

T. M. Palayam, Coimbatore-641 105



(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Accredited by NAAC, Recognized by UGC with Section 2(f) and 12(B)

NBA Accredited UG Courses: AERO,CSE,MECH

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences		
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2.3.1 STUDENT CENTRIC METHODS, SUCH AS EXPERIENTIAL LEARNING, PARTICIPATIVE LEARNING AND PROBLEM-SOLVING METHODOLOGIES ARE ACCUSTOMED TO ENHANCE THE LEARNERS FOR GETTING EXPERIENCES AND TO APPLY IN THEIR CAREER LIFE.

In addition to traditional teaching-learning methods, the institute is highly interested in providing innovative methods for enriching the learning experience. The methodologies include illustration and special lectures, field study, case-studies, project-based-methods, experimental methods.

Our institute encouraged the learners to get practiced in an interactive way through virtual learning even during the pandemic time and issued materials which posted in the Learning Management System (LMS) and at the same time the slow learners were focused and special care were taken towards in the way of providing important questions from previous year university question papers and also made them to submit the assignment in the online mode.

Experimental Learning:

Throughout the experiential learning process, the learner is actively engaged in posing questions, investigating, experimenting, being curious in solving problems and being creative.

- State- of- art laboratories have been established for students to impart the experiential learning through Theory to Practice Lectures.
- Our Institution established e-learning facilities and resources like NPTEL, Learning Management System, Content Management System, e-books and e-journals, digital library to improve their creative thinking in technical and research fields.
- Our Institution established industry powered centers to train the students on emerging technologies

Participative learning:

Our Institution is in collaboration with MHRD Institution Innovation Council to promote creativity and critical thinking among students through active participation in webinars, project competitions.

A pedagogical approach involving students of different cognitive levels was made to learn in a collaborative manner in mini projects as well as major projects' to accomplish an assigned task.

The students'learning methodology is further tuned by peer-to-peer learning so that students would involve in sharing their views and come out with apt solutions for the defined problems.

Role play and Brainstorming are practiced for feasible content to learn the concepts in an easy way. The students are promoted for handling technical topics, which allow them to think broadly and come up with their opinions & suggestions in finding better solutions.

Our Institution consists of various club activities like Nature club, Energy club, Rotract club, Photography club, Science club etc., to exhibit their individual and teamwork in communicating the needs and responsibilities which are quite needed to deal the society in an ethical manner.

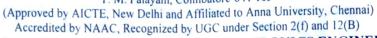
Nehru Corporate Placements and Industrial Relations (NCP & IR) ensures the students are trained on domain-related tools, technologies and soft skills. Students can access various learning modules available at learning labs or through online e-learning Resources. Our institutions has partnered with Global technology companies like Microsoft, Oracle, Red hat, EMC, Autodesk, Open stack and many more to train our students on various technologies including Cloud Computing.

Problem-solving Methodologies:

- Our academic time table inculcates technical seminar hours to enrich students' in presenting the concepts which would train them to get confidence to solve the problem-solving skills.
- Assignments in higher level of thinking are given to the students to break down ideas into simpler parts and find evidence to support self-learning abilities.
- Students are encouraged to find out the solutions for real time problems via case studies, hackathon and field/industrial projects.
- Field visits, In-plant trainings have been organized to make the students acquaint with industry standards and work ethics.
- Tutorial classes are being conducted for analytical courses in which modern pedagogical tools like group tutorial, collaborative learning are practiced by the students for improving their problem solving ability.
- Industry based projects are being carried by the students.



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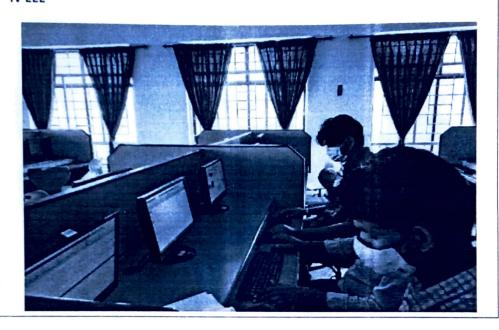


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic year 2020 - 2021

POWER SYSTEM SIMULATION LABORATORY

IV EEE



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DEPARTMENT OF MECHATRONICS ENGINEERING

Academic year 2020 - 2021

Sensors and Instrumentation Laboratory

III MCT



Robotics Laboratory

IV MCT



Dr. P. MANHARASAN

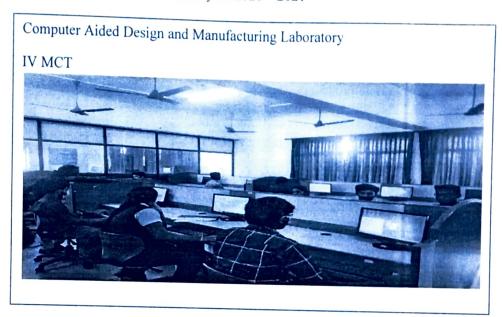




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Academic year 2020 – 2021



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DEPARTMENT OF MECHANICAL ENGINEERING

Academic year 2020 – 2021

Dr. P. MANHARASAN

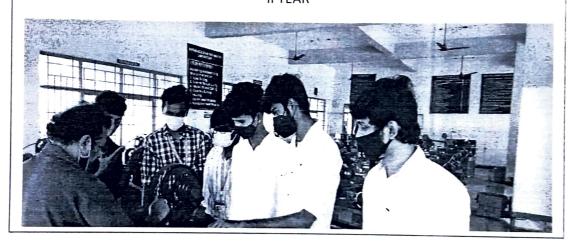
LABORATORY SESSIONS

Nehru Institute of Engineering and Technology Nehru Gardens, Thirumalayampalayam, Colmbatore - 641 105.

MANUFACTURING TECHNOLOGY LAB-I,

MECHANICAL ENGINEERING,

II YEAR



MECHATRONICS LAB,

MECHANICAL ENGINEERING,

IV YEAR





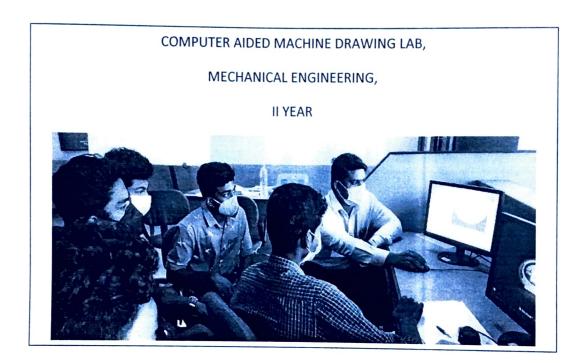
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Academic year 2020 – 2021

LABORATORY SESSIONS



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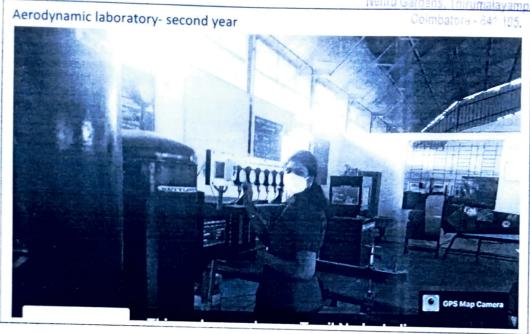
DEPARTMENT OF AERONAUTICAL ENGINEERING

Academic year 2020 – 2021

LABORATORY SESSIONS

Dr. P. MANIJARASAN PRINCIPAL

Nenru Institute of Engineering and Technology Nehru Gardens, Thirumalayampalayam,







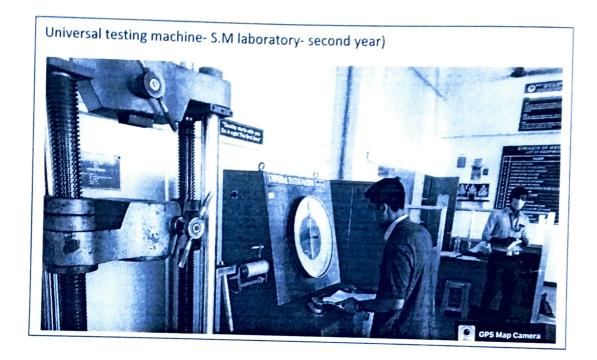
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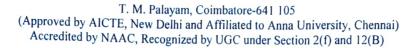
Academic year 2020 – 2021

LABORATORY SESSIONS



Dr. P. MANHARASAN PRINCIPAL







DEPARTMENT OF SCIENCE & HUMANITIES (ENGLISH)

Academic year 2020 - 2021

LABORATORY SESSIONS

Business communication Laboratory-BA4112

Skill Covered: Extempore speech



Dr. P. MANHARASAN PRINCIPAL

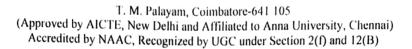
Nehru Institute of Engineering and Technology Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105.

Business communication Laboratory-BA4112

Skill Covered: Speaking skill -Extempore speech









DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

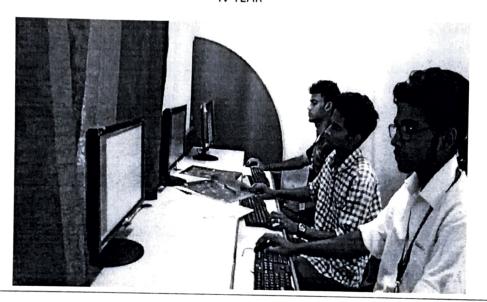
Academic year 2020 - 2021

LABORATORY SESSIONS

SECURITY LAB,

COMPUTER SCIENCE AND ENGINEERING,

IV YEAR



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

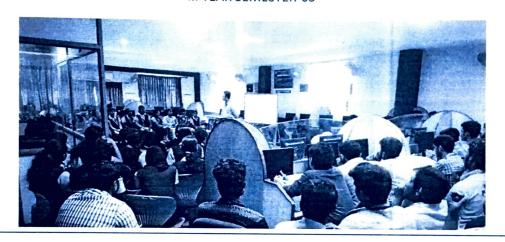
Academic year 2020 – 2021

LABORATORY SESSIONS

OBJECT ORIENETED ANALYSIS LAB,

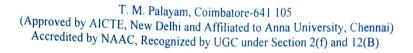
COMPUTER SCIENCE AND ENGINEERING,

III YEAR SEMESTER-05



Dr. P. MANIIARASAN PRINCIPAL



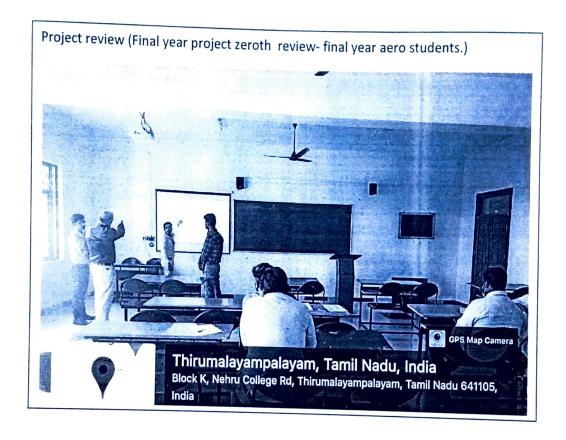




DEPARTMENT OF AERONAUTICAL ENGINEERING

Academic year 2020 – 2021

PROJECT REVIEW



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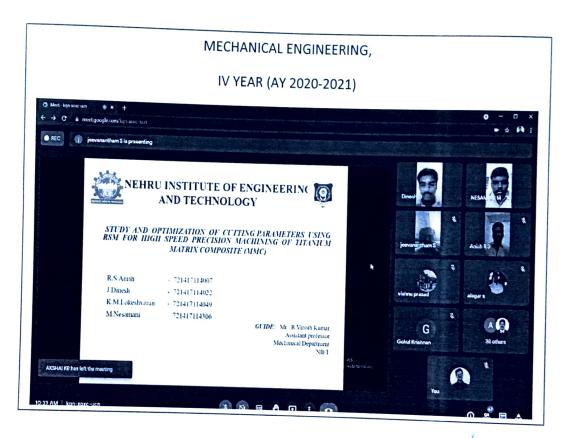
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DEPARTMENT OF MECHANICAL ENGINEERING

Academic year 2020 – 2021

PROJECT REVIEW



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Dr. P. MANIIARASAN PRINCIPAL



T. M. Palayam, Coimbatore-641 105





DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic year 2020 - 2021

PROJECT REVIEW



Dr. P. MANHARASAN PRINCIPAL

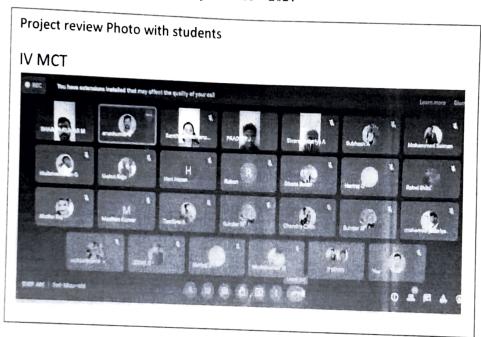


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DEPARTMENT OF MECHATRONICS ENGINEERING

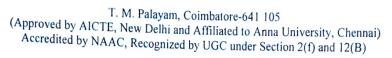
Academic year 2020 - 2021



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DEPARTMENT OF SCIENCE & HUMANITIES (ENGLISH)

Academic year 2020 - 2021

INDUSTRIAL VISIT

Name of the Industry Visited: SUNSHIV company Branch: I EEE & ECE /I year/I Semester. /20-21 Academic

Electronics solutions

245, Chinnasamy Naidu Road

OPP, to Ayyappan Temple

New Siddhapudar, Gandhipuram

Coimbatore-641044



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