






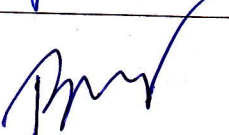
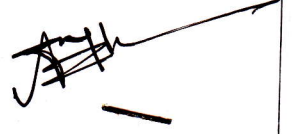


MEMBERS OF THE BOARD OF STUDIES

Meeting held at 1.45 PM on Sunday (07/05/2017) at Institute premises at Rajampet

S.No	Name of the Member	Designation	Signature
1	Dr. Venkatachalapathi.N Professor & Head Dept. of Mechanical Engineering, Annamacharya Institute of Technology and Sciences, Rajampet.	Chairman, Board of Studies	
External Experts			
2	Dr. G.Padmanaban, Ph.D (IIT Delhi) Professor & Vice Principal Dept of Mechanical Engineering, Sri Venkateswara University, Tirupati.	Academic Expert	
3	Dr. Jayachandra Reddy, Ph.D. (SVU, Tirupati) Professor, Dept of Mechanical Engineering Yogivemana University, Kadapa.	Academic Expert	— Ab —
4	Dr. B. Sudhir Prem kumar.Ph.D., Professor , Dept of Mechanical Engineering, JNTUH,Hyderabad.	Academic Expert	— Ab —
5	Mr. Visweswar Rao DGM Vizag Steel Plant Vishakhapatnam	Industry Expert	— Ab —
6	Mr.C.Bharath Kumar Research Engineer, Hyundai Motor India Engineering Hyderabad	Alumni Representative	— Ab —
Internal Experts			
7	Dr.G.Prabhakar Rao, Ph.D (IITM, Chennai) Director and Professor – Dept. of Mechanical Engineering, Annamacharya Institute of Technology and Sciences, Rajampet.	Member	
8	Prof.N.Sivarami Reddy. Professor – Dept. of Mechanical Engineering, Annamacharya Institute of Technology and Sciences, Rajampet.	Member	
9	A.Hemanth Kumar Associate Professor – Dept. of Mechanical Engineering, Annamacharya Institute of Technology and Sciences, Rajampet.	Member	
10	RVNR Surya Prakash Associate Professor – Dept. of Mechanical Engineering, Annamacharya Institute of Technology and Sciences, Rajampet	Member	
11	M.Maruthi Prasad Associate Professor – Dept. of Mechanical Engineering, Annamacharya Institute of Technology and Sciences, Rajampet	Special invitee	
12	B.Santhosh Kumar Assistant Professor – Dept. of Mechanical Engineering, Annamacharya Institute of Technology and Sciences, Rajampet	Member	
13	K.Ajay Kumar Reddy Assistant Professor – Dept. of Mechanical Engineering, Annamacharya Institute of Technology and Sciences, Rajampet	Member	

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES RAJAMPET

Department of Mechanical Engineering

Minutes of the 8th Board of Studies meeting held on 7-05-2017

The 8th Board of Studies for the B.Tech.M.Tech – Mechanical R2017 Regulation was held in the Department of Mechanical Engineering, AITS, Rajampet.

Chair Person

1. Dr N.Venkatachalapathi, Ph.D., (SVU Tirupati) Professor & Head – Mechanical, AITS, RAJAMPET

Academic Experts

2. Dr G.Padmanabhan, Ph.D (IIT Delhi) , Professor and Vice Principal, SVUniversity , Tirupati
3. Dr G.Jayachandra Reddy, Ph.D.(SVU Tirupati), Professor, Dept.of Mechanical, Yogi Vemana University, Kadapa
4. Dr.B.Sudhir Prem Kumar, Ph.D(JNTUH), Professor, Dept. of Mechanical Engg, JNTUH, Hyderabad

Industry Expert

5. Mr. Visweswara Rao, DGM, Vizag Steel Plant, Visakhapatnam,

Alumni Representative

6. Mr. C.Bharath kumar- Mechanical, Research Engineer, Hyundai Motor India engineering, Hyderabad.

Internal Members

7. Dr. G.Prabhakar Rao, Ph.D., (IITM, Chennai) Professor and Dean Academics and Exams, AITS, Rajampet.
8. Prof.N.Sivarami Reddy Professor , Dept.of Mechanical Engg., AITS, Rajampet.
- 9.. Mr.A.Hemanth Kumar, Associate Professor , Dept.of Mechanical Engg., AITS, Rajampet
10. Mr.M.Maruthi Prasad, Associate Professor , Dept.of Mechanical Engg., AITS, Rajampet
11. Mr.RVNR.Surya Prakash, Associate Professor , Dept.of Mechanical Engg., AITS, Rajampet
12. Mr.B.Santhosh kumar, Assistant Professor , Dept.of Mechanical Engg., AITS, Rajampet
13. Mr.K.Ajay Kumar Reddy, Assistant Professor , Dept.of Mechanical Engg., AITS, Rajampet

Dr N.Venkatachalapathi, Professor & Head, Mechanical Engineering Department & Chairman of the Board of Studies welcomed the members. All the members also introduced themselves before the starting of the meeting.

The Chairman explained the Vision and Mission of the Department, PEOs & POs and its impact on the new curriculum. He also requested the members to give their open views to tune the curriculum and syllabus to the expectations of the Industry segment.

The following is the agenda of the 8th BOS.

Agenda No	Agenda
8 BoS - 01	Course Structure
8 BoS - 02	Discussion on Vision and Mission of the Department, PEOs, POs and its impact
8 BoS - 03	Discussion on Curriculum and syllabus
8 BoS - 04	List of Question Paper Setter for the Theory Examinations
8 BoS - 07	List of Examiners for the Practical Examinations
8 BoS - 08	Any other items

The following is the minutes of the meeting Regulation R 17 Course Specific

Sl.No	Course	Particulars
1	Engineering Graphics - 2	<ol style="list-style-type: none"> 1. Remove Interpenetration of Cylinder vs Cone 2. Remove in Isometric projection Plane figures.
2	Metallurgy and Material Science	<ol style="list-style-type: none"> 1. Add Text book as Material science and metallurgy by Kodgire. 2. Title should be Equilibrium diagrams instead of Equilibrium of Diagrams 3. Reduce in Cu-Ni, Al-Cu equilibrium diagrams 4. In Unit-4 Add introduction to surface Engineering (Coatings) – Diffusion and mechanical coatings. 5. Remove Electric furnace process in Unit-5. 6. Add Powder metallurgy in unit-5 7. Remove cryogenic treatment in unit 4
3	Manufacturing Technology	<ol style="list-style-type: none"> 1. Types of welds – Add Forward and Backward 2. Add Text book Workshop technology by Hazra choudary Volume -1. 3. Add Lindberg as Text book instead of reference book
4	Machine Tools	<ol style="list-style-type: none"> 1. Remove Unit 3 Title 2. In unit 5 remove Jigs and fixtures in title 3. Add Text book Lindberg 4. Hazra choudary volume 2 add to Text book
5	Industrial Management	<ol style="list-style-type: none"> 1. In 2 unit Remove matrix approach 2. Remove inspection and quality control unit Shifted to Metrology. 3. Removed marketing from unit 5 and added to unit 4.
6	Metrology and Surface Engineering	<ol style="list-style-type: none"> 1. Change title as Engineering Metrology 2. Add Inspection and quality control unit 3. Remove Alignment test 4. Remove surface engineering and add in some topics in Metallurgy and material science 5. CMM shifted to unit 5 under Inspection and quality control. 6. ADD two wire and three methods add clearly in the Unit 4. 7. Determination of best wire size in screw thread measurement.
7	Operations Research	<ol style="list-style-type: none"> 1. Remove job sequencing methods in unit 2. 2. Rearranging the topics: replacement models and theory of games. 3. Remove dynamic programming in unit 5. 4. In Unit 4 add some topics on queuing models, introduction to simulation. 5. Unit 5 – inventory system: ADD some topics ABC analysis, P & Q system, sampling techniques. 6. Quantitative techniques for industrial management (Add textbook) by vohra.
8	Production Operations & Management	<ol style="list-style-type: none"> 1. Remove buffa textbook and Add books, O. Pannerselvam 2. S.N. Chary mark it as main textbook. 3. Remove textbooks in references martin k star, john biegan. 4. Remove inventory management in UNIT 3 5. Add job sequencing in UNIT 4 6. Remove general principles of forecasting in Unit 1

The BOS Chairman and Secretary thanked all the external members for their contribution in developing a quality curriculum and syllabus and requested their cooperation always. He also thanked all module coordinators and faculty members for the dedicated contribution.

Secretary – BOS

(Prof.N.Sivarami Reddy)

Professor in Mech.Engg.

Chairman – BOS

(Dr.N.Venkatachalapathi)

Professor and Head