

**PAAVAI ENGINEERING COLLEGE, NAMAKKAL**

**(AUTONOMOUS)**

**REPORT FOR ACADEMIC AUDIT**

**Academic Year: 2017-2018 - EVEN SEMESTER**

Date: 27.06.2018

The audit team is completed the academic audit in all departments. On the whole, all the departments have maintained documents as per the requirements. The report of the academic audit is as follows.

**DEPARTMENT OF AERONAUTICAL ENGINEERING**

1. Improve innovative practices
2. Video lectures can be given
3. IPRs and Patents to be published

**DEPARTMENT OF AGRICULTURAL ENGINEERING**

1. Additional software to be given for projects
2. Seminars can be given
3. Cleaning to be made in lab
4. Improve innovative practices
5. Students answer script was missing in course file

**DEPARTMENT OF CHEMICAL ENGINEERING**

1. Power point presentation may be included for Fluid flow operations course
2. Department has to apply for IPR and patent
3. The department has not signed MoU with industries
4. Department needs to focus on consultancy projects

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

1. Improve innovative practices
2. Study materials to be given
3. NPTEL Video links to be given
4. IPRs and Patents to be published

**DEPARTMENT OF CIVIL ENGINEERING**

1. Improve innovative practices
2. More problems to be solved
3. Study materials to be given
4. Seminars can be given
5. More number of journals to be published
6. IPRs and Patents to be published
7. Improve the number of funded projects
8. Laboratory up gradation may be needed
9. Laboratory modernization / New lab established shall be needed.

#### **DEPARTMENT OF INFORMATION TECHNOLOGY**

1. Study materials to be given
2. Seminars can be given
3. Improve the numbers of FDPs attended by faculty
4. Industry collaborations shall be improved

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

1. Need industrial visit
2. More innovative teaching practices required
3. Give more real time applications
4. Give case study material
5. Improve innovative practices
6. IPRs and Patents to be published

#### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

1. More number of journals to be published
2. Seminars can be given
3. Improve innovative practices
4. Number of Alumni participants to be increased
5. Improve Test Performance
6. Additional programs to be given in lab sessions
7. Improve the numbers of FDPs attended by faculty

#### **DEPARTMENT OF MECHATRONICS ENGINEERING**

1. More problems to be solved
2. Seminars on beyond the syllabus can be given
3. Industry collaborations shall be improved
4. Improve the numbers of Funded Projects submission by faculty
5. IPRs and Patents to be published
6. More number of consultancy projects to be done

#### **DEPARTMENT OF MECHANICAL ENGINEERING**


1. More problems to be solved
2. Provide case studies
3. Industrial Visits to be arranged
4. More assignments to be given
5. Project topics to be innovative and current topics
6. Models to be used for complex concepts
7. Seminar can be given

#### **DEPARTMENT OF SCIENCE AND HUMANITIES**

1. Follow advanced teaching practices like PPT, NPTEL videos.
2. Study materials for reading and writing skills.
3. More problems to be solved for analytical subjects.
4. Assignment topics to be given from innovative topics.
5. Encourage students to improve spoken English.

## DEPARTMENT OF MASTER IN BUSINESS MANAGEMENT

1. Improve innovative practices
2. Study materials to be given
3. More problems to be solved
4. Assignments missing in course file
5. Seminars can be given
6. Additional programs to be given in lab sessions



External auditor

Dr. K.R. Kavitha,

Professor/ECE,

Sona College of Technology

**PAAVAI ENGINEERING COLLEGE, NAMAKKAL**

**(AUTONOMOUS)**

**REPORT FOR ACADEMIC AUDIT**

**Academic Year: 2017-2018 - ODD SEMESTER**

Date: 13.12.2017

The audit team is completed the academic audit in all departments. On the whole, all the departments have maintained documents as per the requirements. The report of the academic audit is as follows.

**DEPARTMENT OF AERONAUTICAL ENGINEERING**

1. Video lectures can be given
2. More problems to be solved

**DEPARTMENT OF AGRICULTURAL ENGINEERING**

1. Arrange the land for cultivation
2. Study materials to be given
3. Repair and service the equipments
4. CIA Question papers missing in course file
5. Improve the numbers of seminars and conference attended by faculty
6. Assignments missing in course file

**DEPARTMENT OF CHEMICAL ENGINEERING**

1. For Transform and boundary value problem of III semester handled by Mrs.Sharmila, AP/Maths, syllabus completed was 98%.
2. Video lectures may be provided for II year III semester Mechanical operations course.
3. For numerical methods of V semester handled by Mr.Ramesh, AP/Maths, 96% of syllabus was completed.
4. Power point presentation may be provided for Instrumental method of Analysis course.

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

1. Assignments missing in course file
2. Seminars can be given
3. Additional programs to be given in lab sessions

**DEPARTMENT OF CIVIL ENGINEERING**

1. Improve innovative practices
2. Case Studies can be given
3. Study materials to be given
4. Seminars can be given
5. More problems to be solved



#### **DEPARTMENT OF INFORMATION TECHNOLOGY**

1. Improve innovative practices
2. Seminars can be given
3. Additional programs to be given in lab sessions

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

1. Include more problems in courses file
2. Give more case study for theoretical subjects
3. Lack of innovative topics
4. Need industrial visit
5. Required mock presentation
6. Minimum models only analyzed

#### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

1. Additional Experiments to be given in lab sessions
2. Improve innovative practices
3. Video presentation can be increased
4. More problems to be solved
5. Seminars can be given
6. More assignments can be given

#### **DEPARTMENT OF MECHATRONICS ENGINEERING**

1. Additional programs to be given in lab sessions
2. Video demo can be given
3. Seminars can be given

#### **DEPARTMENT OF MECHANICAL ENGINEERING**

1. More problems to be solved
2. Provide case studies
3. Industrial Visits to be arranged
4. More assignments to be given
5. Models to be used for complex concepts
6. Seminar can be given

#### **DEPARTMENT OF SCIENCE AND HUMANITIES**

1. Follow advanced teaching practices like animated videos for relevant topic.
2. Study materials for speaking exercise.
3. Model problems to be solved for analytical subjects.
4. Topics in the recent development of science & Tech to be given as assignment.
5. Seminars and Quiz to be practiced.
6. Additional programs & experiments to be given for lab sessions.
7. Demo models & animated videos to be followed.

#### **DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**

1. More problems to be solved
2. Improve innovative practices
3. Seminars can be given

6. Additional programs and experiments to be given in lab sessions.
7. To attend and present paper in international conferences.
8. Demo models & animated videos to be given.

#### **DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**

1. Additional programs to be given in lab sessions
2. Seminars can be given
3. Improve innovative practices
4. IPRs and Patents to be published
5. More number of journals to be published
6. Need Industry Visit

#### **DEPARTMENT OF MASTER IN BUSINESS MANAGEMENT**

1. Improve innovative practices
2. Study materials to be given
3. More problems to be solved
4. Assignments missing in course file
5. Seminars can be given
6. Additional programs to be given in lab sessions
7. More number of journals to be published
8. Number of Alumni participants to be increased
9. Improve the numbers of FDPs attended by faculty
10. IPRs and Patents to be published
11. Industry collaborations shall be improved



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