

**MINUTES OF 8th MEETING
OF
BOARD OF STUDIES (BOS)**

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



JULY 21, 2018

CIVIL ENGINEERING DEPARTMENT

GLA UNIVERSITY MATHURA UTTAR PRADESH

July 21, 2018

Minutes of the meeting of BOS held on 21 July 2018

The Eighth meeting of Board of Studies of the Department of Civil Engineering was held on 21st July 2018 in Room No 121, Block VIII from 11:00 AM onwards.

Members present:

Prof Sudhir Goyal,
Dr. C.L.Verma,
Dr. S.K.Singh,
Er. Arvind Mittal,
Dr. Nakul Gupta
Mr. Mohit Verma,

Agenda Item-8.1: To confirm the minutes of seventh meeting of the board of studies held on December 22nd, 2017.

The minutes of the meeting of 7th BoS held on December 22nd, 2017 were implemented.

Agenda Item-8.2: To report the action taken on the minutes of 7th meeting of Board of Studies held on December 22nd, 2017.

Approved by Academic Council and implemented. No action pending

Agenda Item-8.3: To consider and approve the modification/ upgradation/ revision in syllabus of existing courses.

On the basis of feedback received from 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"> Concrete Structures-I Quantity Survey and Estimation Engineering Hydrology Construction Technology and Management

Members considered and approved the same

Syllabus of the above courses are enclosed as annexure I

Agenda Item-8.4: 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-II)

Agenda Item-8.5: 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

(Annexure III)

Agenda Item-8.7: To Consider & approve introduction of course curriculum of B.Tech Civil Engineering as per CBCS.

The BOS recommend and approved the Introduction of course curriculum of B.Tech Civil Engineering as per CBCS. Detailed course structure and syllabus is attached in Annexure -IV

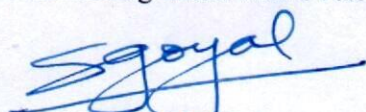
Agenda Item-8.8: To consider & approve the list of courses having focuses on Skill development/ Entrepreneurship/ Employability

The member considered and approved the list of courses having focuses on Skill development/ Entrepreneurship/ Employability courses in relevant programme mentioned in Annexure- V

Agenda Item-8.9: The Course structure of Programme Elective in CBCS was discussed in detail and following points emerged:

- To introduce Environmental Engineering group and not to merge it with Water Resource Engineering.
- Environmental Engineering syllabus of Programme Core should be relooked
- Construction Planning and Management should be merged in Structure Engineering Group
- Reduce Transportation Group electives

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



Dr. SUDHIR GOYAL
Professor and Head

Enclosures.: As above

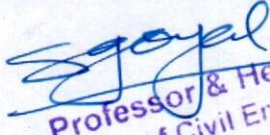
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Members of the Board of Studies

ANNEXURE V

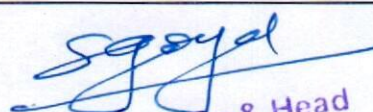
GLA University, Mathura
Department of Civil Engineering
Annexure -V

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 Chemistry	Skill development
3	Engineering Physics	Skill development
4	English Language Skills for Communication - I	Skill development
5	Basic Mechanical Engineering	Skill development
6	Engineering Mathematics II	Skill development
7	English Language Skills for Communication - II	Skill development
8	Basic Electrical Engineering	Skill development
9	Fundamental of Mechanics	Skill development
10	Engineering Physics Laboratory	Skill development
11	English Language Laboratory - I	Skill development
12	Engineering Workshop Practice Laboratory	Skill development
13	Engineering Chemistry Laboratory	Skill development
14	English Language Laboratory - II	Skill development
15	Electronics Laboratory	Skill development
16	Electrical Engineering Laboratory	Skill development
17	Computer Programming Laboratory	Skill development
18	English for Professional Purposes -I	Skill development
19	Engineering Mathematics	Skill development
20	Computer Programming	Skill development
21	Soft Skills-I	Skill development
22	English for Professional Purposes -II	Skill development
23	Soft Skills-II	Skill development
24	Soft Skills - III	Skill development
25	Soft Skills - IV	Skill development
26	Industrial Management	Skill development
27	Non Conventional Energy Resources	Skill development
28	Surveying and Geoinformatics	Entrepreneurship
29	Surveying Laboratory	Entrepreneurship
30	Geoinformatics Laboratory	Skill development
31	Basic CAD Laboratory	Skill development
32	Mechanics of solids	Skill development
33	Structural analysis	Skill development
34	Concrete Structure	Employability
35	Steel Structure	Employability
36	Quantity Surveying and Estimation	Employability
37	Geoinformatics	Employability
38	Mechanics of fluid	Employability
39	Open channel hydraulics	Employability
40	Water Resource Engineering	Employability
41	Geotechnical Engineering	Employability
42	Transportation Engineering	Employability
43	Environmental Engineering	Employability
44	Fluid Mechanics Laboratory	Employability
45	Structural analysis Laboratory	Skill development


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



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Metric No.	Descriptions	Agenda No.	Link
1.1.2	Percentage of Programmes where syllabus revision was carried out	9.4	Annexure II
1.1.3	Courses having focus on employability/entrepreneurship/skill development	9.5	Annexure IV
1.2.1	New courses introduced	9.6	Annexure III

**MINUTES OF 9th MEETING
OF
BOARD OF STUDIES (BOS)**

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



AUGUST 30, 2018

CIVIL ENGINEERING DEPARTMENT
GLA UNIVERSITY MATHURA UTTAR PRADESH

Aug 30, 2018

Minutes of the 9th meeting of BOS held on 30 Aug 2018

The Ninth meeting of board of studies of the department of Civil Engineering was held on 30th Aug 2018 in Room No 121, Block VIII from 11:00 A.M. onwards.

Members present Prof. Sudhir Goyal, Dr Rajesh Goyal, Dr. Nakul Gupta, Mr. Hemant Singh Parihar, Mr. Mohit Verma, and Mr. Raisul Islam.

Agenda Item-9.1: To confirm the minutes of Eighth meeting of the board of studies held on July 2, 2018.

The minutes of the meeting of 8th BoS held on 30th Aug 2018 were implemented.

Agenda Item-9.2: To report the action taken on the minutes of 8th meeting of Board of Studies held on July 2, 2018.

Approved by Academic Council and implemented. No action pending.

Agenda Item-9.3: The Head of Department will brief the committee members about M.Tech (Structural Engineering) being adopted by GLA University as per CBCS.

The Head of Department brief the committee members about the M.Tech (Structural Engineering) course being adopted by GLA University and the proposed structure of the Post Graduate programme in Civil Engineering as per CBCS. (Annexure I)

Agenda Item-9.4: To consider and approve the modification/ upgradation/ revision in syllabus of existing courses.

On the basis of feedback received from 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
M.Tech (Structural Engineering)	1	<ul style="list-style-type: none"> Non-Conventional Construction Materials & Elements

Members considered and approve the same.

Syllabus of the above courses are enclosed as annexure II

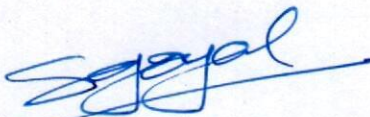
Agenda Item-9.5: To consider and approve introduction of new courses in the existing programmes.

On the basis of feedback received from various stakeholders (students, faculty, alumni, employer) department presented details of new courses to be introduced. After thorough discussion board approves the same. Annexure III

Agenda Item-9.6: To consider and approve the list of courses having focuses on Skill development/ Entrepreneurship/ Employability

The member considered and approved the list of courses having focuses on Skill development/ Entrepreneurship/ Employability in relevant programmes. (Annexure IV)

The meeting ended with a vote of thanks to the chair



Dr. SUDHIR GOYAL

Professor and Head

Enclosures.: As above

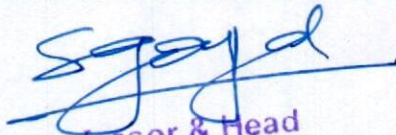
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ANNEXURE IV

GLA University, Mathura
Department of Civil Engineering
Annexure -IV

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	Advanced Mechanics Of Solids	Employability
2	Advanced Structural Analysis	Employability
3	Advanced Design Of Metal Structures	Employability
4	Numerical Analysis And Computer Programming	Employability
5	Structural Dynamics	Employability
6	Finite Element Method	Employability
7	Advanced Concrete Design	Employability
8	Earthquake Resistant Design	Employability
9	Design Of Prestress Concrete Structures	Employability
10	Cad Laboratory-I	Skill development
11	Advanced Concrete Technology	Employability
12	Concrete Technology Laboratory	Skill development
13	Advance Concrete Technology	Employability
14	High Rise Structures	Employability
15	Non-Conventional Construction Materials & Elements	Employability
16	Durability Assessment And Structural Strengthening Of Reinforced Concrete	Employability
17	Experimental Stress Analysis	Employability
18	Optimization Methods In Civil Engineering	Employability
19	Soil Structure Interaction	Employability
20	Theory Of Plates And Shells	Employability
21	Retrofitting Of Structures	Employability
22	Design Of Offshore And Marine Structures	Employability
23	Soft Computing Methods For Civil Engineering	Employability
24	Dissertation-I	Employability
25	Seminar	Employability
26	Dissertation –II	Employability
27	Non Conventional Construction Materials And Elements	Employability
28	Advanced Concrete Technology	Employability
29	Advanced Design Of Bridges	Employability
30	Experimental Stress Analysis	Employability
31	Soft Computing Methods For Civil Engineering	Employability
32	High Rise Structures	Employability
33	Durability Assessment And Structural Strengthening Of Reinforced Concrete	Employability
34	Soil Structure Interaction	Employability
35	Optimization Methods In Civil Engineering	Employability
36	Non Conventional Construction Materials & Elements	Employability
37	Advanced Concrete Technology	Employability
38	Research Methodolgy	Employability


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