

Electronica

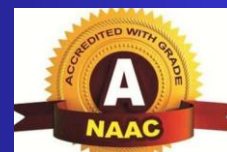


Newsletter

July 2020 to December 2020



Deogiri Institute of
Engineering &
Management Studies



Department of Electronics and
Telecommunications Engineering

Electronica Newsletter

Department of Electronics and
Telecommunication Engineering



July 2020 – December 2020

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	Application of MEMS	Mr. Pramod Shinde ,Scientist, Indian Meteorological Department, Pune	TE-A,B
2	Arduino Design Aspects	Mr. Sanket Jadhav, CEO, Mechatronics, Aurangabad	SE-A
3	Basic Electronics and Robotics	Mr. Pravin Jawle , Faculty member of Next generation Robotics, Aurangabad	SE-A
4	Upskilling tips for career growth	Ms.Kiran Vijaykumar Dayma, Assistant Manager, Vodafone, Pune section	BE-A,B
5	Career Opportunities in Python	Mr. Om Londhe, Android App Developer, Freelancer	TY-B
6	Career Opportunities in Digital Marketing	Mr. Amol Karmalkar, Director, Bigmark Education	SY B
7	Machine Learning	Mr. P. B. Pimpale, Joint Director, C-DAC Mumbai	TY-B
8	Introduction to Artificial Intelligence	Mrs. Prajakta Sadgir, Assistant Professor, College of Military Engineering Pune.	SY A



Industry Institute Interaction

Industrial Visit

Sr. No.	Name and Address of The Company/ Industry	Domain	Class
1	MANU ELECTRICALS, WALUJ MIDC,AURANGABAD	Finger type Automatic wave solder machine	SE-B
2	S. S. CONTROLS, WALUJ MIDC,AURANGABAD	PLC, SCADA and Relay Panel	SE-B
3	MANU ELECTRICALS, WALUJ MIDC,AURANGABAD	Finger type Automatic wave solder machine	TE-B
4	PRECISION POWER PVT.LTD. AURANGABAD	Frequency Converter	TE-B
5	HYDRO POWER PLANT,PAITHAN	Hydroelectric power plant	TE-B
6	JAYAKWADI IRRIGATION DIVISION, PAITHAN	Hydroelectric power plant	TE-A



Faculty Activities

Number of Quality Publications Books/Book Chapters

SR. NO.	NAME OF THE FACULTY	TITLE OF BOOK	ISBN NUMBER
1	DR.ANITA WALDE , ASHISH BHAISARE	IMPROVED TECHNIQUES FOR THE ASSESSMENT OF ONLINE LEARNERS, INNOVATIVE TEACHING AND LEARNING PROCESS DURING COVID 1	978-93-89631-66-1, ISBN (EBOOK) 978-93-89631-67-8
2	DR.ANITA WALDE , ASHISH BHAISARE	ROLE OF INFORMATION AND DIGITAL COMMUNICATION TECHNOLOGY IN COVID-19 PANDEMIC SUSTAINABILITY ON OVER WORLD. IMPACT OF COVID-19 ON SCIENCE AND TECHNOLOGY	978-93-90153-01-5

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/@KTMBBOOSTER	Prof.K.T.Madrewar	APTITUDE AND MATHEMATICS



Placement Details

Top Recruiters visited for Placement



Top Students placed this year

SR. NO.	NAME OF STUDENTS	NAME OF COMPANY	PACKAGE IN LPA
1	SOMANI SAKSHI SANTOSHKUMAR	ASP OL MEDIA PVT LTD	3
2	MENON ABHISHEK AJAYAKUMAR	ASP OL MEDIA PVT LTD	3
3	DESHMUKH MOHIT GAJANAN	ENDURANCE	2.5
4	INAMDAR SHRAVAN VILAS	FINDABILITY SCIENCES PVT LTD., AURANGABAD	2.5

Electronica Tech News

Tesla's Autopilot Self-Driving Automobile Technology



From home to destination, Tesla's enhanced Autopilot adds a new experience to self-driving vehicles. With 40X more processing power and advanced sensor technology, Tesla makes way for the future of driving.

Tesla's features making autopilot possible:

- A forward-facing radar
- Cameras provide visibility up to 250 meters away
- A high-precision digitally-controlled electric assist braking system
- 12 long-range ultrasonic sensors around the car
- These sensors can be affected if there is debris covering them
- Sense everything within 16 feet away from the vehicle

Electronica Newsletter

Department of Electronics and Telecommunication Engineering

July 2020 - December 2020

Editorial Team

Chief Editor: Dr. A.V.Nikalje

Co Editor : Prof. K.T.Madrewar

Students Co-ordinator

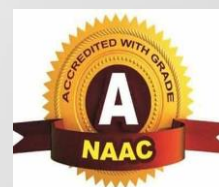
Dhanesh Gore, Vipul Joshi (SY E&TC)

Sanket Nagargoje ,Hend Shristi ,

OM Difode(TY E&TC)

Marathwada Shikshan Prasarak Mandal's

**Deogiri Institute of Engineering
And Management Studies**



Deogiri College Campus, Station Road, Chhatrapati Sambhajinagar-431005
(M. S.)

PH. No. 0240 - 2367575, 2367555, 2367546, Email Id: admin@dietms.org

Website: www.dietms.org