



Report on "Workshop on Industrial Approach in Electronics"

Programme Venue	Room No. 115
Programme Schedule	7 th -9 th January 2025
Programme Mode	Offline
Details of Resource Person	Mr. Sanjay Chaudhari, Director, Electronics Study center, Nashik.
Total Number of Students Participated in the Programme	30
Total Number of Faculty Participated in the Programme	08
Programme Coordinator/s	Prof. A. R. Patil

Objective of the Workshop:

The workshop was organized to minimize the gap between academics and industry expectations from the Electronics Engineering students. The workshop was aimed to make students able to identify and test the electronic components.

Outcome of the Workshop:

The student participants of workshop are able to identify and test the various electronic components.

Brochure:



MAULI GROUP OF INSTITUTIONS
College of Engineering & Technology, Shegaon.
AICTE Approved, Affiliated to Sant Gadge Baba Amravati University, Amravati.

To Minimize The Gap Between Education & Industry
3 Day Hands-on Practice Workshop on core Electronics
Industrial Approach in Electronics



From 07/01/2025 To 09/01/2025

Prof. Ashwini Patil
Workshop Co-ordinator

Prof. Santosh Mhaske
Head of Department

Dr. C. M. Jadhao
Principal

Organized by : Electronics & Telecommunication Department

CONDUCTED BY - ELECTRONICS STUDY CENTRE, NASIK.
An ISO 9001:2008 Certified



Late Purushottam Hari (Ganesh) Patil Shikshan Sanstha's
Mauli Group of Institution's,
College of Engineering & Technology, Shegaon
Department of Electronics & Telecommunication Engineering

Notice

Date: 02/01/2025

All the Students of Electronics and Telecommunication Engineering department are hereby informed that three days hands on practice workshop on core Electronics "Industrial Approach in Electronics" is scheduled for the registered students. Attendance is mandatory for registered students.

The details of workshop are as given:

Resource person : Mr. Sanjay Chaudhari

Director, Electronics Study Centre, Nashik

Dates : 7th Jan – 9th Jan 2025

Venue : Room No. 115

Time : 09:00 am to 05:00 pm



Prof. A. R. Patil
Faculty Coordinator

Prof. S. S. Mhaske
HOD-ENTC

Head of Department
Electronics & Telecommunication Engineering
Mauli Group of Institutions
College of Engineering & Technology
Shegaon Dist. Buldhana

Dr. C. M. Jadhao
Principal
PRINCIPAL
Mauli Group of Institutions
College of Engineering &
Technology, Shegaon



ELECTRONICS STUDY CENTRE

An ISO 9001:2008 Certified

402, 'Olive Arcade, besides Metro Moll, Tapowan link road,
Station Road, Nasik Road. 9370940465, 7304040465, 9890940465
Website- www.esctraining.com
email - esctraining@gmail.com

Ref. No.: ESC/W37/2024

Date: 25/09/2024

To,

Mauli Group of Institutions,
College of Engineering & Technology,
Shegaon.

Subject : About 3 days Hand's on Practice workshop on core Electronics for SE, TE, BE E&TC Engineering students.

Reference : With reference to above subject & verbal communication with Principal Dr. C. M. Jadhav, HoD Prof. Santosh Mhaske, Prof. Dr. Rajesh Karhe, TPO Prof. Tushar Badhe

Respected Sir,

With reference to the above subject matter, we conduct the 3 Days Practical oriented Workshop "Industrial Approach in Electronics" for your students. We are sending here with a proposal including Workshop Content (Syllabus) & contract Note copy as beneath.

- 1) Workshop material provided to the students.
- 2) Support services from college.
- 3) Terms & Conditions.

You are requested to go through the same and contact us for any further clarification.

With Regards,

Yours faithfully

Mr.Sanjay Chaudhari
Director
Electronics Study Centre



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402, 'Olive Arcade, besides Metro Moll, Tapowan link road,
Station Road, Nasik Road. 9370940465, 7304040465, 9890940465
Website- www.escelectronics.com
email - escelectronics@gmail.com

To Minimize the Gap between Education & Industry

3 Days Practical Oriented Work Shop for Engineering Students

Industrial Approach in Electronics

Course Content- Topics covered during the Workshop-

➤ Electronics Components Study :

Identification - Name, Symbol, Unit, Physical appearance, size, weight

Testing using DMM- Check working condition & compare with std. values, Possible faults with respective reading, Detect the faults.

Working - Function of component and its application

Ratings - Specifications, Available range, Safe limit use

Availability - Market, Name of the shops in city, district, Mumbai, Price in retail & Wholesale of various components, some are listed below..

1	Carbon Film Resistor (CFR)	21	LEDs assorted sizes & colors, Focus
2	Metal Film Resistor (MFR)	22	Zener Diode
3	Ceramic Resistor	23	Power diode
4	Wire Wound Resistor	24	Metal Diode
5	Tapped Wire Wound Resistor	25	Photo Diode
6	Presets all types, vert, Hori. Small, big	26	Photo Transistor
7	Multiturn preset	27	BJT Transistors NPN, PNP, UJT, FET,
8	Potentiometers Liner & Log	28	Power Transistor
9	LDR all sizes & packages	29	SCR
10	Thermistor NTC, PTC diff. shapes	30	Diac
11	Ceramic Capacitor	31	Triac
12	Paper Capacitor	32	MOSFET
13	Polyester capacitor	33	Relay, assorted shapes & sizes
14	Mica Capacitor	34	Solid State Relay, SCS
15	Tantalum capacitor	35	Inductor
16	Electrolytic capacitor	36	Intermediate Frequency Transformer
17	Semivariable Capacitor Trimmer	37	Transformers assorted, Megar Test
18	Variable Capacitor Gang Capacitor	38	Loud Speaker
19	General Purpose Diode	39	IC- Analog, Digital PROM EPROM Regulator
20	Signal Diode	40	Fuse & Connectors
Solid state Relay, SCSs, Modules of diff. components diodes, transistors, MOSFETs, IGBTs Industrial Components Diodes, SCRs, Triacs upto 500A, IGBTs, Transducers,			



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402, 'Olive Arcade, besides Metro Moll, Tapowan link road,
Station Road, Nasik Road. 9370940465, 7304040465, 9890940465
Website- www.escworkshop.in email - escelectronics@gmail.com

Date: 25/09/2024

Fee Structure for Work Shop-

Sr. No.	Course	Duration of course No. of days	Fees for each student Rs	No of students in one batch
1	Industrial Approach in Electronics	3	1600/-	80

Workshop Agenda-

Day	Time	Program	Topic
1	9.30am To 10 am	Registration	Latest Color PP size photo required
	10 am To 1 pm	Morning session	Component Identification & Testing Practice
	1 pm To 2 pm	Lunch Break	-----
	2 pm To 5 pm	Evening Session	Component Identification & Testing Practice
2	9 am To 1pm	Morning session	Component Identification & Testing Practice
	1 pm To 2 pm	Lunch Break	-----
	2pm To 5 pm	Evening Session	PCB study types - Designing Art work etching Assembling, Soldering, desoldering Tips, Technique, Practice
3	9 am To 1pm	Morning session	Project Construction & Testing
	1 pm To 2 pm	Lunch Break	-----
	2pm To 5 pm	Evening Session	Discussion, Feedback

Mauli Group of Institutions
College of Engineering & Technology Shegaon.
 Organized by Electronics & Telecommunication Engineering Department
3 Days Hands-on Practice Electronics Work-shop
Attendance 07/01/2025 To 09/01/2025

Sr. No	Name of the student	Class	Participants Signature		
			07/01/2025	08/01/2025	09/01/2025
1	Anasane Divya Ashok	SE	<u>Anasane</u>	<u>Anasane</u>	<u>Anasane</u>
2	Burade Anushka Sunil	SE	<u>Burade</u>	<u>Burade</u>	<u>Burade</u>
3	Chavan Gauri Baban	SE	<u>Chavan</u>	<u>Chavan</u>	<u>Chavan</u>
4	Dali Komal Atmaram	SE	<u>Dali</u>	<u>Dali</u>	<u>Dali</u>
5	Deshmukh Trupti Madhavrao	SE	<u>Deshmukh</u>	<u>Deshmukh</u>	<u>Deshmukh</u>
6	Devche Sumit Suresh	SE	<u>Devche</u>	<u>Devche</u>	<u>Devche</u>
7	Dhage Shivam Damodar	SE	<u>Dhage</u>	<u>Dhage</u>	<u>Dhage</u>
8	Dikey Shruti Ravikiran	SE	<u>Dikey</u>	<u>Dikey</u>	<u>Dikey</u>
9	Ganorkar Rutuja Sharad	SE	<u>Ganorkar</u>	<u>Ganorkar</u>	<u>Ganorkar</u>
10	Ghogare Gayatri Sanjay	SE	<u>Ghogare</u>	<u>Ghogare</u>	<u>Ghogare</u>
11	Ghorade Vaishnavi Sanjay	SE	<u>V.S.Ghorade</u>	<u>V.S.Ghorade</u>	<u>V.S.Ghorade</u>
12	Ingole Dewanshri Sanjay	SE	<u>Ingole</u>	<u>Ingole</u>	<u>Ingole</u>
13	Joshi Rucha Shailesh	SE	<u>Joshi</u>	<u>Joshi</u>	<u>Joshi</u>
14	Jumble Kaveri Sanjay	SE	<u>Jumble</u>	<u>Jumble</u>	<u>Jumble</u>
15	Kathole Harsha Pramod	SE	<u>Kathole</u>	<u>Kathole</u>	<u>Kathole</u>
16	Kolhe Beena Kawdu	SE	<u>Kolhe</u>	<u>Kolhe</u>	<u>Kolhe</u>
17	Kubde Kunal Ranjit	SE	<u>Kubde</u>	<u>Kubde</u>	<u>Kubde</u>
18	Masne Yash Anant	SE	<u>Masne</u>	<u>Masne</u>	<u>Masne</u>
19	Misal Varsha Namdeo	SE	<u>Misal</u>	<u>Misal</u>	<u>Misal</u>
20	Patil Om Vinod	SE	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
21	Raundale Pragati Sudhir	SE	<u>Raundale</u>	<u>Raundale</u>	<u>Raundale</u>
22	Sabale Tejaswini Madan	SE	<u>Sabale</u>	<u>Sabale</u>	<u>Sabale</u>
23	Satone Sakshi Dhanraj	SE	<u>Satone</u>	<u>Satone</u>	<u>Satone</u>
24	Shaikh Samar Shaikh Akhtar	SE	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>
25	Shejole Prajot Gajanan	SE	<u>Shejole</u>	<u>Shejole</u>	<u>Shejole</u>

College of Engineering & Technology Shegaon.

Organized by Electronics & Telecommunication Engineering Department

3 Days Hands-on Practice Electronics Work-shop

Attendance 07/01/2025 To 09/01/2025

Sr. No	Name of the student	Class	Participants Signature		
			07/01/2025	08/01/2025	09/01/2025
26	Shewatkar Swastik Sahebrao				
27	Sirsath Om Chandrashekhar	TE			
28	Tathod Manisha Satish				
29	Thakare Shreya Sunil				
30	Tivhane Gayatri Santosh				
31					
32					
33					
34					
35					

Director

Electronics Study Centre

Coordinator

Mauli College of Engineering & Technology, Shegaon

E&TC HoD

Head of Department
Electronics & Telecommunication Engineering
Mauli Group of Institution's
College of Engineering & Technology
Shegaon Dist. Buldhana



Mauli Group of Institutions College of Engineering & Technology, Shegaon.

3 day's Hand's on Practice Workshop core Electronics 07-01-2025 To 09-01-2025

Organized by Department of Electronics & Telecommunication Engineering



No. 01202501012



**Mauli Group of Institution's
College of Engineering & Technology, Shegaon**

(AICTE Approved Affiliated to Sant Gadge Baba Amravati University, Amravati)



Electronics Study Centre

AN ISO 9001 : 2008 CERTIFIED



website : www.escworkshop.in

email : escelectronics@gmail.com

Certificate



This is to certify that,

Mr./Miss. *Jumble Kavari Sanjay*

actively participated and satisfactorily completed the prescribed practicals in workshop on

“ Industrial Approach in Electronics ”

(Study of Components - Identification, Testing, Faults, Function, Application, Rating, No. Coding, PCB Designing and Soldering skills, Assembling of Innovative Mini Projects)

held during 07-01-2025 To 09-01-2025

organized by

Department of Electronics & Telecommunication Engineering

Mauli Group of Institutions

College of Engineering & Technology, Shegaon.

Prof. Ashwini Patil
Workshop Coordinator
College of Engineering & Technology, Shegaon.

Santosh S. Mhaske
HoD E&TC

Dr. C. M. Jadhao
Principal

Sanjay Chaudhari
Director
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Prof. A. R. Patil
ESA Coordinator
ENTC Department

Prof. S. S. Mhaske
HOD-ENTC
MGI-COET, Shegaon

Head of Department

Electronics & Telecommunication Engineering

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