

PAAVAI ENGINEERING COLLEGE, NAMAKKAL
(AUTONOMOUS)
REPORT FOR ACADEMIC AUDIT

Academic Year: 2020-2021 – EVEN SEMESTER

Date: 28.09.2020

Submitted to principal:

The report of academic audit for the academic year 2020-21 even semester is follows:

DEPARTMENT OF AERONAUTICAL ENGINEERING

1. Provide more video lectures
2. More problems to be solved
3. More practical videos can be showed.

DEPARTMENT OF AGRICULTURAL ENGINEERING

1. Insist faculty members to take classes beyond the syllabus
2. Study materials can be given
3. Industrial visit need to be arranged
4. Provide more video lectures

DEPARTMENT OF BIOMEDICAL ENGINEERING

1. Make models of human organs for better understanding.
2. Need assignments to understand basic circuits.

DEPARTMENT OF CHEMICAL ENGINEERING

1. Power point presentation may be included for Process Plant Utilities course
2. Department has to apply for funding proposals
3. The department faculty has to publish papers in reputed journals
4. Department needs to focus on consultancy projects

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

1. More problems to be solved
2. Seminars can be given
3. Study material soft copy to be given for unit-III
4. NPTEL Video links to be given
5. Motivated to Publish Patents

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. Seminars should be given.
2. Remedial coaching should be given.
3. Additional programs should be given for the lab.
4. Laboratory up gradation needed.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1. Need more tutorial hours
2. Lack of innovative practice
3. Real time application should be thought in class

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. Guest Lecture to be organized for industry needs.
2. More problems to be solved.
3. Group discussion for placement to be conducted.
4. Extra video classes to be arranged.

DEPARTMENT OF FOOD TECHNOLOGY

1. Power point presentation may be included for Technology of Snacks and Extruded Foods.
2. Department has to apply for IPR and patent.
3. The department has to train the students in getting placement.
4. Department needs to focus on consultancy projects.

DEPARTMENT OF MECHATRONICS

1. Innovative practices has to improve
2. Previous year university questions to be given
3. Seminars can be given

DEPARTMENT OF MECHANICAL ENGINEERING

1. Content beyond syllabus required for specific applications.
2. More problems need to be solved.
3. Innovative and current research needs to be discussed.
4. Provide case studies.
5. Prototype models needs to be used.

DEPARTMENT MEDICAL ELECTRONICS

1. Provide more Video lectures on innovative practices
2. More problems can be solved during tutorial periods

DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY

1. More problems to be solved for Chemical Reaction Engineering of VI semester.
2. Department has to apply for IPR and patent.
3. Department needs to focus on consultancy projects.
4. The department has to train the students in getting placement.

DEPARTMENT OF SCIENCE AND HUMANITIES

1. Improve innovative practices
2. Audio and video aids were suggested for improving spoken and written skills.
3. More problems to be solved for analytical subjects.
4. Innovative topics in Assignments relevant to recent developments in that field.
5. To register for online certificate courses to acquire knowledge in that field.
6. Demo models & animated videos to be followed.

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

1. Problems solved during the coaching sessions
2. Advised the faculty to give more seminar topics
3. Advised the faculty to incorporate more innovative teaching practices

DEPARTMENT OF MASTER IN BUSINESS MANAGEMENT

1. More number of journals to be published
2. Number of Alumni participants to be increased
3. Seminars can be given
4. Improve innovative practices



External Auditor

Dr.K.R.Kavitha,
Professor/ECE
Sona College of Technology.

PAAVAI ENGINEERING COLLEGE, NAMAKKAL
(AUTONOMOUS)
REPORT FOR ACADEMIC AUDIT

Academic Year: 2020-2021 – ODD SEMESTER

Date: 17.03.2021

Submitted to principal:

The report of academic audit for the academic year 2020-21 odd semester is follows:

DEPARTMENT OF AERONAUTICAL ENGINEERING

1. Provide more video lectures
2. More practical videos can be shown
3. More problems need to be solved

DEPARTMENT OF AGRICULTURAL ENGINEERING

1. Seminars can be given
2. Solve past university question papers
3. More problems to be solved
4. Suggest assignment topics to be innovative

DEPARTMENT OF BIOMEDICAL ENGINEERING

1. Models of human organs are needed
2. Need assignments for students to understand basics of MPMC.
3. Need Seminars for students to improve the knowledge of instrumentation.

Department of Chemical Engineering

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.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

1. Additional Programs to be given in lab sessions
2. More problems to be solved
3. Seminars can be given
4. Study material soft copy to be given for unit-III

DEPARTMENT OF CIVIL ENGINEERING

1. Advised to provide more PPT's and videos
2. More problems to be solved
3. Seminars can be given
4. Improve innovative practices
5. Assignments can be given

DEPARTMENT OF INFORMATION TECHNOLOGY

1. Case Studies are given to Innovative Practices.
2. Study Materials to be given.
3. Students should attend online workshops.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1. Need more explanation in derivative parts
2. More program should be thought in the class
3. More number of tutorial class needed
4. Problems should be solved in all units

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. More problems to be solved.
2. Webinars to be organized for application oriented concepts.
3. Extra video classes to be arranged.
4. Technical sessions for placement to be conducted.

DEPARTMENT OF FOOD TECHNOLOGY

1. More problems to be solved for Food Process Engineering-I in V semester.
2. Video lectures may be provided for core courses.
3. Webinars can be arranged for students.

DEPARTMENT OF MECHATRONICS

1. Study materials to be given
2. More problems has to be solved
3. Video presentation can be given

DEPARTMENT OF MECHANICAL ENGINEERING

1. Subject related industrial visits need to be arranged.
2. Seminar needs to be given.
3. More Assignments to be given.
4. Tutorials need to be given.
5. Models are used for complex concepts.

DEPARTMENT MEDICAL ELECTRONICS

1. More problems can be solved
2. Need assignments to understand basic electronic circuits.
3. Improve Innovative practices

DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY

1. More problems to be solved for Stoichiometry and Chemical Process Calculations in III semester.
2. Video lectures may be provided for Technology of Solid Dosage Forms.
3. Innovative teaching aids can be used.

DEPARTMENT OF SCIENCE AND HUMANITIES

1. Advanced teaching methods to be followed.
2. Encourage students to improve spoken English.
3. More problems to be solved for analytical subjects.
4. Improve innovative practices
5. To register for online certificate courses to acquire knowledge in that field.
6. Demo models & animated videos to be followed.

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

1. Problems solved during the coaching sessions
2. Advised the faculty to give more seminar topics
3. Advised the faculty to incorporate more innovative teaching practices

DEPARTMENT OF MASTER IN BUSINESS MANAGEMENT

1. Improve innovative practices
2. Study materials to be given
3. Seminars can be given



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