

**K.S.R.M.COLLEGE OF ENGINEERING, KADAPA (AUTONOMOUS)**

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu

Accredited by NACC of UGC

An ISO 14001:2004&9001:2015 Certified Institution

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Stake holder feedback analysis and action taken report on syllabus for the  
A.Y:2014-15**

**Students**

- More number of industrial visits are needed to understand theoretical aspects of core subjects.
- Guest lectures are needed on recent happening in industrial developments related to Mechanical domains from industry experts and academicians.

**Teachers**

- It is advised to give more weightage to the core courses in the next revised regulation.
- Perquisite course information is to be included in the detailed syllabus.

**Employers**

- Industry oriented software tools like AUTO CAD,PRO-E,CATIA,ANSYS etc must include in the curriculum.
- Adopt outcome Based Education system for the present generation.

**Alumni**

- Students need to be trained in the area of robotics by participating in National level competitions and make them to be ready for employability.
- Include simulation related laboratories in the curriculum.

**Parents**

- More placements are expected.
- Ragging free environment is expected in the campus.

**Action Taken Report**

- ✓ It is planned to go SHAR, Nellore and RTPP, Kalamalla Muddanur.
- ✓ It is planned that the comprehensive viva will be placed in the next revised regulation.
- ✓ It is planned to give more strength to the core course than the Projects.
- ✓ It is decided to place prerequisite course information from the next regulation in the detailed Syllabus.
- ✓ Already reviewed and planned for more placements in MNC's.
- ✓ It is decided to place course outcomes in the institute website and students syllabus copy.

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Website: [www.ksrmce.ac.in](http://www.ksrmce.ac.in)

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Stake holder feedback analysis and action taken report on syllabus for the**  
**A.Y:2015-16**

**Students**

- Wi- Fi facility in the campus is expected to improve.
- Students participation in NCC activities are to be initiated

**Teachers**

- It is requested to allot marks for attendance to improve the regularity of students
- Train the students in the areas of modeling, simulation and analysis software tools by conducting workshops.

**Employers**

- Train the students in the area of ANSYS by conducting workshops
- Students need proficiency in C language coding

**Alumni**

- 5 days class work is required for final year students in order to prepare competitive Exams as well as effective implementation of project work

**Parents**

- GATE coaching for students is expected
- Motivation and Career Guidance are required

**Action Taken Report**

- ✓ Planned for the placements in Core sector and software fields.
- ✓ It is decided to provide the Wi-Fi connectivity with 100 mbps in the campus.
- ✓ It is decided to conduct workshops in the areas of modeling, simulation and analysis software Packages like CATIA, ANSYS by training them in the department of CRI (center for research and innovation).
- ✓ Students will be trained in the area of ANSYS and its applications.
- ✓ C language code training is given separately under career guidance training program.
- ✓ 5 days class work is decided for final year students to prepare for the competitive exams.
- ✓ To meet the parent's expectations, GATE coaching classes with senior faculty members are arranged.

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**DEPARTMENT OF MECHANICAL ENGINEERING**

**Stake holder feedback analysis and action taken report on syllabus for the A.Y:2016-17**

**Students**

- More number of Industrial visits are needed to understand theoretical aspects of core Subjects
- Guest lectures are needed on recent topics in Industrial developments related to Mechanical domains from Industry experts and academicians

**Teachers**

- It is advised that the viva must introduce in the laboratory on all days.
- It is advised that to give more weightage to the core courses than that of projects.

**Employers**

- Industry oriented soft tools like AUTO CAD, PROE, CATIA, ANSYS etc must include in the curriculum.
- Adopt outcome Based laboratories in the curriculum.

**Alumni**

- Student need to be trained in the area of robotics by participating in house and outside national level competitions and make them to be ready for employability
- Include simulation related laboratories in the curriculum.

**Parents**

- More placements are expected.
- Ragging free environment is expected in the campus

**Action Taken Report**

- ✓ It is proposed and planned to work out on more Industrial visits and guest lectures.
- ✓ Comprehensive viva will be placed in labs in revised regulation.
- ✓ It is planned that to give more importance to the core courses than Projects in the next revised regulation.
- ✓ It is decided to place prerequisite course information from the next regulation in the detailed syllabus.
- ✓ Reviewed and planned for more placements.
- ✓ We decided to place the robotics course in VI semester itself to expose them in areas of robotics.

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**DEPARTMENT OF MECHANICAL ENGINEERING**

**Stake holder feedback analysis and action taken report on syllabus for the  
A.Y:2017-18**

**Students**

- Arrange GATE Classes in the institute for higher studies.
- Enhance e-resources in the central library
- Improve the self learning facilities
- Improve student activities in the department.

**Teachers**

- To improve the students technical skills, enhancement of contact hours for laboratories is needed
- On line Certification course registrations for students are expected

**Employers**

- Skill development is expected from the student
- Improve soft skills

**Alumni**

- Establish advanced laboratories like robotics and renewable energy
- Improve the core software tools such as CATIA Hypermesh and Unigraphics ... etc

**Parents**

- Provide more skill development for students to enhance the employability skills
- Students counseling is to be conducted regularly and encourage the students
- More Ph,D faculty are required

**Action taken Report**

- ✓ SWAYAM NPTEL, MHRD, GOI Program, DTH Channel for self learning for students is commenced in the department.
- ✓ ICT facilities are provided to the students.
- ✓ Sufficient number of faculty with Ph.D qualification are available.
- ✓ Conducted GATE and GRE classes for the interested students.
- ✓ Implemented advanced laboratories like robotics and renewable energy.
- ✓ Continuous motivation, monitoring and counseling of students regarding academics, co-curricular and Extracurricular activities being a regular practice by faculty members.
- ✓ On Every Saturday afternoon activities are conducted and up loaded in Google calendar.

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**DEPARTMENT OF MECHANICAL ENGINEERING**

**Stake holder feedback analysis and action taken report on syllabus for the**  
**A.Y:2018-19**

**Students**

- It is requested to see that the seminar may be introduced In the IV sem.
- Include courses in the fields of renewable energy sources in the next regulation.

**Teachers**

- Faculty requested to introduce a basic course on Fundamentals of core programs and also basic exposure in fundamentals through laboratories.
- To improve the students soft skills and better job opportunities, it is recommended that more contact hours would be included for English communication skills in the next revised regulation.
- A course related to economics oriented is necessary for student's industrial working environment.

**Employers**

- It is advised to include more elective courses for student's flexibility.
- A course related to IOT, Artificial intelligence may include for mechanical engineering students.
- A course on Quality management is expected from the curriculum.

**Alumni**

- More elective courses are needed
- Extend the library facility hours
- Introduce online courses like NPTEL to improve the technical content of mechanical stream

**Parents**

- Ethics and human values are needed for the present generation
- Students performance information to parents is expected in regular intervals

**Action Taken Report**

- ✓ It is proposed that the seminar is introduced in IV semester in R 18 regulations.
- ✓ It is decided to include a basic course on Mechanical Engineering theory and Lab in the next regulation.
- ✓ It is proposed that contact hours for English communication skills are improved.
- ✓ A course related on economics like estimation, costing and engineering economics will be introduced in the next regulation.

- ✓ It is planned to extend the library hours and also bus facility till that time.
- ✓ Student performance data will be reviewed regularly and updated the same to the parents through SMS letters, messages and telephonic talk.
- ✓ A course related to IOT, Artificial Intelligence is included for mechanical engineering students under R-18 regulations.

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