

A Meeting of the Boards of Studies in Mechanical Engineering is held at 10.30 am on Saturday the 23rd August' 2014 in the GIET Campus, Chaitanya Knowledge city, Rajahmundry. The Agenda is as follows

1. Finalisation of course structure & syllabi for B.Tech Four Years Degree program and recommending the same for approval by the College Academic Council.
2. Finalisation of course structure & syllabi for M.Tech Two Years Post Graduate Degree program in Mechanical Engineering and approving the same for approval by the College Academic Council.
3. Finalisation of List of Experts for paper setting for UG & PG programs separately
4. Finalisation of List of Examiners for Paper Valuation for UG & PG Programs Separately
5. Any other Points with the permission of the chair.



HOD - Mech.

Members Present for BOS Meeting

on, 23.08.2014.

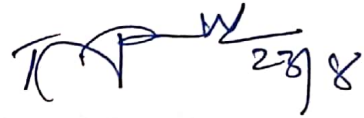
1. Dr. L. S. Gupta
Director - GIET.



2. Dr. M. Varaprasada Rao
Dean.



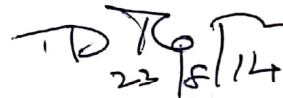
3. Prof. T. Jayanand Kumar
HOD - Mech and Chairman - BOS.



4. Dr. P. Srikanth
Principal - VSM College of Engg.



5. Dr. Dharma Raju.
Principal - ACE Chebrolu.



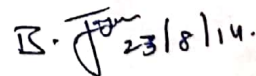
6. Prof. K. L. N. Murthy
GIET.



7. Prof. S. Rajasekhari
GIET.



8. Prof. B. Voga Rao.
GIET.



9. Prof. P. Srinivas
SIET - Amalapuram & PG Alumni



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

1. It is resolved to approve the course structure for B.Tech Mechanical as finalised in this meeting as at Annexure - A, which will be followed for the students admitted from the academic year 2014-15 onwards.

2. It is resolved to adopt the syllabus for the following -

1. Engineering Mechanics.
2. Applied Mechanics.
3. Engineering Drawing.
4. Basic Engineering Drawing. and.
5. Engineering Workshop.

Subjects as finalized in this meeting as at 'Annexure - B' from the academic year 2014-15.

3. It is also resolved to approve the list of paper setters as at 'Annexure - C' and authorized the chairman - BOS to add additional members, as per requirements of suitability in a month time from now.

4. It is resolved to approve the list of paper valuers as at 'Annexure - D' and authorized the chairman - BOS - Mechanical Dept. to make additions to the members if needed as per

Sustainability but within a month's time from now.

(5)

5. preparation of model question papers, has also been discussed and it is resolved that model question papers for 'first year' both semesters, as per common structure for the following subjects -

1. Engineering Mechanics.
2. Applied Mechanics.
3. Engineering Drawing and.
4. Basic Engineering Drawing.

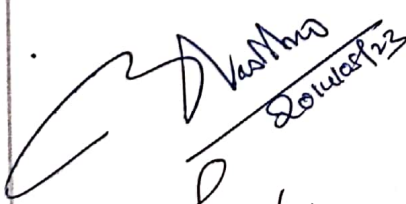
be prepared by "Local Members" on Board of studies and submit to the Chairman of Academic Council in 15 days time. The structure was also discussed and is as follows.

1. Maximum Marks - 70,
2. Duration - 3 Hrs.
3. Total no of Questions to be Answered - 5
4. All questions carry equally 14 Marks each.
5. Part 'A' is Compulsory and Part 'B' contains 6 Questions one from each unit and any 4 are to be answered.
6. PART-A - Only one question - Compulsory and is a mixture of short Answer questions from different units.
7. PART-B - 5 Questions - one from each unit. There will be only one question paper.

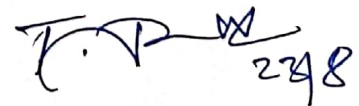
6. It is also resolved to approved the course structure of ^(B)
M.Tech - Mechanical Engineering - for 1. CAD/CAM
2. Thermal Engineering Specializations, as finalized in the
meeting as at "Annexure - E", Syllabus as at Annexure 'F',
paper setters as at - Annexure - 'G' and paper valuers as
at Annexure - H', in the similar lines as at Annexure - A, B,
C & D, above.

7. Model Question papers for M.Tech - Both the
Specializations - (1) CAD/CAM and (2) Thermal Engineering are
to be prepared and to be submitted to the Chairman - BOS
within one week by the 'local - BOS' members. This is
also resolved that the said papers with question paper
structure, be finalized accordingly and is approved.

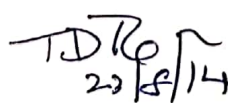
The Chairman - BOS, Thanked all the members for their active
participation and giving valuable suggestions. He has also
thanked the members came from long distances for their
Cooperation.

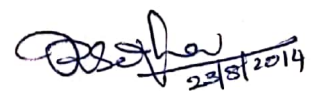

Dr. Vasanth
20/08/14



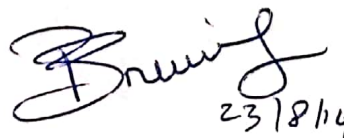

23/8


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GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

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

Brief Report on proceedings of BOS Meetings for UG & PG Programmes held on 23-8-2014 in the Dept. of Mechanical Engineering, GIET (A), Rajahmundry.

1. Prof. T.Jayananda Kumar, Chairman (BOS) and HOD (Mechanical Engineering) chaired the meeting and welcomed all the members to the First BOS meeting.
He welcomed and introduced the members of BOS and conveyed thanks to the external members for accepting to act as member of BOS.
2. During brief introductory meeting, HOD & Chairman-Board of studies emphasized that the reputation of the institute and the course depends on the inputs.
3. Chairman-BOS requested all the members to design the course structure and syllabus to fill the gap between Industry & Institution and the requirements of the society.
4. Chairman-BOS called the attention of the members to focus on
 - a) Current industrial requirements
 - b) Quality of the incoming students
 - c) Measures to be taken to guide the students to compete with national and international students in various placement activities (for Recruitment/ Admissions)
 - d) Electives to be identified based on major streams of ME viz; Design, Manufacturing and Thermal Engineering so that the UG students will have the choose of specialization.
5. Later the meeting continued with the predefined agenda.
6. After detailed discussion the BOS approved to adopt the recommended course structure for B.Tech.(M.E.) and M.Tech. CAD/CAM and Thermal Engineering specializations. The proposal to retain the Meeting ended with vote of thanks to the Chair.
7. The Board recommended ~~the~~ examiners and the Chairman was authorized to modify the list of examiners as and when necessary.

T. J. Kumar
24/8

Agenda for the BOS meeting on 23 November 2014

1. Finalisation of syllabi for B.Tech First Year program as per the structure approved by Academic Council and recommending the same for approval by the College Academic Council.
2. Finalisation of syllabi for M.Tech/ MCA & MBA First Year programs and recommending the same for approval by the College Academic Council.
3. Finalisation of Model question papers for UG & PG Programmes
4. Finalisation of List of Experts for I Year paper setting for UG & PG programs separately
5. Finalisation of List of Examiners for Paper Valuation for First year UG & PG Programs Separately
6. Finalisation of List of Practical Examiners for UG & PG Programmes separately
7. Discussion/ recommendation of an appropriate Marks grading system
8. Any other Points with the permission of the chair.

(10)

Minutes of BOS Meeting Dt. 23.11.2014

Members Present:

- | | |
|------------------------------|---------------------------------|
| 1. Dr. MMM Sarcar | University Rep. |
| 2. Dr. B. Balakrishna | HOD of ME JNTUK. Subj. Expert. |
| 3. Dr. V.R.K. Raju. | Asst Prof. NIT-W. Subj. Expert. |
| 4. Dr. L. S. Gupta | Director - GIET. |
| 5. Dr. M. Varaprasada Rao | Dean - GIET. |
| 6. Dr. Malladi. N. S. | Professl. Mech GIET. |
| 7. Prof. K.L.N. Murthy | |
| 8. Prof. B. Goga Rao. | B. For |
| 9. Prof. Md. Akhil. | |
| 10. Prof. R.S. Rajasekhar. | |
| 11. Prof. T. Jayanand Kumar. | HOD - Mech. GIET. |
- Chairman 2 NOV 2014

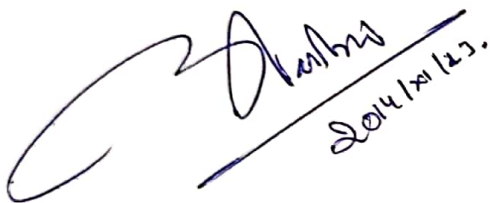
The members discussed the points as in the agenda and resolved as follows.

1. It is resolved to approve the course structure for B. Tech first year programme as per Annexure I, and recommended the same for approval of College Academic Council.
- P.T.O.

2. Syllabus for M.Tech programmes in M.Tech (CAD/CAM) & M.Tech (Thermal Engg) and recommended the same for the approval of College academic council, to be followed for the students admitted from the academic year 2014-15 onwards. The Syllabus is placed at Annexure 2 & 3.
3. The structure and model of Question papers for both UG & PG programmes, has been approved for further necessary action. Model papers annexed at Annexure 4 & 5.
4. List of Experts for 1st year paper setting for UG & PG has been approved and additional members if any can be added as per requirements and suitably by the BOS chairman, who is hereby authorized to do so. and list is enclosed at "Annexure - 6" - A & B.
5. List of examiners for paper valuation, as per "Annexure - 7", for first year, B.Tech & M.Tech programmes, as has been approved Annexure - 7 - A & 7 - B, Separately and BOS Chairman is hereby authorized to make additions if any to the list of members as per requirements.
6. List of practical examiners for UG & PG programmes, Separately as at Annexure 8A & 8B, has been approved and BOS Chairman is hereby authorized to make additions if any to the list of members as per requirements.

7. Suggestions have been made for grading system for further necessary action as per Annexure - 9, & recommended for approval of 'CAC'. (12)

The chairman - BOS, thanked all the members for their active participation and giving valuable suggestions. He has also thanked all the members came from long distances and for their cooperation.

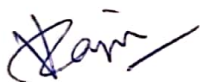

A. K. S. S.
20/11/2014

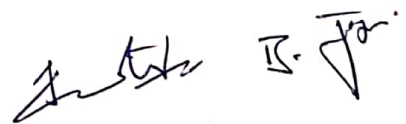
N. S. Malladi

T. P. W.
23/11


S. S. S.


R. K. S.


K. S. S.


S. S. S.


S. S. S.
24/11/2014



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY (GIET-A)
(AUTONOMOUS)

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

Brief Report on proceedings of BOS Meetings for UG & PG Programmes held on 23-11-2014 in the Dept. of Mechanical Engineering, GIET (A), Rajahmundry.

1. Prof. T.Jayananda Kumar, Chairman (BOS) and HOD (Mechanical Engineering) chaired the meeting and welcomed all the members to the BOS meeting.
He welcomed and introduced the members of BOS and conveyed thanks to all the external and internal members for accepting to act as member of BOS.
2. During brief introductory meeting, HOD & Chairman-Board of studies emphasized that the reputation of the institute and the course depends on the inputs.
3. Chairman-BOS requested all the members to design the course structure and syllabus to fill the gap between Industry & Institution and the requirements of the society as a whole.
4. Chairman-BOS called the attention of the members to focus on
 - a) Current industrial requirements
 - b) Quality of the incoming students
 - c) Measures to be taken to guide the students to compete with national and international students in various placement activities (for Recruitment/ Admissions)
 - d) Electives to be identified based on major streams of ME viz; Design, Manufacturing and Thermal Engineering so that the UG students will have the choose of specialization.
5. Later the meeting continued with the predefined agenda.
6. After detailed discussion the BOS approved to adopt the recommended course structure for B.Tech.(Mech.Engg.) and M.Tech. (CAD/CAM) and Thermal Engineering specializations. The meeting ended with vote of thanks to the Chair.
7. The Board recommended the list of examiners and the Chairman was authorized to modify the list of examiners as and when necessary.


(Head of the Dept.
Mechanical Engineering
GIET, RAJAHMUNDY - A.P
Prof. T.Jayananda Kumar,

Chairman (BOS) and HOD (Mechanical Engineering)

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)**DEPARTMENT OF MECHANICAL ENGINEERING****Members for the BOS meeting of the Dept. of Mechanical Engineering :: Dt.02.06.2015**

S.No.		Name of the Member	Designation	Institution/Organization	Ph. No.	e-mail ID
1	E M : Subject Expert	Dr. B Bala Krishana	Professor	JNTUCE (A), JNTUK, Kakinada	8978618555	balakrishnajntu06@gmail.com
2	E M : Subject Expert	Dr. VRK Raju	Professor	NIT-Warangal, Warangal	8702462316	vrkraju@nitw.ac.in
3	E M : University Nominee	Dr. MMM Sarcar	Former Professor	AUCE (A), A.U., Visakhapatnam	9949161001	mmmsarcar@gmail.com
4	Member : from IITs	Dr. D Ravi Kumar	Professor	IIT Delhi, New Delhi	9968475190	dravi@mech.iitd.ernet.in
5	Internal Member	Dr. LS Gupta	Professor & Director	GIET (A), Rajahmundry	9866811444	lsgupta@gmail.com
6	Internal Member	Dr. MV Prasada Rao	Professor	GIET (A), Rajahmundry	8297774111	annaprasad@rediffmail.com
7	Internal Member	Dr NS Malladi	Professor	GIET (A), Rajahmundry	8179514710	nsmalladi@gmail.com
8	Internal Member	S Rajasekhar	Assoc. Professor	GIET (A), Rajahmundry	9440346935	rajasekharsandhi@gmail.com
9	Internal Member	R L Narayana	Assoc. Professor	GIET (A), Rajahmundry	8978810602	lalith_narayana@yahoo.com
10	Internal Member	M Kedaranath	Assoc. Professor	GIET (A), Rajahmundry	9440544901	knm576@gmail.com
11	Internal Member	KLN Murty	Assoc. Professor	GIET (A), Rajahmundry	8886668237	klm@rediff.com
12	Internal Member	B Joga Rao	Asst. Professor	GIET (A), Rajahmundry	9959257905	jogaroo.bikkavolu@gmail.com
13	Internal Member	Aditya Shankar	Asst. Professor	GIET (A), Rajahmundry	7207742978	adityamacet@gmail.com
14	Chairman-BOS	T.Jayananda Kumar	Assoc. Prof.&HOD-ME	GIET (A), Rajahmundry	8886668240	jktatipaka@yahoo.com

Minutes of BOS Meeting. Dt. 02.06.2015

15

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)	
DEPARTMENT OF MECHANICAL ENGINEERING	
AGENDA for the BOS meeting of the Dept. of Mechanical Engineering :: Dt.02.06.2015	
1.	Finalization of syllabi for B.Tech. second year program as per the course structure recommended by the BOS in the earlier meeting held on 23.11.2014 and approved by the Academic council.
2.	Recommending the B.Tech. second year program syllabi for approval by the college academic council.
3.	Finalisation of model question papers.
4.	Finalisation of list of subject experts for B.Tech. second year program.
5.	Finalisation of list of examiners for paper valuation.
6.	Finalisation of list of practical examiners.
7.	Any other points with the permission of the chair.

02 JUN 2015

II YEAR

I SEMESTER

5+1+2+0+0 (T+D+P+ACC+NCC)

S. No.	Subject	T	P/D	Credits	Maximum Marks		
					Internal	External	Total
1	Metallurgy & Materials Science	4	-	3	30	70	100
2	Mechanics of Solids	3+1	-	3	30	70	100
3	Thermodynamics	3+1	-	3	30	70	100
4	Managerial Economics & Financial Analysis	4	-	3	30	70	100
5	Basic Electrical & Electronics Engineering	4	-	3	30	70	100
6	Computer Aided Engineering Drawing Practice	1	3	3	30	70	100
7	Basic Electrical & Electronics Engineering Lab	-	3	2	50	50	100
8	Mechanics of Solids & Metallurgy lab	-	3	2	50	50	100
	Total	21	9	22	-	-	800

II YEAR

II SEMESTER

5+1+2+0+1 (T+D+P+ACC+NCC)

S. No.	Subject	T	P/D	Credits	Maximum Marks		
					Internal	External	Total
1	Kinematics of Machinery	3+1	-	3	30	70	100
2	Thermal Engineering -I	3+1	-	3	30	70	100
3	Production Technology	4	-	3	30	70	100
4	Fluid Mechanics & Hydraulic Machinery	3+1	-	3	30	70	100
5	Industrial Engineering & Management	4	-	3	30	70	100
6	Machine Drawing	1	3	3	30	70	100
7	Fluid Mechanics & Hydraulic Machinery Lab.	-	3	2	50	50	100
8	Production Technology Lab.	-	3	2	50	50	100
9	Soft Skills -I	4	-	-	-	-	-
	Total	25	9	22	-	-	800

Members present:

1. Dr. MMM Sancar
2. Dr. D. Ravi Kumar
3. Dr. B. Balakrishna
4. Dr. V.R.K. Raju.
5. Dr. L.S. Gupta
6. Dr. M. Varaprasada Rao.
7. Prof. S. Rajasekhara
8. Prof. R. Lalit Narayan
9. Prof. M. Kedarnath
10. Prof. K.L.N. Murthy
11. Prof. B. Joga Rao.
12. Prof. Aditya Shankar
13. Prof. Ramesh Naidu. J
14. Prof. Gauthami
15. Prof. Veerangju. P.
16. Prof. T. Jayanand Kumar.

- University Rep. () Tom Sancar
Member from IIT - Subj. Phen. Chem
Exp. E
Subject Expert. JNTUK.
NIT - Warangal - S.E.
Director - GIET. [Signature]
Dean - GIET. [Signature]
Asso. Prof. GIET. [Signature]
—do— [Signature]
—do— [Signature]
—do— [Signature]
Asst. Prof. GIET. [Signature]
Asst. Prof. GIET. [Signature]
—do— [Signature]
—do— [Signature]
Associate Prof. GIET. [Signature]
Chairman - BOS. [Signature]

02 JUN 2015

The members discussed the points as in the agenda and resolved as follows —

1. It is resolved to approve the course structure ^{Syllabus} for B.Tech first semester of second year programme and second semester of second year programme as per Annexure I and recommended the same for approval of College academic Council. The detailed syllabus is placed at Annexure I for both semesters.

P.T.O.

2. Syllabus for M.Tech programmes — M.Tech (17)
(CAD-CAM) & M.Tech (Thermal Engg), as has been
discussed and approved in earlier BOS and ACM has
been considered as is and the same will be followed for
academic year 2015-16. The syllabus is placed at
Annexure II & III.

3. The structure and model of question papers for both
UG and PG programmes has been approved for further
necessary action. BOS recommended the chairman BOS to
finalize the model question papers, accordingly. Annexure IV & V

4. List of Experts in the subject (Subject Experts) for
Second year paper setting for both UG & PG
programmes has been approved and addition to the list
by adding additional members can be added as per requirements
and scrutiny by the BOS Chairman, who is authorized to do so.
List is enclosed at Annexure VI - A & B.

5. List of examiners for paper valuation as per Annexure VII
for UG & PG programmes has been approved as per
Annexure VIII - A & B. Separately and BOS Chairman is
hereby authorized to make modifications if any to the list
of members as per requirements.

6. List of practical examiners for UG & PG
programmes separately as at Annexure IX A & B,
has been approved and BOS Chairman is hereby
authorized to make additions if any to the list of
members as per requirements.

P.T.O.

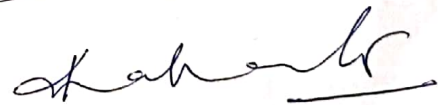
7. Corrections suggested to the Syllabus and structure (18)
for 3rd year B.Tech programme for
provisional study for future incorporation as per
requirements and BOS chairman is authorised to make
Necessary changes as per ACM recommendations if any.

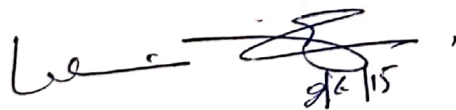
8. Marks allotment as so internal Marks of SD extend Marks of
the Credit system are to be considered and approved by
CAM and then BOS recommend this point for further
discussion in ACM. However this point is referred with
earlier ACM recommendations, to the full satisfaction of BOS members.

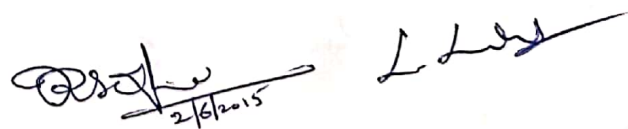
The chairman - BOS thanked all the BOS
members for their active participation, long travel by
senior members and especially for giving valuable
suggestions for bringing more improvements for the
benefit of students. He has thanked all the members
who came from long distances using various modes of
transport and for their best cooperation.


Vasanth
2015/06/02


Leena

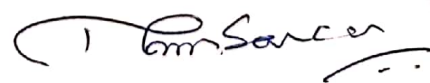

K. Anur


Leena
2/6/15

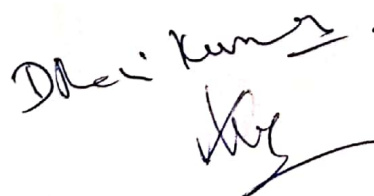

P. S. Suresh
2/6/2015

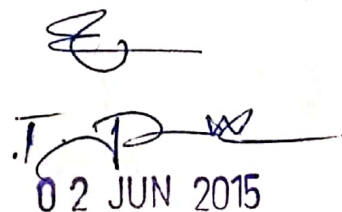
IS. Jeyaraj
2/6/15

Adithyan.


P. S. Suresh


2/6/15


P. S. Suresh


P. S. Suresh
02 JUN 2015

Minutes of BoS meeting Dt. 12.2.2016
and 13.2.2016.

(19)
23/6

Members present:

1. Dr. B. Bala Krishna, Professor & HOD
JNTUCE, JNTUK
Kakinada.
2. Dr. D. Ravi Kumar, Professor, IITD, New Delhi
3. Dr. NRE Raju, Professor, IITWarrangal.
4. Sri Ch. Vijay Kumar, GM, NFCL, Kakinada
5. Dr. L.S. Gupta, Prof. & Director, GIET(A).
6. Dr. D.V. Ramamurthy, Prof. & Principal, GIET(A).
7. Dr. M.V. Prasada Rao, Prof. & Dean, GIET(A)
8. Dr. T. Jayarama Kumar, Prof. & HOD, GIET(A)
9. Prof. M. Kadumathi, Assoc. Prof. - ME, GIET(A)
10. Prof. R.L. Manjanna, Assoc. Prof. - ME, GIET(A).
11. Prof. S. Rajasekar, Assoc. Prof. - ME, GIET(A)
12. Prof. B. Jogarao, Asst. Prof. - ME, GIET(A)
13. Prof. J. Ramesh Narayana, Asst. Prof. - ME, GIET(A).

The members discussed the
points in the agenda and resolved
as stated here with.

13 FEB 2016

MINUTES OF BOS (ME) MEETING HELD ON 12th – 13th Feb. 2016

(GIET(A), Rajahmundry)

The following are the members-

- 1 Dr. NABH Narayana Kumar, Professor, JNTU
Professor, JNTU, Visakhapatnam.
Vice-Chancellor, JNTU
Anantapur.
- 2 Dr. B Bala Krishana, Subject Expert
Professor, JNTUCE (A), JNTUK,
Kakinada.
- 3 Dr. D Ravi Kumar, Professor, Subject Expert
IIT Delhi, New Delhi.
- 4 Dr. VRK Raju, Member of BOS
Asst. Professor, Dept. of ME NIT
Warangal.
- 5 Sri Ch VIJAYA KUMAR, General Industrial Expert
Manager - (Mechanical) NFCL,
Kakinada.
- 6 Sri PVRT Varma, Alumni of GIET 2003
Rajasagi, Manager (Mfd)
Shneider Electric India (Pvt. Ltd.,
batch.
- 7 Dr. LS Gupta, Member
Professor & Director,
GIET(A), Rjy.
- 8 Dr. DV Rama Mutry, Member
Professor & Principal, GIET(A), Rjy.
- 9 Dr. M Varaprasada Rao, Member
Dean - Academics GIET (A)
- 10 Dr. T. Jayananda Kumar, Chairman - BOS (ME)
Professor & HOD,
GIET (A), Rjy.

Contd..2.

13 FEB 2016

Other Members from GIET (A) -

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), for Two days i.e on 12th and 13th Feb 2016, at GIET Campus, for finalizing 3rd and 4th year Syllabus along with other points in the agenda.

The agenda

1. Course Structure Review.
2. Syllabus for 3rd & 4th years.
3. Model Question papers.
4. Experts for Paper Setting.
5. Examiners for Valuation (Theory/Practical)
6. Any other related points with the permission of the chair.

Contd.:3.

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1. Course structure for 1,2,3 and 4th years, based on prerequisites, recommended to swap Metal Cutting & Machine Tools and Machine Tools Lab. with Metrology and Metrology & Instrumentation Lab. from III B.Tech II Sem. to III B.Tech. I Sem. and vice versa.

All the members agreed for the proposal.

2. The Detailed Syllabus for the 2nd Year 1st and 2nd Semesters has been already finalized in earlier BOS Meeting and is perused for overall understanding. The same is accepted to be as is.

3. The **detailed syllabi** 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.**

4. Syllabus for other departments in the following subjects have been finalized.

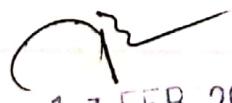
a. Advanced Optimization Techniques for EEE

5. ~~The~~ The following inter disciplinary subject syllabi will be prepared by the respective departments, which are either in Departmental Electives or in Compulsory subjects categories.

- a. Interactive Computer Graphics by CSE
- b. Soft Skills by HBS Dept.

6. The Structure and **Model of Question papers** for UG (3rd and 4th year) have been approved for further necessary action. 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.

7. List of **Experts for paper setting** in the Specific Subjects of UG (3rd and 4th year) 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**.
8. List of **Examiners for paper Valuation** as per **Annexure 4** for UG (3rd and 4th year) 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.
9. List of **Practical Examiners** for Labs as per **Annexure 5** for UG (3rd and 4th year) programmes have been approved and modifications if any to the list of members as per requirements are authorized to Chairman BOS-ME. However BOS Chairman is to see that there will not be more members from same institute.
10. 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.

 
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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

Subject Expert

BOS Member

Member

Member

Member

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DEAN-Academics- GIET (A)

Chairman BOS (ME)

COURSE STRUCTURE

B. Tech. Mechanical Engineering

I Year

I Semester

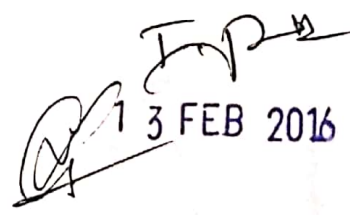
S. No.	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
		T	P	D		Int.	Ext.	Total
1	English - I	4	-	-	3	30	70	100
2	Mathematics - I	4	-	-	3	30	70	100
3	Mathematics - II	4	-	-	3	30	70	100
4	Engineering Physics	4	-	-	3	30	70	100
5	Computer Programming	4	-	-	3	30	70	100
6	Environmental Studies	4	-	-	3	30	70	100
7	English Communication Skills Lab. -1	-	3	-	2	50	50	100
8	Engineering Physics Lab.	-	3	-	2	50	50	100
9	Computer Programming Lab.	-	3	-	2	50	50	100
Total		24	9	-	24	-	-	900

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COURSE STRUCTURE

B. Tech. Mechanical Engineering

I Year					II Semester			
S. No.	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
		T	P	D		Int.	Ext.	Total
1.	English – II	4	-	-	3	30	70	100
2.	Mathematics – III	4	-	-	3	30	70	100
3.	Engineering Chemistry	4	-	-	3	30	70	100
4.	Engineering Mechanics	4	-	-	3	30	70	100
5.	Engineering Drawing	1	-	3	3	30	70	100
6.	Professional Ethics and Human Values	4	-	-	-	-	-	-
7.	English Communication Skills Lab. -2	-	3	-	2	50	50	100
8.	Engineering Chemistry Lab	-	3	-	2	50	50	100
9.	Engineering Workshop & IT Workshop	-	3	-	2	50	50	100
Total		21	9	3	21	-	-	800

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COURSE STRUCTURE

B. Tech. Mechanical Engineering

II Year

I Semester

S. No.	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
		T	P	D		Int.	Ext.	Total
1.	Metallurgy & Materials Science	4	-	-	3	30	70	100
2.	Mechanics of Solids	4	-	-	3	30	70	100
3.	Thermodynamics	4	-	-	3	30	70	100
4.	Managerial Economics & Financial Analysis	4	-	-	3	30	70	100
5.	Basic Electrical & Electronics Engineering	4	-	-	3	30	70	100
6.	Computer Aided Engineering Drawing Practice	1	-	3	3	30	70	100
7.	Basic Electrical & Electronics Engineering Lab	-	3	-	2	50	50	100
8.	Mechanics of Solids & Metallurgy lab	-	3	-	2	50	50	100
Total		21	6	3	22	-	-	800

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COURSE STRUCTURE

B. Tech. Mechanical Engineering

II Year

II Semester

S. No.	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
		T	P	D		Int.	Ext.	Total
1.	Kinematics of Machinery	4	-	-	3	30	70	100
2.	Thermal Engineering -I	4	-	-	3	30	70	100
3.	Production Technology	4	-	-	3	30	70	100
4.	Fluid Mechanics & Hydraulic Machinery	4	-	-	3	30	70	100
5.	Industrial Engineering & Management	4	-	-	3	30	70	100
6.	Machine Drawing	1	-	3	3	30	70	100
7.	Fluid Mechanics & Hydraulic Machinery Lab.	-	3	-	2	50	50	100
8.	Production Technology Lab.	-	3	-	2	50	50	100
9.	Soft Skills -1	4	-	-	-	-	-	-
Total		25	6	3	22	-	-	800

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COURSE STRUCTURE

B. Tech. Mechanical Engineering

III Year

I Semester

S. No.	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
		T	P	D		Int.	Ext.	Total
1.	Dynamics of Machinery	4	-	-	3	30	70	100
2.	Operations Research	4	-	-	3	30	70	100
3.	Design of Machine Members-I	4	-	-	3	30	70	100
4.	Instrumentation & Control Systems	4	-	-	3	30	70	100
5.	Thermal Engineering -II	4	-	-	3	30	70	100
6.	Metal Cutting & Machine Tools	4	-	-	3	30	70	100
7.	Machine Tools Lab	-	3	-	2	50	50	100
8.	Thermal Engineering Lab.	-	3	-	2	50	50	100
9.	Mini Project*	-	-	-	2	100	-	100
Total		24	6	-	24	-	-	900

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* 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.

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COURSE STRUCTURE

B. Tech. Mechanical Engineering

III Year

II Semester

S. No	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
		T	P	D		Int.	Ext.	Total
1.	Metrology	4	-	-	3	30	70	100
2.	Interactive Computer Graphics	4	-	-	3	30	70	100
3.	Design of Machine Members- II	4	-	-	3	30	70	100
4.	Robotics	4	-	-	3	30	70	100
5.	Heat Transfer	4	-	-	3	30	70	100
6.	Departmental Elective – I	4	-	-	3	30	70	100
7.	Heat Transfer Lab	-	3	-	2	50	50	100
8.	Metrology & Instrumentation Lab	-	3	-	2	50	50	100
9.	Soft Skills - 2	4	-	-	2	-	-	-
Total		28	6	-	22	-	-	800

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COURSE STRUCTURE

B. Tech. Mechanical Engineering

IV Year

I Semester

S. No.	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
		T	P	D		Int.	Ext.	Total
1.	Power Plant Engineering	4	-	-	3	30	70	100
2.	Finite Element Methods	4	-	-	3	30	70	100
3.	CAD/CAM	4	-	-	3	30	70	100
4.	Unconventional Machining Processes	4	-	-	3	30	70	100
5.	Open Elective	4	-	-	3	30	70	100
6.	Departmental Elective – II	4	-	-	3	30	70	100
7.	CAM and Simulation Lab	-	3	-	2	50	50	100
8.	Fabrication Project / Term Paper #	-	1	-	1	50	-	50
9.	Summer Internship**	-	-	-	3	100	-	100
10.	IPR & Patents	4	-	-	-	-	-	-
Total		28	4	-	24	-	-	850

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

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COURSE STRUCTURE

B. Tech. Mechanical Engineering

IV Year

II Semester

S. No.	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
		T	P	D		Int.	Ext.	Total
1.	Management Information Systems	4	-	-	3	30	70	100
2.	Green Energy & Systems	4	-	-	3	30	70	100
3.	Departmental Elective – III	4	-	-	3	30	70	100
4.	Departmental Elective – IV	4	-	-	3	30	70	100
5.	Project Work	-	-	-	9	60	140	200
Total		16	-	-	21	-	-	600

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LIST OF ELECTIVES

Open Electives:

1. Micro Electro Mechanical Systems
2. Material Handling Equipment
3. Nanotechnology

Department Elective 1:

1. Automobile Engineering
2. Methods Engineering and Work Design
3. Quality and Reliability Engineering
4. Advanced Foundry and Welding Technology

Department Elective 2:

1. Refrigeration & Air Conditioning
2. Automation in Manufacturing
3. Industrial Hydraulics & Pneumatics
4. Total Quality Management

Department Elective 3:

1. Non-destructive Testing Methods
2. Machine Vision & its Applications
3. Gas Dynamics & Jet Propulsion
4. Mechatronics

Department Elective 4:

1. Production Planning and Control
2. Advanced Optimization Techniques
3. Computational Fluid Dynamics
4. Tool Design

MOOCS:

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