

DEPARTMENT OF MECHANICAL ENGINEERING

COMPOSITION OF BOS BODY


Date : 01/06/2017

The following composition body of Board of studies of Mechanical Engineering Department


S No	Name	Position	Designation
1.	Dr.P.Ravi Kumar	Chairman	Professor & HoD ME, CMRCET
2.	Dr G. Satish Babu	Member	University nominee, Professor of ME, JNTU Hyderabad
3.	Dr AVSSKS Gupta	Member	Controller of Examinations & Professor of ME, JNTU Hyderabad
4.	Dr A.Raji Reddy	Member	Director , CMR Technical Campus
5.	Sri A.Anil Varma	Member	Director, NEOGEN ENGINEERS INDIA PRIVATE LIMITED , Hyderabad
6.	Mr.M.Subhash Chandra	Member	Distinguished Alumni of CMRCET and Director, Sai Surface Technologies, Hyderabad
7.	Dr B.Srinivasa Varma	Member	Professor of ME, CMRCET
8.	Mr.N.Munesh Babu	Member	Associate Professor of ME, CMRCET
9.	Mr.D.Ajay	Member	Associate Professor of ME, CMRCET
10.	Mr. P.Sridhar	Member	Assistant Professor of ME, CMRCET

is formed in view of deliberations on B.Tech course Structure and syllabus. Chairman of the proposed body will take initiative to make it functional.

EXPLORE TO INVENT


Dr.V.A. Narayana
Principal

Copy to : HoD, Mechanical Engineering
Vice Principal
Administrative Officer
Accounts Officer


HEAD
Department of Mechanical Engineering
CMR College of Engg. & Techno
Kandlakoya, Medchal, Hyderabad-501

DEPARTMENT OF MECHANICAL ENGINEERING

BOARD OF STUDIES MEETING

The following members of BOS were present in the meeting of Board of Studies held on 6th July 2017.

S No	POSITION	BOS MEMBERS	SIGNATURE
1.	CHAIRMAN	Dr.P.Ravi Kumar Associate Professor & HoD ME, CMRCET	<i>Prave Kumar</i> 6/7/17
2.	MEMBER	Dr G. Satish Babu University nominee, Professor of ME, JNTU Hyderabad	<i>G. Satish Babu</i> 06/7/2017
3.	MEMBER	Dr AVSSKS Gupta Controller of Examinations & Professor of ME, JNTU Hyderabad	<i>Dr AVSSKS Gupta</i> 6/7/2017
4.	MEMBER	Dr A.RajiReddy Director, CMR Technical Campus	<i>A.RajiReddy</i> 6.7.17
5.	MEMBER	Sri A.Anil Varma Director, NEOGEN ENGINEERS INDIA PRIVATE LIMITED, Hyderabad	<i>A. Anil Varma</i>
6.	MEMBER	Mr.M.Subhash Chandra Distinguished Alumni of CMRCET and Director, Sai Surface Technologies, Hyderabad	<i>Subhash</i>
7.	MEMBER	Dr B.Srinivasa Varma Professor of ME, CMRCET	<i>B.Srinivasa Varma</i>
8.	MEMBER	Mr.N.Munesh Babu Associate Professor of ME, CMRCET	<i>N.Munesh Babu</i>
9.	MEMBER	Mr.D.Ajay Associate Professor of ME, CMRCET	<i>Dasan</i>
10.	MEMBER	Mr. P.Sridhar Assistant Professor of ME, CMRCET	<i>P.Sridhar</i>

EXPLORE TO INVENT

Date: 06.07.2017

Hyderabad

Prave Kumar
(Dr.P.Ravi Kumar)

Associate Professor & Head, ME

HEAD

Department of Mechanical Engineering
CMR College of Engg. & Technology
Kandlakoya, Medchal, Hyderabad - 501401.

**MINUTES OF MEETING OF BOARD OF STUDIES OF MECHANICAL ENGINEERING
(ME) DEPARTMENT CONDUCTED ON 6th July 2017 AT 11.00 AM**

1. The Board of Studies of ME Department held its meeting on 6TH July 2017 and the following members were present:

S No	Name	Position	Designation
1.	Dr.P.Ravi Kumar	Chairman	Associate Professor & HoD ME, CMRCET
2.	Dr G. Satish Babu	Member	University nominee, Professor of ME, JNTU Hyderabad
3.	Dr AVSSKS Gupta	Member	Controller of Examinations & Professor of ME, JNTU Hyderabad
4.	Dr A.Raji Reddy	Member	Director , CMR Technical Campus
5.	Sri A.Anil Varma	Member	Director, NEOGEN ENGINEERS INDIA PRIVATE LIMITED , Hyderabad
6.	Mr.M.Subhash Chandra	Member	Distinguished Alumni of CMRCET and Director, Sai Surface Technologies, Hyderabad
7.	Dr B.Srinivasa Varma	Member	Professor of ME, CMRCET
8.	Mr.N.Munesh Babu	Member	Associate Professor of ME, CMRCET
9.	Mr.D.Ajay	Member	Associate Professor of ME, CMRCET
10.	Mr. P.Sridhar	Member	Assistant Professor of ME, CMRCET

2. Chairman welcomed the members for the meeting and proposed Course structure for the academic year 2017-18. He emphasized the need for finalization of curriculum for the UG program in Mechanical Engineering. He presented the curriculum followed by JNTUH and other prestigious institutions. He welcomed suggestions from all the members for finalization of the curriculum.

3. The members of the board had prolonged deliberations upon the issue and finally recommended the curriculum whose outlines are as given below.

**PROPOSED COURSE STRUCTURE REGULATION R-17
B.Tech (Mechanical Engineering)**

I Semester						
Code	Group	Subject Name	L	T	P	C
A3001	HS	English	3	0	0	3
A3007	BS	Engineering Mathematics-I	4	1	0	4
A3012	BS	Engineering Physics-I	3	0	0	3
A3016	BS	Applied Chemistry	4	1	0	4
A3301	ES	Engineering Graphics	2	0	4	4
A3002	HS	English Language Communication Skills Lab	0	0	3	2
A3017	BS	Engineering Chemistry Lab	0	0	3	2
A3014	BS	Engineering Physics lab	0	0	3	2
TOTAL			16	2	13	24

II Semester						
Code	Group	Subject Name	L	T	P	C
A3008	BS	Engineering Mathematics-II	3	1	0	3
A3013	BS	Engineering Physics-II	3	0	0	3
A3009	BS	Engineering Mathematics-III	4	1	0	4
A3306	ES	Engineering Mechanics	4	1	0	4
A3501	ES	Computer Programming	4	1	0	4
A3549	ES	Computer Programming Lab	0	0	3	2
A3307	ES	Engineering Workshop	0	0	3	2
A3551	ES	IT Workshop	0	0	3	2
TOTAL			18	4	9	24

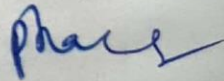
III Semester						
Code	Group	Subject Name	L	T	P	C
A3161	ES	Fluid Mechanics & Hydraulic Machinery	3	1	0	3
A3308	PC	Thermodynamics	4	0	0	4
A3160	ES	Mechanics of Solids	3	1	0	3
A3228	ES	Basics of Electrical & Electronics Engineering	3	1	0	3
A3320	PC	Metallurgy & Material Science	3	0	0	3
A3321	PC	Production Technology	4	0	0	4
A3170	ES	Mechanics of Solids - Fluid Mechanics and Hydraulic Machinery Lab	0	0	3	2
A3249	ES	Basics of Electrical & Electronics Engineering Lab	0	0	3	2
A3004	HS	Soft Skills & Professional Ethics	2	0	0	0
TOTAL			22	3	6	24

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IV Semester						
Code	Group	Subject Name	L	T	P	C
A3011	BS	Probability & Statistics	3	1	0	3
A3018	HS	Environmental Studies	3	0	0	3
A3331	PC	Kinematics of Machinery	4	0	0	4
A3334	PC	Design of Machine Members-I	4	0	0	4
A3309	PC	Applied Thermodynamics-I	4	0	0	4
A3305	PC	Computer Aided Drawing Lab	0	0	3	2
A3322	PC	Metallurgy & Production Technology Lab	0	0	3	2
A3021	HS	Gender Sensitization	0	0	3	2
A3022	HS	Social Services	0	0	2	0
TOTAL			18	1	11	24

V Semester						
Code	Group	Subject Name	L	T	P	C
A3329	PC	Instrumentation & Control Systems	3	0	0	3
A3332	PC	Dynamics of Machinery	3	1	0	3
A3310	PC	Applied Thermodynamics-II	3	1	0	3
A3019	HS	Managerial Economics & Financial Analysis	3	0	0	3
A3324	PC	Machine Tools	3	1	0	3
A3335	PC	Design of Machine Members -II	3	1	0	3
A3318	PC	Thermal Engineering Lab	0	0	3	2
A3333	PC	Theory of Machines Lab	0	0	3	2
A3349	P	Mini Project-I	0	0	0	2
A3005	HS	Analytical Skills-I	2	0	0	0
TOTAL			20	4	6	24

VI Semester						
Code	Group	Subject Name	L	T	P	C
A3328	PC	Engineering Metrology	3	0	0	3
A3313	PC	Heat Transfer	3	1	0	3
Professional Elective-I						
A3311	PE	Automobile Engineering	4	0	0	4
A3342	PE	Mechatronics				
A3323	PE	Non-Destructive Evaluation and Testing				
Professional Elective-II						
A3336	PE	Finite Element Methods	4	0	0	4
A3317	PE	Non Conventional Sources of Energy				
A3341	PE	Tribology				
Professional Elective-III						
A3344	PE	Total Quality Management	4	0	0	4
A3326	PE	Plant Layout & Material Handling				
A3312	PE	Refrigeration & Air Conditioning				
A3325	PC	Machine Tools Lab	0	0		

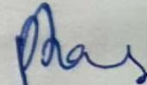

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A3319	PC	Heat Transfer Lab				
A3003	HS	Advanced English Communication Skills Lab	0	0	3	2
A3006	HS	Analytical Skills-II	2	0	0	0
TOTAL			20	1	9	24

VII Semester						
Code	Group	Subject Name	L	T	P	C
A3337	PC	CAD/ CAM	3	1	0	3
A3315	PC	Power Plant Engineering	3	1	0	3
A3343	PC	Operations Research	3	1	0	3
	OE	Open Elective-I	3	0	0	3
Professional Elective-IV						
A3345	PE	Work Study	3	1	0	3
A3314	PE	Jet Propulsion & Rocket Engineering				
A3327	PE	Unconventional Machining Processes				
Professional Elective-V						
A3339	PE	Robotics	3	1	0	3
A3316	PE	Computational Fluid Dynamics				
A3346	PE	Production Planning and control				
A3330	PC	Mechanical Measurements Lab	0	0	3	2
A3338	PC	CAD/CAM Lab	0	0	3	2
A3350	P	Mini Project-II	0	0	0	2
TOTAL			18	5	6	24

VIII Semester						
Code	Group	Subject Name	L	T	P	C
A3020	HS	Management Science	4	0	0	4
	OE	Open Elective-II	3	0	0	3
	OE	Open Elective-III	3	0	0	3
A3347	P	Technical Seminar	0	0	3	2
A3348	P	Comprehensive Viva	0	0	0	2
A3351	P	Main Project	0	0	18	10
TOTAL			10	0	21	24

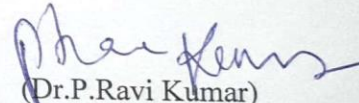
Total Credits: 192

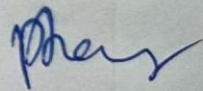

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4. The Board has decided to adapt the course structure and syllabus in respect of Physics, Chemistry, Mathematics, Environmental Studies and English Departments as per the decision of Boards of studies of respective subjects.
5. The board after deliberations recommended following service subjects for other Engineering Programs.

S.No.	Group	Subject	L	T	P	Credits
1	A3301	Engineering Graphics for I Sem civil	2	4	0	4
2	A3302	Engineering Drawing for II Sem EEE	2	4	0	4
3	A3303	Engineering Drawing Practice for I Sem ECE	2	4	0	4
4	A3304	Basics of Engineering Graphics for II Sem CSE	2	4	0	4
5	A3306	Engineering Mechanics for I Sem Civil,	4	1	0	4
6	A3307	Engineering Workshop	0	0	3	2

6. The detailed syllabus of above mentioned subjects is placed as Annexure to these minutes. The board recommended the above curriculum to the concerned Boards of studies and College Academic Council for necessary approval. **But the Board strongly opined that Curriculum Revision is not required for A.Y. 2017-18 and recommended to follow the new AICTE regulations and revise the syllabus for A.Y.2018-19 only. Therefore The curriculum of R 02 is recommended for the batch to be admitted for A.Y. 2017-18 also.**
7. The chairman thanked all the members for sparing their valuable time and for their valuable contribution in framing the curriculum. There being no further points the meeting came to an end at 1.00 pm.


(Dr.P.Ravi Kumar)
HoD, ME



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