



**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)**  
**CHINNA AMIRAM :: BHIMAVARAM-534204**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

Dt: 14-03-2020

**CIRCULAR**

This is to inform you that the Department of Mechanical Engineering will hold a meeting on 20-03-2020 at 10.00 AM in Room No. M-101 (E-class room) of Mechanical Department. In this connection, all the members of the Board of Studies are requested to attend the same.


**Agenda:**

1. To discuss and finalize course structure and syllabus for 1/2 – M.Tech 2<sup>nd</sup> semester of CAD/CAM program , under R-19 regulations.
2. Any other items for discussion.

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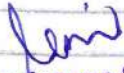
1. The Members of Board of studies
2. Office file



  
Head of the Department  
Professor & Head  
Dept. of Mechanical Engg.  
S.R.K.R. Engineering College  
CHINNA AMIRAM (P.O.)  
BHIMAVARAM-534 204.

## MINUTES OF THE MEETING 25

Seventh Board of Studies meeting was held on 20-03-2020 in M101 (E-class room) of Mechanical Engineering department at 10:00 AM for Finalization of 1/2 M.Tech (R19) II Semester Course Structure & Syllabus for CAD/CAM Program.

  
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## MINUTES OF THE MEETING RESOLUTIONS

- (1) Resolved to offer 2 program Electives (Program Elective - III & Program Elective - IV) with 3 courses in each Elective for  $\frac{1}{2}$  M.Tech CAD/CAM Second Semester program under R19 Regulations.
- (2) Resolved to introduce Mini project with seminar course in  $\frac{1}{2}$  M.Tech CAD/CAM Second Semester program under R19 Regulations.
- (3) Resolved to offer the following courses under Audit Course Category for  $\frac{1}{2}$  M.Tech CAD/CAM Second Semester program under R19 Regulations.
- | S.No. | Course Name.   |
|-------|--|
| 1     | Constitution of India                                      |
| 2     | Pedagogy studies   |
| 3     | personality development through life Enlightenment Skills. |
- (4) Discussed & Finalized the course structure and syllabus for  $\frac{1}{2}$  M.Tech (R19) CAD/CAM second Semester program under JNTUK University autonomous status.
- (5) Discussion on various <sup>curriculum</sup> Feedbacks collected from Stake holders has been done while designing the course structure and syllabus.

*Amir*  
 Professor & Head  
 Dept. of Mechanical Engg.  
 S.R.K.R. Engineering College  
 CHINA AMIRAM (P.O.)  
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S.NO.	Name of the Member	Designation	Signature
1.	Dr A Gopala Krishna	professor	A. Gk
2.	Dr. B. BRAHMA RAJU	Prof & Head	Br
3.	Dr. V. DURGA PRASAD	Professor	Prasad
4.	CH. Gopala Ratu	Associate professor	G.
5.	C. SRINIVAS	Associate professor	Ch. Sriniva
6.	P. Ramamurthy Ratu	Professor	Pr
7.	G. Chatapathi Ratu	Associate Professor	G.
8.	P.V.R.S. PADMA RAN	Associate Prof	P.V.R.S.
9.	V.K. VISWANADHA RAJU	Associate Professor	V.K.
10.	Prof. N.V. SUBBA RAJU	Professor	N.V.
11.	Dr. S. RAJESH	Assoc. professor	S. Rajesh
			Br
			Professor & Head
			Dept. of Mechanical Engg.
			S.R.K.R. Engineering College
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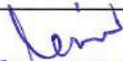
**RESOLUTIONS FOR THE MEETING DATED 20-03-2020**

U) Resolved to offer 2 Program Electives (Program Elective - III & Program Elective - IV) with 3 Courses in Each Elective for 1/2 M.Tech CAD/CAM Second Semester program under R19 Regulations.

Regulation: R19				I / IV - B.Tech. II - Semester					
MECHANICAL ENGINEERING(CAD/CAM)									
(Under Choice Based Credit System / Elective Course System)									
SCHEME OF INSTRUCTION & EXAMINATION									
(With effect from 2019-20 admitted Batch onwards)									
Course Code	Course Name	Category	Cr.	L	T	P	Int. Marks	Ext. Marks	Total Marks
M19CAD 1201	Theory of Elasticity and Plasticity	PC	3	3	0	0	25	75	100
M19CAD 1202	Advanced Manufacturing Processes	PC	3	3	0	0	25	75	100
#PE-III	Program Elective-III	PE	3	3	0	0	25	75	100
#PE-IV	Program Elective-IV	PE	3	3	0	0	25	75	100
M19CAD 1209	Computer Aided Machining Lab	PC	2	0	0	4	25	75	100
M19CAD 1210	Robotics Lab	PC	2	0	0	4	25	75	100
M19CAD 1211	Mini Project With Seminar	MP	2	2	0	4	100	--	100
#AC	Audit Course	AC	0	2	0	0	0	0	0
Total			18	14	18	16	0	12	250

	Course Code	Course
#PE-III	M19CAD 1203	Advanced Finite Element Methods
	M19CAD 1204	Fracture Mechanics
	M19CAD 1205	Product Design and Development
#PE-IV	M19CAD 1206	Materials Characterization Techniques
	M19CAD 1207	Optimization & Reliability
	M19CAD 1208	Additive Manufacturing

	Course Code	Course
#AC	M19AC 0005	Constitution of India
	M19AC 0006	Pedagogy studies
	M19AC 0008	Personality development through life enlightenment skills

  
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**Dept. of Mechanical Engg.**  
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(2) Resolved to introduce Mini project with Seminar course in  $\frac{1}{2}$  M.Tech CAD/CAM Second Semester program under R19 Regulation.

Regulation: R19			I / IV - B.Tech. II - Semester						
MECHANICAL ENGINEERING(CAD/CAM)									
(Under Choice Based Credit System / Elective Course System)									
SCHEME OF INSTRUCTION & EXAMINATION									
(With effect from 2019-20 admitted Batch onwards)									
Course Code	Course Name	Category	Cr.	L	T	P	Int. Marks	Ext. Marks	Total Marks
M19CAD 1201	Theory of Elasticity and Plasticity	PC	3	3	0	0	25	75	100
M19CAD 1202	Advanced Manufacturing Processes	PC	3	3	0	0	25	75	100
#PE-III	Program Elective-III	PE	3	3	0	0	25	75	100
#PE-IV	Program Elective-IV	PE	3	3	0	0	25	75	100
M19CAD 1209	Computer Aided Machining Lab	PC	2	0	0	4	25	75	100
M19CAD 1210	Robotics Lab	PC	2	0	0	4	25	75	100
M19CAD 1211	Mini Project With Seminar	MP	2	2	0	4	100	--	100
#AC	Audit Course	AC	0	2	0	0	0	0	0
Total			18	14	18	16	0	12	250

	Course Code	Course
#PE-III	M19CAD 1203	Advanced Finite Element Methods
	M19CAD 1204	Fracture Mechanics
	M19CAD 1205	Product Design and Development
#PE-IV	M19CAD 1206	Materials Characterization Techniques
	M19CAD 1207	Optimization & Reliability
	M19CAD 1208	Additive Manufacturing

	Course Code	Course
#AC	M19AC 0005	Constitution of India
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	M19AC 0008	Personality development through life enlightenment skills



**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (AUTONOMOUS)**  
(Affiliated to JNTUK, Kakinada),(Recognized by AICTE, NewDelhi) Accredited by NAAC with 'A' Grade  
UG Programmes CE, CSE, ECE, EEE, IT & ME are Accredited by NBA  
ChinnaAmiram, Bhimavaram-534204. (AP)

#### SYLLABUS: MINI PROJECT WITH SEMINAR (M19CAD1211)

##### MINI PROJECT WITH SEMINAR

For Mini Project with Seminar, a student under the supervision of a faculty member, shall collect the literature on a topic and critically review the literature and submit it to the department in a report form and shall make an oral presentation before the Project Review Committee consisting of Head of the Department, supervisor/mentor and two other senior faculty members of the department. For Mini Project with Seminar, there will be only internal evaluation of 100 marks. A candidate has to secure a minimum of 50% of marks to be declared successful.

Prof. *[Signature]* & Head  
Dept. of Mechanical Engg.  
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(3) Resolved to offer the following Courses under Audit Course Category for 1/2 M.Tech CAD/CAM Second semester programs under R19 Regulations.

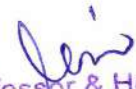
S.No.	Course Name.
1	Constitution of India
2	Pedagogy studies
3	personality development through life Enlightenment Skills.

	Course Code	Course
#AC	M19AC 0005	Constitution of India
	M19AC 0006	Pedagogy studies
	M19AC 0008	Personality development through life enlightenment skills

(4) Discussed & Finalized the Course structure and Syllabus for 1/2 M.Tech (R19) CAD/CAM second Semester programs under JNTUK University autonomous status.

Regulation: R19		I/II - M.Tech. I - Semester							
MECHANICAL ENGINEERING (CAD/CAM) (Under Choice Based Credit System / Elective Course System)									
SCHEME OF INSTRUCTION & EXAMINATION (With effect from 2019-20 admitted Batch onwards)									
Course Code	Course Name	Category	Cr.	L	T	P	Int. Marks	Ext. Marks	Total Marks
M19CAD 1101	Geometric Modeling	PC	3	3	0	0	25	75	100
M19CAD 1102	Computer Aided Manufacturing	PC	3	3	0	0	25	75	100
#PE-I	Program Elective-I	PE	3	3	0	0	25	75	100
#PE-II	Program Elective-II	PE	3	3	0	0	25	75	100
M19CAD 1109	Advanced CAD Lab	PC	2	0	0	4	25	75	100
M19CAD 1110	Advanced Manufacturing Lab	PC	2	0	0	4	25	75	100
M19RD1101	Research Methodology and IPR	RD	2	2	0	0	25	75	100
M19AC1109	Writing Skills for Scientific Communication	AC	0	2	0	0	0	0	0
Total			18	16	0	8	175	525	700

Regulation: R19		I/IV - M.Tech. II - Semester								
MECHANICAL ENGINEERING (CAD/CAM) (Under Choice Based Credit System / Elective Course System)										
SCHEME OF INSTRUCTION & EXAMINATION (With effect from 2019-20 admitted Batch onwards)										
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#AC	Audit Course	AC	0	2	0	0	0	0	0	
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