

DEPARTMENT OF MECHANICAL ENGINEERING

COMPOSITION OF BOS BODY

Date: 29.12.2016

The following composition body of Board of Studies of Mechanical Engineering Department 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.

S No	Position	Name	Address
1.	CHAIRMAN	S Shyam Kumar	HOD ME, CMRCET, Hyderabad
2.	MEMBER	Dr G. Satish Babu	University nominee, Professor, JNTU Hyderabad
3.	MEMBER	Dr AVSSKS Gupta	Professor of ME, JNTUH
4.	MEMBER	Dr A.RajiReddy	Director , CMR TECHNICAL CAMPUS
5.	MEMBER	Sri A Anil Varma	Director, NEOGEN ENGINEERS INDIA PRIVATE LIMITED
6.	MEMBER	Dr V Chandra Sekhar	Professor, ME, CMRCET, Hyderabad
7.	MEMBER	Dr B Srinivasa Varma	Professor, ME, CMRCET, Hyderabad
8.	MEMBER	P Ravi Kumar	Associate Professor, ME, CMRCET, Hyderabad
9.	MEMBER	N Munesh Babu	Associate Professor, ME, CMRCET, Hyderabad
10.	MEMBER	D Ajay	Associate Professor, ME, CMRCET, Hyderabad
11.	MEMBER	N V R S Rayudu	Associate Professor, ME, CMRCET, Hyderabad
12.	MEMBER	M Subhash Chandra	Distinguished Alumni of CMRCET and director, Sai Surface Technologies

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

29/12/16

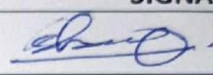
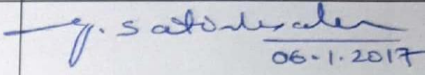
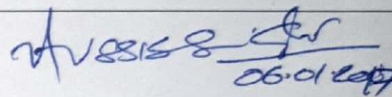
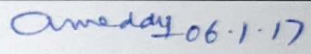
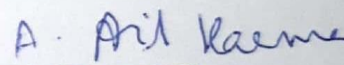
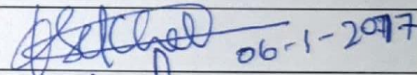
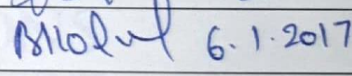
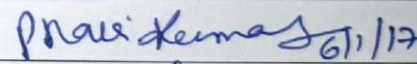

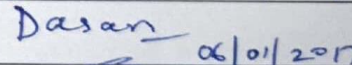
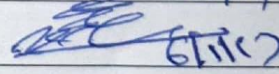
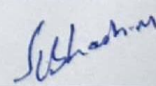
(Dr V.A. Narayana)
PRINCIPAL

Copy to: HOD, Mechanical Engineering,
Vice Principal,
Administrative officer,
Accounts Officer

DEPARTMENT OF MECHANICAL ENGINEERING

BOARD OF STUDIES MEETING

The following members of BOS were present in the meeting of Board of Studies held on January 06, 2017.

S No	POSITION	BOS MEMBERS	SIGNATURE
1.	CHAIRMAN	S Shyam Kumar Professor & HOD ME, CMRCET	
2.	MEMBER	Dr G. Satish Babu University nominee, Professor of ME, JNTU Hyderabad	 06-1-2017
3.	MEMBER	Dr AVSSKS Gupta Controller of Examinations & Professor of ME, JNTU Hyderabad	 06.01.2017
4.	MEMBER	Dr A.RajiReddy Director, CMR TECHNICAL CAMPUS	 06-1-17
5.	MEMBER	Sri A Anil Varma Director, NEOGEN ENGINEERS INDIA PRIVATE LIMITED, Hyderabad	 A. Anil Varma
6.	MEMBER	Dr V Chandra Sekhar Professor of ME, CMRCET	 06-1-2017
7.	MEMBER	Dr B Srinivasa Varma Professor of ME, CMRCET	 6.1.2017
8.	MEMBER	P Ravi Kumar Associate Professor of ME, CMRCET	 06/1/17
9.	MEMBER	N Munesh Babu Associate Professor of ME, CMRCET	 06/1/17
10.	MEMBER	D Ajay Associate Professor of ME, CMRCET	 06/01/2017
11.	MEMBER	N V R S Rayudu Associate Professor of ME, CMRCET	 6/1/17
12.	MEMBER	M Subhash Chandra Distinguished Alumni of CMRCET and Director, Sai Surface Technologies, Hyderabad	

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

(S SHYAM KUMAR)

Professor & Head, ME

Date: 06.01.2017

Hyderabad

**MINUTES OF MEETING OF BOARD OF STUDIES OF MECHANICAL ENGINEERING
(ME) DEPARTMENT CONDUCTED ON 6th Jan 2017 at 10.00 AM**

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

S.NO	NAME	POSITION	DESIGNATION
1.	Mr.S.Shyam Kumar	Chairman	Professor & HOD, ME, CMRCET
2.	Dr.G. Satish Babu	Member	University Nominee, Professor of ME, JNTUH
3.	Dr.AVSSKS Gupta	Member	Controller of Examinations & Professor of ME, JNTUH
4.	Dr.A.Raji Reddy	Member	Director, CMR TECHNICAL CAMPUS
5.	Sri A. Anil Varma	Member	Director, NEOGEN ENGINEERS INDIA PVT.LIMITED, Hyderabad
6.	Mr.M.Subash Chandra	Member	Distinguished alumni of CMRCET & Director, Sai Surface Technologies, Hyderabad.
7.	Dr.V.Chandra Sekhar	Member	Professor of ME, CMRCET
8.	Dr.B.Srinivasa Varma	Member	Professor of ME, CMRCET
9.	Mr.P.Ravi Kumar	Member	Associate Professor of ME, CMRCET
10.	Mr.N Muneesh Babu	Member	Associate Professor of ME, CMRCET
11.	Mr.D.Ajay	Member	Associate Professor of ME, CMRCET
12.	Mr.NVRS Rayudu	Member	Assistant Professor of ME, CMRCET

2. Chairman welcomed the members for the meeting and proposed the course structure for V, VI, VII, VIII Semesters of R 02 regulations from the academic year 2017-18. He emphasized the need for the finalization of the curriculum for the UG program in Mechanical Engineering. He presented the curriculum followed by JNTUH and other

prestigious institutions. He welcomed the suggestions from all the members for finalization of the curriculum.

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

PROPOSED COURSE STRUCTURE REGULATION R-15
B. Tech (Mechanical Engineering)

I semester						
Subject code	Subject - Proposed	Group	L	T	P	C
A2001	English	HS	3	0	0	3
A2007	Engineering Mathematics-I	BS	3	1	0	3
A2012	Engineering Physics-I	BS	3	0	0	3
A2016	Applied Chemistry-I	BS	2	1	0	2
A2301	Engineering Mechanics-I	ES	3	1	0	3
A2302	Engineering Graphics	ES	2	0	4	4
A2002	English Language Communication Skills Lab	HS	0	0	3	2
A2018	Engineering Chemistry Lab	BS	0	0	3	2
A2551	IT Workshop	ES	0	0	3	2
Total			16	3	13	24
II Semester						
Subject code	Subject	Group	L	T	P	C
A2008	Engineering Mathematics-II	BS	3	1	0	3
A2013	Engineering Physics-II	BS	3	0	0	3
A2017	Applied Chemistry-II	BS	2	1	0	2
A2303	Engineering Mechanics-II	ES	3	1	0	3
A2501	Computer Programming	ES	3	1	0	3
A2304	Engineering Graphics & AutoCAD	ES	2	0	4	4
A2014	Engineering Physics Lab	BS	0	0	3	2
A2305	Engineering Workshop	ES	0	0	3	2

A2549	Computer Programming Lab	ES	0	0	3	2
Total			16	4	13	24
III Semester						
Subject Code	Subject	Group	L	T	P	C
A2009	Engineering Mathematics- III	BS	3	1	0	3
A2311	Metallurgy & Material Science	PC	3	0	0	3
A2312	Mechanics of Solids	PC	4	1	0	4
A2313	Thermodynamics	PC	4	0	0	4
A2314	Production Technology	PC	3	0	0	3
A2019	Environmental Science	HS	3	0	0	3
A2315	Metallurgy & Mechanics of Solids Lab	PC	0	0	3	2
A2316	Production Technology Lab	PC	0	0	3	2
Total			20	2	6	24
IV Semester						
Subject Code	Subject	Group	L	T	P	C
A2317	Fluid Mechanics & Hydraulic Machinery	PC	3	1	0	3
A2318	Thermal Engineering-I	PC	4	0	0	4
A2319	Kinematics of Machinery	PC	4	1	0	4
A2011	Probability & Statistics	BS	3	0	0	3
A2254	Basic Electrical & Electronics Engineering	ES	3	1	0	3
A2320	Machine Drawing	PC	0	0	6	3
A2321	Fluid Mechanics & Hydraulic Machinery Lab	PC	0	0	3	2
A2255	Basic Electrical & Electronics Engineering Lab	ES	0	0	3	2
A2004	Soft Skills and Professional Ethics	MC	2	0	0	0
A2023	Gender Sensitisation	HS	0	0	3	2
Total			19	3	15	26

V Semester						
Subject Code	Subject	Group	L	T	P	C
A2322	Dynamics of Machinery	PC	4	0	0	4
A2323	Design of Machine Members-I	PC	4	0	0	4
A2324	Thermal Engineering –II	PC	3	1	0	3
A2021	Managerial Economics & Financial Analysis	HS	3	0	0	3
	Professional Elective-I					
A2344	Quality Assurance and Reliability	PE	3	0	0	3
A2345	Total Quality Management	PE				
A2346	Non-Destructive Evaluation and Testing	PE				
A2325	Engineering Metrology	PC	3	0	0	3
A2326	Thermal Engineering Lab	PC	0	0	3	2
A2327	Theory of Machines Lab	PC	0	0	3	2
A2005	Analytical Skills-I	MC	2	0	0	0
Total			22	1	6	24
VI Semester						
Subject Code	Subject	Group	L	T	P	C
A2328	Design of Machine Members-II	PC	3	1	0	3
A2329	Instrumentation & Control Systems	PC	3	0	0	3
A2340	Finite Element Methods	PC	3	0	0	3
A2331	Machine Tools	PC	3	0	0	3
	Professional Elective-II					
A2347	Plant Layout & Material Handling	PE	3	0	0	3
A2330	Refrigeration & Air Conditioning	PE				

A2349	Unconventional Machining Processes	PE				
	Professional Elective-III					
A2350	Robotics	PE	3	0	0	3
A2351	Tribology	PE				
A2352	Mechanical Vibrations	PE				
A2332	Machine Tools Lab	PC	0	0	3	2
A2333	Mechanical Measurements Lab	PC	0	0	3	2
A2003	Advanced English Communication Skills Lab	HS	0	0	3	2
A2006	Analytical Skills-II	MC	2	0	0	0
Total			20	1	9	24
VII Semester						
Subject Code	Subject	Group	L	T	P	C
A2334	Operations Research	PC	3	0	0	3
A2335	CAD/ CAM	PC	3	0	0	3
A2336	Heat Transfer	PC	3	1	0	3
	Open Elective-I		3	0	0	3
	Professional Elective-IV					
A2353	Computational Fluid Dynamics	PE	3	0	0	3
A2354	Jet Propulsion & Rocket Engineering	PE				
A2355	Power Plant Engineering	PE				
	Professional Elective-V					
A2356	Process management standards and applications	PE	3	0	0	3
A2357	Automobile Engineering	PE				
A2358	Mechatronics	PE				
A2337	Heat Transfer Lab	PC	0	0	3	2


A2338	Computer Assisted Production Drawing, CAD/CAM Lab	PC	0	0	3	2
A2339	Industry Oriented Mini Project	PC	0	0	0	2
TOTAL			18	1	6	24
VIII Semester						
Subject code	Subject	Group	L	T	P	C
A2022	Management Science	HS	4	0	0	4
	<i>Open Elective-II</i>		3	0	0	3
	<i>Open Elective-III</i>		3	0	0	3
A2341	Seminar	PC	0	0	3	2
A2342	Comprehensive Viva	PC	0	0	0	2
A2343	Main Project	PC	0	12	6	10
TOTAL			10	12	9	24
Total Credits of the program						192

Course code	Course	Dept offering	L	T	P	C
Open Elective - I						
A2451	Microcontrollers & Applications	ECE	3	0	0	3
A2241	Renewable Energy Sources	EEE	3	0	0	3
A2153	Solid and Hazardous Waste Management	CE	3	0	0	3
A2509	Java Programming	CSE	3	0	0	3
Open Elective - II						
A2452	Principles of Electronic Communications	ECE	3	0	0	3
A2245	Electrical Machines and Drives	EEE	3	0	0	3
A2157	Disaster management and Mitigation	CE	3	0	0	3

A2510	Database Management Systems	CSE	3	0	0	3
Open Elective - III						
A2453	Industrial Electronics	ECE	3	0	0	3
A2246	Power System Engineering	EEE	3	0	0	3
A2155	Environmental Impact Assessment and Management	CE	3	0	0	3
A2562	Fundamentals of Web Technologies	CSE	3	0	0	3
C2165	Basics of Insurance & Taxation	MBA	3	0	0	3

Total Credits: 192

4. 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.
5. 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.


(Prof.S.Shyam Kumar)
HoD,ME

HEAD

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