

GLAU/ME/BOS/2018-19

Institute of Engineering & Technology
Department of Mechanical Engineering

July 19, 2018

Agenda for the 11th meeting of the Board of Studies

The agenda of the meeting will be as follows:

Item No. 11.1: To confirm the minutes of 10th Board of Studies meeting.

Item No. 11.2: To consider and recommend the value-added courses for B. Tech program.

Item No. 11.3: To consider and recommend introduction of new courses in the existing Programmes.

Item No. 11.4: To consider and recommend the courses having focus on employability/ entrepreneurship/ skill Development.

Item No. 11.5: To consider and recommend restructuring and updation the syllabus of B. Tech and M. Tech Programs.

S.N.	Programme	Number of courses under consideration for revision	Name of the courses under consideration for revision
1	B.Tech. Mechanical Engineering	3	(1) Manufacturing Science I (2) Fluid Machinery, (3) Internal Combustion Engine,
2	M.Tech. Mechanical Engineering (Design)	1	Computer-Based Numerical Techniques and Soft Computing
3	M.Tech. Mechanical Engineering (Production)	1	Computer-Based Numerical Techniques and Soft Computing

Item No. 11.6: To consider and approve courses recommended by Training & Development Department

Item No. 11.7: To consider and recommend the Course structure and Syllabuses of Choice Based Credit System (CBCS) System for M. Tech Program.

Item No. 11.8: Any other item with the permission of chair.

(Prof. Piyush Singhal)

Head, Dept. of Mech. Engg. & Chairperson, BoS

CC to:

The Vice-Chancellor
Director, IET
All concerned persons

Prof. PIYUSH SINGHAL
Head, Dept. of Mech. Engg
GLA University, Mathura

**MINUTES OF 11TH MEETING
OF
BOARD OF STUDIES (BOS)**

**DEPARTMENT OF
MECHANICAL
ENGINEERING**



GLA
UNIVERSITY
MATHURA
Established vide U.P. Act 21 of 2010.

JULY 21ST, 2018

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GLAU/ME/BOS/2018-19

Institute of Engineering & Technology
Department of Mechanical Engineering

July 19, 2018

Minutes of the 11th meeting of the Board of Studies

Members Present:

1. Prof. Piyush Singhal	Chairperson & Head of the Department
2. Mr. A. Raziq Malik	DGM – HR & Admin, Varun Beverages Limited, Chhata, Distt. Mathura (UP)
3. Prof. P.K. Srivastava	Member
4. Dr. Manoj Kumar Agrawal	Member
5. Dr. Vijay Kumar Dwivedi	Member
6. Dr. Kuldeep Kumar Saxena	Member
7. Dr. Sujit Kumar Verma	Member
8. Mr. Vikas Sharma	Member
9. Mr. Avdesh Kumar Sharma	Member
10. Mr. Rajkumar Sharma	Member
11. Mr. Sanjeev Kr. Gupta	Member

The Chairman Board of Studies welcomed all the members and started proceedings of the 11th meeting of BoS in accordance with the Agenda note circulated earlier.

Item No. 11.1: To confirm the minutes of 10th Board of Studies meeting.

The minutes of the meeting of 10th BoS held on June 3rd, 2017 were implemented. **(Annexure A)**

Item No. 11.2: To consider and recommend the value-added courses for B. Tech program.

The experts discussed and recommended the list of value-added courses **(Annexure - B)**.

Item No. 11.3: To consider and recommend introduction of new courses in the existing Programmes. Based on the feedback of various stakeholders (Faculty, Alumni, Corporate and students) the list of new courses discussed with the experts. After thorough discussion Board approved the same. **(Annexure C)**.

Item No. 11.4: To consider and recommend the courses having focus on employability/ entrepreneurship/ skill Development.

The experts discussed and recommend the courses having focus on employability/ entrepreneurship/skill Development of the students **(Annexure - D)**.

Item No. 11.5: To consider and recommend restructuring and updation the syllabus of B. Tech and M. Tech Programs:

Based on the feedback received from students, faculty, employers & alumni the revision/ upgradation/ modification in syllabus of existing courses in various Programmes is proposed as follows **(Annexure - E)**.

[Handwritten Signature]

S.N.	Programme	Number of courses under consideration for revision	Name of the courses under consideration for revision
1	B.Tech. Mechanical Engineering	3	(1) Manufacturing Science I (2) Fluid Machinery, (3) Internal Combustion Engine,
2	M.Tech. Mechanical Engineering (Design)	1	Computer-Based Numerical Techniques and Soft Computing
3	M.Tech. Mechanical Engineering (Production)	1	Computer-Based Numerical Techniques and Soft Computing

Members considered and approved the same(*Annexure –F*).

Item No. 11.6: To consider and approve courses recommended by Training & Development Department

Training & Development Department of the University recommended to get the syllabi of few courses approved in the Board of Studies Meeting of the department. Same was presented in front of the board. After due discussions, the board approved the same whose details are as follows:

Year & Semester	Code & Title of the Course
II Year, III Sem	BTDH 0301: Soft Skills - I
II Year, IV Sem	BTDH 0302: Soft Skills - II

Item No. 11.7: To consider and recommend the Course structure and Syllabuses of Choice Based Credit System (CBCS) System for M. Tech Program.

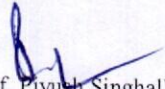
The experts discussed and recommend the Course structure and Syllabuses of Choice Based Credit System (CBCS) System for M. Tech Program.

(*Annexure – F*)

Item No. 11.8: Any other item with the permission of chair.
No item has been reported. The Chairman Board of Studies extends thanks to all the members.

CC to:

The Vice-Chancellor
Director, IET
All concerned persons


(Prof. Piyush Singhal)
Head, Dept. of Mech. Engg. &
Chairperson, BoS

Prof. PIYUSH SINGHAL
Head, Dept. of Mech. Engg
GLA University, Mathura

Annexure C

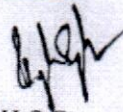
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List of new courses introduced

S.No.	Name of the Course
1	Measurement and Metrology
2	Manufacturing Science -I
3	Applied Thermodynamics
4	Kinematics of Machine
5	Measurement & Metrology Lab
6	Manufacturing Science -I Lab
7	Machine Drawing Lab
8	Soft Skills- II
9	Fluid Machinery
10	Fluid Machinery Lab
11	Fluid Mechanics
12	Material Science
13	Strength of MaterialsB
14	Fluid Mechanics Lab
15	Materials Science & Testing Lab
16	Electrical Machines & Automatic Control
17	Electrical Machines & Automatic Control Lab
18	Soft Skills – I
19	Dynamics of Machine
20	Theory of Machine Lab
21	English for professional purpose I
22	English for professional purpose II
23	Ethics and values
24	Engineering Mathematics – III
25	Environment studies
26	Computer Aided Manufacturing (CAM)
27	Simulation, Modeling and Analysis
28	Simulation, Modeling and Analysis Lab
29	Advanced Production Technology
30	Optimization for Engineering Design
31	Finite Element Method (FEM)
32	Finite Element method Lab (FEM)
33	Industrial Tribology
34	Theory of Elasticity and plasticity
35	Machine tool Design
36	Interfacial Tribology
37	Competitive Manufacturing Strategies and Group Technology
38	Numerical Techniques and Soft Computing
39	Metal Working Tribology
40	Production Toolings
41	Accuracy Inspection and Measurements
42	Value Engineering & Cost Control
43	Optimization Techniques

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44	Advanced Mechanics of Solids
45	Nano Technology & its Applications
46	Reliability & Maintenance
47	Advanced Heat Transfer Processes
48	Composite Materials & its Applications
49	Advanced Welding Processes And Applications
50	Industrial Automation and Robotics
51	Research Methodology
52	Applied Mechanics
53	Applied Mechanics Lab
54	Engineering Drawing
55	Engineering Workshop Practice Lab
56	Computer Programming
57	Basic Electrical
58	Electronics Engineering
59	Electronics Lab I
60	English Language Skills for Communication – I
61	English Language Lab – I
62	Computer Programming Lab
63	Electrical Simulation lab
64	English Language Lab - II
65	Computer aided drafting lab
66	Basic Mechanical Engineering
67	Engg. Mathematics I
68	Engineering physics
69	Engineering Chemistry
70	Engineering physics lab
71	Engineering Chemistry lab
72	Engg. Mathematics II
73	Electrical Engineering lab
74	Industrial Management
75	Six Sigma & Applications
76	Project Management
77	Smart Materials


H.O.D

Prof. PIYUSH SINGHAL
Head, Dept. of Mech. Engg
GLA University, Mathura