

PAAVAI ENGINEERING COLLEGE, NAMAKKAL

(AUTONOMOUS) REPORT FOR ACADEMIC AUDIT

Academic Year: 2021-2022 –ODD SEMESTER

Date: 12.03.2022

Submitted to principal:

The report of academic audit for the academic year 2021-22 ODD semesters is follows:

Department of Aeronautical Engineering

1. Maintain real world examples for in class notes
2. Need more practice sessions
3. Need more video lecture sessions

Department of Agriculture Engineering

1. Seminars can be given
2. Problems may be solved
3. Assignments can be added
4. Industrial visit need to be added
5. Question paper is missing

Department of Biomedical Engineering

1. More Problems can be solved
2. Provide more video lectures
3. More problems can be solved during tutorial periods

Department of Chemical Engineering

1. Improve innovative practices for lab courses
2. Power point presentations in course file to be included for Drugs and Pharmaceutical Technology
3. More problems to be solved for Chemical Process calculations.

Department of Computer Science and Engineering

1. More problems to be solved
2. More tutorial classes needed.
3. Additional Practical problems has to be given for Lab session
4. Case study has to be given.
5. More seminars can be given.

Department of Cyber Security

1. More problems to be solved

Department of Electrical and Electronics Engineering

1. Problems should be solved
2. More programs should be given as example
3. Need to give more tutorial classes
4. Problems related to machines should be solved

Department of Electronics and Communication Engineering

1. Improve innovative practices
2. More problems to be solved
3. Technical sessions for placement to be conducted
4. Additional programs to be given in practical sessions

Department of Food Technology

1. Include contents beyond syllabus for Thermodynamics and its applications in food industries.
2. Include innovative teaching practices for Post harvesting and food spoilage course.
3. Power point sample can be added in course file of food safety and quality.

Department of Information Technology

1. Staff should follow various teaching methods and different teaching aids.
2. Students Assignments should be given beyond the syllabus.
3. Remedial coaching will be given.
4. Staff should register NPTEL course.
5. Additional programs must be added for the various LAB.
6. Students must attend at least one Conference/Workshop.

Department of Mechanical Engineering

1. More Assignments to be given.
2. Prototype models needs to be used.
3. Tutorials need to be given.
4. More problems need to be solved.

Department of Mechatronics

1. Power point presentation to be given
2. Coaching classes to be conducted
3. More number of problems to be solved

Department of Medical Electronics

1. More Problems can be solved
2. Improve Innovative practices
3. Provide More video lectures

Department of Pharmaceutical Technology

1. For Transform and boundary value problem of III semester handled by Ms.N.Deepa, AP/Maths, more problems to solved
2. Video lectures may be provided for III year, V semester Chemical Process Plant Safety course.
3. Power point presentation may be provided for Process Economics and Management course.

Master of Business Administration

1. Improve innovative Practices
2. Study materials to be given
3. More Problems to be solved
4. Remedies for slow learners concentration needed
5. Additional Programs to be given in lab Sessions

Master of Computer Applications

1. Webinars can be given
2. Improve innovative practices

**External auditor**

Dr.A.Ranjith Kumar,

Associate Professor, Sona College of Technology

PAAVAI ENGINEERING COLLEGE, NAMAKKAL

(AUTONOMOUS)

REPORT FOR ACADEMIC AUDIT

Academic year – 2021 -2022 – Even Semester

Date: 07.08.2022

Submitted to the Principal:

The report of the academic year 2021-22 for even semester is as follows:

DEPARTMENT OF AERONAUTICAL ENGINEERING

1. Need more video lecture sessions
2. More question bank to be provided
3. Need more tutorial classes

DEPARTMENT OF AGRICULTURAL ENGINEERING

1. Hydrology and Ground Water Engineering
2. Design of farm machinery and equipment's
3. Soil and water conservation engineering
4. Sustainable agriculture and Food security

DEPARTMENT OF BIOMEDICAL ENGINEERING

1. Need Assignments to understand basic concepts
2. Provide more video Lectures
3. Improve Innovative Practices

DEPARTMENT OF CHEMICAL ENGINEERING

1. More problems to be solved for Numerical methods
2. Study material to be provided for Chemical Process plant safety

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

1. Improve innovative practices
2. More problems to be solved
3. Seminars can be given
4. Additional programs to be given in lab sessions
5. Case study has to be given

DEPARTMENT OF CIVIL ENGINEERING

1. Seminars can be given
2. Assignments can be given
3. More problems to be solved
4. Motivate faculties to concentrate on projects
5. Laboratory modernization / new lab established shall be needed.
6. IPRs and Patents to be published

DEPARTMENT OF INFORMATION TECHNOLOGY

1. Encourage Students to take seminar topics beyond the syllabus.
2. Study Materials to be given.
3. Staffs should register the NPTEL courses.
4. Follow Innovative teaching methodologies.
5. Additional programs should be given for the lab.
6. More MoU activity needed.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1. Solve more problems
2. Improve innovative practices
3. Give more assignment
4. Add seminar topics content

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. More video classes to be arranged
2. More problems to be solved
3. Guest lecture to be arranged for industry needs

DEPARTMENT OF FOOD TECHNOLOGY

1. More problems to be solved for Heat and Mass transfer in Food Process.
2. Video lectures may be provided for Technology of food preservation.

DEPARTMENT OF MECHATRONICS

1. Extra care given to slow learners
2. More number of case studies should be concentrated.

3. Industrial projects should be entertained.
4. More number of funded projects to be submitted.

DEPARTMENT OF MECHANICAL ENGINEERING

1. More assignments to be given
2. Tutorials need to be given
3. Seminars need to be given
4. More problems need to be solved

DEPARTMENT OF MEDICAL ELECTRONICS

1. Need to solve more Problems
2. Provide more video Lectures
3. Improve Innovative Practices

DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY

1. More problems to be solved for unit operations in pharma industries
2. Study material to be provided for cosmetic technology
3. More problems to be solved for downstream processing of VIII semester.
4. Department needs to focus on consultancy projects

DEPARTMENT OF MANAGEMENT STUDIES

1. Improve Innovative practices
2. Study Materials to be given
3. More Problems to be solved
4. Remedies for slow learners concentration needed

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

1. Seminar can be given
2. Improve innovative practices



External Auditor

Dr.T.Jesudas
Professor& Head – Mechatronics
Mahendra Engineering College