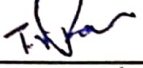
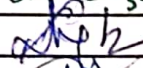
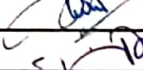
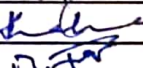
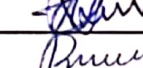
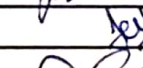
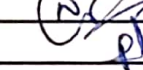


Minutes of BOS meeting held on 24/06/2017

GR17

Members present:

S.No	Name of the Member	Designation	Institution/ Organization	Signature
1	Dr. B Bala Krishana	Professor	JNTUCE (A), JNTUK, Kakinada	
2	Dr. D Ravi Kumar	Professor	IIT Delhi, New Delhi	<i>Shown his concern but not attended as he is in Germany</i>
3	Sri K Ravi Kumar	National Manager- Technical	EDS Technologies, Bangalore	C. V. Ravi Kumar
4	Koti Reddy	Sr. Manager	L & T Metro Hyderabad	<i>Shown his concern but not attended as he is in Hyderabad not collected</i>
5	Dr. T. V. Rao	APSSDC Advisor	APSSDC Advisor, Amaravati	
6	Dr. D. V. Rama Murthy	Principal	GIET (A), Rajahmundry	Buram 5-1-18
7	Dr. L. S. Gupta	Director	GIET (A), Rajahmundry	
8	Dr. M. Vara Prasada Rao	Dean	GIET (A), Rajahmundry	
9	Dr. T. Jayananda Kumar	HOD	GIET (A), Rajahmundry	
10	Mr. Kedar Nath Mahapatro	Assoc. Professor	GIET (A), Rajahmundry	
11	Mr. B. Joga Rao	Assoc. Professor	GIET (A), Rajahmundry	
12	Mr. K. Hari Krishna	Assoc. Professor	GIET (A), Rajahmundry	
13	Mr. K. Subba Rao	Assoc. Professor	GIET (A), Rajahmundry	
14	Mr. P. Poorna Mohan	Sr. Asst. Professor	GIET (A), Rajahmundry	
15	Mr. M. Balakrishna	Sr. Asst. Professor	GIET (A), Rajahmundry	
16	Mr. P. N. E. Naveen	Asst. Professor	GIET (A), Rajahmundry	
17	Mr. R. Veera Babu	Asst. Professor	GIET (A), Rajahmundry	

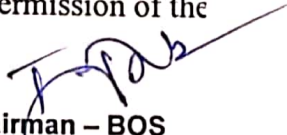
Minutes of BOS meeting held on 24/06/2017
(GIET(A), Rajahmundry)

The members discussed the points in the agenda and recorded as attached here with:

Dr.D.V.Ramamurthy, Principal GIET(A), welcomed all the members for BOS. Prof. T. Jayananda Kumar Chairman BOS and HOD (Mechanical Engineering) welcomed all the members to the BOS ME meeting of GIET(A), on 24/06/2017, at GIET campus for finalizing 1st and 2nd year syllabus along with other points in agenda.

AGENDA FOR BOS MEETING OF MECHANICAL ENGINEERING DEPARTMENT
(For Both UG & PG)

- 1 Finalization of -
 1. Course Structure for 4 Years/ 2Years/ 3Years
 2. Syllabus for 1st and 2nd Year
 3. Model Question Papers
 4. Experts for Paper Setting
 5. Examiners for Valuation (Theory/Practical)
- 2 Any other related points there-off with the permission of the


Chairman – BOS
Mechanical Department

The members discussed the points in the agenda one by one and resolved the following:

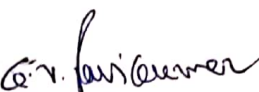
1. Course structure for 1, 2, 3 and 4th years, based on prerequisites is proposed for discussion. Members suggestions have been incorporated and finalized.
2. The detailed syllabi for 1st and 2nd years have been reviewed with good inputs from all the External BOS Members. The suggestions have been incorporated and the syllabus has been finalized. They were enclosed at **Annexure 1**.
3. Syllabus for the other departments has been finalized, like FMHM for EEE etc
4. The following inter disciplinary subject syllabi will be prepared by the respective departments, which are either in departmental elective or in compulsory subjects categories.
5. The structure and Model of Question Papers for UG(1st and 2nd years) have been approved for further necessary action. BOS recommended the chairman(BOS-ME) to finalized the Model Question Papers accordingly and are placed at **Annexure 2**. BOS members suggested to identify best expert covering all the well noted institution in JNTUK range as well as other JNTU's and reputed institutions.
6. List of experts for paper setting in the specific subjects of UG(1st and 2nd years) programmes has been approved and addition of the list as per requirement and scrutiny by the BOS Chairman – ME , who is hereby authorized to do so and the said list are placed at **Annexure 3**.
7. List of examiners for the paper valuation as per **Annexure 4** for UG(1st and 2nd years) programmes has been approved and modifications if any to the list of members as per requirement is authorized to Chairman BOS-ME. However BOS chairman is to see that there will not be more members from the same institute.
8. List of practical examiners for Labs as per **Annexure 5** for UG(1st and 2nd years) programmes has been approved and modifications if any to the list of members as per requirement is authorized to Chairman BOS-ME. However BOS chairman is to see that there will not be more members from the same institute.
9. It is also resolved to approve the course structure of M.Tech mechanical engineering for (1) CAD/CAM (2)Thermal Engineering specilizations as finalized in the meeting as at **Annexure 6** , syllabus as at **Annexure 7** , paper setters as at **Annexure 8** and paper valuers as at **Annexure 9**, in the similar lines as at **Annexure 1,2,3,4** and above.
10. Model question papers for M.Tech for both the specilization - (1) CAD/CAM (2)Thermal Engineering are to be and to be submitted to the chairman BOS with in one weak by the "local BOS' members. This is also resolved that the said papers with question paper structure, be finalised accordingly and is approved.
11. Correction to the structure and syllabus if any as per university or government requirement , if any, can be done sparingly as per requirements and BOS chairman is authorized to make such changes. The BOS chairman need to be communicatesuch changes to all the BOS member from time to time.

Handwritten signatures and initials of BOS members and the chairman, including names like 'Chairman', 'BOS', and various member initials.

The chairman- Board of studies, Mechanical Engineering, thanked all the members, especially the members came from long distances by using various mode of transport and helped in making the BOS meeting success with their valuable recommendations. BOS chairman-ME also thanked all the members for giving valuable suggestions for bringing more improvement for the benifit of the students in concurrent environment.



University Nominee



Special Invitee

Subject Expert

Special Invitee

Special Invitee



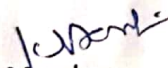
Subject Expert

Subject Expert



BOS Member

Member



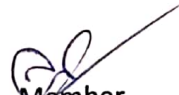
Member



Member



Member



Member



Member



Member



Member



Member

Member

Member

Member

Member



w.e.f. Academic Year : 2017-2018

I YEAR

I SEMESTER

S. No.	Subject codes	Subject	Periods per week			C	Scheme of Examination Maximum Marks		
			L	T	P/D		Int.	Ext.	Total
1	17198101	English – I	3	1	-	3	40	60	100
2	17198102	Mathematics - I	3	1	-	3	40	60	100
3	17198103	Engineering Physics	3	1	-	3	40	60	100
4	17195104	Computer Programming	3	1	-	3	40	60	100
5	17193175	Engineering Drawing	-	-	4	3	40	60	100
6	17198106	Environmental Studies	3	1		3	40	60	100
7	17198111	English Communication Skills Lab. -1	-	-	3	2	50	50	100
8	17198112	Engineering Physics Lab.	-	-	3	2	50	50	100
9	17195113	Computer Programming Lab.	-	-	3	2	50	50	100
		Total	15	5	13	24	390	510	900



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

GR-17

Approved by AICTE, Accredited by NBA & NAAC 'A' Grade, Recognized under 2(f) and 12(b) of UGC, Permanently Affiliated to JNTUK, Kakinada.

DEPARTMENT OF MECHANICAL ENGINEERING
4 Years B.Tech. (Mechanical Engineering) Course Structure : (2017-18)

I YEAR

II SEMESTER

S. No.	Subject codes	Subject	Periods per week			C	Scheme of Examination Maximum Marks		
			L	T	P/D		Int.	Ext.	Total
1	17198201	English – II	3	1	-	3	40	60	100
2	17198202	Mathematics – II	3	1	-	3	40	60	100
3	17198203	Mathematics – III	3	1	-	3	40	60	100
4	17198204	Engineering Chemistry	3	1	-	3	40	60	100
5	17193205	Engineering Mechanics	3	1	-	3	40	60	100
6	17198201	Professional Ethics and Human Values*	2	1	-	1	40	60	100
7	17198211	English Communication Skills Lab. -2	-	-	3	2	50	50	100
8	17198212	Engineering Chemistry Lab	-	-	3	2	50	50	100
9	17198283	Engineering Workshop & IT Workshop	-	-	3	2	50	50	100
		Total	17	6	9	22	390	510	900



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

GR-17

(AUTONOMOUS)
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DEPARTMENT OF MECHANICAL ENGINEERING
4 Years B.Tech. (Mechanical Engineering) Course Structure : (2017-18)

w.e.f. Academic Year : 2017-2018

II YEAR

I SEMESTER

S. No.	Subject codes	Subject	Periods per week			C	Internal	External	Total
			L	T	P/D				
1	17139301	Managerial Economics & Financial Analysis	3	1	-	3	40	60	100
2	17132302	Basic Electrical & Electronics Engineering	3	1	-	3	40	60	100
3	17130303	Metallurgy & Materials Science	3	1	-	3	40	60	100
4	17130304	Mechanics of Solids	3	1	-	3	40	60	100
5	17130305	Thermodynamics	3	1	-	3	40	60	100
6	17130376	Computer Aided Engineering Drawing Practice	-	-	4	3	40	60	100
7	17132311	Basic Electrical & Electronics Engineering Lab	-	-	3	2	50	50	100
8	17130312	Mechanics of Solids & Metallurgy lab	-	-	3	2	50	50	100
		Total	15	5	10	22	340	460	800



YEAR

II SEMESTER

S. No.	Subject codes	Subject	Periods per week			C	Internal	External	Total
			L	T	P/D				
1	17130401	Kinematics of Machinery	3	1		3	40	60	100
2	17130402	Thermal Engineering -I	3	1	-	3	40	60	100
3	17130403	Production Technology	3	1	-	3	40	60	100
4	17130404	Fluid Mechanics & Hydraulic Machinery	3	1	-	3	40	60	100
5	17130405	Industrial Engineering & Management	3	1	-	3	40	60	100
6	17130476	Machine Drawing	-	-	4	3	40	60	100
7	17139407	Soft Skills -1	1	-	2	1	100	-	100
8	17130411	Fluid Mechanics & Hydraulic Machinery Lab.	-		3	2	50	50	100
9	17130412	Production Technology Lab.	-		3	2	50	50	100
10	17130413	Thermal Engineering Lab.	-		3	2	50	50	100
		Total	15	5	15	25	490	510	1000

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GR-17

DEPARTMENT OF MECHANICAL ENGINEERING**4 Years B.Tech. (Mechanical Engineering) Course Structure : (2017-18)**

w.e.f. Academic Year : 2017-2018

III YEAR**I SEMESTER**

S. No.	Subject codes	Subject	Periods per week			C	Internal	External	Total
			L	T	P/D				
1	17130501	Dynamics of Machinery	3	1	-	3	40	60	100
2	17130502	Operations Research	3	1	-	3	40	60	100
3	17130503	Design of Machine Members-I	3	1	-	3	40	60	100
4	17130504	Instrumentation & Control Systems	3	1	-	3	40	60	100
5	17130505	Thermal Engineering -II	3	1	-	3	40	60	100
6	17130506	Metal Cutting & Machine Tools	3	1	-	3	40	60	100
7	17130511	Machine Tools Lab.	-	-	3	2	50	50	100
8	17130512	Theory of Machines Lab.	-	-	3	2	50	50	100
9	17130521	Mini Project-1	-	-	-	2	100	-	100
		Total	18	6	6	24	440	460	900

* Student should carry Mini Project during summer vacation after II B.Tech. II Sem. Course work and it will be evaluated during III B.Tech. I Sem.

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY**

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DEPARTMENT OF MECHANICAL ENGINEERING**4 Years B.Tech. (Mechanical Engineering) Course Structure : (2017-18)**

w.e.f. Academic Year : 2017-2018

III YEAR**II SEMESTER**

S. No.	Subject codes	Subject	Periods per week			C	Internal	External	Total
			L	T	P/D				
1	17130601	Finite Element Methods	3	1	-	3	40	60	100
2	17130602	CAD/CAM	3	1	-	3	40	60	100
3	17130603	Design of Machine Members- II	3	1	-	3	40	60	100
4	17130604	Open Elective : a. MEMS b. Mechanical Handling Equipment c. Nanotechnology d. Quality and Reliability Engineering e. Rural Technology	3	1	-	3	40	60	100
5	17130605	Heat Transfer	3	1	-	3	40	60	100
6	17130606	Departmental Elective - I a. Automobile Engineering b. Experimental Stress Analysis c. Industrial Hydraulics & Pneumatics d. Methods Engineering and Work Design	3	1	-	3	40	60	100
7	17139607	Soft Skills - 2	1	-	2	1	100	-	100
8	17130611	Heat Transfer Lab.	-	-	3	2	50	50	100
9	17130612	Simulation Lab.	-	-	3	2	50	50	100
		Total	19	8	8	23	440	460	900



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GR-17

DEPARTMENT OF MECHANICAL ENGINEERING
4 Years B.Tech. (Mechanical Engineering) Course Structure : (2017-18)

w.e.f. Academic Year : 2017-2018

IV YEAR

I SEMESTER

S. No.	Subject codes	Subject	Periods per week			C	Internal	External	Total
			L	T	P/D				
1	17130701	Power Plant Engineering	3	1		3	40	60	100
2	17130702	Metrology	3	1	-	3	40	60	100
3	17130703	Refrigeration & Air-Conditioning	3	1	-	3	40	60	100
4	17130704	Unconventional Machining Processes	3	1	-	3	40	60	100
5	17130705	Robotics	3	1	-	3	40	60	100
6	17130706	Departmental Elective – II a. Metal Forming Theory and Practice b. Mechatronics c. Computational Fluid Dynamics d. Automation in Manufacturing	3	1	-	3	40	60	100
7	17139707	IPR & Patents	2	-	-	1	40	60	100
8	17130711	Metrology & Instrumentation Lab.	-	-	3	2	50	50	100
9	17130731	Fabrication Project/Term paper	-	-	2	2	50	50	100
10	17130722	Mini project-2	-	-	-	2	100	-	100
		Total	20	6	5	25	480	520	1000

** Student should carry Summer Internship during summer vacation after III B.Tech. II Sem. Course work and it will be evaluated during IV B.Tech. I Sem.



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

GR-17

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DEPARTMENT OF MECHANICAL ENGINEERING
4 Years B.Tech. (Mechanical Engineering) Course Structure : (2017-18)

w.e.f. Academic Year : 2017-2018

IV YEAR

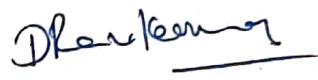
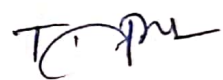
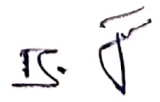
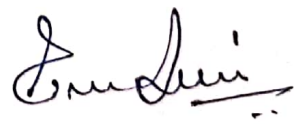
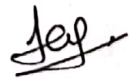
II SEMESTER

S. No.	Subject codes	Subject	Periods per week			C	Internal	External	Total
			L	T	P/D				
1	17130801	Departmental Elective – III a. Non Destructive Testing b. Condition Monitoring c. Gas Dynamics & Jet Propulsion d. Advanced Optimization Techniques e. Management Information Systems	3	1	-	3	40	60	100
2	17130802	Departmental Elective – IV a. Digital Manufacturing b. Design for Manufacture c. Pressure Vessals and Piping d. Product Life Cycle Management e. Renewable Energy Sources	3	1	-	3	40	60	100
3	17130841	Project Work	-	-	-	9	60	140	200
		Total	6	2	-	15	140	260	400

MEETINGS OF THE BOS(ME) MEETING HELD ON 11Th March, 2019

(GIET(A), Rajahmundry)

The following are the members-

- | | |
|--|--|
| 1 Dr. B. Balakrishna
Professor, JNTUCE(A), JNTUK, Kakinada. | University nominee  |
| 2. Dr. D. Ravi Kumar
Professor, IIT Delhi, New Delhi. | Subject Expert  |
| 3. Dr. L.S. Gupta
Professor & Director, GIET(A), Rjy. | Member  |
| 4.. Dr. T. Jayananda Kumar
Professor & Dean AA, GIET(A), Rjy. | Member of BOS  |
| 5. Mr. A. Rajeev
Sr. Research Engg. Dassault systems | Industrial Expert (Not able to Attend) |
| 6. Mr. Kedar Nath M
Assoc. Professor, GIET(A), Rjy. | Member  |
| 7. Mr. B. Joga Rao
Assoc. Professor, GIET(A), Rjy. | Member  |
| 8. Mrs. E. Nirmala Devi
Assoc. Professor, GIET(A), Rjy | Member  |
| 9. Mr. M. Balakrishna
Sr. asst. Professor, GIET(A), Rjy | Member  |

Contd..2.

..2..

10. Mr.K.Venkateswara Rao
Asst. Professor, GIET(A), Rjy.

Member



11. Mr. Anand Mohan Pandey
Assoc. Professor, GIET(A), Rjy.

Member



12. Mr. Rahul kumar
Asst. Professor, GIET(A), Rjy

Member



13. Mr. B. Jagadish
Asst. Professor, GIET(A), Rjy

Member



14. Mr. K. Subbarao
Professor & HOD, GIET(A), Rjy.

Chairman- BOS(ME)



Contd..3.

..3..

ther Members from GIET (A) -

r.T.V. prasad, Principal GIET(A) and Prof. K. Subbarao, chairman BOS and HOD (Mechanical) welcomed all the members to the BOS-ME Meeting of GIET(A), for one day on 11th March 2019, at GIET Campus, for finalizing 3rd and 4th year syllabus along other points in the agenda.

The Agenda

1. GR17 syllabus for 3rd and 4th Year
2. GR19 course Structure for 4 years UG program
4. GR19 syllabus for PG program (Thermal & CAD/CAM)
5. GR19 Model Question Papers
6. Experts for Paper Setting
7. Examiners for Valuation (Theory/Practical)

Contd..4.

..4..

1. In the course structure of GR-17 that is ratified in the previous BOS were followed with some minor changes which are listed below is ratified in this present BOS Meeting.

(i). One credit is given to the courses ~~like~~ soft skills-I, soft skills-II, IPR and Patents, professional ethics and human values.

(ii). One laboratory course (i.e. Theory of machines lab) is introduced in III Year I sem. Thermal Engineering Lab course is shifted ^{to} II Year II semester from III Year I semester.

(iii). Courses in the point 1 add 4 credits and in the point 2 add 2 credits and in total 6 credits. This is compensated by eliminating courses Management Information Systems and Renewable Energy Sources as Main course and included in the departmental elective-III and departmental elective-IV in IV Year II Semester.

(iv). Summer Internship is given 2 credits instead of 3 and fabrication project is given 2 credits instead of 1 in IV year I semester.

2. GR-17 **Detailed syllabus** for 3rd and 4th years have been reviewed with good inputs from all the External BOS Members. The suggestions have been incorporated and the syllabus has been finalized. These were enclosed at **Annexure 1**.

3. GR-19 Course Structure for all 4 years is put in the meeting for discussion. Several suggestions were given by the university nominee and subject expert which will be incorporated in the next BOS meeting.

4. The Detailed Syllabus for the UG GR-17 1st Year and 2nd year has been already finalized in earlier BOS Meeting and is perused for overall understanding. The same is accepted to be as it is.

Contd..5.

5. The Detailed Syllabus for the PG GR-17 has been already finalized in earlier BOS Meeting and is perused for overall understanding. The same is accepted to be as it is.
6. The Detailed Syllabus for GR19 syllabus for PG program (Thermal & CAD/CAM) is put for preliminary discussion and suggestions were taken for incorporating before next BOS meeting.
7. The inter disciplinary subject syllabi will be prepared by the respective departments, which are either in Open Electives or basic engineering science courses.
8. The Structure and **Model of Question papers** for GR-17 UG (All 4years) have been put for discussion. BOS recommended the Chairman (BOS-ME) to finalize the Model Question papers accordingly and are placed at **Annexure 2**. BOS Members suggested to identify best experts covering all the well noted institutions in JNTUK range as well as others JNTU's and reputed institutions instead of nominating more than one expert from the same institute.
9. List of **Experts for paper setting** in the Specific Subjects of GR-19 UG (All 4 years) programmes has been approved and addition to the list as per requirements and scrutiny by the BOS Chairman –ME, who is hereby authorized to do so and the said lists are placed at **Annexure 3**.
10. List of **Examiners for paper Valuation** as per **Annexure 4** for GR-19 UG (All 4 years) programmes have been approved and modifications if any to the list of members as per requirements is authorized to Chairman BOS-ME. However, BOS Chairman is to see that there will not be more members from same institute.
11. List of **Practical Examiners** for Labs as per **Annexure 5** for GR-19 UG (All 4 years) programmes have been approved and modifications if any to the list of members as per requirements are authorized to Chairman BOS-

Contd..6.

..6..

ME. However, BOS Chairman is to see that there will not be more members from same institute.

12. Corrections to the Structure and Syllabus if any, as per University or Governments requirements, if any, can be done sparingly as per requirements, and BOS Chairman is authorized to make such changes. The BOS Chairman need to communicate such changes to all the BOS Members from time to time.

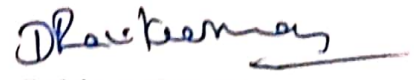
Contd..7.

The chairman –Board of Studies, Mechanical Engineering, thanked all the members, especially the members came from long distances by using various modes of transport and helped in making the ‘BOS Meeting’ success with their valuable recommendations. BOS Chairman - ME also thanked all members for giving valuable suggestions for bringing more improvements for the benefit of the students in concurrent environment.



University Nominee

Special Invitee



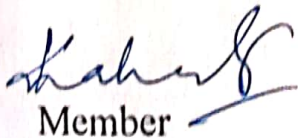
Subject Expert

Special Invitee

Special Invitee

Subject Expert

Industrial Expert


BOS Member
Member
Member
Member
Member
Member
Member

Member

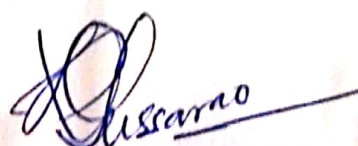

Member
Member

Member

Member

Member

Member


Chairman - BOS (ME)