

**MINUTES OF 6th MEETING
OF
BOARD OF STUDIES (BOS)**

**DEPARTMENT OF
CIVIL ENGINEERING
(INSTITUTE OF ENGINEERING &
TECHNOLOGY)**



MARCH 27, 2017

CIVIL ENGINEERING DEPARTMENT
GLA UNIVERSITY, MATHURA UTTAR PRADESH

March 28, 2017

Minutes of the 6th meeting of the BOS held on 27th March 2017

The sixth meeting of the Board of Studies of the Department of Civil Engineering was held on 27th March 2017 in Room 121, Bloc VIII from 10 am onwards.

Members present: Prof. Sarvesh Chandra, Prof. K.G. Sharma, Prof. Ashu Jain, Mr. R.B. Singh, Mr. Raisul Islam, Mr. Hemant Singh Parihar, Mr. Mohit Kumar Sharma.

Agenda Item-6.1: To confirm the minutes of the fifth meeting of the Board of Studies held on June 23, 2016.

The minutes of the meeting of 5th BoS held on June 23, 2016 were implemented.

Agenda Item-6.2: To report the action taken on the minutes of 8th meeting of Board of Studies held on June 23, 2016.

Approved by Academic Council and implemented. No action pending.

Agenda Item-6.3: The Head of the Department brief the committee members about the Choice Based Credit System (CBCS) being adopted by GLA University.

Agenda Item-6.4: To consider and approve introduction of new courses in the existing programmes.

Based on the feedback of various stakeholders (students, faculty, Alumni, employer) department presented details of new courses to be introduced. After thorough discussion Board approved the same. (Annexure-I)

Agenda Item-6.5: To consider and approve the modification/ upgradation/ revision in syllabus of existing courses.

Based on the feedback received from of various stakeholders (students, faculty, Alumni, employer) the revision/ upgradation/ modification in syllabus of existing courses in various programmes is proposed as follows:

Programme	No. of courses under consideration for revision	Name of courses under consideration for revision

B.Tech (Civil Engineering)	4	<ul style="list-style-type: none"> • Mechanics of Solids • Mechanics of Fluid • Open Channel Hydraulics • Engineering Geology
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Members considered and approved the same.

Syllabus of the above courses are enclosed as annexure II

Agenda Item 6.6: To Consider redistribution of course syllabus among modules I, II and III of UG and PG courses.

The course structure of the UG programme was discussed in detail and following points emerged:

(a) Number of elective courses in the programme is too small and the number should be increased to make it more flexible.

(b) Humanities courses should be increased.

(c) Surveying course contents should be relooked at.

(d) Some lectures in the drawing course should be included to explain the concepts.

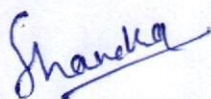
Workshop practices course should be revised.

(e) The issue relating to the module wise uneven distribution of some course contents in the UG programme was discussed. It was agreed that the Department will look at this aspect in detail and will bring a proposal in the next meeting.

Agenda Item 6.7: To consider & approve the list of courses having focuses on Skill development/ Entrepreneurship/ Employability.

The members considered and approved the list of courses having focuses on Skill development/ Entrepreneurship/ Employability courses in relevant programme. (Annexure- III)

The meeting ended with a vote of thanks to the chair.



Dr. Sarvesh Chandra
Head of Department

Enclosures.: As above

CC : PA to Chancellor for kind information of the Chancellor
PA to Pro-Chancellor for kind information of the Chancellor
PA to Vice Chancellor for kind information of the Vice- Chancellor
PA to Pro-Vice Chancellor for kind information of the Pro-Vice Chancellor
Registrar
Dean Academics
Controller of Examination
Members of the Board of Studies

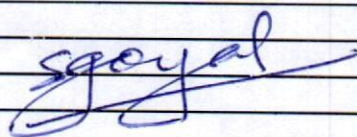
ANNEXURE III

GLA University, Mathura
Department of Civil Engineering

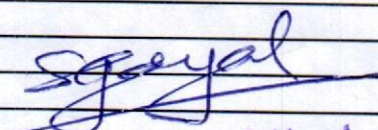
Annexure -III

List of courses having focus on employability/ entrepreneurship/ skill development offered by the Department

S.No.	Name of the Course	Focus on Employability/ Entrepreneurship/ Skill development
1	Engineering Mathematics – I	Skill development
2	Engineering Physics – I	Skill development
3	Engineering Chemistry	Skill development
4	Fundamentals of Computer & Programming	Skill development
5	Basic Mechanical Engineering	Skill development
6	Applied Mechanics	Skill development
7	Electrical Engineering	Skill development
8	Electronics Engineering	Skill development
9	English Language skills for communication-I	Skill development
10	Engineering Mathematics – II	Skill development
11	Problem Solving using Computers	Skill development
12	English Language Skills for Communication-II	Skill development
13	English Language Lab-I	Skill development
14	Engineering Workshop Practice Lab	Skill development
15	Engineering Drawing	Skill development
16	Engineering Physics Lab	Skill development
17	Engineering Chemistry Lab	Skill development
18	Computer Programming Lab-I	Skill development
19	Electrical & Electronics Lab	Skill development
20	Applied Mechanics Lab	Skill development
21	English Language Lab – II	Skill development
22	Engineering Drawing	Skill development
23	Engineering Workshop Practice Lab	Skill development
24	Computer Programming Lab-II	Skill development
25	Electrical & Electronics Lab	Skill development
26	Mathematics – III	Skill development
27	Environmental Studies	Skill development
28	Soft Skills – I	Skill development
29	Soft Skills – II	Skill development
30	Soft Skills-III	Entrepreneurship
31	Industrial Economics-I	Entrepreneurship
32	Soft Skills – IV	Skill development
33	Industrial Management	Skill development
34	Non Conventional Energy Resources	Employability
35	Mechanics of Solids	Employability
36	Mechanics of Fluids	Employability
37	Engineering Geology	Employability
38	Surveying and Geo-informatics	Employability
39	Fluid Mechanics Laboratory	Employability
40	Basic CAD Laboratory	Skill development
41	Surveying Laboratory	Skill development
42	Structural Analysis – I	Skill development
43	Open Channel Hydraulics	Employability
44	Civil Engineering Materials	Employability


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45	Water Supply Engineering	Employability
46	Channel Hydraulics Laboratory	Skill development
47	Structural Analysis Laboratory	Skill development
48	Building Materials and Concrete Laboratory	Skill development
49	Concrete Structures-I	Employability
50	Structural Analysis – II	Employability
51	Waste Water and Solid Waste Management	Employability
52	Quantity Survey and Estimation	Employability
53	Geotechnical Engineering-I	Employability
54	Geotechnical Engineering Laboratory	Skill development
55	Water and Waste Water Analysis Laboratory	Skill development
56	Cad Laboratory	Skill development
57	Engineering Survey Camp *	Employability
58	Concrete Structures II	Employability
59	Engineering Hydrology	Employability
60	Geotechnical Engineering– II	Employability
61	Transportation Engineering – I	Employability
62	Building Planning and Construction	Employability
63	Structural Detailing Lab	Skill development
64	Transportation Engineering Laboratory	Skill development
65	Construction Engineering Laboratory	Skill development
66	Steel Structures I	Skill development
67	Water Resources Engineering	Employability
68	Transportation Engineering –II	Employability
69	Industrial Training	Employability
70	Project	Employability
71	Construction Technology and Management	Employability
72	Earthquake Resistant Design	Employability
73	Steel Structures II	Employability
74	Project	Employability
75	Matrix Analyses of Structures	Employability
76	Hydropower Engineering	Employability
77	Ground Improvement Engineering	Employability
78	Transportation Systems and Planning	Employability
79	Rural Water Supply and Sanitation	Employability
80	Modern Surveying Techniques	Employability
81	Finite Element Method	Employability
82	Hydraulic Structures	Employability
83	Earth and Earth Retaining Structures	Employability
84	Environmental Management for Industries	Employability
85	Machine Foundation Design	Employability
86	Plastic Analyses of Structures	Employability
87	Advanced Foundation Design	Employability
88	Town Planning and Architecture	Employability
89	Industrial Pollution Control and Environmental Audit	Employability
90	Ground Water Management	Employability
91	Fluvial Hydraulics	Employability
92	Advanced Concrete Designs	Employability
93	Surveying and Geoinformatics	Employability
94	Surveying Laboratory	Employability
95	Geoinformatics Laboratory	Employability
96	Basic CAD Laboratory	Employability
97	Advanced Mechanics of Solids	Employability



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98	Advanced Structural Analysis	Employability
99	Advanced Design of Metal Structures	Employability
100	Numerical Analysis & Computer Programming	Employability
101	Structural Dynamics	Employability
102	Finite Element Method	Employability
103	Advanced Concrete Design	Employability
104	Earthquake Resistant Design	Employability
105	Concrete Technology Laboratory	Skill development
106	Dissertation-I	Employability
107	Seminar	Employability
108	Dissertation -II	Employability
109	Non Conventional Construction Materials and Elements	Employability
110	Advanced Concrete Technology	Employability
111	Advanced Design of Bridges	Employability
112	Experimental Stress Analysis	Employability
113	Soft Computing Methods for Civil Engineering	Employability
114	High Rise Structures	Employability
115	Durability Assessment and Structural Strengthening of Reinforced Concrete	Employability
116	Soil Structure Interaction	Employability
117	Optimization Methods in Civil Engineering	Employability

S. S. J. J.

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