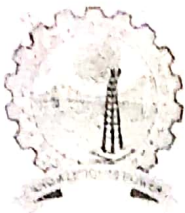


The background of the page is a collage of various textures and colors. At the top, there is a grid pattern with small colored squares (blue, red, green, yellow) interspersed. Below this, there are horizontal bands of different colors: green, red, yellow, and purple. In the lower-left corner, there is a white vase containing several roses, including a large orange one and a smaller yellow one. The overall design is intricate and artistic.

PROGRAMME ASSESSMENT COMMITTEE
[PAC]

DEPARTMENT OF MECHANICAL ENGINEERING
R.V.R. & J.C. COLLEGE OF ENGINEERING [Autonomous]
Chandramoulipuram :: Chowdavaram :: GUNTUR-19



Dt: 22.07.2013

C I R C U L A R

A meeting of the Programme Assessment Committee will be held on 26.07.2013 (Friday) at 12.00 Noon in HOD's Chambers. The agenda of the meeting is:-

AGENDA:

1. To draft and finalize the Vision and Mission statements of the department.
2. To review PEOs, POs & PSOs of the department.
3. To discuss about the POs & PSOs attainment process to be implemented in assessing the Course Outcomes.
4. Any other item with the permission of chair.

All the members are requested to make it convenient to attend the meeting without fail, by adjusting the class work, if any.

[Dr.K.Ravindra]
Prof., & HOD. M.E
Chair-Person, PAC

To be circulated among:

1. Dr.K.Srinivas, Professor, M.E- Convener ✓
2. Dr.D.V.V.K.Prasad, Professor, M.E - Module Coordinator ✓
3. Dr.V.Chittaranjan Das, Professor, M.E - Module Coordinator ✓
4. Dr.G.Srinivasa Rao, Professor, M.E - Module Coordinator ✓
5. Dr.N.V.V.S.Sudheer, Assoc.Professor, M.E - Module Coordinator ✓
6. Dr.B.Ramgopal Reddy, Assoc.Prof., M.E - Module Coordinator ✓
7. Sri K.Raja Sekhar, HOD, M & H - Member ✓

**MINUTES OF THE MEETING OF THE PROGRAMME ASSESSMENT
COMMITTEE HELD ON 26.07.2013 AT 12.00 NOON IN HOD'S CHAMBER**

MEMBERS PRESENT

1. Dr.K.Ravindra, Chair-Person, PAC, Prof., & HOD, M.E
2. Dr.K.Srinivas, Professor, M.E – Convener
3. Dr.D.V.V.K.Prasad, Professor, M.E – Module Coordinator *mic mac*
4. Dr.V.Chittaranjan Das, Professor, M.E – Module Coordinator
5. Dr.G.Srinivasa Rao, Professor, M.E – Module Coordinator
6. Dr.N.V.V.S.Sudheer, Assoc.Professor, M.E – Module Coordinator
7. Dr.B.Ramgopal Reddy, Assoc.Prof., M.E – Module Coordinator
8. Sri K.Raja Sekhar, HOD, M & II – Member

AGENDA:

1. To draft and finalize the Vision and Mission statements of the department.
2. To review PEOs, POs & PSOs of the department.
3. To discuss about the POs & PSOs attainment process to be implemented in assessing the Course Outcomes.
4. Any other item with the permission of chair.

MINUTES:

1. The Committee Members discussed and drafted the Vision and Mission statements of the department.

Vision of the Department:

"Envisioning to be a 'Centre of Excellence' by synergizing quality education with professional and human values and to instill a broader sense of Social responsibility".

Mission of the Department:

"To provide quality education to the students with the fundamental background necessary for an active successful professional career in Mechanical Engineering in general, to impart knowledge and enlighten students to make them competent, self motivated and expanding their knowledge skills through continuous education, and to inculcate human values and concern for environment and the society."

2. The Committee Members revised and drafted the PEOs, POs & PSOs of the Mechanical Engineering programme.

PEOs: After graduation, the Mechanical Engineering student able to:

- PEO I: Contribute directly to professional careers with strong framework to apply principles of Mathematics, Basic Sciences and Engineering.
- PEO II: Empower people to better understand, and engage in real time, engineering problems to design, build, analyze and realize the physical systems and components or processes using professional knowledge and skills resulting in significant societal benefit.

PEO III: Strive to achieve potential and expand their capabilities through harnessing multidisciplinary skills and to analyze engineering issues in a broader perspective with ethical responsibility towards sustainable development.

PEO IV: Enhance knowledge and skills in the areas of interpersonal activities, leadership and team building to achieve organization goals and pursue lifelong learning and higher education necessary to extend the reach and amplify the voice of successful profession.

POs: After completion of Graduation, the Engineering Graduates will be able to:

PO 1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2: Problem analysis: Identify formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4: Conduct Investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including predication and modeling to complex engineering activities with an understanding of the limitations.

PO 6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO 11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO 12: **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological changes.

PSOs: After completion of the programme, the Graduate possess:

PSO 1: An ability to utilize their knowledge in engineering, basic sciences and mathematics on an applied basis.

PSO 2: An ability to apply learned principles to the analysis, design development and implementation of more advanced mechanical systems or processes.

3. The committee members discussed and decided to prepare the draft copy of the POs, PSOs attainment procedure, which should be followed by each course coordinator in assessing the attainments and entrusted the preparation work to Dr.G.Srinivasa Rao, Professor of the department and to submit the same in the next meeting for further discussion and approval.



(Dr.K.Ravindra)
Prof., & HOD, ME
Chair Person, PAC





DEPARTMENT OF MECHANICAL ENGINEERING
R.V.R. & J.C. COLLEGE OF ENGINEERING

Chandramouliapuram, Chowdavaram, GUNTUR - 522019



Dt: 24.02.2014


CIRCULAR

A meeting of the Programme Assessment Committee will be held on 27.03.2014 (Thursday) at 2.00 P.M in HOD's Chambers. The agenda of the meeting is:-

AGENDA:

1. To review and finalize the draft of POs & PSOs attainment process to be implemented in assessing the Course Outcomes.
2. To discuss & implement the POs & PSOs attainment procedure.
3. To nominate course coordinator(s).
4. Any other item with the permission of the chair.

All the members are requested to attend the meeting without fail, by adjusting the class work, if any.


[Dr. K. Ravindra]
Prof., & HOD, M.E
Chair-Person, PAC

To be circulated among:

1. Dr. K. Srinivas, Professor, M.E – Convener ✓
2. Dr. D. V. V. K. Prasad, Professor, M.E – Module Coordinator ✓
3. Dr. V. Chittaranjan Das, Professor, M.E – Module Coordinator ✓
4. Dr. G. Srinivasa Rao, Professor, M.E – Module Coordinator ✓
5. Dr. N. V. V. S. Sudheer, Assoc. Professor, M.E – Module Coordinator ✓
6. Dr. B. Ramgopal Reddy, Assoc. Prof., M.E – Module Coordinator ✓
7. Dr. K. Raja Sekhar, Prof., & HOD, M & H – Member ✓

Dr.KR / dvb

**MINUTES OF THE MEETING OF THE PROGRAMME ASSESSMENT COMMITTEE HELD
ON 27.03.2014 AT 02.00 P.M IN HOD'S CHAMBER**

MEMBERS PRESENT

1. Dr.K.Ravindra, Chair-Person, PAC
2. Dr.K.Srinivas, Professor, M.E – Convener
3. Dr.D.V.V.K.Prasad, Professor, M.E – Module Coordinator
4. Dr.V.Chittaranjan Das, Professor, M.E – Module Coordinator
5. Dr.G.Srinivasa Rao, Professor, M.E – Module Coordinator
6. Dr.N.V.V.S.Sudheer, Assoc.Professor, M.E – Module Coordinator
7. Dr.B.Ramgopal Reddy, Assoc.Prof., M.E – Module Coordinator
8. Dr.K.Raja Sekhar, Prof., & HOD, M & H – Member

AGENDA:

1. To review and finalize the draft of POs & PSOs attainment process to be implemented in assessing the Course Outcomes.
2. To discuss & implement the POs & PSOs attainment procedure.
3. To nominate course coordinator(s).
4. Any other item with the permission of the chair.

MINUTES:

1. The committee members reviewed and finalized the following attainment process:-

(a) Assessment process for evaluation of Course Outcome:

Assessment process used for the evaluation of course outcomes is carried out through both Internal Examinations and University examinations.

Internal examination and University Examination assessment is carried out during the examination sessions which are carried by using following instruments.

- Theory Examinations
- Laboratory Tests
- Project Evaluation

Internal examination

Internal Theory examinations are conducted twice in a semester using following examinations:

- Assignment Test
- Sessional Test



Six questions are given in advance to the students and assignment test is carried out by giving any two questions. Sessional test consisting of three questions. Internal Laboratory tests carried out once in a semester and performance is evaluated based on the practical results and viva voce. Internal Project evaluation is conducted in 7th and 8th semester. In each of the Semesters, there shall be two Mid Term examinations and two Assignment Tests in every theory subject. The Sessional marks for the midterm examinations shall be awarded giving a weightage of 15 marks out of 18 marks (80% approx) to that midterm examination in which the student scores more marks and the remaining 3 marks (20% approx.) for other midterm examination in which the student scores less marks. Similarly a weightage of 10 marks (80% approx) out of 12 marks earmarked for assignment tests shall be given for the assignment in which the student scores more marks and remaining 2 marks (20% approx) shall be given for the assignment test in which the student scores less marks. Remaining 5 marks out of the 40 marks earmarked for the internal sessional marks are awarded (quiz/online examination) by the concerned teacher in the respective theory subjects. 5 marks are allotted for attendance in the respective theory subjects in a graded manner.

Internal assessment of Laboratory subjects:

Evaluation for Laboratory class work consists of a weightage of 25 marks for day to day laboratory work including record work and 15 marks for internal laboratory examination including Viva-voce examination.

Internal assessment of Project work:

In case of Project work, the sessional marks shall be awarded based on the weekly progress, performance in two seminars and project report submitted at the end of the semester. The allotment of sessional marks for seminars and day-to-day class work shall be 30 and 50 respectively.

Assessment of Course outcomes of theory courses:

All the theory courses under the program are grouped under the twelve defined Program Outcomes. The course outcomes of a course should satisfy at least any one or more of the defined program outcomes. Course outcomes or Learning outcomes describe what students are able to demonstrate in terms of knowledge, skills, and values upon completion of a course. The rubrics for Assessment are numerical '3' indicates strong correlation, '2' indicates medium correlation, '1' indicates low correlation and '-' shows no correlation with the respective PO and PSO.

Another mapping table is considered to link the questions in examinations with course outcomes. Evaluation of the question is done and the learning levels of students like knowledge, assess, apply, solve and design are judged in the form of marks. Question wise student performance is tabulated.

Percentage of students who scored more than 60% marks in each question is taken for calculating CO attainment. CO attainment is measured on 3 point scale as follows:

% of CO attainment	>=70%	>=60% & < 70%	>=50% & < 60%	<50%
CO attainment level	3	2	1	0

For external examination, percentage of students who scored more than 'C' grade is considered for evaluation of CO attainment.

Assessment of Course outcomes of Lab courses:

All the Laboratory courses under the program are grouped under the defined Program Outcomes. The course outcomes of a practical course should satisfy at least any one or more of the defined program outcomes. Course outcomes or Learning outcomes describe what students are able to demonstrate in terms of knowledge, skills, and values upon completion of a course. Course outcomes are written the practical courses also as theory courses. Learning level of students is measured with the capabilities exhibited like knowledge, application and design which are judged in the form of marks. Percentage of students who scored more than 80% marks in each criterion that is measured is taken for calculating CO attainment.

Evaluation of course outcomes attainment (Direct assessment):

20% weightage is given to internal assessment and 80% weightage is given to Semester end examination to get the attainment of CO from Direct assessment tool. The attainment level of each student can be studied and it can also be checked if the entire COs are attained or are met with the set performance goal.

The value obtained for CO attainment is multiplied by 1 for strong, 0.8 for medium and 0.6 for low correlation with the PO. Satisfactory attainment of the course outcomes should ensure the attainment the program outcomes and position the graduates to attain the specific outcomes as well.

Assessment Tools used:

1. Direct Assessment Tools

Home Assignment- The students are assigned to solve several problems related to respective courses involving critical problems. The assessment will be done based on their performance.

Assignment Examination and Quiz – Assignments and quiz with multiple choice questions are one of the qualitative performance assessment tools designed to assess student's knowledge of engineering practices and problem solving.

Sessional Examination-This type of performance assessment is carried out during the examination sessions which are held twice in a semester. Each and every sessional is focused in achieving the course outcomes.

Semester End Examination- It is an assessment tool to check for attainment all course outcomes of a particular course.

2. Indirect Assessment Tools

Surveys - Indirect assessment strategies may be easily implemented by embedding them in the end-of-course evaluation form, Alumni Survey and Employer Survey. Questionnaire is circulated the reports are periodically collected as per the scheduled frequency. The surveys are assessed and evaluated to determine the strength of attainment. All the results are documented.

Course End Survey : End of the semester

Exit Survey : End of the program

Alumni Survey : After one year of graduation

Employer Survey : After one year of graduation

Each question in the tests mentioned above are mapped to course outcomes of a corresponding Theory course or Laboratory course or project. Attainment of mapped course outcome is measured in terms of actual percentage of students getting set percentage of marks.

The Internal attainment levels and targets set by the programme as follows
Attainment Level 1: **50%** students scoring more than 60% marks out of the relevant maximum marks.

Attainment Level 2: **55%** students scoring more than 60% marks out of the relevant maximum marks.

Attainment Level 3: **60%** students scoring more than 60% marks out of the relevant maximum marks.

University examinations

University Theory examination and Laboratory tests are conducted at the end of semester for each theory course and Laboratory course. The University Project evaluation is conducted at final semester. The results are analyzed. Course Attainment is measured in terms of actual percentage of students getting set grade.

The attainment levels and targets set by the programme as follows:

Attainment Level 1: **50%** students getting at least C grade in the final examination.

Attainment Level 2: **60%** students getting at least C grade in the final examination.

Attainment Level 3: **70%** students getting at least C grade in the final examination.

The overall CO attainment is calculated as (80% of university attainment level) + (20% of Internal attainment level).

(b) Assessment tools & procedure for measuring the attainment of Program Outcomes

Program outcome are measured by using the following assessment tools

Direct Assessment tools

The performance of the student in the Internal Examinations and University examination for each theory course, laboratory course and project work is evaluated at the micro level to calculate the attainment level of course outcomes, and same is used as the attainment of the corresponding programme outcomes. The attainment levels of the course outcomes are given with weight according to the level of emphasis with the corresponding program outcome and are taken as the attainment levels of the corresponding program outcomes.

Indirect Assessment tools

Indirect assessment is carried out through end course survey. It is proposed that the indirect assessment strategies are implemented by embedding them in the following surveys

- Exit Survey
- Alumni Survey
- Employer Survey

Assessment process used for measuring the attainment of Program outcomes

The overview of the assessment process of Program Outcomes is as follows:

Step 1: Course outcomes are assessed through internal examinations and University Examination as described in 3.2.1. The analysis is interpreted to find the level of attainment of COs as given in Table 3.2.2 and compared with predefined targets.

Step 2: The average of results of CO attainment of all the courses in a semester mapping to a particular PO gives direct attainment of PO and is compared with pre-defined target of PO.

Step 3: For indirect assessments, survey questionnaire is circulated to students, alumni, and employer. The surveys are assessed and evaluated to determine the strength of attainment level of POs.

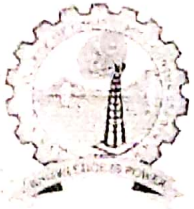
Step 4: Over all PO attainment is calculated as 80% of direct assessment + 20% of indirect assessment.

2. The committee discussed and set the attainment targets of POs & PSOs as 2.0 for the batch admitted in 2010-11, 2.2 for the batch admitted in 2011-12 and 2.4 for the batch admitted in 2012-13.
3. The committee discussed and set the attainment target of POs & PSOs as 2.0 for the batches admitted from 2013-14 onwards by increasing the CO attainments targets from 50%, 60%, 70% to 60%, 70% & 80% respectively.
4. It is discussed and nominated course coordinator(s) for the courses of both the semesters and instructed them to carry out the attainments of POs & PSOs for the courses of the previous academic years.



(Dr.K.Ravindra)
Prof., & HOD, ME
Chair-Person, PAC





DEPARTMENT OF MECHANICAL ENGINEERING
R.V.R. & J.C. COLLEGE OF ENGINEERING

[Autonomous]

Chandramouliapuram, Chowdavaram, GUNTUR - 522019



Dt: 28.07.2014

CIRCULAR

A meeting of the Programme Assessment Committee will be held on 30.07.2014 (Wednesday) at 11.30 A.M in HOD's Chambers. The agenda of the meeting is:-

AGENDA:

1. To review the attainments of POs & PSOs for the courses in previous years.
2. To set attainment targets for the batch admitting during this academic year i.e., 2014-15.
3. To review the academic activities of the department for the academic year 2013-14.
4. Any other item with the permission of the chair.

All the members are requested to attend the meeting without fail, by adjusting the class work, if any.

[Dr.K.Ravindra]
Prof., & HOD, M.E
Chair-Person, PAC

To be circulated among:

1. Dr.K.Srinivas, Professor, M.E – Convener ✓
2. Dr.D.V.V.K.Prasad, Professor, M.E – Module Coordinator ✓
3. Dr.V.Chittaranjan Das, Professor, M.E – Module Coordinator ✓
4. Dr.G.Srinivasa Rao, Professor, M.E – Module Coordinator ✓
5. Dr.N.V.V.S.Sudheer, Assoc.Professor, M.E – Module Coordinator ✓
6. Dr.B.Ramgopal Reddy, Assoc.Prof., M.E – Module Coordinator ✓
7. Dr.K.Raja Sekhar, Prof., & HOD, M & H – Member ✓

Dr.KR / dvb

**MINUTES OF THE MEETING OF THE PROGRAMME ASSESSMENT
COMMITTEE HELD ON 30.07.2014 (WEDNESDAY) AT 11.30 A.M IN HOD'S
CHAMBER**

MEMBERS PRESENT

1. Dr.K.Ravindra, Chair-Person, PAC
2. Dr.K.Srinivas, Professor, M.E – Convener
3. Dr.D.V.V.K.Prasad, Professor, M.E – Module Coordinator
4. Dr.V.Chittaranjan Das, Professor, M.E – Module Coordinator
5. Dr.G.Srinivasa Rao, Professor, M.E – Module Coordinator
6. Dr.N.V.V.S.Sudheer, Assoc.Professor, M.E – Module Coordinator
7. Dr.B.Ramgopal Reddy, Assoc.Prof., M.E – Module Coordinator
8. Dr.K.Raja Sekhar, Prof., & HOD, M & H – Member

AGENDA:

1. To review the attainments of POs & PSOs for the courses in previous years.
2. To set attainment targets for the batch admitting during this academic year i.e., 2014-15.
3. To review the academic activities of the department for the academic year 2013-14.
4. Any other item with the permission of the chair.

MINUTES:

1. The committee reviewed the course outcomes of different courses of the department and also the attainment of program outcomes & programme specific outcomes for the batches admitted in 2010-11, 2011-12, 2012-13 & 2013-14.

The majority of the courses achieved the target attainment level which reflects the effective functioning of the new outcome based system.

Y10 BATCH:

All the courses of the batch admitted in **2010-11 (Y10 batch)** were reviewed. There are some courses, which were not attained the target levels like Engineering Mechanics, Engineering Mathematics, Basic Thermo Dynamics, Applied Thermo Dynamics, Casting Forming and Metal Working Process, Computer Aided Design. It is proposed to apply innovative teaching methodologies by solving more no.of problems in the class and giving Home Assignments.

Y11 BATCH:

All the courses of the batch admitted in **2011-12 (Y11 batch)** were reviewed. There are some courses, which were not attained the target levels like Engineering Chemistry, Computer Programming, Basic Thermo Dynamics, Material Science & Metallurgy, Probability, Statistics And Optimization Techniques, Electrical Technology, Mechanical Measurements & Control Systems. It is proposed to apply innovative teaching methodologies by solving more no.of programmes, problems and use of modern ICT tools for content delivery.


Y12 BATCH:

All the courses of the batch admitted in **2012-13 (Y12 batch)** were reviewed. There are some courses, which were not attained the target levels like Mathematics-I, Engineering Chemistry, Mathematics-II, Mathematics-III, Casting Forming and Metal Working Process, Electrical Technology, Applied Thermo Dynamics. It is proposed to solve more and more problems, giving Home Assignments & repeating the explanations until it reaches the slow learners.

Y13 BATCH:

All the courses of I-I, I-II for the batch admitted in **2013-14 (Y13 batch)** were reviewed and found that all the target levels were achieved.

2. It is decided by the committee to set attainment targets as 2.2 for the batch admitted in 2014-15.
3. The minutes of the Department Academic Audit Committee [DAAC] during the academic year 2013-14 was reviewed and expressed their satisfaction on Second Semester results:-
 - ✓ Guest Lectures organized by the department.
 - ✓ Industrial Visits.
 - ✓ Results
 - ✓ FDP programmes attended by the faculty.
 - ✓ Seminars organized.
 - ✓ Publication of the faculty.
4. The Committee members praised Dr.C.Srinivas & Dr.B.Ravi Sankar for their awarding Ph.D's from Andhra University.


(Dr.K.Ravindra)
Prof., & HOD, ME
Chair-Person, PAC





DEPARTMENT OF MECHANICAL ENGINEERING
R.V.R. & J.C. COLLEGE OF ENGINEERING

[Autonomous]

Chandramouliapuram, Chowdavaram, GUNTUR - 522019



Dt: 02.03.2015

CIRCULAR

A meeting of the Programme Assessment Committee will be held on 06.03.2015 (Friday) at 1.30 P.M in HOD's Chambers. The agenda of the meeting is:-

AGENDA:

1. To review the attainments of POs & PSOs for the courses in the 1st Semester of First, Second, Third & Fourth Year(s).
2. To set attainment targets for POs & PSOs for the courses of Y-15 batch admitting students.
3. Any other item with the permission of the chair.

All the members are requested to attend the meeting without fail, by adjusting the class work, if any.

[Dr.K.Ravindra]
Prof., & HOD, M.E
Chair-Person, PAC

To be circulated among:

1. Dr.K.Srinivas, Professor, M.E - Convener ✓
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5. Dr.N.V.V.S.Sudheer, Assoc.Professor, M.E - Module Coordinator ✓
6. Dr.B.Ramgopal Reddy, Assoc.Prof., M.E - Module Coordinator ✓
7. Dr.K.Raja Sekhar, Prof., & HOD, M & H - Member ✓

Dr.KR / dvb

MINUTES OF THE MEETING OF THE PROGRAMME ASSESSMENT COMMITTEE HELD ON
06.03.2015 AT 1.30 P.M IN HOD'S CHAMBER

MEMBERS PRESENT

1. Dr.K.Ravindra, Chair-Person, PAC
2. Dr.K.Srinivas, Professor, M.E - Convener
3. Dr.D.V.V.K.Prasad, Professor, M.E - Module Coordinator
4. Dr.V.Chittaranjan Das, Professor, M.E - Module Coordinator
5. Dr.G.Srinivasa Rao, Professor, M.E - Module Coordinator
6. Dr.N.V.V.S.Sudheer, Assoc.Professor, M.E - Module Coordinator
7. Dr.B.Ramgopal Reddy, Assoc.Prof., M.E - Module Coordinator
8. Dr.K.Raja Sekhar, Prof., & HOD, M & H Member

AGENDA:

1. To review the attainments of POs & PSOs for the courses in the 1st Semester of First, Second, Third & Fourth Year(s).
2. To set attainment targets for POs & PSOs for the courses of Y-15 batch admitting students.
3. Any other item with the permission of the chair.

MINUTES:

2. The committee reviewed the course outcomes of different courses of the department and also the attainment of program outcomes & programme specific outcomes for the batches admitted in 2011-12, 2012-13, 2013-14 & 2014-15 during the academic year 2014-15 (after completion of 1st semester).

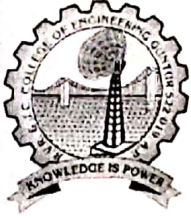
The majority of the courses achieved the target attainment level which reflects the effective functioning of the new outcome based system.

Y11 BATCH:

For the batch admitted in 2011-12 (Y11 batch), IV-I were reviewed. There are some courses, which were not attained the target levels like Automobile Engineering, Automation & Computer Aided Manufacturing. It is proposed to apply innovative teaching methodologies by screening PPT & Video Lectures, to understand and visualize the actual systems.

Y12 BATCH:

For the batch admitted in 2012-13 (Y12 batch) III-I were reviewed. There are some courses, which were not attained the target levels like I.C Engines & Gas Turbines, Design of Machine Elements and Basic Electronics & Microprocessors. By solving more no.of problems and giving more emphasis on fundamental problems and by giving Home Assignments in Design. With regard to IC Engines & Gas Turbines and Basic Electronics & Microprocessors, more emphasis is laid on concepts and problem solving.



DEPARTMENT OF MECHANICAL ENGINEERING
R.V.R. & J.C. COLLEGE OF ENGINEERING
[Autonomous]

Chandramouliupuram, Chowdavaram, GUNTUR - 522019



Dt: 09.07.2015

CIRCULAR

A meeting of the Programme Assessment Committee will be held on 13.07.2015 (Monday) at 11.30 A.M in HOD's Chambers. The agenda of the meeting is:-

AGENDA:

1. To review the attainments of POs & PSOs for the courses in the 2nd Semester of First, Second, Third & Fourth Year(s) of A.Y 2014-15.
2. To review the academic activities of the department during the academic year 2014-15.
3. Any other item with the permission of the chair.

All the members are requested to attend the meeting without fail, by adjusting the class work, if any.

[Dr.K.Ravindra]
Prof., & HOD, M.E
Chair-Person, PAC

To be circulated among:

1. Dr.K.Srinivas, Professor, M.E - Convener ✓
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5. Dr.N.V.V.S.Sudheer, Assoc.Professor, M.E - Module Coordinator ✓
6. Dr.B.Ramgopal Reddy, Assoc.Prof., M.E - Module Coordinator ✓
7. Dr.K.Raja Sekhar, Prof., & HOD, M & H - Member ✓

Dr.KR / dvb

MINUTES OF THE MEETING OF THE PROGRAMME ASSESSMENT COMMITTEE HELD ON
13.07.2015 AT 11.30 A.M IN HOD'S CHAMBER

MEMBERS PRESENT

1. Dr.K.Ravindra, Chair-Person, PAC
2. Dr.K.Srinivas, Professor, M.E - Convener
3. Dr.D.V.V.K.Prasad, Professor, M.E - Module Coordinator *Dr. D. V. V. K. Prasad*
4. Dr.V.Chittaranjan Das, Professor, M.E - Module Coordinator
5. Dr.G.Srinivasa Rao, Professor, M.E - Module Coordinator
6. Dr.N.V.V.S.Sudheer, Assoc.Professor, M.E - Module Coordinator
7. Dr.B.Ramgopal Reddy, Assoc.Prof., M.E - Module Coordinator
8. Dr.K.Raja Sekhar, Prof., & HOD, M & H - Member

AGENDA:

1. To review the attainments of POs & PSOs for the courses in the 2nd Semester of First, Second, Third & Fourth Year(s) of A.Y 2014-15.
2. To review the academic activities of the department during the academic year 2014-15.
3. Any other item with the permission of the chair.

MINUTES:

1. The committee reviewed the course outcomes of different courses of the department and also the attainment of program outcomes & programme specific outcomes for the batches admitted in 2011-12, 2012-13, 2013-14 & 2014-15 during the academic year 2014-15 (after completion of 2nd semester).

The majority of the courses achieved the target attainment level which reflects the effective functioning of the new outcome based system.

Y11 BATCH:

For the batch admitted in 2011-12 (Y11 batch), IV-II were reviewed. There are some courses, which were not attained the target levels like Mechatronics & Mechanical Measurements and Control Systems. It is proposed to apply innovative teaching methodologies by using screening PPT & Video Lectures, to understand and visualize the actual systems.

Y12 BATCH:

For the batch admitted in 2012-13 (Y12 batch) III-II were reviewed. There are some courses, which were not attained the target levels like Modelling Lab & Heat Transfer Lab.

With regard to Modelling Lab, by giving more emphasis on concepts and by giving more exercises, it can be overcome.

With regard to Heat Transfer Lab, by giving more concepts on calculations on observations and interpretation of results.

Y13 BATCH:

For the batch admitted in 2013-14 (Y13 batch) II-II were reviewed. There are some courses, which were not attained the target levels like Computational Techniques, Theory of Machine & Mechanisms, Basic Thermo Dynamics, Fluid Mechanics.

With regard to these Subjects, more no.of problems have to be solved by the concerned teachers and encourage the students to solve difficult problems in Home Assignment Tests.

Y14 BATCH:

For the batch admitted in 2014-15 (Y14 batch) I-II were reviewed and observed that all the courses were attained the targets.

2. The minutes of the Department Academic Audit Committee [DAAC] during the academic year 2014-15 was reviewed and expressed their satisfaction on Second Semester results:-

- Guest Lectures conducted - 2
- Industrial Visits - 3
- FDP Programmes attended - 15
- Seminars organized by the department - 2
- Publications - 17
- Guest Lectures delivered by the faculty - 1
- Conferences attended - 12

3. The committee congratulated Dr.K.Praveen Kumar, Associate Professor has awarded Ph.D on the topic "Fabrication and Characterization of 2024 Aluminium-High Entropy Alloy Composites" from Andhra University, Visakhapatnam.
4. The Committee members congratulated the III/IV B.Tech students, as their project received national wide applause i.e., Go-Kart Championship at Coimbatore on 17th October, 2014.



(Dr.K.Ravindra)
Prof., & HOD, ME
Chair-Person, PAC





DEPARTMENT OF MECHANICAL ENGINEERING
R.V.R. & J.C. COLLEGE OF ENGINEERING
[Autonomous]

Chandramouliapuram, Chowdavaram, GUNTUR - 522019



Dt: 25.07.2016

CIRCULAR

A meeting of the Programme Assessment Committee will be held on 27.07.2016 (Wednesday) at 11.30 A.M in HOD's Chambers. The agenda of the meeting is:-

AGENDA:

1. To review the attainments of POs & PSOs for the courses in the 2nd Semester of I, II, III & IV Year(s) of A.Y 2015-16.
2. To review the academic activities in the academic year 2015-16.
3. Any other item with the permission of the chair.

All the members are requested to attend the meeting without fail, by adjusting the class work, if any.

[Dr.K.Ravindra]
Prof., & HOD, M.E
Chair-Person, PAC

To be circulated among:

1. Dr.K.Srinivas, Professor, M.E – Convener ✓
2. Dr.D.V.V.K.Prasad, Professor, M.E – Module Coordinator ✓
3. Dr.V.Chittaranjan Das, Professor, M.E – Module Coordinator
4. Dr.G.Srinivasa Rao, Professor, M.E – Module Coordinator ✓
5. Dr.N.V.V.S.Sudheer, Assoc.Professor, M.E – Module Coordinator ✓
6. Dr.B.Ramgopal Reddy, Assoc.Prof., M.E – Module Coordinator ✓
7. Dr.K.Raja Sekhar, Prof., & HOD, M & H – Member ✓

Dr.KR / dvb

MINUTES OF THE MEETING OF THE PROGRAMME ASSESSMENT COMMITTEE HELD ON
27.07.2016 AT 11.30 A.M IN HOD'S CHAMBER

MEMBERS PRESENT

1. Dr.K.Ravindra, Chair-Person, PAC
2. Dr.K.Srinivas, Professor, M.E – Convener
3. Dr.D.V.V.K.Prasad, Professor, M.E – Module Coordinator
4. Dr.V.Chittaranjan Das, Professor, M.E – Module Coordinator
5. Dr.G.Srinivasa Rao, Professor, M.E – Module Coordinator
6. Dr.N.V.V.S.Sudheer, Assoc.Professor, M.E – Module Coordinator
7. Dr.B.Ramgopal Reddy, Assoc.Prof., M.E – Module Coordinator
8. Dr.K.Raja Sekhar, Prof., & HOD, M & H – Member

AGENDA:

1. To review the attainments of POs & PSOs for the courses in the 2nd Semester of I, II, III & IV Year(s) of A.Y 2015-16.
2. To review the academic activities in the academic year 2015-16.
3. Any other item with the permission of the chair.

MINUTES:

1. The committee reviewed the course outcomes of different courses of the department and also the attainment of program outcomes & programme specific outcomes for the batches admitted in 2012-13, 2013-14, 2014-15 & 2015-16 during the academic year 2015-16 (after completion of 2nd semester).

The majority of the courses achieved the target attainment level, which reflects the effective functioning of the new outcome based system.

2. The minutes of the Department Academic Audit Committee [DAAC] during the academic year 2015-16 was reviewed and expressed their satisfaction on Second Semester results and noted that:-

- ✓ The Placements are 101 (including M.Tech).
- ✓ The industrial visits are good in number.
- ✓ 2 programmes were organized.
- ✓ Satisfied over the progress of three Research Projects.
- ✓ 24 No.of publications made by the faculty of the department.



(Dr.K.Ravindra)
Prof., & HOD, ME
Chair-Person, PAC