



**PMC TECH**



**Er. PERUMAL MANIMEKALAI**  
**COLLEGE OF ENGINEERING**

(Approved by AICTE New Delhi & Affiliated to Anna University, Chennai)  
(Accredited by NAAC with 'A' Grade & An ISO 9001-2015 Certified Institution)  
NH-7,17<sup>th</sup> KM, Hosur-Krishnagiri Highways,Koneripalli,Hosur-635 117.  
website:www.pmctech.org

**DEPARTMENT OF MECHATRONICS ENGINEERING**

**ANNUAL NEWS LETTER**

Volume-1

Issue-8

June-2022

**CHIEF PATRON**

Mr. P. Kumar, -Chairman & Correspondent

**PATRONS**

Mrs. P. Mallar, Secretary & Trustee

Mrs. S. Sasirekha, Trustee

**CO-PATRON**

Dr.S.Chitra, Principal

**HOD**

Prof. M.Sahithullah.,M.E.,Ph.D.,

**EDITOR**

Mr.N.Manivel,M.E.,

AP/MCO

**PMC TECH-AN OVER VIEW**

**ABOUT THE DEPARTMENT**

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**WORKSHOP**

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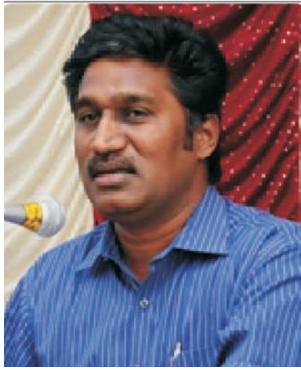
**ADD ON COURSE**

**INDUSTRIAL TRAINING**

**INDUSTRIAL TRAINING CERTIFICATION**

**LAB FACILITIES**

## CHAIRMAN'S MESSAGE



“The Institute not only extends good campus and state of the art computing facilities to the Students but also aims at giving those competencies that will make them leaders and trendsetters in their respective field, in this age of competition”

PMC TECH is committed to develop young minds for creative leadership in business and a proactive and useful role in social transformation. Today the need for being proactive and constructive is more acute than ever before due to the sweeping change influencing every aspect of our life. Therefore, there is need for action based on holistic training of youth to take on varied challenges of life. An opportunity to study at PMC TECH empowers a student to acquire knowledge and develop skills that will enable him to lead a highly productive, rewarding and holistic life. As a part of PMC TECH's commitment towards quality technical education and excellence, we embarked on promoting Faculty Development Program, Seminars, Workshops and Conferences, which will keep the faculty and students abreast of their field.

**Shri. P.Kumar,**

Chairman & Correspondent,

PMC TECH.

## SECRETARY'S MESSAGE



“The goal of education is the advancement of knowledge and the dissemination of truth”

The rapid rate of technological advancement and the information revolution have opened new series of challenges as well as opportunities. We aim to prepare the students to be successful in their workplace. It aims to prepare the students with technical knowledge and capabilities, flexibility and an understanding of the societal context of corporate world. We give the students support and encouragement they need to reach their full potential. We strive to give professional education a new perspective and achieve perfection in all spheres. We provide a pleasant & intellectually stimulating environment. The main reason for our tremendous performance is the faculty, which makes PMC TECH stand out from the rest of engineering colleges and Institutes. I wish to assure all concerned that no efforts will be spared to bring PMC TECH as one of the top Technical education Institutions.

**Smt .P.Mallar,**  
Secretary & Trustee,  
PMC TECH.

## **TRUSTEE MESSAGE**



**“Education is the ability to listen to almost anything without losing your temper or self-confidence”**

PMC TECH is committed to creating an ambience for nurturing innovation, creativity and excellence in our students. We aim to prepare the young engineers and managers to confidently and competently face the challenges of intensifying competition by imparting high quality technical and managerial education coupled with appropriate training and wide exposure to the state-of-art practices. Our educational programmes lay emphasis on all round personality development and also in inculcating human values and professional ethics which help our students become more humane and socially alive to lead a meaningful life. This newsletter will help the students and faculty members to make them aware of different activities of their department as well as the other departments and will develop a better culture and academic environment. Further this will boost the morale of students and faculty to participate in future activities.

**Smt .S.Sasirekha,**  
Trustee,  
PMC TECH.

## **PRINCIPAL MESSAGE**



**“I believe that education is not just about teaching curriculum, it is also about the development of human intellect, capability to think independently and speak articulately. Through numerous student activities the college imparts all these life skills in students. Education in PMC TECH also emphasizes on development of personality, inter- personal skills and instilling the right values”**

With a devoted and highly qualified set of faculty members, well provided infrastructure and efficient administrative staff, we always impart best education by giving in depth knowledge in the subject. We know that mere education does not make you a complete man / woman.. With our rich library, we want you to develop reading habits. We always endeavor that when student go out. They should be recognized as highly knowledgeable, amiable, active and greatly trust worthy individual. Thanks to the educationally committed management, we have the reputation that we provide all the facilities and amenities. May be because of all these,. I am thankful to all my colleagues who are striving hard to establish PMC TECH as one of the leading Engineering Institutions.

**Dr.S.Chitra.,M.E.,Ph.D.,**

Principal.

## **HOD MESSAGE**



“Our nuclear scientists and engineers have done a splendid job, and naturally, the entire nation has risen to salute their professional excellence, discipline, and patriotism. They have had the benefit of having been led in the past by great men like Homi Bhabha and Vikram Sarabhai. “

I feel ecstatic to introduce you to Department of Mechatronics Engineering, which is the foundation of engineers and Department of Mechatronics Engineering combines Mechanical Engineering and Electronics Engineering and strives for increasing the knowledge, enhancing the critical thinking, ability to change information into knowledge and power of analyzing the things technically of each and every individual of ever changing society through students. We always intend to impart knowledge through a closed knit family of highly competent faculty. Our Laboratories have been very well established not only to cover complete syllabus but to motivate students to learn beyond the syllabus which definitely develops complete knowledge of the subject (both the practical and theoretical depth of knowledge) and develop skill sets of students to become promising engineers in future. I would like to conclude with the words of Thomas Friedman who has rightly opined "World is flat opportunities are immense. It's just a question of identifying opportunities and making the best of them". I wish a very best of luck to the students.

**Prof.M.SAHITHULLAH,,**

**HOD/MCO.**

# PMC TECH-AN OVERVIEW

PMC TECH group of Institutions consisting of Engineering College, polytechnic and ITI were established in the year 1996 by Mr.P.Kumar, Our founder and Chairman and sponsored by Er.Perumal Manimekalai Telugu Minority Educational and Charitable Trust. It is situated closer to the Industrial Hub, Hosur, Tamilnadu.

Er.Perumal Manimekalai College of Engineering, established in the Academic year 2002-03 is approved by All India Council for Technical Education (AICTE) and affiliated Anna University.

PMC TECH creates unique opportunities, provides individualized educational challenges, promotes high order thinking skills and maintains a strong tradition of academic excellence for students. The college is equipped with world class infrastructure and highly qualified, experienced faculty members. An active Placement Training and Welfare Cell is functioning with full enthusiasm with the aim of placing the students in top-notch companies. PMCTECH, a premier institution for higher education seeks to impart value added technical education and always aiming at excellence along with inculcation of ethical, moral, & professional values, with national welfare in heart.



# ABOUT THE DEPARTMENT

Department of Mechatronics Engineering is a professional discipline that combines Electrical and Mechanical Engineering with Computer Technology and Control Engineering. Being a part of the PMC TECH family from the year 2013, it uses and provides new technologies in automation and robotics. The Department has highly qualified and experienced faculty members to strengthen and fulfill the needs of the students from rural community. It has highly equipped with modernized laboratories for the benefit and betterment of the students society in the field of Mechatronics Engineering. Tasks in hazardous environments or precise positioning to be accomplished suitably for the benefits of health, safety, society and economy.

## VISION

To create a centre of excellence by imparting relevant technical knowledge and wisdom to the students' through innovative teaching and extensive practical exposure in the field of mechatronics coupled with relentless rendezvous in research to excel in their chosen career.

## MISSION

- ❖ To ensure unique and effective, teaching-learning process through imparting in depth knowledge of the concepts, principles, and its applications.
- ❖ To enrich the students with extensive industry oriented practical knowledge through state of art laboratories meeting the needs of industry and society
- ❖ To provide distinctive opportunities for finding innovative solutions to the complex problems for the growth and development in industry and society.

## **PROGRAM EDUCATIONAL OBJECTIVES (PEOs)**

The graduates will be able to,

1. Inculcate Knowledge in Basic Engineering Sciences and Fundamentals of Mechanical, Electronics and Electrical Engineering.
2. To Design, Develop Product and applications in the field of Automation and Mechatronics.
3. Prepare Graduates to be valuable Engineers with excellent logical and Problem solving skills in a multidisciplinary environment.

## **PROGRAM SPECIFIC OUTCOMES (PSOs)**

1. Design and investigate the problems related to instrumentation, control, automation, and robotics provide solutions.
2. To develop a Mechatronics system to meet the requirements and specifications.
3. To analyse and improve the performance of a Mechatronics system and enhance the intellectual capabilities of the system.

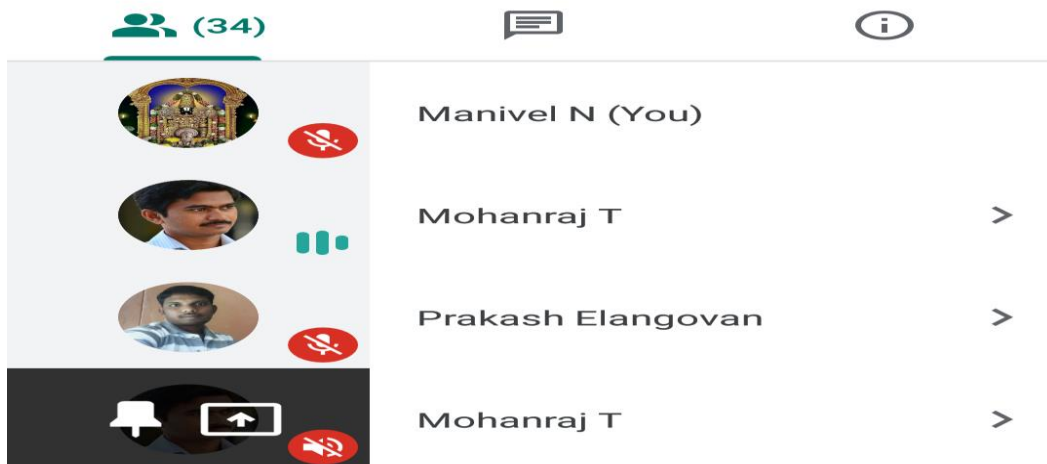
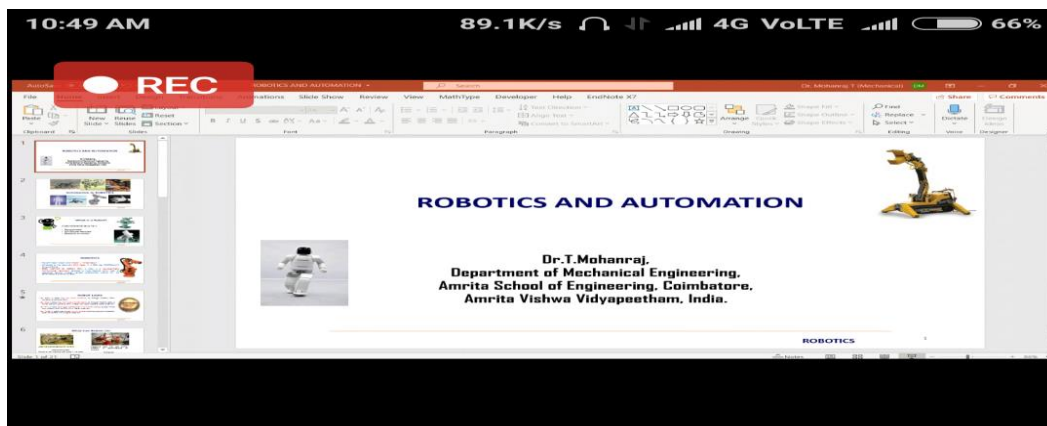
## **TECHNICAL SYMPOSIUM "ROBOTECH-2K21"**



*Technical Symposium ROBOTECH-2K21 Principal Madam gave Felicitation Address*



*Technical Symposium ROBOTECH-2K21 HoD Sir gave Welcome Address*



### *The Chief Guest gave Keynote Address*

The Department of Mechatronics Engineering organized a one day National Level Technical Symposium on “**ROBOTECH-2K21**” on 27-10-2021. **Shri. P. Kumar**, Secretary & Correspondent delivered the Felicitation Address. **Smt.P.Mallar**, Trustee delivered the Special Address. **Prof.M.Sahithullah**, Head of the Department delivered the Welcome Address. **Dr.T.Mohanraj**, Assistant Professor(Sr.Grade),Amrita school of Engineering, Coimbatore as Chief Guest and delivered the Keynote Address. In this Symposium about 55 participants were participated and presented their papers. Finally **Mr.N.Manivel**, AP of Mechatronics Engineering proposed the Vote of Thanks.

## **WORKSHOP**

| S.No | Title of event                  | Date                          | Chief Guest /Speaker   | No of Participants | YEAR/ SEM               |
|------|---------------------------------|-------------------------------|--|--------------------|-------------------------|
| 1    | Industrial Robot                | 25.09.2021                    | Mr.G.Karthick,<br>Director,<br>Wayhead Technology Pvt Ltd,<br>Chennai.                               | 19                 | IV/VII                  |
| 2    | Industrial Robotics             | 22/11/2021<br>-<br>23/11/2021 | Mr.G.Vignesh,<br>Technical Coordinator,<br>Axis Global Institute of Industrial<br>Training ,Chennai. | 53                 | II/IV,III/VI,<br>IV/VII |
| 3    | PCB Design Using<br>Proteus 8.0 | 05/05/2022<br>-<br>06/05/2022 | Dr.T.Rajesh,<br>Technical Lead Engineer,<br>Innovate Engineering Product,<br>Hosur                   | 32                 | II/IV,III/VI            |

# Industrial Robot



*One day Workshop on Industrial Robot Seminar Session*



*One day Workshop on Industrial Robot Practical Session*

The Department of Mechatronics Engineering organized a one day Workshop on “**Industrial Robot**” during 25-09-2021 for the benefit of Final year students. Mr.G.Karthick, Director, Wayhead Technology Pvt Ltd, Chennai, was the Chief Guest and given the Lecture with hands on Training.

# Industrial Robotics



*Two days Workshop on Industrial Robot Seminar Session*



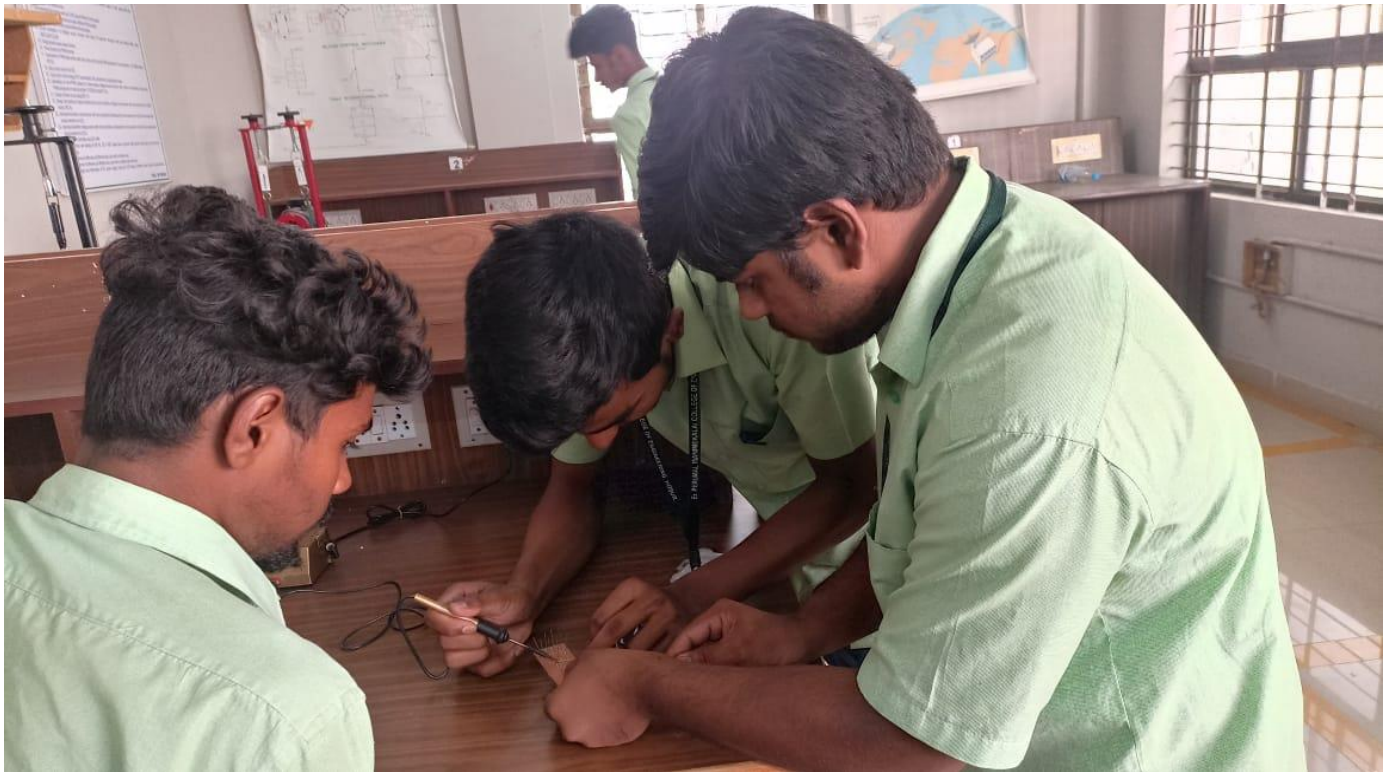
*Two days Workshop on Industrial Robot Practical Session*

The Department of Mechatronics Engineering organized a Two days Workshop on “**Industrial Robotics**” during 22-11-2021 to 23-11-2021 for the benefit of Second, Third & Final year students. Mr.G.Vignesh, Technical Coordinator, Axis Global Institute of Industrial Training , Chennai, was the Chief Guest and given the Lecture with hands on Training.

## PCB Design Using Proteus 8.0



*Two days Workshop on PCB Design Using Proteus 8.0*



*Two days Workshop on PCB Design Using Proteus 8.0*

The Department of Mechatronics Engineering organized a Two days Workshop on “**PCB Design Using Proteus 8.0**” during 05-05-2022 to 06-05-2022 for the benefit of Second & Third year students. Dr.T.Rajesh, Technical Lead Engineer, Innovate Engineering Product, Hosur was the Chief Guest and given the Lecture with hands on Training.

## INDUSTRIAL VISIT

| S.NO | DEPARTMENT & YEAR | ORGANISATION VISITED WITH ADDRESS                            | DATE       | NO.OF STUDENTS |
|------|-------------------|--|------------|----------------|
| 1    | MCO-III & IV      | Indian Machine Tool Manufacturing Association,<br>Bangalore. | 11.11.2021 | 26             |
| 2    | MCO-II & III      | Innoforge Private Limited, Hosur                             | 09.11.2021 | 32             |
| 3    | MCO-II & III      | Mahalakshmi Plastics Private Limited, Hosur.                 | 09.11.2021 | 32             |
| 4    | MCO-II & III      | Hindustan Machine Tools Limited, Bangalore.                  | 22.04.2022 | 32             |

### Indian Machine Tool Manufacturing Association



**One day Industrial Visit at Indian Machine Tool Manufacturing Association, Bangalore**

The department Mechatronics Engineering has been arranged a one day Industrial Visit at “**Indian Machine Tool Manufacturing Association**”, Bangalore to the final year Mechatronics Engineering students on 11.11.2021. Mr.N.Manivel, AP/Mechatronics Engineering are the student coordinators.



## **INNOFORGE PRIVATE LIMITED**



*One day Industrial Visit at INNOFORGE, Hosur*

The department Mechatronics Engineering has been arranged a one day Industrial Visit at “**INNOFORGE**”, Hosur to the Second & third year Mechatronics Engineering students on 09.11.2021. Mr.N.Manivel, AP/Mechatronics Engineering was the student coordinator.

## **MAHALAKSHMI PLASTICS PRIVATE LIMITED**



*One day Industrial Visit at MAHALAKSHMI PLASTICS PRIVATE LIMITED, Hosur*

The department Mechatronics Engineering has been arranged a one day Industrial Visit at “**MAHALAKSHMI PLASTICS PRIVATE LIMITED**”, Hosur to the Second & third year Mechatronics Engineering students on 09.11.2021. Mr.N.Manivel, AP/Mechatronics Engineering was the student coordinator.

# HINDUSTAN MACHINE TOOLS LIMITED



*One day Industrial Visit at HMT Museum, Bangalore.*



*One day Industrial Visit at Hindustan Machine Tools Limited, Bangalore.*

The department Mechatronics Engineering has been arranged a one day Industrial Visit Hindustan Machine Tools Limited, at Bangalore to the Second & third year Mechatronics Engineering students on 24.06.2019. Mr.K.Sureshkumar, AP and Mr.N.Manivel, AP/Mechatronics Engineering are the student coordinators.

## TECHNICAL SEMINAR

| <b>S.NO</b> | <b>TITLE OF EVENT</b>                     | <b>CHIEF GUEST/SPEAKER</b>   | <b>DATE</b> | <b>NO OF STUDENTS PATICIPATED</b> | <b>YEAR/SEM</b>         |
|-------------|---|--|-------------|-----------------------------------|-------------------------|
| 1           | Recent Trends in Industrial ROBOTS & IIOT | Mr.R.Prasanna,<br>Assistant Manager,<br>FANUC India Limited,<br>Bangalore                                | 18.11.2021  | 53                                | II,II,IV/III, V,<br>VII |
| 2           | Industrial Automation                     | Mr.G.S.Nagaraj, Senior<br>Engineer,Technical<br>Sales,Beckhoff Automation<br>PvtLtd, Bangalore.          | 25.11.2021  | 53                                | II,II,IV/III, V,<br>VII |
| 3           | IT in Manufacturing                       | Mr. Ganesan Swaminathan,<br>Co-Founder Consultants,<br>AGM-IT (Retired),<br>Ashok Leyland Ltd,<br>Hosur. | 07.04.2022  | 51                                | II,II,IV/III, V,<br>VII |
| 4           | Industrial Automation                     | Mr.G.Vignesh,<br>Technical Coordinator,<br>Axis Global Institute of<br>Insdustrial<br>Training,Chennai.  | 11.04.2022  | 27                                | III,IV/, V, VII         |
| 5           | SCADA                                     | Mr.Mohammed<br>Fareed,Project<br>Engineer,IPCL Global<br>Solutions Pvt Ltd,<br>Bangalore.                | 16.05.2022  | 27                                | III,IV/, V, VII         |

## INDUSTRIAL ROBOTS & IIOT



*Technical Seminar on Recent Trends in Industrial ROBOTS & IIOT*

A Technical Seminar on “*Recent Trends in Industrial ROBOTS & IIOT*” was conducted by Department of Mechatronics Engineering on 18-11-2021 to the Second, Third & final Year students. **Mr.R.Prasanna**, Assistant Manager, FANUC India Limited, Bangalore was the Chief Guest and gave the lecture in the Seminar.

## INDUSTRIAL AUTOMATION



*Technical Seminar on Industrial Automation*

A Technical Seminar on “*Industrial Automation*” was conducted by Department of Mechatronics Engineering on 25-11-2021 to the Second, Third & final Year students. **Mr.G.S.Nagaraj**, Senior Engineer, Technical Sales, Beckhoff Automation Pvt Ltd, Bangalore was the Chief Guest and gave the lecture in the Seminar.

## IT IN MANUFACTURING



*Technical Seminar on IT in Manufacturing*

A Technical Seminar on “**Industrial Automation**” was conducted by Department of Mechatronics Engineering on 07-04-2022 to the Second, Third & final Year students. **Mr. Ganesan Swaminathan**, Co-Founder Consultants, AGM-IT (Retired), Ashok Leyland Ltd, Hosur. was the Chief Guest and gave the lecture in the Seminar.

## INDUSTRIAL AUTOMATION



*Technical Seminar on Industrial Automation*

A Technical Seminar on “**Industrial Automation**” was conducted by Department of Mechatronics Engineering on 11-04-2022 to the Third & final Year students. Mr.G.Vignesh, Technical Coordinator, Axis Global Institute of Industrial Training, Chennai, was the Chief Guest and gave the lecture in the Seminar.

## **SCADA**






*Technical Seminar on SCADA*

A Technical Seminar on “**SCADA**” was conducted by Department of Mechatronics Engineering on 16-05-2022 to the Third & final Year students. Mr.Mohammed Fareed, Project Engineer, IPCL Global Solutions Pvt Ltd, Bangalore was the Chief Guest and gave the lecture in the Seminar.

## **TECHNICAL WEBINAR**

| <b>S.NO</b> | <b>TITLE OF EVENT</b>                            | <b>CHIEF GUEST/SPEAKER</b>   | <b>DATE</b> | <b>NO OF STUDENTS PARTICIPATED</b> | <b>YEAR/SEM</b>     |
|-------------|--|--|-------------|------------------------------------|---------------------|
| 1           | SMART AUTOMATION                                 | Mr.R.VIJAY, Maintenance Engineer, Foxcon India Pvt Ltd, Kanchipuram.   | 15.09.2021  | 53                                 | II,II,IV/III,V, VII |
| 2           | INTRODUCTION TO 3D PROTOTYPING OF ARDUINO ROBOTS | Mr.JAIKISHAN PANDIRI<br>Assistant Professor,<br>Aditya College of Engineering and Technology,<br>Andhra Pradesh. | 29.10.2021  | 53                                 | II,II,IV/III,V, VII |
| 3           | INTRODUCTION TO MACHINE TOOLS AND AUTOMATION     | Mr.M.MAHESWARAN<br>Senior Executive Officer,<br>Indian Machine Tool Manufacturing Association,<br>Bangalore.     | 24.11.2021  | 53                                 | II,II,IV/III,V, VII |


# SMART AUTOMATION


**Er. PERUMAL MANIMEKALAI  
COLLEGE OF ENGINEERING**  
(Accredited by NAAC with 'B++' Grade)  
Koneripalli, Hosur 635 117


**DEPARTMENT OF MECHATRONICS ENGINEERING**

## Technical Webinar on Smart Automation





**R. VIJAY**  
Maintenance Engineer,  
Foxconn India Pvt Ltd,  
Kanchipuram.






2021  
SEP






8220868477




Date 15-09-2021    11.00am to 12.00pm    E Mail: [hod.mco@gmail.com](mailto:hod.mco@gmail.com)    <https://meet.google.com/qyk-jisg-hnz>


**Advantages of Automation**





- ★ Replacing humans in tasks done in dangerous environments (i.e. fire space, volcanoes)
- ★ Performing tasks that are beyond human capabilities (e.g. water speed)
- ★ Economy improvement



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Manivel N (You)

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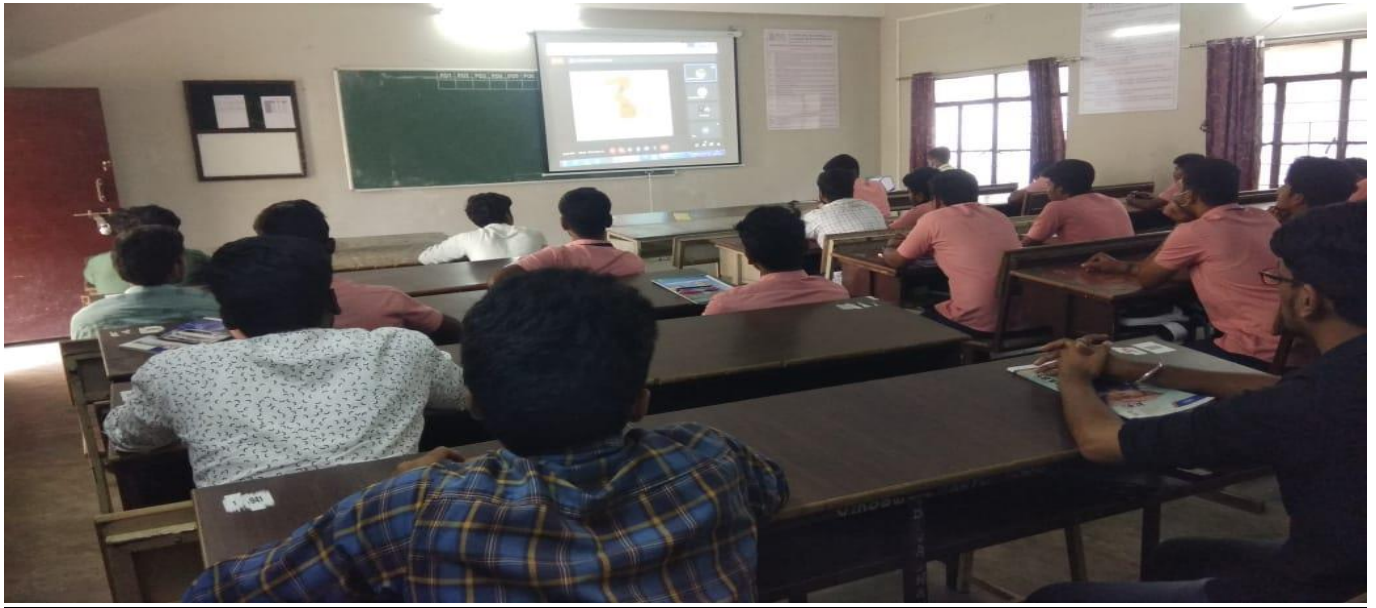
GOKUL SIVAPRAKASAM >

Vetrivel J B.E Mechatronics >

*Technical Webinar on SMART AUTOMATION*

A Technical Webinar on “*SMART AUTOMATION*” was conducted by Department of Mechatronics Engineering on 15- 09-2021 to the Second ,Third & final Year students. Mr.R.Vijay, Maintenance Engineer, Foxcon India Pvt Ltd, Kanchipuram was the Chief Guest and gave the lecture in the Webinar.

## **INTRODUCTION TO 3D PROTOTYPING OF ARDUINO ROBOTS**



*Technical Webinar On Introduction To 3d Prototyping Of Arduino Robots*

**REC**

### ADDITIVE MANUFACTURING

3D Printing

- Material Extrusion
  - FFF
- Vat Polymerization
  - SLA
  - DLP
- Powder Bed Fusion (Polymers)
  - SLS
- Material Jetting
  - Material Jetting
  - DOO
- Binder Jetting
  - Binder Jetting
- Powder Bed Fusion (Metals)
  - DMLS
  - SLM
  - ESM

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Manivel N (You)

jaikishan pandiri >

jaikishan pandiri >

NANDHU V.S >



A Technical Webinar on “**INTRODUCTION TO 3D PROTOTYPING OF ARDUINO ROBOTS**” was conducted by Department of Mechatronics Engineering on 29- 10-2021 to the Second ,Third & final Year students. Mr.JAIKISHAN PANDIRI, Assistant Professor, Aditya College of Engineering and Technology, Andhra Pradesh was the Chief Guest and gave the lecture in the Webinar.

## **INTRODUCTION TO MACHINE TOOLS AND AUTOMATION**



**Er. PERUMAL MANIMEKALAI  
COLLEGE OF ENGINEERING**  
ACCREDITED BY NAAC WITH 'A' GRADE  
Koneripalli, HOSUR - 635 117.



**DEPARTMENT OF MECHATRONICS ENGINEERING**  
*A Technical Webinar*  
On  
**“INTRODUCTION TO MACHINE TOOLS AND AUTOMATION”**



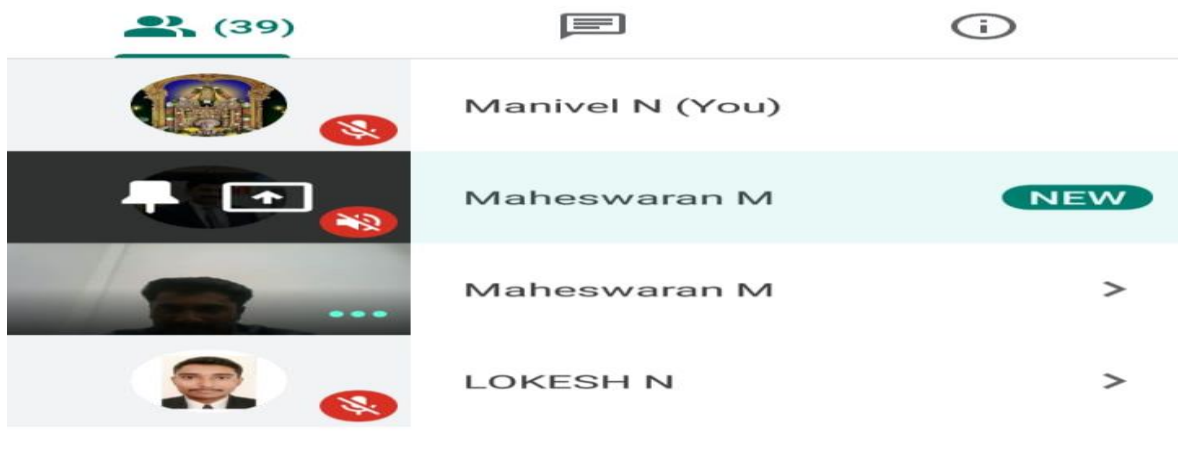
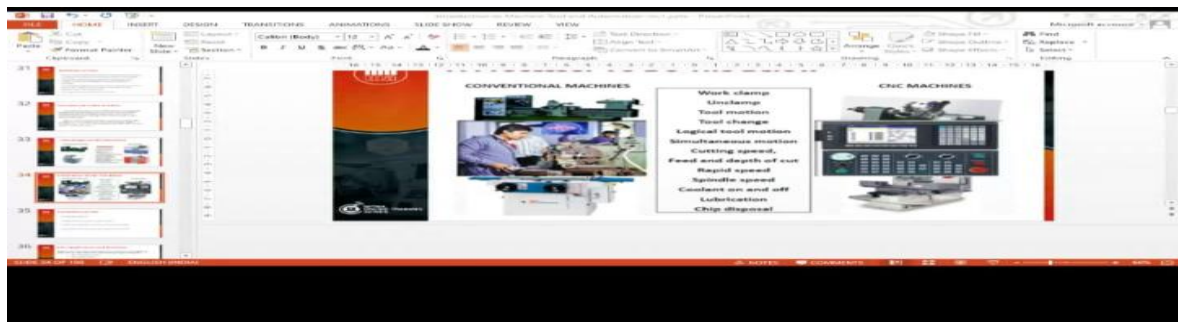
**Resource Person**  
**Mr. M.MAHESWARAN,**  
Senior Executive Officer,  
Indian Machine Tool Manufacturing  
Association,  
Bangalore.

Date: 24<sup>th</sup>  
November-2021  
Time:  
03.00PM-04.00PM

*Event Co-ordinator*  
**Mr.N.Manivel,**  
Asst.Prof/  
Mechatronics,  
Cell:883822431




*Convener*  
**Dr.M.Sahithullah,**  
HOD/Mechatronics  
Cell:9655385078



A Technical Webinar on “*Introduction to Machine Tools and Automation*” was conducted by Department of Mechatronics Engineering on 15- 09-2021 to the Second ,Third & final Year students. Mr.M.Maheswaran, Senior Executive Officer, Indian Machine Tool Manufacturing Association, Bangalore was the Chief Guest and gave the lecture in the Webinar.

## **ADD ON COURSE**

### **ROBOT PROCESS AUTOMATION**



*Add on Course on ROBOTICS PROCESS AUTOMATION*



### *Add on Course on **ROBOTICS PROCESS AUTOMATION***

Add on Course “**ROBOT PROCESS AUTOMATION**” was conducted by Department of Mechatronics Engineering on 23- 05-2022 to 11.06.2022 to the final Year students, **Mr.K.Srinath**, Senoir Associate RPA Developer, KGISL, Coimbatore, was the Chief Guest and gave the lecture in the Add on course

## **CNC TURNING& MILLING**



### *Add on Course on **CNC TURNING& MILLING***



***Add on Course on CNC TURNING& MILLING***

Add on Course “**CNC TURNING& MILLING**” was conducted by Department of Mechatronics Engineering on 10.02.2022 to 18.02.2022 to the final Year students, Mr.C.Khader, AP/Mechatronics, PMC TECH Hosur was the Chief Guest and gave the lecture in the *Add on Course*

## **INDUSTRIAL TRAINING**

| <b>S.NO</b> | <b>NAME OF THE STUDENS</b> | <b>INDUSTRY NAME</b>        | <b>PERIOD</b>         |
|-------------|----------------------------|-----------------------------|-----------------------|
| 1           | BOOBALAN.R                 | FANUC INDIA PRIVATE LIMITED | 10.02.2022-18.02.2022 |
| 2           | DILIPKUMAR.B               | FANUC INDIA PRIVATE LIMITED | 10.02.2022-18.02.2022 |
| 3           | GOWTHAM.K                  | FANUC INDIA PRIVATE LIMITED | 10.02.2022-18.02.2022 |
| 4           | KIRAN.B                    | FANUC INDIA PRIVATE LIMITED | 10.02.2022-18.02.2022 |
| 5           | KALIMUTHU.A                | FANUC INDIA PRIVATE LIMITED | 10.02.2022-18.02.2022 |
| 6           | LOKESH.N                   | FANUC INDIA PRIVATE LIMITED | 10.02.2022-18.02.2022 |
| 7           | MURALIDHARAN.M             | FANUC INDIA PRIVATE LIMITED | 10.02.2022-18.02.2022 |
| 8           | PRADEEP.V                  | FANUC INDIA PRIVATE LIMITED | 10.02.2022-18.02.2022 |

|    |                |                             |                       |
|----|----------------|-----------------------------|-----------------------|
| 9  | TAMILARASAN.S  | FANUC INDIA PRIVATE LIMITED | 10.02.2022-18.02.2022 |
| 10 | SRINIVASAN.M   | FANUC INDIA PRIVATE LIMITED | 10.02.2022-18.02.2022 |
| 11 | LOKESH.N       | ASHOK LEYLAND LIMITED       | 24.03.2022-23.04.2022 |
| 12 | ARUN.N         | ASHOK LEYLAND LIMITED       | 24.03.2022-23.04.2022 |
| 13 | DILIPKUMAR.B   | SKILL SONICS INDIA          | 07.02.2022-26.03.2022 |
| 14 | SRINIVASAN.M   | SKILL SONICS INDIA          | 07.02.2022-26.03.2022 |
| 15 | SEENIVASAN.V   | SKILL SONICS INDIA          | 07.02.2022-26.03.2022 |
| 16 | ARUN.N         | SKILL SONICS INDIA          | 07.02.2022-26.03.2022 |
| 17 | RANJITHKUMAR.K | SKILL SONICS INDIA          | 07.02.2022-26.03.2022 |
| 18 | LOKESH.N       | SKILL SONICS INDIA          | 07.02.2022-26.03.2022 |

## INDUSTRIAL TRAINING CERTIFICATION



**ASHOK LEYLAND**  
Aapki Jeet. Hamari Jeet.

26-Apr-22

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that  
**Mr.LOKESH N**  
B E(Mechtronics) Student of  
**ER.PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING**

has undergone Inplant Training at Ashok Leyland,Hosur-I from  
24/03/2022 to 23/04/2022

During the above period he has evinced keen interest in the training.


  
**G.Ramesh**  
 Divl. Manager HR





**ASHOK LEYLAND LIMITED**  
 175, Sipcoot Industrial Complex, Hosur - 635 126, India.  
 Telephone : +91 4344 276631 Fax : +91 4344 276067  
 Email : reachus@ashokleyland.com  
 Regd. Office: No. 1, Sardar Patel Road, Guindy, Chennai - 600 032, India.  
 Telephone : +91 44 2220 6000 Fax : +91 44 2220 6001  
 CIN : L34101TN1948PLC000105  
 www.ashokleyland.com





**ASHOK LEYLAND**  
Aapki Jeet. Hamari Jeet.


26-Apr-22


**TO WHOMSOEVER IT MAY CONCERN**

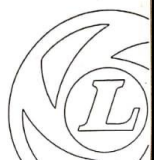
This is to certify that  
**Mr.ARUN N**  
B E(Mechtronics) Student of  
**ER.PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING**

has undergone Inplant Training at Ashok Leyland,Hosur-I from  
24/03/2022 to 23/04/2022

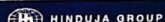
During the above period he has evinced keen interest in the training.

  
**G.Ramesh**  
 Divl. Manager HR





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(An accredited by NAAC with 'A' / An ISO 9001:2015 Certified Institution)  
NH7, Koneripalli, HOSUR - 635 117, Krishnagiri Dist, Tamilnadu, India.



In Association With  
FANUC INDIA Private Limited, Bangalore

## Certificate


This is to Certify that A. KALIMUTHU B.E. MECHATRONICS ENGINEERING  
from Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING, HOSUR  
has successfully completed training on CNC programming (Turning and Milling)  
conducted during 10.02.2022 TO 18.02.2022

  
HOD



  
PRINCIPAL



  
Rameshbabu R.  
Manager,  
FANUC India Academy.



# Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING

(An accredited by NAAC with 'A' / An ISO 9001:2015 Certified Institution)  
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In Association With  
FANUC INDIA Private Limited, Bangalore

## Certificate

This is to Certify that M. SRINIVASAN B.E. MECHATRONICS ENGINEERING  
from Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING, HOSUR  
has successfully completed training on CNC programming (Turning and Milling)  
conducted during 10.02.2022 TO 18.02.2022

  
HOD



  
PRINCIPAL



  
Rameshbabu R.  
Manager,  
FANUC India Academy.



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**FANUC INDIA Private Limited, Bangalore**

### Certificate

This is to Certify that B. KIRAN, B.E., MECHATRONICS ENGINEERING  
 from Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING, HOSUR  
 has successfully completed training on CNC programming (Turning and Milling)  
 conducted during 10.02.2022 TO 18.02.2022

  
 HOD



  
 PRINCIPAL



  
 Rameshbabu R.  
 Manager,  
 FANUC India Academy.



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### Certificate

This is to Certify that N. LOKESH, B.E., MECHATRONICS ENGINEERING  
 from Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING, HOSUR  
 has successfully completed training on CNC programming (Turning and Milling)  
 conducted during 10.02.2022 TO 18.02.2022

  
 HOD



  
 PRINCIPAL



  
 Rameshbabu R.  
 Manager,  
 FANUC India Academy.



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**FANUC INDIA Private Limited, Bangalore**

### Certificate

This is to Certify that N. LOKESH, B.E., MECHATRONICS ENGINEERING  
 from Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING, HOSUR  
 has successfully completed training on CNC programming (Turning and Milling)  
 conducted during 10.02.2022 TO 18.02.2022

  
 HOD



  
 PRINCIPAL



  
 Rameshbabu R.  
 Manager,  
 FANUC India Academy.



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### Certificate

This is to Certify that K. MURALIDHARAN, B.E. MECHATRONICS ENGINEERING  
 from Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING, HOSUR,.....  
 has successfully completed training on CNC programming (Turning and Milling)  
 conducted during 10.02.22 TO 18.02.2022.....

  
 HOD



  
 PRINCIPAL



  
 Rameshbabu R.  
 Manager,  
 FANUC India Academy.



**Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING**  
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### Certificate

This is to Certify that V. PRADEEP, B.E. MECHATRONICS ENGINEERING  
 from Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING, HOSUR,.....  
 has successfully completed training on CNC programming (Turning and Milling)  
 conducted during 10.02.2022 TO 18.02.2022.....

  
 HOD



  
 PRINCIPAL



  
 Rameshbabu R.  
 Manager,  
 FANUC India Academy.



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**FANUC INDIA Private Limited, Bangalore**

### Certificate

This is to Certify that K. GOWDHAN, B.E. MECHATRONICS ENGINEERING  
 from Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING, HOSUR,.....  
 has successfully completed training on CNC programming (Turning and Milling)  
 conducted during 10.02.2022 TO 16.02.2022.....

  
 HOD



  
 PRINCIPAL



  
 Rameshbabu R.  
 Manager,  
 FANUC India Academy.





**Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING**  
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### Certificate

This is to Certify that R. BOOPAN, B.E. MECHATRONICS ENGINEERING  
 from Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING, HOSUR  
 has successfully completed training on CNC programming (Turning and Milling)  
 conducted during 10.02.2022 To 18.02.2022

  
 HOD



  
 PRINCIPAL



  
 Rameshbabu R.  
 Manager,  
 FANUC India Academy.



**Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING**  
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 NH7, Koneripalli, HOSUR - 635 117, Krishnagiri Dist, Tamilnadu, India.



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### Certificate

This is to Certify that S. TANIZHARASAN, B.E. MECHATRONICS ENGINEERING  
 from Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING, HOSUR  
 has successfully completed training on CNC programming (Turning and Milling)  
 conducted during 10.02.2022 To 18.02.2022

  
 HOD



  
 PRINCIPAL



  
 Rameshbabu R.  
 Manager,  
 FANUC India Academy.



### Certificate

This is to certify that  
**Arun N**  
 has successfully cleared the assessment for the role of  
**Fitter- Electrical and electronic assembly (CSC/Q0305)**  
 conforming to National Skills Qualifications Framework Level - 3

Issued by STEP - Schaeffler Technical Enhancement Program

Institution Name SkillsOnics India Private Limited

Signature   
 Prasenjit Kundu, Authorized Signatory





Anil Parsh  
 Chairperson  
 Capital Goods Skill Council

Date of Issuance 02/04/2022  
 System Identification Number  
 CPUS2022-2024/FITTING/CSC/INDIA/ISSCAN\_19031896

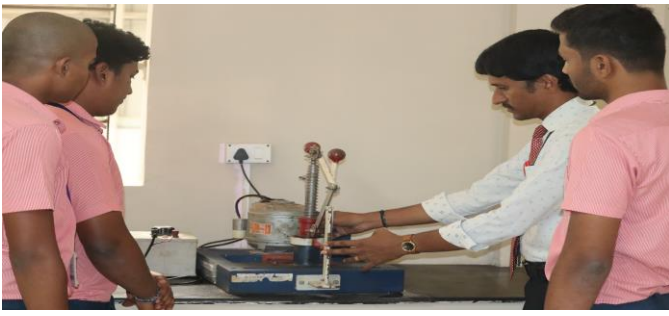


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## LAB FACILITIES

- Strength of material and Fluid mechanics and Machinery Laboratory.
- Electrical Machines and Drive Laboratory.
- Microprocessor and Microcontroller Laboratory.
- Computer aided machine drawing
- Power Electronics Laboratory.
- Sensor and Instrumentation Laboratory.
- Dynamics Laboratory.
- Applied Hydraulics and Pneumatics Laboratory.
- Industrial Automation Laboratory.



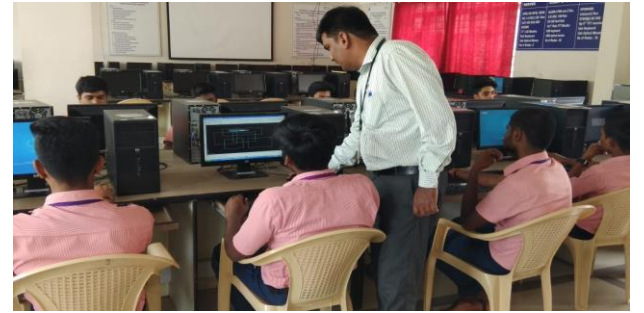
**Dynamics Laboratory**



**Manufacturing Laboratory**



**Applied Hydraulics and Pneumatics Lab.**



**CAD Laboratory**



**Electrical Machines and Drive Laboratory**



**Strength of material Laboratory**