikrishna Academy, Aurangabad	TY A
8	Startup and Incubation Culture	Mr. Sumit Kakrwal, CEO Q Electric Mobility Pvt. Ltd.	B. Tech (Div. A & B)



Industry Institute Interaction

Industrial Visit

Sr. No.	Name and Address of The Company/ Industry	Domain	Class
1	Manu Electricals, Waluj MIDC,Aurangabad	Manu Electricals	SE-A
2	Yugma Impression, Chikhalthana MIDC,Aurangabad	Electrochemical & Medical Instrument's	SY-B
3	Orgisattva Foods Pvt. Ltd., Chikhalthana, Aurangabad	Organic Food Retailers	SY-B
4	Metalman Auto pvt. Ltd., Waluj, Aurangabad	Complete Frame Assembly	TY-A
5	National Dairy Product pvt. Ltd.,Chikhalthana,Aurangabad	National Dairy and food product	TY-A
6	Metalman Auto pvt. Ltd., Waluj, Aurangabad	Complete Frame Assembly	TY-B



Faculty Activities

Product Developed by faculty of ETC Dept. under Faculty Hackathon 2021

Sr.No.	Name of the Participates	Project Title
1	Prof. R.M. Autee, Prof. K.B. Dandge	Android based information System for blind persons
2	Prof. A.M. Birajdar, Prof. L.K.Shevda, Prof. M.S. Badmera	Real-Time Object Detection on a Raspberry Pi.
3	Prof. K.S.Ingle, Prof. V.K. Bhosale, Prof. U.A. Takte	Digital Bidirectional Visitor Counter Machine
4	Prof. Dr.S.A.Shaikh	Design and analytical Evaluation of Explosive Blast resistant structure using ANSYS



Faculty Activities

Quality Publications in Refereed/SCI Journals, Citations

Sr. No.	Name of Faculty	Quality of Paper	Title of Paper	Journal/Conference Details
1	Rajesh M. Autee	Scopus Indexed Journal	Design And Development Of Spice-Assisted Hybrid Driver Circuit For Measurement Of 4 Kw (5.5 Hp) Switched Reluctance Motor	Ymer -An International Peer-Reviewed Journal
2	Anil M. Biradar	Scopus Indexed Conference	Method To Implement Load Network For High Efficiency Doherty Amplifier For 5g Application	IEEE International Conference On Interdisciplinary Approaches In Technology And Management For Social Innovation (latmsi-2022)

Innovations by the Faculty in Teaching and Learning

You tube channel of Faculty Members

Name of Channel	Youtube Link	Faculty Name	Course Name
Manthan Foundation	https://youtu.be/uD2eM35dK_U	Prof.Sunanda Kapde	Network Theory BTETC401 , Mobile Computing BTETPE702F
KTM BOOSTER	https://www.youtube.com/@KTMOOSTER	Prof.K.T.Madrewar	APTITUDE AND MATHEMATICS

Students Activities

Intercollege Participation & Certificates

Name of students	Organizer	Events	Remark
Chavan Bahusaheb Manik	karate organization of India (KIO) & SKKMA	10th national Open karate championship2022	Participation



Placement Details

Top Recruiters visited for Placement



Top Students placed this year

Sr. No.	Name of Students	Name of Company	Package in LPA
1	PINGALE NIKHIL NILKANTH	CAPGEMINI	4
2	JADHAV SUPRIYA ARUN	CAPGEMINI	4
3	WAGH VAISHNAVI NIVRUTTI	CAPGEMINI	4
4	PINGALE NIKHIL NILKANTH	CAPGEMINI	4
5	KULKARNI MEERA SUDHAKAR	CAPGEMINI	4
6	SARAF PRUTHA SUNIL	PERSISTENT	4.3
7	GOTHWAD RUSHIKESH UMEDSING	CAPGEMINI	4
8	SHEJUL PORNIMA RAJESH	CAPGEMINI	4

Electronica Tech News



India's space agency, the Indian Space Research Organisation (ISRO), began the launch of the Chandrayaan-3 lunar mission to explore the Moon on July 14, 2023, by making a soft landing on the natural satellite of Earth. Building upon the success of its predecessors, Chandrayaan-1 and Chandrayaan-2, the third lunar mission is set to push the boundaries of space discovery and innovation.

Just under four years after the launch of Chandrayaan-2, Chandrayaan-3 takes off from the Satish Dhawan Space Centre, Andhra Pradesh perched on the back of a Geosynchronous Satellite Launch Vehicle Mark III (GSLV-MK III) heavy-lift rocket, on July 14, 2023. The mission is a prime example of India's growing commitment towards advancing its presence in the global space community.

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Department of Electronics and Telecommunication Engineering

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Editorial Team

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Co Editor : Prof. L. K. Shevada

Students Co-ordinator

Apeksha Kulkarni, Renuka Mudhalwadkar (E& TC)

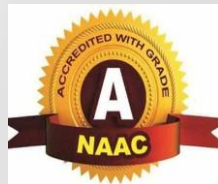
Priti sable, Aayush Choundiye (TY II E&TC)

Bhakti Sonule (SY E&TC), Rohan Nagargoje (Btech E&TC),

Sahyadri Pawar, Vandana fasate (Btech E&TC)

Marathwada Shikshan Prasarak Mandal's

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