

K L E F
DEPARTMENT OF MECHANICAL ENGINEERING
MINUTES OF DEPARTMENT ACADEMIC COMMITTEE (DAC)

The Department Academic Committee (DAC) Meeting was conducted at 10:30 A.M. on 08/11/2019 in the HoD Chamber, with HoD in the chair.

Agenda of the Meeting:

1. To discuss the feedback received from stake holders if any.
2. To discuss and recommend the revisions proposed in L-T-P-S structure / syllabus / experiments / teaching pedagogies for the courses to be offered in 2019-20 even semester, if any.
3. Any other points with the permission of chair.

The following Faculty Members were present:

1. Dr. A. Srinath, Professor, Head of the Dept.
2. Mr. D. V. A. Ramasastry, Associate Professor, Deputy HOD
3. Dr.Y.Kalyan Chakravarthy, Associate Professor, Group Head-Robotics & Mechatronics
4. Dr. T. Anup Kumar, Professor, Group Head-Energy & CFD
5. Dr. G. Diwakar, Professor, Group Head-Design & Manufacturing
6. Dr. S. S. Rao, Professor, PG Coordinator
7. Dr. B. Nageswara Rao, Professor, RPAC Chairman
8. Mr. P. Kasi V Rao, Asst. Professor, Prof. I/C Academics
9. Dr. M. Nageswara Rao, Associate Professor & IV Year Coordinator, Member
10. Mr. G. R. Sanjay Krishna, Associate Professor & II Year Coordinator, Member
11. Mr. K. M. V. Ravi Teja, Assistant Professor & III Year Coordinator, Member

The following Students Members were present:

12. Mr. K. Harish Babu (180073003), II/II M.Tech. (MD), Member
13. Ms. S. Meghana (182072001), II/II M.Tech. (RM), Member
14. Ms. G. Sri Naga Sravya (180071019), II/II M.Tech. (TE), Member
15. Mr. Subham Mohindru (160070392), IV/IV B.Tech., Member
16. Mr. S. Narayana Murthy (160070331), IV/IV B.Tech., Member
17. Mr. K. Jeyavanth (170070097), III/IV B.Tech., Member
18. Mr. B. Mohana Sri Sai Vamsi (170070050), III/IV B.Tech., Member
19. Mr. Nitin Panda (180070046), II/IV B.Tech., Member

The following points were discussed, deliberated:

1. The L-T-P-S structures for 2nd semester courses (of 2019 admitted batch) were revised to get **3 free contact hours**.

List of Courses with modified L-T-P-S in 2 nd Semester									
Sl No	Course Code	Course Title	Type	L	T	P	S	Cr	CH
1	19MT2102	Mathematics for Engineers	BS	2	1	0	0	3	3
2	19ME1201	Mechanics of Solids - I	ES	3	1	0	0	4	4
3	19ME1002	Engineering Graphics for Mechanical Engineers	ES	1	0	2	0	2	3
4	19ME1204	Computational Thinking and Data Sciences	ES	3	0	2	0	4	5

2. The L-T-P-S structures for 4th semester courses (2018 admitted batch) were revised to get **5 free contact hours**.

List of Courses with modified L-T-P-S in 4 th Semester									
SI No	Course Code	Course Title	Type	L	T	P	S	Cr	CH
1	18ME2212	Thermal-Fluids Engineering-II	Prof. Core	2	0	2	0	3	4
2	18ME3115	Design and Manufacturing-II	Prof. Core	2	0	2	0	3	4
3	18ME3117	Product Design & Development (including Skilling course in Manufacturing)	Prof. Core	0	0	0	12	3	12
4		Online Course on Artificial Intelligence	Online					4	

3. One Online course will be offered on “**Artificial Intelligence**” for all 4th semester students (2018 batch) to accommodate the available free contact hours and to earn 4 credits, lost due to reduction in contact hours of other courses.
4. Two courses viz. **Thermal Fluids Engineering-II** and **Robotics & Controls** were also offered as Self Learning courses through **Coursera** for all 4th semester elite students and also non-elite students who are interested to opt for self-learning, with the discretion of BoS chairman.
5. In 4th semester, a **Capstone Project** will be implemented as an outcome from three courses viz. **Machine Design** (18ME3114), **Robotics & Controls** (18ME3116) and **Product Design & Development** (including Skilling in Manufacturing Technologies) (18ME3117).
6. The L-T-P-S structures for 6th Semester courses (2017 admitted batch) were revised as follows.

List of Courses with modified L-T-P-S in 6 th Semester									
S. No	Course Code	Course Title	Type	L	T	P	S	Cr	CH
1	17GN1001	Ecology & Environment (online)	HSS	1	0	0	0	1	1
2	17AC1002	Indian Constitution (online)	HSS-Audit	1	0	0	0	0	1
3	17TS702	Skilling for Engineers-2 (Artificial Intelligence)	Tech.Skill	0	0	0	4	1	4
4	17TS706	Technical Proficiency & Training -2 (Machine Learning)	Tech.Skill	0	0	0	8	2	8

7. Two courses viz. **Artificial Intelligence** and **Machine Learning** were offered as Self Learning courses through **Coursera** for all 6th semester elite students and also non-elite students who are interested to opt for self-learning, with the discretion of BoS chairman.
8. In 6th semester, total no. of hours dedicatedly provided for comprehensive high end placement training are **21 hours** [i.e. Technical Training (12hours) + week off (8hours) + free slot hours (1 hour)]
9. Two elite sections were formed in II year and III year each, the following are the list of course instructors identified for elite sections. The syllabus for the elite sections will be designed by including GATE, Engineering Services Exams topics. The evaluation components (Test-1, Test-2 and Sem End Exam) will include the questions form GATE and IES.

List of Faculty allotted for Elite sections offered in IV & VI semesters			
Semester	Course Title	Course Instructor-1	Course Instructor-2
IV	Thermal-Fluids Engineering-II	Dr.Y.V.Hanumantha Rao	Dr.K.V.Narasimha Rao
IV	Kinematics and Dynamics of Machines	Mr.D.V.A.Ramasasthy	Mr. P. Kasi V Rao
IV	Design and Manufacturing-II	Dr. D. Devika	Dr. Anshuman Kumar
IV	Machine Design	Dr.M.B.S.Sreekar Reddy	Dr.M.B.S.Sreekar Reddy
IV	Robotics and Controls	Dr.A.Srinath	Dr.A.Srinath
IV	Product Design & Development (including Skilling course in Manufacturing)	Dr.S.S.Rao	Mr.P.Ratna prasad
VI	Design and Manufacturing-II	Dr. Sk. Abdul Munaf	Mr.K.V.Durga Rajesh
VI	Elements of Mechanical Design	Mr. Dileep Kotte	Mr. Dileep Kotte
VI	Skilling for Engineers-2 (Artificial Intelligence)	Mr.R.Venkatesh	Mr.R.Venkatesh
VI	Technical Proficiency & Training -2 (Machine Learning)	Dr.D.Kiran Kumar	Mr.P.S.N.Venkat

10. HoD instructed all the Group Heads to convey the proposed revisions in L-T-P-S structures for the courses in 2019-20 even semester to all the course instructors and instruct them to prepare the revised syllabus as per the modified L-T-P-S structure with thorough discussions in SRP phase-1 and put the proposed revisions for the approval of BOS which will be commenced on 18-11-2019.

DAC-Chairman & HOD
Dept. of ME