

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

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



MAY 04, 2019

**CIVIL ENGINEERING DEPARTMENT
GLA UNIVERSITY MATHURA UTTAR PRADESH**

Minutes of the 11th Meeting of BOS 2108-19 held on Date: 04/05/2019

The eleventh meeting of board of studies of the department of Civil Engineering was held on 4th of May 2019 in Room N 121, Block VIII from 11 A.M. onwards.

Members present:

1. Prof. Sudhir Goyal
2. Dr. Rajesh Goyal Dean NICMAR, Bahadurgarh, NCR
3. Mr. Arvind Mittal, Chief Engineer, NR, Baroda House, New Delhi
4. Dr. Nakul Gupta
5. Mr. Atul Soni
6. Mr. Priyam Sharma

The Eleventh meeting for Academic Session 2018-19 was held on 4/5/19. The meeting was chaired by Prof Sudhir Goyal. The meeting started with welcome note to all members, especially to Prof Rajesh Goyal, Mr. Arvind Mittal and members from Civil Engineering Department by Prof Sudhir Goyal. The minutes were during the meeting were as follows

Agenda Item-11.1: To confirm the minutes of tenth meeting of the board of studies held on November 19th, 2018.

The minutes of meeting of 10th BOS held on November 19th, 2018 were implemented.

Agenda Item-11.2: To report the action taken on the minutes of Board of Studies held on November 19th, 2018

Approved by Academic Council and implemented. No action pending.

Agenda Item-11.3: 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)	6	<ul style="list-style-type: none"> • Airport Planning & Design • Structural analysis • Design of Reinforced Concrete Structure • Transportation Engineering • Transportation Systems and Planning • Hydraulic Structures.

Members considered and approved the same.

Syllabus of the above courses are enclosed as annexure I

Agenda Item-11.4: To consider and approve introduction of new courses in the existing programmes.

Based on the feedback of various stakeholders (Faculty, Alumni, Corporate and Students) department presented details of new courses to be introduced. After through discussion board approves the same. (Annexure II)

Agenda Item-11.5: Approval of the syllabus of CE Dept. new PG program of M.Tech in Transportation Engineering and syllabus to be adopted as per CBCS scheme.

Member of BOS approved the syllabus of CE Dept. new PG program of M.Tech in Transportation Engineering and syllabus to be adopted as per CBCS scheme. (Annexure III)

Agenda Item-11.6: Approval of the syllabus of CE Dept. new PG program of MBA in Construction Management and syllabus to be adopted as per CBCS scheme.

Member of BOS approved the syllabus of CE Dept. new PG program of MBA in Construction Management and syllabus to be adopted as per CBCS scheme. (Annexure IV)

Agenda Item-11.7: 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
III Year, V Sem	BTDH 0303, Soft Skills - III
III Year, VISEm	BTDH 0304, Soft Skills - IV

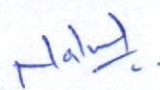
(Annexure V)

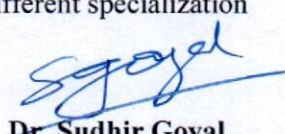
Agenda Item-11.8: To consider and approve the list of courses having focuses on Skill development/ Entrepreneurship/ Employability

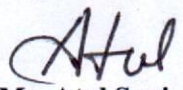
The members considered and approved the list of courses having focuses on Skill development/ Entrepreneurship/ Employability in relevant programme. (Annexure VI)

Agenda Item-11.9: The BOS suggested to break electives in MBA Construction Management syllabus in two different Semester.

Agenda Item-11.10: The BOS suggested to divide electives as per different specialization


Dr Nakul Gupta
Module Coordinator: MBA Construction Management


Dr. Sudhir Goyal
Head of Department


Mr. Atul Soni
Module Coordinator: M.Tech Transportation Engineering

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 II

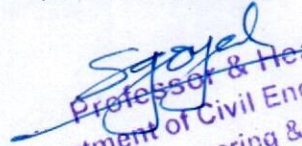
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Department of Civil Engineering

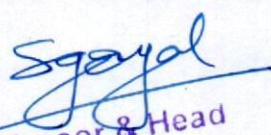
Annexure -II

Following courses have been introduced

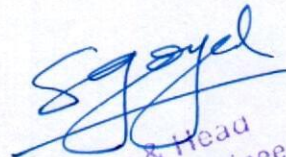
Programme	No. of courses introduced	Name of courses introduced
B.Tech. Civil Engineering	64	Soft Skills - III Soft Skills - IV Advanced Design of Steel Structure Bridge Engineering Advanced Design of Concrete Structure Matrix Analysis of Structure Plastic Analysis of Structure Construction Engineering Introduction to Earthquake Engineering Structural Dynamics Advanced Construction Engineering Earthquake Resistant Design Construction Engineering Laboratory Computational Laboratory for Seismic Analysis Construction Engineering Project Earthquake Resistant Design Project Foundation Engineering Ground Improvement Engineering Earth and Earth retaining structure Geotechnical Exploration & Measurement Technique Advanced Foundation Design Advanced Foundation Engineering Geosynthetic And Reinforced Soil Structures Foundation Engineering Laboratory Geosynthetics Testing Laboratory Foundation Engineering Project Geosynthetic And Reinforced Soil Structures Project Engineering Hydrology Ground Water Management Hydro Power Engineering Hydraulic Structures Introductory Rural water Supply Introduction to Climate Change studies Advanced Geoinformatics Applied Hydrology Advanced Climate Change and Modelling Advanced Water Treatment Technologies Applied Hydrology Laboratory Experimental Analysis of Climate Advanced Water Treatment Technologies Laboratory Applied Hydrology Project Climate Change Modelling Project Water Treatment Project Railway Engineering


 Professor & Head
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		<p> Basics of Transportation System and Planning Airport Planning and design Basics of Traffic Engineering Construction Technology & Management Transportation System and Planning Advanced Traffic Engineering Computer Aided Estimation & Planning Laboratory Traffic Simulation And Analysis Laboratory Traffic Engineering Laboratory Transportation System and Planning Project Advanced Traffic Engineering Project Mini Project - I Industrial Training Mini Project - II Finite Element Analysis Environmental Instrumentation And Analysis Environmental Impact Assessment Solid and Hazardous waste Management Environmental Sustainable Technologies Air Noise Pollution Control </p>
M.Tech. Civil Engineering (Structural Engineering)	5	<p> Construction Management And Equipments Introduction To Bridge Design Dissertation-I Cad Laboratory-II Dissertation -II </p>
M.Tech. Civil Engineering (Transportation Engineering)	22	<p> Pavement Analysis and Design Highway Soil Mechanics Numerical Methods and Applied Statistics Transportation Economics and Evaluation Advanced Railway Engineering Advanced Traffic Engineering Urban Transportation Planning Environmental Impact and Risk Assessment Ground Improvement Techniques Introduction to Remote Sensing and GIS Modelling, Analysis and Simulation Lab Application of Remote Sensing & GIS in Transportation Engineering Highway Construction, Quality Control and Maintenance Intelligent Transportation System Airport Planning and Design Advanced Concrete Technology Design of Reinforced Concrete Bridges Soil Structure Interaction Road Materials and New Innovations in Pavement Engineering Highway Construction Practice Finite Element Method Computer Aided Transportation Engineering Lab </p>


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MBA (Construction Management)	24	Project Management Construction Economics Quantity Surveying Marketing Management Construction Methods and Techniques Research Methodology Safety and Health Management Construction Equipment Management Business Communication-I Construction Materials Management Human Resource Management Building Science and Services Financial Management Conventional Construction Materials and Technology Tendering and Bidding Ground Improvement and Foundation Engineering Port Engineering and Construction Infrastructure Operations Management Urban Transport Planning Design and Management Urban Water and Waste Water Management Principles and Practices of Real Estate Management Urban Planning and Design Highway Project Development E-Business for Construction
Ph.D. Civil Engineering	3	Retrofitting of Structures Pavement Analysis and Design Numerical Methods and Applied Statistics


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