

**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

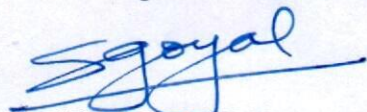
Agenda Item-8.8: To consider & approve the list of courses having focuses on Skill development/ Entrepreneurship/ Employability

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

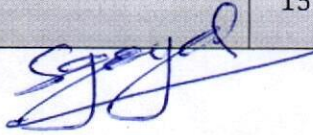
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Members of the Board of Studies

ANNEXURE IV

Annexure IV

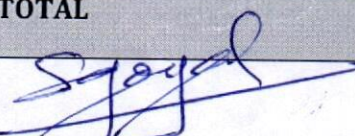
Semester I

S. NO.	CODE	SUBJECT	TEACHING SCHEME			CREDIT	CONTACT HRS/WK
			L	T	P		
THEORY							
1	BMAS 0101	Engineering Mathematics I	3	1	0	4	4
2	BCHS 0101/ BPHS 0001	Engineering Chemistry/ Engineering Physics	3	1	0	4	4
3	BELH0001	English Language Skills for Communication - I	2	0	0	2	2
4	BMEG 0001	Basic Mechanical Engineering	3	1	0	4	4
5	BCEG 0002	Surveying and Geoinformatics	4	1	0	5	5
PRACTICALS							
1	BCHS 0801/ BPHS 0801	Engineering Chemistry/ Engineering Physics Laboratory	0	0	2	1	2
2	BELH 0801	English Language Laboratory - I	0	0	2	1	2
3	BMEG 0800	Engineering Workshop Practice Laboratory	0	0	2	1	2
4	BCEG 0802	Surveying Laboratory	0	0	2	1	2
5	BCEG 0803	Geoinformatics Laboratory	0	0	2	1	2
TOTAL			15	4	10	24	29


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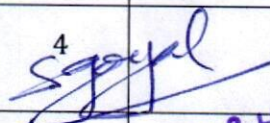
Semester II

S. NO.	CODE	SUBJECT	TEACHING SCHEME			CREDIT	CONTACT HRS/WK
			L	T	P		
THEORY							
1	BMAS 0102	Engineering Mathematics II	3	1	0	4	4
2	BPHS 0001/ BCHS 0101	Engineering Physics/ Engineering Chemistry	3	1	0	4	4
3	BELH 0002	English Language Skills for Communication - II	2	0	0	2	2
4	BECG 0001	Electrical Engineering	3	1	0	4	4
5	BCSG 0001	C Programming	4	1	0	5	5
6	BCEG 0001	Fundamental of Mechanics	3	1	0	4	4
PRACTICALS							
1	BPHS 0801/ BCHS 0801	Engineering Physics / Engineering Chemistry Laboratory	0	0	2	1	2
2	BELH 0802	English Language Laboratory - II	0	0	2	1	2
3	BECG 0800/ BEEG 0800	Electronics Laboratory/ Electrical Engineering Laboratory	0	0	2	1	2
4	BCSG 0800	C Programming Laboratory	0	0	2	1	2
5	BCEG 0800	Engineering Graphics Laboratory	0	0	2	1	2
TOTAL			18	5	10	28	33



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Program Core

NO	CODE	SUBJECT	TEACHING SCHEME				CREDIT	CONTACT HRS/WK	PREREQUISITE
			L	T	P	J			
1	BCEC 0001	Mechanics of solids	3	1	0	0	4	4	
2	BCEC 0002	Structural analysis	3	1	0	0	4	4	BCEC 0001
3	BCEC 0003	Concrete Structure	3	1	0	0	4	4	BCEC 0002
4	BCEC 0004	Design of Steel Structures	3	1	0	0	4	4	BCEC 0001
5	BCEC 0005	Quantity Surveying and Estimation	3	1	0	0	4	4	
6	BCEC 0006	Building Materials and Geology	3	0	0	0	3	3	
7	BCEC 0007	Construction Management and Equipments	3	0	0	0	3	3	
8	BCEC 0101	Mechanics of fluid	2	1	0	0	3	3	
9	BCEC 0102	Open channel hydraulics	2	0	0	0	2	2	BCEC 0101
10	BCEC 0103	Water Resource Engineering	2	1	0	0	3	3	BCEC 0101
11	BCEC 0201	Geotechnical Engineering	3	1	0	0	4	4	
12	BCEC 0301	Transportation Engineering	3	1	0	0	4	4	
13	BCEC 0401	Environmental Engineering	3	1	0	0	4	4	
PRACTICALS									
14	BCEC 0800	Fluid Mechanics Laboratory	0	0	2	0	1	2	
15	BCEC 0802	Structural analysis Laboratory	0	0	2	0	1	2	
16	BCEC	Structural Detailing	0	0	2	0	1	2	


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	0803	Laboratory							
17	BCEC 0804	CAD Laboratory	0	0	2	0	1	2	
18	BCEC 0806	Geotechnical Engineering Laboratory	0	0	2	0	1	2	
19	BCEC 0807	Transportation Engineering Laboratory	0	0	2	0	1	2	
20	BCEC 0808	Environmental Engineering Laboratory	0	0	2	0	1	2	
21	BCEC 0811	Channel Hydraulics Laboratory	0	0	2	0	1	2	
TOTAL			3 0	1 0	1 6	0	48	56	


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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

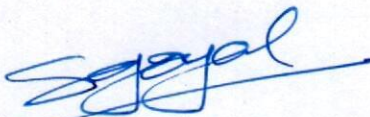
Agenda Item-9.5: To consider and approve introduction of new courses in the existing programmes.

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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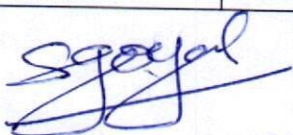
ANNEXURE I

Annexure - I
First Semester

S. NO.	CODE	SUBJECT	TEACHING SCHEME			CREDITS	CONTACTS HRS/WK
			L	T	P		
1	MCEC 1001	Advanced Mechanics of Solids	4	0	0	4	4
2	MCEC 1002	Advanced Structural Analysis	4	0	0	4	4
3	MCEC 1004	Numerical Analysis & Computer Programming	4	0	0	4	4
4	MCEC 0005	Structural Dynamics	4	0	0	4	4
5	MCEC 0009	Design of Prestress Concrete Structures	4	0	0	4	4
PRACTICALS							
1	MCEC 0801	Cad Laboratory-I	0	0	2	1	2
		TOTAL	20	0	2	21	22

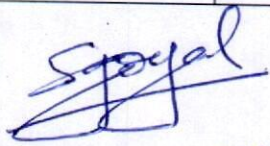
Second Semester

S. NO.	CODE	SUBJECT	TEACHING SCHEME			CREDITS	CONTACTS HRS/WK
			L	T	P		
1	MCEC 0006	Finite Element Method	4	0	0	4	4
2	MCEC1007	Advanced Concrete Design	4	0	0	4	4
3	MCEC 1008	Earthquake Resistant Design	4	0	0	4	4
4	MCEC 0010	Advanced Concrete Technology	4	0	0	4	4
5		Elective-I	4	0	0	4	4
PRACTICALS							
1	MCEC1800	Concrete Technology Laboratory	0	0	2	1	2
		TOTAL	20	0	2	21	22


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Program Elective

S. NO.	CODE	SUBJECT	TEACHING SCHEME			CREDITS	CONTACTS HRS/WK
			L	T	P		
1	MCEE 0003	Non-Conventional Construction Materials & Elements	4	0	0	4	4
2	MCEE 0004	High Rise Structures	4	0	0	4	4
3	MCEE 0005	Durability Assessment and Structural Strengthening of Reinforced Concrete	4	0	0	4	4
4	MCEE 0006	Experimental Stress Analysis	4	0	0	4	4
5	MCEE 0007	Soft Computing Methods for Civil Engineering	4	0	0	4	4
6	MCEE 0008	Optimization Methods in Civil Engineering	4	0	0	4	4
7	MCEE 0009	Soil Structure Interaction	4	0	0	4	4
8	MCEE 0010	Theory of Plates and Shells	4	0	0	4	4
9	MCEE 0012	Retrofitting of Structures	4	0	0	4	4
10	MCEE 0013	Advanced Design of Metal Structures	4	0	0	4	4
11	MCEE 0014	Design of Offshore and Marine Structures	4	0	0	4	4


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