



K.S.R.M COLLEGE OF ENGINEERING

UGC-Autonomous
Kadapa, AP
www.karmce.ac.in

Dated: 20-09-2021

Lr./KSRMCE/Principal Office /2021-22/

Principal Office Orders

As per the decisions of the Academic Council meeting held on 09-09-2021 the undersigned members are been appointed as the Board of studies for Mechanical Engineering for a period of 2 years.

S.No.	Name	Designation
1.	Dr.D.Ravikanth	Prof&HOD ME,KSRMCE
2	Dr.BSV Prasad Patnaik	Professor,IIT,Chennai
3	Dr.K.Venkatasubbaiah	Prof&HOD,Andhra University,Vishakapatnam
4	Prof.B.Durga prasad	Prof&HOD ,JNTUA
5	Sri K.Sureshkumar	Associate Prof., KSRMCE
6	Sri R.Ramakrishna Reddy	Associate Prof., KSRMCE
7	Dr.V.Satiyamoorthy	Associate Prof., KSRMCE
8	Dr.P.Bhanuprakash	Associate Prof., KSRMCE
9	Dr.Babu Dharmalingam	Assistant Prof., KSRMCE
10	Sri R.Mahesh	Assistant Prof., KSRMCE
11	Er.U.Sreedhar	Alumni,Hyderabad
12	Sri A.Hari Kishore Reddy	Industry Expert

The orders will come in to force for with immediate effect.

Cc to:

The Management for information
The HoD of ME for necessary actions
The Members for Information
The Website Committee for upload

V. S. S. M. W. 15
Principal
PRINCIPAL
K.S.R.M. COLLEGE OF ENGINEERING
KADAPA-516005, (A.P.)



BOARD OF STUDIES MEETING – 2021-22
K.S.R.M COLLEGE OF ENGINEERING
AUTONOMOUS

Minutes of the Meeting

Date 22.09.2021

Time 10.30AM

Dept./SS ME

Day Wednesday

Venue Virtual meeting: <http://meet.google.com/oan-bqhe-pvm>

Convener Dr. D.Ravikanth

MembersPresent:12

MembersAbsent: 00

S.No	Name	Designation	Signature	S.No	Name	Designation
1.	Dr. D.Ravikanth	Prof., & HOD ME, KSRMCE				
2.	Dr. B.Durga Prasad	Prof.,in ME, JNTUA Ananthapuramu				
3.	Dr. B.S.V. Prasad Patnaik	Prof Department of Applied Mechanics, IIT Madras, Chennai.				
4.	Dr. K.Venkata Subbaiah	Prof & HOD, MED, Andhra University, College of Engineering, Vishakapatnam				
5.	Sri K. Suresh Kumar	Asso. Prof. KSRMCE				
6.	Sri R. Rama Krishna Reddy	Asso. Prof. KSRMCE				

7.	Sri Dr. V. Sathiyamoorthy	Asso. Prof. KSRMCE			
8.	Sri Dr. P. Bhanu Prakash	Asso. Prof. KSRMCE			
9.	Sri. Dr. Babu Dharmalingam	Asst. Prof. KSRMCE			
10.	Sri. R. Mahesh	Asst. Prof. KSRMCE			
11	Sri A. Hari Kishore Reddy	Industry Expert			
12	Sri U. Sreedhar	Alumni, Hyderabad			

Dr. D. RaviKanth, welcomed all the members to the meeting and presented the agenda of the meeting.

The resolutions are:

	To do item	Discussion	Resolution	Coordinator / in-charge
1	Approval of VII and VIII Semester syllabus Under R18 Regulations	The Head of the Department has presented the syllabus designed by the faculty of ME after taking the feedback from all stakeholders, Department Review Committee and by comparing with premier institute syllabus	<p>The committee has approved the course structure which includes OEC, PEC, New courses with certain modifications.</p> <ol style="list-style-type: none"> 1. It is Resolved to add Introduction to CNC in CAD/Cam Subject. 2. It is Resolved to add the concepts of total Quality Management in UNIT-1, in the Subject Quality Engineering and Management. 3. It is resolved to add JIT introduction in UNIT 1 for the subject POM. 4. It is Resolved to add Queuing Networks in UNIT -3 for the Subject Quantitative Analysis for Business Operations. <p>The syllabus was modified accordingly.</p>	Dr. D. Ravikanth

2	Discussion and approval of course structure for R20 (III and IV sem) Regulations.	The Head of the Department has presented the Course Structure (R20) designed by the faculty of ME after taking the feedback from all stakeholders, Department Review Committee and by comparing with premier institute syllabus	<p>The committee has approved the course structure which includes OEC, PEC, New courses with certain modifications.</p> <p>A) It is resolved for B.Tech III sem in the subject Fundamentals of Statistics and Dynamics ,Friction is to be added and also Torsion is to be Included.</p> <p>B) It is resolved by taking GATE syllabus into consideration this FS&D is redesigned as per the External board members.</p> <p>C) It is resolved to change the Title of Basic Thermodynamics as Engineering Thermo Dynamics.</p> <p>D) It is resolved to add Stresses in the subject Mechanics of Solids.</p> <p>E) It is advised to change the title as Manufacturing Process instead of Manufacturing Technology in III sem.</p> <p>F) It is resolved to change the title of Manufacturing Technology –II for IVsem as Machine Tools.</p>	Dr. D.Ravikanth
3.	<p>To Suggest Syllabus for Digital Manufacturing which is opted by Mechanical Faculty to AI&ML branch and</p> <p>To suggest good Textbooks for Theory and practical Subjects and Reference Books to Suit the Syllabus</p>	The Head of the Department has presented the syllabus designed by the faculty after taking the feedback from all stakeholders, Department Review Committee and comparing with premier institute syllabus.	<p>As per the suggestions given by the members amendments have been done and taken approval for the above courses</p> <p>1) It is Suggested to add Reference book titled “Mechanical Materials” by POPO</p> <p>2) It is suggested to add Text book Titled “Fluid Mechanics and Applications” by GUPTA and GUPTA, IIT Kanpur.</p> <p>3) It is suggested to add text book named “Engineering Thermo Dynamics” by Vanvillian and B.Babu by removing Rama Krishna.</p>	Sri K. Suresh Kumar

			<p>4) It is suggested to add Text book Namely Mechanics of Solids, Stresses is to be added and also include the text book by author Russel Hibbeller and Timoshenko.</p> <p>5) It is suggested that the Text book titled Applied Thermo Dynamics by Sontag is added.</p> <p>6) It is suggested that instead of Theory and Machines and Mechanisms; Kinematics of Machinery is to be replaced and instead of reference book Shinley is added in the textbook.</p> <p>7) It is suggested that Computer Aided machine Drawing is to be changed as Computer aided Mechanical drawing (if possible).</p> <p>8) It is advised that In applied thermodynamics Lab Cycle-1 experiments is to be changed to cycle-2 and vice versa.</p>	
4	To suggest syllabus under (R18PG) regulations for M.Tech Program Renewable Energy Engineering	The Head of the Department has presented the syllabus designed by the faculty after taking the feedback from all stakeholders, Department Review Committee and comparing with premier institute syllabus	<p>As per the suggestions given by the members amendments have been done.</p> <p>It is advised that to add viscous flow theory, Advanced Flow, Advantages of Heat Transfer, Power Plant Equipment is to be added in Renewable Energy Engineering</p> <p>It is advised that Instead of Lab Audit Course is to be introduced in the form of Certification course in any Industry.</p> <p>It is suggested to specify Nuclear Energy Engineering and it is also suggested that instead of Electrical Vehicle introduce Hybrid Vehicle.</p> <p>It is advised to restructure the curriculum to be like category and without showing cases in different Directions.</p>	Sri. R. Rama Krishna Reddy

5.	To finalize and approve the syllabus for Value Added Courses / Certificate Courses / Skill Courses / Employability / Entrepreneurship	The Head of the Department has presented the syllabus designed by the faculty after taking the feedback from all stakeholders, Department Review Committee and comparing with premier institute syllabus	The committee appreciated the courses and approved the content for offering Courses / Certificate Courses / Skill Courses / Employability / Entrepreneurship to implement in 2021-22.	Dr. Sathiya Moorthy
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The Head of the Department have proposed the Vote of thanks and concluded the meeting.



CONVENOR

Professor & head
Department of Mechanical Engineering
K.S.R.M. College of Engineering
KADAPA - 516 003.