

**MINUTES OF 14<sup>th</sup> MEETING  
OF  
BOARD OF STUDIES (BOS)**

**DEPARTMENT OF  
COMPUTER ENGINEERING &  
APPLICATIONS**



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

**JUNE 12<sup>th</sup>, 2020**



## Department of Computer Engineering & Applications

GLAU/CEA/BOS/2019-20/01

12.06.2020

### Members Present:

- |  |                           |
|--|---------------------------|
| 1. Mr. Rajesh Singh, HCL Pvt. Ltd.           | 13. Dr. Hitendra Garg     |
| 2. Mr. Kishore Kunal, Alumni, Dragonlearn.in | 14. Dr. Suresh Raikwar    |
| 3. Mr. Suresh Singh, Director T&D            | 15. Dr. Ashish Sharma     |
| 4. Mr. Atul Bansal, CoE                      | 16. Dr. Nitin Tyagi       |
| 5. Dr. Pooja Pathak, Maths                   | 17. Dr. Shashi Shekhar    |
| 6. Prof. Anand Singh Jalal                   | 18. Dr. Rohit Agrawal     |
| 7. Prof. Charual Bhatnagar                   | 19. Dr. Mayank Srivastava |
| 8. Prof. Ashish Sharma                       | 20. Mr. Neeraj Gupta      |
| 9. Prof. Dilip Sharma                        | 21. Mr. Narendra Mohan    |
| 10. Prof. Diwakar Bhardwaj                   | 22. Mr. Saurabh Anand     |
| 11. Prof. Manoj Kumar                        | 23. Mr. Himanshu Sharma   |
| 12. Dr. Anant Ram                            | 24. Mr. Saurabh Singhal   |

The Chairman Board of Studies welcomed all the members and started proceedings of the 14<sup>th</sup> meeting of BoS in accordance with the Agenda note circulated earlier.

### **Agenda Item – 14.1: To confirm the minutes of the 13<sup>th</sup> BoS meeting**

*The minutes of the meeting of 13th BoS held on May 4th, 2019 were implemented and enclosed as Annexure A.*

### **Agenda Item – 14.2: Action Taken Report (ATR)**

*The ATR based on the minutes of the 13<sup>th</sup> BoS were presented.*

### **Agenda Item – 14.3: To consider inclusion of Industrial Internet of Things (IIoT) specialization with B. Tech. (Computer Science & Engg.) and approval of its course structure.**

*The experts and members of BoS critically observed and approved the course structure and syllabus for new specialization i.e. Industrial Internet of Things (IIoT), enclosed as Annexure B.*

### **Agenda Item – 14.4: To consider and approve changes in existing specialization for Cloud Computing and Virtualization.**

*The experts and members of BoS thoroughly checked and appraised the changes in the following courses of specialization for Cloud Computing and Virtualization, enclosed as Annexure C.*

Subjects	Change
Business Process Management (BCSE0504)	Merged as “Cloud and Business Process Management (BCSE0508)”
Cloud Management (BCSE0505)	
Cloud Security (BCSE0506)	Merged as “Cloud Security, Backup & Disaster Recovery(BCSE0509)”
Backup & Disaster Recovery (BCSE0507)	
Container Orchestration and Infrastructure Automation (BCSE0510)	New Inclusion
Devops (BCSE0511)	New Inclusion
Business Process Management Lab (BCSE0533)	Merged as “Cloud and Business Process Management Lab (BCSE0536)”
Cloud Management Lab (BCSE0534)	



Cloud Security Lab (BCSE0535)	Replace by "Cloud Security, Backup & Disaster Recovery Lab (BCSE0537)"
Container Orchestration and Infrastructure Automation Lab ( BCSE0538)	New Inclusion
DevOps Lab (BCSE0539)	New Inclusion

**Agenda Item – 14.5: To consider and approve change in existing MCA Programme as per AICTE.**

*As per the AICTE Handbook 2020-21 the Norms for Duration, Entry Level Qualifications of MCA Programme is to be changed from session 2020-21. The experts and members of BoS approved the TWO years MCA Programme. enclosed as Annexure D.*

**Agenda Item – 14.6: To consider and approve inclusion of variant of following two subjects to cater the student diversity.**

- BCSC0003: Database Management System
- BCSC0006: Data Structures & Algorithms

**Variants:**

- BCSC0014: Applied Database Management System
- BCSC0808: Applied Database Management System Lab
- BCSC0015: Applied Data Structures & Algorithms
- BCSC0809: Applied Data Structures & Algorithms Lab

*The experts and members of BoS critically observed and approved the variant of these courses, enclosed as Annexure E.*

**Agenda Item – 14.7: To consider and approve the shifting of Compiler Design from core subject to programme elective to accommodate more Programme Electives.**

*The experts and members of BoS approved the changes.*

**Agenda Item – 14.8: To consider and approve revised syllabi for the courses in B.Tech (CSE), B.Tech (CCV), B.Tech (DA), B.Tech (CSF) and B.Tech (IoT) programmes.**

*All the members of BoS thoroughly checked and appraised the feedback received from the various stakeholders (Faculty/Employer/Student/Alumni) and the revision/modification in syllabus of existing courses of various programmes is proposed as follows.*

Programme	No. of Courses under consideration for revision	Name of the Courses under consideration for revision
B.Tech (CSE)	11	<ul style="list-style-type: none"> <li>• Computer Network</li> <li>• Computer Organization</li> <li>• Computer Organization Lab</li> <li>• Operating System</li> <li>• Operating System Lab</li> <li>• Database Management Systems</li> <li>• Database Management Systems Lab</li> <li>• Data Structure and Algorithms</li> <li>• Data Structure and Algorithms Lab</li> <li>• Software Engineering</li> <li>• Theory of Automata and Formal Languages</li> </ul>
B.Tech (CSE) - CCV	11	<ul style="list-style-type: none"> <li>• Computer Network</li> <li>• Computer Organization</li> <li>• Computer Organization Lab</li> </ul>



		<ul style="list-style-type: none"> <li>• Operating System</li> <li>• Operating System Lab</li> <li>• Database Management Systems</li> <li>• Database Management Systems Lab</li> <li>• Data Structure and Algorithms</li> <li>• Data Structure and Algorithms Lab</li> <li>• Software Engineering</li> <li>• Theory of Automata and Formal Languages</li> </ul>
B.Tech (CSE) - DA	11	<ul style="list-style-type: none"> <li>• Computer Network</li> <li>• Computer Organization</li> <li>• Computer Organization Lab</li> <li>• Operating System</li> <li>• Operating System Lab</li> <li>• Database Management Systems</li> <li>• Database Management Systems Lab</li> <li>• Data Structure and Algorithms</li> <li>• Data Structure and Algorithms Lab</li> <li>• Software Engineering</li> <li>• Theory of Automata and Formal Languages</li> </ul>
B.Tech (CSE) - CSF	11	<ul style="list-style-type: none"> <li>• Computer Network</li> <li>• Computer Organization</li> <li>• Computer Organization Lab</li> <li>• Operating System</li> <li>• Operating System Lab</li> <li>• Database Management Systems</li> <li>• Database Management Systems Lab</li> <li>• Data Structure and Algorithms</li> <li>• Data Structure and Algorithms Lab</li> <li>• Software Engineering</li> <li>• Theory of Automata and Formal Languages</li> </ul>
B.Tech (CSE) - IoT	11	<ul style="list-style-type: none"> <li>• Computer Network</li> <li>• Computer Organization</li> <li>• Computer Organization Lab</li> <li>• Operating System</li> <li>• Operating System Lab</li> <li>• Database Management Systems</li> <li>• Database Management Systems Lab</li> <li>• Data Structure and Algorithms</li> <li>• Data Structure and Algorithms Lab</li> <li>• Software Engineering</li> <li>• Theory of Automata and Formal Languages</li> </ul>
B.Tech (CSE)- AIML	1	<ul style="list-style-type: none"> <li>• Introduction to Artificial Intelligence</li> </ul>

*The experts and members of BoS approved the same. The details of revised syllabi enclosed in Annexure F.*



**Agenda Item – 14.9: To consider and approve courses imparting employability/skill development/ entrepreneurship in the B.Tech (CSE), B.Tech (CSE) - CCV, B.Tech (CSE) - DA, B.Tech (CSE) - CSF, B.Tech (CSE) - IoT, B.Tech (CSE) - AIML, B.Tech (CSE) – IIoT, BCA, MCA and M.Tech programmes.**

*The experts and members of BoS approved the same. The details enclosed in Annexure G.*

**Agenda Item – 14.10: 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 present details of new courses to be introduced. After thorough discussion Board approved the same. The details enclosed in Annexure H.*

**Agenda Item – 14.11: To consider and approve course recommended by Training & Development Department**

*Training & Development Department of the University recommended to get the syllabus of one course 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	BCTH 0105: Soft Skills - V

**Agenda Item – 14.12: To consider and approve courses recommended by Research Cell of the University.**

*Research Cell of the University has recommended to get the syllabus of Research Methodology and Introduction of One New Course in Ph.D Programme approved in Board of Studies Meeting of the department, same was presented in front of the board. After due discussions board approved the same.*

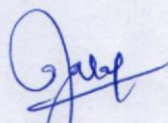
**Agenda Item – 14.13: To consider and approve modification in one course and to introduce one new course in PhD Programme, as recommended by the Research Cell of the University.**

*Research Cell of the University recommended modification in the Syllabus of "Research Methodology" Course as well as recommended to introduce "Research and Publication Ethics" course in PhD Programme from the Session 2020-21. Syllabi of both the courses were duly considered by the board and subsequently approved. The details enclosed in Annexure I.*

**Agenda Item – 14.14: Any other item with the permission of chair.**

*No item has been reported.*

The meeting ended with thanks to the Chair.



(A.S. Jalal)  
Head, CEA

Copy to: Chairman, Academic Council, Registrar, All the members of BoS



**MINUTES OF 13<sup>th</sup> MEETING  
OF  
BOARD OF STUDIES (BOS)**

**DEPARTMENT OF ELECTRONICS &  
COMMUNICATION ENGINEERING  
(INSTITUTE OF ENGINEERING &  
TECHNOLOGY)**



**JUNE 11, 2020**



## Department of Electronics & Communication Engineering

### Minutes of the meeting of the Board of Studies

The thirteenth meeting of the Board of Studies of Department of Electronics & Communication Engineering was held on June 11, 2020 at 11:00 AM in the Department of Electronics & Communication Engineering. Following members attended the meeting.

a) Members of the Department:

Prof. V. K. Deolia  
Prof. Vishal Goyal  
Prof. Atul Bansal  
Mr. Abhay Chaturvedi  
Dr. Aasheesh Shukla  
Dr. Vinay Kumar Tomar  
Mr. Anjan Kumar  
Dr. Manish Gupta  
Mr. Paresh Chandra Sau  
Mr. Manish Kumar  
Mr. Devendra Kumar  
Mr. Shelesh Krishna Saraswat

b) Co-opted member from other Department

Prof. Ashish Sharma

**Agenda Item-13.1:** To confirm the minutes of the 12<sup>th</sup> Board of Studies meeting Studies held on May 11, 2019

The minutes of the meeting of 12<sup>th</sup> BoS held on May 11, 2019 were implemented.

**Agenda Item-13.2:** To report the action taken on the minutes of 12<sup>th</sup> meeting of Board of Studies held on May 11, 2019

Approved by Academic Council and implemented. No action pending.



**Agenda Item-13.3:** 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:

rogramme	No. of courses under consideration for revision	Name of courses under consideration for revision
B.Tech (Electronics & Communication Engineering)	10	<ul style="list-style-type: none"> <li>• Long Term Evolution,</li> <li>• Bio-Medical Signal Processing,</li> <li>• Speech Processing,</li> <li>• Micro and Nano Devices</li> <li>• Spread Spectrum System,</li> <li>• Satellite Communication,</li> <li>• Digital Control System,</li> <li>• Integrated Circuit Technology,</li> <li>• Adaptive Control,</li> <li>• Information Theory and Coding,</li> </ul>
M.Tech. (Electronics & Communication Engineering)	1	<ul style="list-style-type: none"> <li>• Intelligent Systems and Control</li> </ul>

Members considered and approved the same.

(Annexure I)

**Agenda Item-13.4:** Based on the feedback of various stake holders (faculty, alumni, corporate and students) department presented details of new courses to be introduced. After through discussion board approves the same.

(Annexure-II)

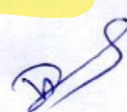
**Agenda Item-13.5.** To consider & approve the list of courses having focuses on Employability/Entrepreneurship/Skill Development

The members considered and approved the list of courses having focuses on Employability/Entrepreneurship/Skill Development in relevant programme.

(Annexure-III)

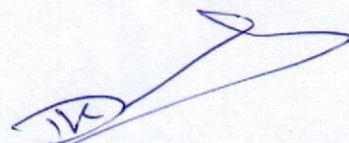
**Agenda Item-13.6.** To consider and approve modification in one course and to introduce one new course in PhD Programme, as recommended by the Research Cell of the University

Research Cell of the University recommended modification in the Syllabus of "Research Methodology" Course as well as recommended to introduce "Research and Publication Ethics" course in PhD Programme from the Session 2020-21.





Syllabi of both the courses were duly considered by the board and subsequently approved.



**Prof. (Dr.) Vinay Kumar Deolia**  
**Head, ECE & Chairman, BOS**

**Head of Department**  
Electronics & Communication Engg.  
GLA University, Mathura

**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



**MINUTES OF 12<sup>th</sup> MEETING  
OF  
BOARD OF STUDIES (BOS)**

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



**JUNE 01, 2020**



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

**Minutes of the 12<sup>th</sup> Meeting of BOS 2020-21 held on Date: 01/06/2020**

The Twelfth meeting of board of studies of the department of Civil Engineering was held on 01<sup>th</sup> of June 2020 in Room 121, Block VIII from 11 A.M. onwards. Member from other cities participated online.

Members present:

1. Prof. Sudhir Goyal
2. Mr. Arvind Mittal, Chief Engineer, NR, Baroda House, New Delhi
3. Dr. Sanjay Jain, Scientist G, National Institute of Hydrology, Roorkee
4. Dr. Nakul Gupta
5. Mr. Atul Soni
6. Mr. Mohit Verma

The Twelfth meeting for Academic Session 2020-21 was held on 01/06/20. The meeting was chaired by Prof Sudhir Goyal. The meeting started with welcome note to all members, especially to, Mr. Mittal and Dr. Jain and members from Civil Engineering Department by Prof Sudhir Goyal. The minutes were during the meeting were as follows

**Agenda Item-12.1:** To confirm the minutes of eleventh meeting of the board of studies held on May 4<sup>th</sup>, 2019.

The minutes of the meeting of 11<sup>th</sup> BOS held on May 4<sup>th</sup>, 2019 were implemented.

**Agenda Item 12.2:** To report the action taken on the minute of 11<sup>th</sup> meeting of Board of Studies held on May 4<sup>th</sup>, 2019

Approved by Academic Council and implemented. No action pending.

**Agenda Item-12.3:** 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)	8	<ul style="list-style-type: none"> <li>• Introduction To Climate Change Studies</li> <li>• Solid And Hazardous Waste</li> </ul>



		<ul style="list-style-type: none"> <li>Management</li> <li>• Advanced Water Treatment Technologies</li> <li>• Air And Noise Pollution Control</li> <li>• Foundation Engineering</li> <li>• Ground Water Management</li> <li>• Railway Engineering</li> <li>• Ground Improvement Engineering</li> </ul>
M.Tech (Structural Engineering)	7	<ul style="list-style-type: none"> <li>• Advanced Mechanics Of Solids</li> <li>• Advanced Structural Analysis</li> <li>• Numerical Analysis &amp; Computer Programming</li> <li>• Advanced Concrete Design</li> <li>• Earthquake Resistant Design</li> <li>• Advanced Concrete Technology</li> <li>• Concrete Technology Laboratory</li> </ul>
M.Tech (Transportation Engineering)	5	<ul style="list-style-type: none"> <li>• Highway Soil Mechanics</li> <li>• Transportation Economics And Evaluation</li> <li>• Ground Improvement Techniques</li> <li>• Tunnel Engineering</li> <li>• Urban Transportation Planning</li> </ul>
MBA (Construction management)	6	<ul style="list-style-type: none"> <li>• Building Management and Services</li> <li>• Repair, Retrofitting and Maintenance of Structures</li> <li>• Construction Economics</li> <li>• Quantity Surveying</li> <li>• Construction Methods and Techniques</li> <li>• Construction Materials Management</li> </ul>

Members considered and approved the same.

Syllabus of the above courses are enclosed as annexure I

**Agenda Item-12.3:** To consider and approve introduction of new courses in the existing programmes.

Based on the feedback of various stake holders (faculty, alumni, corporate and students) department presented details of new courses to be introduced as per CBCS. After thorough discussion board approves the same. (Annexure II)

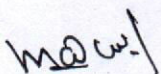
**Agenda Item-12.4:** Research Cell of the University recommended modification in the Syllabus of "Research Methodology" Course as well as recommended to introduce "Research and Publication Ethics" course in PhD Programme from the Session 2020-21.



Syllabi of both the courses were duly considered by the board and subsequently approved.  
(Annexure III)

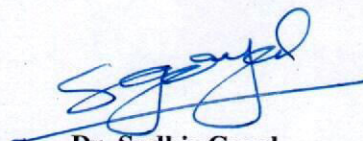
**Agenda Item-12.5:** To Consider & approve the list of courses having focuses on Skill development/ Entrepreneurship/ Employability.

The members Considered & approved the list of courses having focuses on Skill development/ Entrepreneurship/ Employability in relevant programme. (Annexure IV)



**Mohit Verma**

**Module Coordinator: MBA Construction Management**



**Dr. Sudhir Goyal**

**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  
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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



# **MINUTES OF 6<sup>TH</sup> MEETING OF BOARD OF STUDIES (BOS)**

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



**JULY 14, 2020**





**Department of Electrical Engineering  
(Institute of Engineering and Technology)**

**Minutes of the 6<sup>th</sup> meeting of Board of Studies (BOS) of the Department of Electrical Engineering held on June 14, 2020 at 11.0 am, through zoom online platform due to COVID-19 pandemic and GOI guidelines for social distancing**

The 6<sup>th</sup> meeting of Board of Studies (BoS) (Internal/External Members) of Department of Electrical Engineering was convened on June 14, 2020 at 11.0 am, through Zoom due to COVID-19 Outbreak and GOI guidelines of social distancing.

The following were present in the meeting:

**Regular Faculty of the Electrical Engineering Department -**

1. Prof. Shamsuddin Ahmad,  
Professor, EE Department IET GLAU Mathura
2. Prof. Anwaruddin Anwar,  
Professor, EE Department IET GLAU Mathura
3. Prof. V. K. Deolia Professor & Head  
EC Dept. GLA University, Mathura
4. Dr. Subhash Chandra  
Assistant Professor EE Department IET GLAU Mathura
5. Dr. Nibedita Das  
Assistant Professor EE Department IET GLAU Mathura
6. Dr. Abhilash Gupta  
Assistant Professor EE Department IET GLAU Mathura
7. Mr. Ravishankar Tiwari  
Secretary BoS EED  
Assistant Professor EE Department IET GLAU Mathura
8. Mr. Arvind Yadav  
Assistant Professor EE Department IET GLAU Mathura
9. Mr. Sachin Goyal  
Assistant Professor EE Department IET GLAU Mathura
10. Mr. Ram Naresh Mishra  
Assistant Professor EE Department IET GLAU Mathura
11. Mr. Mayank Goyal  
Assistant Professor EE Department IET GLAU Mathura
12. Dr. Akanksha Shukla  
Assistant Professor EE Department IET GLAU Mathura
13. Dr. Sanjay Maurya  
Head of Dept. EE GLA University Mathura

(Co-opted Member)

(In Chair)

In the beginning of the meeting the Chairman of the BoS welcomed all the members and briefed them about the progress of the Department of Electrical Engineering. The BoS members expressed their high appreciation and satisfaction about the courses and activities of the Department.



The following are the proceedings of the meeting –

**Agenda Item - 6.1.** To confirm the minutes of the 5<sup>th</sup> BoS meeting

*The minutes of the 5<sup>th</sup> BoS held on September 14<sup>th</sup>, 2019 were implemented.*

**Agenda Item - 6.2.** To consider approve the revised syllabus of B. Tech. EE/EN course on the basis of feedback received from various stakeholders (Faculty, Students, Alumni and Employer).

*The revised courses and restructured syllabus has been discussed. Members accepted the need of revision and approved with minor changes.*

(Annexure A)

Programme	No. of courses under consideration for revision	Name of course under consideration for revision
B. Tech. Electrical Engineering/ B. Tech. Electrical & Electronics Engineering	01	<ul style="list-style-type: none"><li>Utilization of Electric power &amp; traction</li></ul>

*The revised and restructured syllabus has been discussed and approved with minor suggestions.*

**Agenda Item - 6.3.** To discuss and approve the revised syllabus of M. Tech. EE course on the basis of feedback received from various stakeholders (Faculty, Students, Alumni and Employer).

*The proposed revised syllabus of "Power Electronic Devices and Converters" have been discussed and recommended by the members of BoS with minor changes.*

(Annexure B)

Programme	No. of courses under consideration for revision	Name of course under consideration for revision
M. Tech. Electrical Engineering	01	<ul style="list-style-type: none"><li>Power Electronic Devices and Converters</li></ul>

*The revised and restructured syllabus has been discussed and approved with minor suggestions.*

**Agenda Item - 6.4.** To discuss and approve the introduced syllabi program electives (PE) offered by the department for B. Tech. EE under Choice Based Credit system.

*The following are the list of program elective subjects for final year Undergraduate course in the department of EE.*

(Annexure C)

Offered at the stage of 7<sup>th</sup> semester

S. No.	Subject	Changes
1.	Computer Methods In Power Systems	New inclusion
2.	Intelligent Techniques In Electrical Engineering	New inclusion
3.	Special Electrical Machines	No change in content only the subject code revised
4.	Design & Installation of Solar PV System	New inclusion
5.	Digital Signal Processing	No change in content only the subject code



		revised
6.	Switchgear & Protection Lab	Experiments based on fault analysis and protection are included
7.	Computer Methods in Power Systems Lab	New inclusion lab based on subject BEEE0037
8.	Intelligent Techniques In Electrical Engineering Lab	New inclusion lab based on subject BEEE0036
9.	Design & Installation of Solar PV System Lab	New inclusion lab based on subject (BEEE0099)
10.	Design & Installation of Solar PV System Project	New inclusion of project J component for advance learner students lab based on subject include (BEEE0099)

Offered at the stage of 8<sup>th</sup> semester

S. No.	Subject	Changes
1.	High Voltage Engineering	Content of the syllabus are same as previously approved in BoS and the subject code have change as per CBCS scheme
2.	Smart Grid	
3.	Power System Operation & Control	
4.	Power System Dynamics & Stability	
5.	Process Control & Advanced Instrumentation	
6.	Digital Control System	
7.	Optimal Control System	
8.	Biomedical Signal Processing	
9.	Analog & Digital Communication	
10.	Process Control & Advanced Instrumentation Lab	

The experts and members of BoS critically observed and approved the syllabi of different program elective under CBCS system.

**Agenda Item - 6.5.** To Consider and Approve introduction of New Courses in the existing programmes of B. Tech. Electrical & Electronics Engineering (EN) and program elective bouquet for the same. Also a new course "Research & Publication Ethics" for PhD program.

Based on the feedback of various stakeholders (Faculty, Alumni, Corporate and students) department presented details of new courses to be introduced. After thorough discussion Board approved the same. The BoS observed the structure of undergraduate course EE & EN and agreed to keep 15-20 % variation in the program core courses of EN compared to EE. In regards to this following are the new inclusions of subject in the list of program core.

(Annexure D)

- Signals & Systems
- Power System Analysis & Protection
- Power System Transmission & Distribution
- Power systems & Protection lab

The members suggested the offering four bouquets of program electives mentioned as follows. The detailed list is attached in Annexure D –



- Electronics & Embedded system
- Power system, Machine & Drives

- Control & Instrumentation
- Energy systems

**Agenda Item - 6.6.** To consider and approve modification in one course and to introduce one new course in Ph.D. Programme, as recommended by the Research Cell of the University.

Programme	No. of courses under consideration for revision	Name of course under consideration for revision
Ph.D. Electrical Engineering	01	<ul style="list-style-type: none"> <li>• Research Methodology</li> </ul>

Research Cell of the University recommended modification in the Syllabus of "Research Methodology" Course as well as recommended to introduce "Research and Publication Ethics" course in PhD Programme from the Session 2020-21. Syllabi of both the courses were duly considered by the board and subsequently approved.

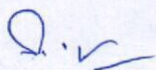
**Agenda Item - 6.7.** To consider and recommend the list of experiment performed using virtual lab for B. Tech EE & EN program due to impact of COVID-19 pandemic. (Annexure E)

The experts and members of BoS have agreed and appreciated the step to include and perform the experiments using virtual lab. The platform is provided by Ministry of Human Resource Development Under National Mission on Education through ICT. The experiment will be performed in the odd semester 2020-21, for EE & EN undergraduate program, enclosed in Annexure E.

**Agenda Item - 6.8.** The BoS suggested and approved the skill development, Entrepreneurship/Employability courses in UG and PG programs. (Annexure F)

- The members consider and approve the same
- The details are attached in Annexure F.

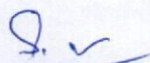
The meeting ends with the vote of thanks to the chair.



**Dr. Sanjay Maurya**

**HoD Electrical Engineering Department**

Copy to: Chairman Academic council  
Director IET, GLA University, Mathura  
Registrar  
All the members of the BOS



**Head of Department  
Electrical Engg.  
GLA University, Mathura**



### Agenda for the 14<sup>th</sup> meeting of the Board of Studies

The Agenda of the meeting will be as follows:

**Item No. 14.1:** To confirm the minutes of 13<sup>th</sup> Board of Studies meeting.

**Item No. 14.2:** To consider and recommend to approve the merging the programmes of B.Tech. in Mechatronics & B.Tech. in Automobile Engineering as B.Tech. ME with specialization in Mechatronics Engineering and B.Tech. ME with specialization in Automobile Engineering.

**Item No. 14.3:** To consider and recommend to approve the programme B.Tech. Mechanical Engineering (Specialization in Smart Manufacturing with DCS (Dysmech Competency Services, Pune).

**Item No. 14.4:** To consider and recommend the value-added courses for B.Tech program.

**Item No. 14.5:** To consider and recommend to introduce the new courses in the existing Programmes.

**Item No. 14.6:** To consider and recommend the courses having focus on employability/ entrepreneurship/ skill Development.

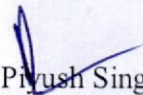
**Item No. 14.7:** To consider and recommend restructuring and updation of contents in B Tech and M.Tech Programs



S.N.	Programme	Number of courses under consideration for revision	Details of Courses
1	B.Tech. Mechanical Engineering	5	Basic Mechanical Engineering,
			Product design and development
			Engineering Workshop Practice Lab
			Engineering Drawing
			Computer Aided Drafting Lab (CAD Lab)
2	B.Tech. Mechanical Engineering (Specialization in Automobile )	5	Basic Mechanical Engineering,
			Product design and development
			Engineering Workshop Practice Lab
			Engineering Drawing
			Computer Aided Drafting Lab (CAD Lab)
3	M.Tech. Mechanical Engineering (Design)	1	Advance Computer Aided Design.
4	M.Tech. Mechanical Engineering (Production)	1	Advance Computer Aided Design.

**Item No. 14.8:** To consider and approve modification in one course and to introduce one new course in PhD Programme, as recommended by the Research Cell of the University

**Item No. 14.9:** Any other item with the permission of chair.

(Prof.  Singhal)  
**Head, Dept. of Mech. Engg.**

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

Copy to: Chairman, Academic Council  
 Director, IET, GLA University, Mathura  
 Registrar, GLA University, Mathura  
 All the members of BoS

Department of Mechanical Engineering



**MINUTES OF  
14<sup>TH</sup> MEETING  
OF  
BOARD OF STUDIES (BOS)**

**DEPARTMENT OF  
MECHANICAL  
ENGINEERING**



**JUNE 11, 2020**

*By 18/6/20*



### Minutes of 14<sup>th</sup> BOS meeting held on 11-06-2020 at 2PM

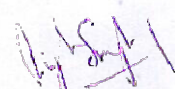
The 14<sup>th</sup> meeting of the Board of Studies of Mechanical Engineering Department was held at 2:00 PM on June 11, 2020 of Mechanical Engineering Department.

Meeting chaired by H.O.D Mechanical Prof. Piyush Singhal in presence of external members,

1. **Mr. Rakesh Singh Yadav** External Expert, Safety Officer, BHEL, Vishakhapatnam (Alumnus 2001-05)
2. **Mr. Augustya Kumar Sharma** External Expert, Dy. Manager, Volvo Eicher Commercial Vehicles Ltd., Gurugram (Alumnus 2007-11)
3. **Mr. Rahul Naidu** External Expert, Chief Advisor: Engineering Services, Dysmech Competency Services Pvt. Ltd, Pune, Indi

The following BoS members of the department were present in the meeting:

1. Dr. Piyush Singhal Chairperson & Head, Mech. Engg. Dept., GLA University
2. Mr. Rakesh Singh Yadav External Expert, Safety Officer, BHEL, Vishakhapatnam (Alumnus 2001-05)
3. Mr. Augustya Kumar Sharma External Expert, Dy. Manager, Volvo Eicher Commercial Vehicles Ltd., Gurugram (Alumnus 2007-11)
4. Mr. Rahul Naidu External Expert, Chief Advisor: Engineering Services, Dysmech Competency Services Pvt. Ltd, Pune, India
5. Dr. B.R.K. Gupta Head, Dept. of Physics, GLA University, Mathura
6. Dr. Vinay Kr. Deoliya Head, Dept. of ECE, GLA University, Mathura
7. Dr. Kamal Sharma Associate Dean Research, GLA University, Mathura
8. Dr. RudraPratap Singh Member
9. Dr. Manoj Kumar Agrawal Member
10. Mr. RavindraPratap Singh Member
11. Dr. Vijay Kumar Dwivedi Member
12. Dr. Sujit Kumar Verma Member
13. Dr. Naveen Kumar Gupta Member
14. Dr. Kuldeep Kumar Saxena Member
15. Dr. Pradeep Kumar Singh Member
16. Mr. KuwarMausam Member
17. Mr. Shashank Srivastava Member
18. Mr. Vikas Sharma Member
19. Mr. Gaurav Bharadwaj Member
20. Mr. Aneesh Kumar Member
21. Mr. Nitin Kukreja Member





**Experts have given following suggestions:**

**Agenda 14.1:** To confirm the minutes of 13<sup>th</sup> Board of Studies meeting.

Chairperson and H.O.D. Prof. Piyush Singhal welcomed external experts and internal members of B.O.S and comprise them about agenda of 13<sup>th</sup> B.O.S. details of suggestion and action taken measures were discussed briefly. External experts were highly appreciative for systematic and progressive approach adopted by the B.O.S for modifications and launching of new syllabus. **(Annexure A)**

**Agenda 14.2:** To get approval for merging the Programmes of B.Tech. in Mechatronics & B.Tech. in Automobile Engineering as B.Tech. ME with specialization in Mechatronics Engineering and B.Tech. ME with specialization in Automobile Engineering.

Mr. Rahul Naidu suggested training to students in Python programming, I.T Related exposure, M/C language programming, Industry 4.0 level exposure required for students

Er. Rakesh Yadav discussed various safety related issues related to operation and maintenance of equipment's and tools should be included in course curriculum in compliance with industry 4.0. He also suggested inclusion of quality issues and measurement of various defects should be included in course curriculum.

Some low cost measurement test should be part of lab training, these are as such like liquid penetration test for cracks and magnetic check for crack checking.

Augustya Kumar Sharma suggested automation for higher production. He suggested that more emphasis should be given to automation of production machinery, process planning and materials handling to save time, material and manpower. He emphasized on inclusion of techno-commercial aspects in automobiles and B.S 6 norms.

**Agenda 14.3:** To consider and approve the programme B.Tech. Mechanical Engineering (Specialization in Smart Manufacturing with DCS (Dysmech Competency Services, Pune).

All external experts were highly enthusiastic about the proposal. They further suggested to include industry 4.0 level training to students and more exposure in computing interface to enhance wider acceptability of students in IT manufacturing and services sectors **(Annexure B)**.

**Item No. 14.4:** To consider and recommend the value-added courses for B. Tech program.

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

**Item No. 14.5:** 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 D)**





**Item No. 14.6:** 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 - E*).

**Item No. 14.7:** To consider and recommend restructuring and updation of contents in 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

S.N.	Programme	Number of courses under consideration for revision	Details of Courses
1	B.Tech. Mechanical Engineering	5	Basic Mechanical Engineering, Product design and development Engineering Workshop Practice Lab Engineering Drawing Computer Aided Drafting Lab (CAD Lab)
2	B.Tech. Mechanical Engineering (Specialization in Automobile )	5	Basic Mechanical Engineering, Product design and development Engineering Workshop Practice Lab Engineering Drawing Computer Aided Drafting Lab (CAD Lab)
3	M.Tech. Mechanical Engineering (Design)	1	Advance Computer Aided Design.
4	M.Tech. Mechanical Engineering (Production)	1	Advance Computer Aided Design.

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

Department of Mechanical Engineering




**Item No. 14.8: To consider and approve modification in one course and to introduce one new course in PhD Programme, as recommended by the Research Cell of the University**

Research Cell of the University recommended modification in the Syllabus of "Research Methodology" Course as well as recommended to introduce "Research and Publication Ethics" course in PhD Programme from the Session 2020-21. Syllabi of both the courses were duly considered by the board and subsequently approved.

**Item No. 14.9: Any other item with the permission of chair.**

Overall members were highly thankful for hospitality and never-ending appetite to develop association with industries and professional bodies. The meeting ended with vote of thanks given by the chair.

(Prof.  Singh)   
**Head, Dept. of Mech. Engg.**

Copy to: Chairman, Academic Council  
Director, IET, GLA University, Mathura  
Registrar, GLA University, Mathura  
All the members of BoS

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



***GLA University, Mathura***  
***Institute of Business Management***

**XIII Meeting of Board of Studies**

**Dated: 12.06.2020**

**AGENDA**

13.01: Confirmation of the minutes of the XII meeting of Board of Studies held on 08.05.2019.

13.02: Action taken on-the minutes of the last Meeting.

13.03: To consider and approve the reduction of summer training time period from 6-8 weeks to 4-6 weeks in PG &UG Programmes

13.04: To Consider and approve the Proposal of permitting UG & PG students to opt Research ProjectReport Preparation or Online Course Completion in place of summer training project report preparation

13.05: To consider and approve the revised course structure and revision/modification of syllabuses of UG & PG Programmes.

13.06: To consider & approve the list of courses having focuses on Employability/Entrepreneurship/Skill Development

13.07: To consider & approve the course structure and syllabuses of V, V &VI Trimester for Integrated MBA IInd year

13.08 To consider and approve the new syllabus on Digital Marketing in MBA and open elective foroffering to other departments on Fundamentals of Mass Communication and Media Management

13.09: To consider and approve the course structure revision and detailed syllabus of V & VI Semester of BBA, BBA(FB), BBA(H), B. Com(H), B. Com(H) Global Accounting (In association with CIMA) and BA(H) Economics under CBCS.

13.10: To approve the list of examiners for MBA, MBA(LSCM), MBA (FMB), BBA, B8A(FB), BBA/H), B Com(H), B. Com(H) Global Accounting (In association with CIMA), BA(H) Economics, PGPSM and Integrated MBA.

13.11: To consider and approve modification in one course and to introduce one new course in PhD Programme, as recommended by the Research Cell of the University

13.12: Any other matter with permission of chair.



Date: 13.06.2020

**Minutes of the XIII meeting of the Board of Studies held on 12 June, 2020**

The 13th meeting of the Board of Studies of Institute of Business Management was held on 12 of June, 2020 at 02:30 PM along with departmental faculty members two external experts (Mr. Sumit Saluja, Sr. General Manager & Head-HR, Lupin Ltd. and Ms. Tasneem Kapasi, National Manager, Markets India – Management Accounting Association | AICPA | CIMA has also joined through online mode.

The following were present in the meeting:

1. Prof. Somesh Dhamija Member
2. Prof. Vikas Tripathi Member
3. Prof. Kanhaiya Singh Member
4. Prof. Aruna Dhamija Member
5. Dr. Ankit Saxena Member
6. Dr. Utkal Khandelwal Member
7. Dr. Vivek Agrawal Member
8. Dr. Seemant Yadav Member
9. Dr. Mini Jain Member
10. Dr. Supriya Jain Member
11. Dr. Aneesha Sharma Member
12. Ms. Manisha Goswami Member
13. Dr. Trilok Pratap Singh Member
14. Dr. Kushagra Kulshrestha Member
15. Mr. Krishanveer Singh Member
16. Mr. Sumit Saluja External Expert
17. Ms. Tasneem Kapasi External Expert
18. Prof. A.M. Agrawal Chairman



The Chairman welcomed all the members of the Board of Studies.

The members discussed the agenda and following decisions were taken:

**Item No. 13.01: Confirmation of the minutes of the XII meeting of Board of Studies held on 08.05.2019.**

The minutes were confirmed.

**Item No. 13.02: Action taken on the minutes of the last meeting.**

Members were apprised about action taken.

**Item No. 13.03: To consider and approve the reduction of summer training time period from 6-8 weeks to 4-6**

**weeks in PG & UG Programmes**

Keeping Covid Pandemic situation in consideration, Board of Studies agreed and approved the proposal of reduction of summer training time period from 6-8 weeks to 4-6 weeks in PG & UG Programmes

**Item No. 13.04: To consider and approve the Proposal of permitting UG & PG students to opt Research Project Report Preparation or Online Course Completion in place of summer training project reportPreparation**

Board of Studies agreed and approved the proposal of permitting UG & PG students to opt Research Project Report Preparation or Online Course Completion in place of summer training project report preparation

**Item No. 13.05. To consider and approve the revised course structure and revision/modification of syllabuses of UG & PG Programmes.**

Based on the feedback received from various stakeholders (Faculty, Employer, Students and Alumni) the revision/upgradation/modification in syllabus of existing courses in various programmes is proposed as follows:

Name of Programme	Name of the Courses under consideration for revision	No. of Courses under consideration for revision
BBA	Fundamentals of Banking and Insurance	3
	Financial Management	
	Consumer Protection Laws	
BBA H	Hospitality Management	5
	Rural Management	



	International Business	
	Managerial Aptitude - IV	
	Essentials of Management	
BBA FB	Business Wisdom-III	2
	Consumer Protection Laws	
B.com (H)	Fundamentals of Banking and Insurance	3
	Financial Management	
	Consumer Protection Laws	
MBA	Store Keeping and Warehousing	5
	Enterprise Resource Planning	
	Fundamentals of General Insurance	
	Inclusive Growth for Sustainable Development	
	Personal Financial Planning	
MBA LSCM	Management of Human Resource	3
	Warehouse Management	
	Principles of ERP	
MBA FMB	Strategic Financial Management	5
	Tax Planning	
	Concepts of Life & General Insurance	
	Corporate Governance and Business Ethics	
	Micro Finance & Financial Inclusion	
	Strategic Financial Management	

The member considered and approved the same. (annexure 1)

**In UG Programmes** modifications in syllabus of few existing subjects were proposed and consequently revised course structure (with revised codes of relevant subjects) of concerned UG Programmes was presented. Similarly revisions/modifications in subject codes and title of few subjects in BA (H) Economics III year along with revised course structure were presented, same was approved by the Board of Studies.

**In PG Programmes** modification of course structure (change in the subjects of trimesters due to industry input)

and changes in some syllabuses of MBA (Dual Specializations) were presented. Similarly changes in course structures of MBA (Financial Market & Banking) were also presented in MBA (LSCM) introduction of some



more subjects during their V and VI trimesters as per the consultation from Safeducte Learnings were made

All the changes in different programs were presented, and same were approved

**Item No. 13.6: To consider & approve the list of courses having focuses on Employability/Entrepreneurship/ Skill Development**

The members considered and approved the list of courses having focuses on Employability/Entrepreneurship/Skill Development in relevant Programme.

Annexure II. attached

**Item No. 13.07: To consider & approve the course structure and syllabuses of IV, V & VI Trimester for Integrated MBA IInd year**

The course structure and detailed syllabus of trimesters IV, V & VI of MBA (Integrated) were approved as presented. (annexure II)

**Item No. 13.08 To consider and approve the new syllabus on Digital Marketing in MBA and open elective for offering to other departments on Fundamentals of Mass Communication and Media Management**

Following two subjects were presented to include in different programs

1. Digital Marketing (in MBA Dual Specilization)
2. Fundamentals of Mass Communication and Media Management (Offered to be as an Open Elective to other programs in the University)

**Item No. 13.09. To consider and approve the course structure revision and detailed syllabus of V & VI Semester of BBA, BBA(FB), BBA(H), 8 Com(H), 8 Com(H) Global Accounting (In association with CIMA) and BA(H) Economics under CBCS**

Detail syllabuses of all subjects of BBA, BBA(FB), BBA(H), 8 Com(), & Com(H) Global Accounting (in association with CIMA) and BA(H) Economics 1 year funder CBCS) along with revised course structures were presented before the board by Head-Management (UG) Prof. SomeshDhamija and explained that inputs from good number of academic and industry experts has been taken while designing the syllabus, board approved all related detail syllabus along with revised course structure of Management (UG) Programmes.



Item No. 13.10 To approve the list of examiners for MBA, MBA(LSCM), MBA (FMB), BBA, BBA(FB), BBA(H), B Com(H), B Com (H) Global Accounting (In association with CIMA), BA(H) Economics, PGPSM and Integrated MBA.

List of examiner approved

Item No. 13.11: Research Cell of the University recommended modification in the Syllabus of "Research Methodology" Course as well as recommended to introduce "Research and Publication Ethics" course in PhD Programme from the Session 2020-21.

Syllabi of both the courses were duly considered by the board and subsequently approved.

11.12: Any other matter with permission of chair.

Ms. TasneemKapasi, National Manager, Markets-India-Management Accounting Association | AICPA |

CIMA appraised about proposed changes in the CIMA exam and learning pattern from the batch 2020-23

Board recommended that Prof. A M. Agrawal being Pro Vice Chancellor & Director can take a suitable call.

The meeting ended with thanks to chair.

Prof. Somesh Dhamija



Prof. Vikas Tripathi





**Institute of Pharmaceutical Research  
GLA University, Mathura**

**Agenda for 10<sup>th</sup> Meeting (Board of Studies)**

Date- 28-07-2020

Time- 11:00 AM

Mode: Online zoom Platform

**Agenda Items-**

1. To consider and approve the minutes of last meeting of BOS.
2. To consider and approve modification in syllabi of (B. Pharm IV-year) from session 2020-21.
3. To consider and introduce one new course in Ph.D Programme in Pharmaceutical Sciences recommended by the research cell of the university.
4. Approval of courses imparting employability/entrepreneurship/skill development in the B. Pharm and M. Pharm programme.
5. Approval of courses imparting employability/entrepreneurship/skill development in the PhD programme
6. Approval of Elective course for B. Pharm Programme running in the Institutes in 8<sup>th</sup> Semester.
7. Approval of Elective course for M. Pharm Programme running in the Institutes in 4<sup>th</sup> Semester.
8. Any agenda with permission of the chair.



**Prof. Meenakshi Bajpai  
(HOD)**

Institute of Pharmaceutical Research



4. Approval of courses imparting employability/entrepreneurship/skill development in the B. Pharm and M. Pharm programme.
5. Approval of courses imparting employability/entrepreneurship/skill development in the PhD programme
6. Approval of Elective course for B. Pharm Programme running in the Institutes in 8<sup>th</sup> Semester.
7. Approval of Elective course for M. Pharm Courses running in the Institutes in 4<sup>th</sup> Semester.
8. Any agenda with permission of the chair.

#### **Discussion & Suggestions:**

##### **Agenda No.1**

To confirm and approve the minutes of last meeting of BOS.

##### **Agenda No.2**

To consider and approve modification in syllabi of (B. Pharm IV-year) from session 2020-21.

As discussed in the meeting, PCI syllabus for above mentioned programmes was revised.

Therefore, department have approved revised syllabus (B. Pharm IV-year) from session 2020-21.

Details are enclosed as Annexure-I

##### **Agenda No. 3**

Research cell of the university recommended to introduce "Research and Publication Ethics" course in PhD Programme in Pharmaceutical Sciences from the session 2020-21.

Syllabi of both the courses were duly considered by the board and subsequently approved.

Programme	No of Courses under consideration	Name of Courses under consideration
Ph.D (Pharmaceutical Sciences)	1	Research Publication & Ethics

The member considered and approved the same.

Syllabi of above courses are enclosed as Annexure-I& III.

*Meerakshi*



**Institute of Pharmaceutical Research  
GLA University, Mathura**

Date- 28-07-2020, Time- 11:00 AM

Mode: Online zoom Platform

**The following members were present:**

S. No	Name	Expert/ Member POS
1	Prof. Pradeep Mishra	Chairmen
2	Prof. Meenakshi Bajpai	Member
3	Prof. R.K Maheshwari	External Expert
4	Dr. Kamal Shah	Member
5	Dr. Debapriya Garabadu	Member
6	Dr. Jitendra Gupta	Member
7	Dr. Prabhat Kumar Upadhyay	Member
8	Mr. Gopal Prasad Agrawal	Member
9	Dr. Jeetendra Kumar Gupta	Member
10	Ms. Sonia Sharma	Member
11	Mr. Bhupesh Chandra Semwal	Member
12	Mr. Yogesh Kumar	Member
13	Dr. Reena Gupta	Member

**Sub: Meeting of board of studies B. Pharm, M. Pharm & PhD**

Sir,

It is to inform you that the meeting of Board of Studies in the course of B. Pharm, M. Pharm & PhD has been fixed on 28-07-2020, Saturday at 11:00 am on the zoom platform (online).

The agenda in meetings will include:

1. To consider and approve the minutes of last meeting of BOS.
2. To consider and approve modification in syllabi of (B. Pharm IV-year) from session 2020-21.
3. To consider and introduce one new course in Ph.D Programme in Pharmaceutical Sciences recommended by the research cell of the university.

*Meenakshi*



#### **Agenda No. 4**

Approval of courses imparting employability/entrepreneurship/skill development in the B. Pharm and M. Pharm Programme.

Members considered and approve the same. Details enclosed as Annexure IV.

#### **Agenda No. 5**

Approval of courses imparting employability/entrepreneurship/skill development in the PhD programme.

Details enclosed as Annexure IV.

#### **Agenda No. 6**

Approval of Elective course for B. Pharm Programme running in the Institutes in 8<sup>th</sup> Semester.

Committee discussed over it & approved it. Details enclosed as Annexure V.

#### **Agenda No. 7**

Approval of Elective course for M. Pharm Programme running in the Institutes in 4<sup>th</sup> Semester.

Committee discussed over it & approved it. Details enclosed as Annexure V.

#### **Agenda No. 8**

As discussed in the meeting, PCI syllabus for above mentioned programmes was approved.

Therefore, department have introduced new courses (B. Pharm IV-year) from session 2020-21.

Details are enclosed as Annexure-III

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



**Prof. Meenakshi Bajpai**  
(HOD)

Institute of Pharmaceutical Research

**Head**

Institute of Pharmaceutical Research  
GLA University Mathura (UP)





## Faculty of Education

### Agenda for 6<sup>th</sup> Meeting of Board of Studies

Date- 11-06-2020


Time- 10:00 AM

Venue- Office of Principal of Faculty of Education, Fourth Floor, Academic Block-IX.

#### Agenda Items-

1. To consider and approve the minutes of last meeting of BOS.
2. To consider & approve revision in syllabi of B.Ed. program.
3. To consider & approve the new course Research & Publication Ethics syllabus for Ph.D. in education coursework.
4. To consider & approve Research Methodology syllabus for Ph.D. in education coursework
5. Approval of courses imparting employability/entrepreneurship/skill development in the B.Ed. & Ph.D. program.
6. Any agenda with permission of the chair.

Chairperson of BoS,

  
(Prof.Kavita Varma)  
Dr. Kavita Varma  
Principal  
Faculty of Education  
GLA University, Mathura





## Faculty of Education

### Minutes of the 6<sup>th</sup> Meeting of Board of Studies

Date- 12.06.2020

Time- 10:00 AM

Venue- Office of Principal of Faculty of Education, Fourth Floor, Academic Block-IX.

#### Members Present-

1. Prof. Nasrin, Professor and Chairperson, Faculty of Education, Aligarh Muslim University, Aligarh as **External Expert**.
2. Prof. Kavita Varma, Principal, Faculty of Education, GLA University, Mathura as **Chairperson**.
3. Dr Dayal Sandhu, Assistant Professor, Faculty of Education G.L.A. University, Mathura as **Member**
4. Dr Devki Nandan Sharma, Assistant Professor, Faculty of Education G.L.A. University, Mathura as **Member**

#### Sub.: Meeting of Board of Studies B.Ed. and Ph.D.in Education Programs.

Sir,

It is to inform you that the meeting of Board of Studies in the subject of B.Ed. and Ph.D.in Education has been fixed on 11<sup>th</sup> June, 2020 at 11:00 am in the Chamber of undersigned.

The agenda in meeting included:

1. To consider and approve the minutes of last meeting of BOS.
2. To consider & approve revision in syllabi of B.Ed. program.
3. To consider & approve the new course Research & Publication Ethics syllabus for Ph.D. in education coursework.
4. To consider & approve Research Methodology syllabus for Ph.D. in education coursework
5. Approval of courses imparting employability/entrepreneurship/skill development in the B.Ed. & Ph.D. program.
6. Any agenda with permission of the chair.

#### Discussion & Suggestions:

  
Dr. Kavita Verma  
Principal  
Faculty of Education  
GLA University, Mathura



### **Agenda No.1**

To confirm and approve the minutes of last meeting of BOS.

### **Agenda No. 2**

To consider & approve revision in syllabi of B.Ed. program. On the basis of various feedbacks received from different stakeholders (Employer, Student, Faculty and Alumni) and discussions by experts no revision/up gradation/modification in syllabus of existing courses is found.

### **Agenda No.3:**

The syllabus for Ph.D. Research & publication ethics designed by the committee with reference to the UGC Norms was presented before the Board of Studies.

Program	No. of new Courses	Name of the new Courses
Ph.D.	01	Research & Publication Ethics

The Board appreciates the effort of the committee in formulating the syllabus. Details enclosed as Annexure I.

### **Agenda No.4:**

The syllabus for Ph.D. Research Methodology review and revised by the committee with reference to the UGC Norms was presented before the Board of Studies. The Board appreciates the effort of the committee in formulating the syllabus. Details enclosed as Annexure I.

### **Agenda No. 5:**


Approval of courses imparting employability/entrepreneurship/skill development in the B.Ed. & Ph.D. program. Members considered and approve the same. Details enclosed as Annexure II.

### **Agenda No. 6:**

Any agenda with permission of chair.

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

**Chairperson of BoS,**

  
(Prof.Kavita Varma)  
Dr. Kavita Varma  
Principal  
Faculty of Education  
GLA University, Mathura



**MINUTES OF 15<sup>th</sup> MEETING  
OF  
BOARD OF STUDIES (BOS)**

**DEPARTMENT OF ENGLISH  
(INSTITUTE OF APPLIED SCIENCES &  
HUMANITIES)**



**June 05, 2020**



**Institute of Applied Sciences and Humanities**  
**Department of English**  
**NOTICE**  
**(15<sup>th</sup> Meeting of Board of Studies)**

**2<sup>nd</sup> June, 2020**

15<sup>th</sup> Meeting of the Board of Studies of the Department of English will be held on 5<sup>th</sup> June 2020 at 11:00 AM in room no. 105 of Academic Block 7. Members of Board of Studies are requested to please attend the meeting.

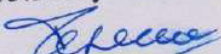
**Agenda Items:**

15.1 To confirm the Minutes of 14<sup>th</sup> BOS held on 11<sup>th</sup> May, 2019.

15.2 To discuss and recommend the following syllabi (to be offered from the session 2020-2021) for the approval of the Academic Council. These courses are to be introduced in accordance with CBCS and UGC guidelines for the skill development and for enhancing the employability of the students.

Programme	No. of courses to be introduced	Name of courses to be introduced
MBA (Construction Management)	2	1. Business Communication-I (MELH0004) 2. Business Communication -II (MELH0005)
MSc (Mathematics)	1	Technical Writing (MELH 5001)
PhD in English	4	1. Advanced Topics of Research: Approaches to Literary/Non-literary Studies 2. Advanced Topics of Research in Language Studies 3. Advanced Topics of Research in Translation Studies 4. Current Approaches to English Studies: (I) Literary Studies (II) Language Studies (III) Translation Studies

15.3 Any other item, if any.

  
(Panchanan Mohanty)  
HoD, English



## Institute of Applied Sciences and Humanities

### Department of English

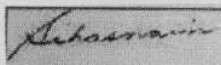
5<sup>th</sup> June, 2020

#### Minutes of the 15<sup>th</sup> Meeting of BOS

15<sup>th</sup> Meeting of the Board of Studies of the Department of English was held on 5th June 2020 at 11:00 AM in room no, 105 of Academic Block 7. The following members were present:

External Expert:

Prof. S, Imtiaz Hasnain, Professor, Dept. of Linguistics, Aligarh Muslim University, Aligarh



Internal Members:

1. Prof. Panchanan Mohanty, Head, Department of English.
2. Prof. Nitin Bhatnagar, Prof., Department of English.
3. Dr. Divya Gupta, Assistant Professor, Department of English.
4. Dr. Jaya Sharma, Assistant Professor, Department of English.
5. Dr Shyamji Dubey, Assistant Professor, Department of English.

The members of committee discussed the following agenda items:-

**Agenda Item 15.1: To confirm the Minutes of 14<sup>th</sup> BOS held on 11<sup>th</sup> May, 2019.**

Minutes of 14<sup>th</sup> Meeting of BOS were approved.

**Agenda Item 15.2: To introduce new courses:**

Programme	No. of courses to be introduced	Name of courses to be introduced
MBA (Construction Management)	2	1. Business Communication-I (MELH0004) 2. Business Communication -II (MELH0005)
MSc (Mathematics)	1	Technical Writing (MELH 5001)
		1. Advanced Topics of Research: Approaches to Literary/Non-literary





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PhD in English	4	Studies 2. Advanced Topics of Research in Language Studies 3. Advanced Topics of Research in Translation Studies 4. Current Approaches to English Studies: (I) Literary Studies (II) Language Studies (III) Translation Studies
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The members gave their valuable inputs which were incorporated suitably. The members recommended the syllabi for the approval of the Academic Council.

**Agenda Item 15.3:**

**Any Other Items.**

**To consider and approve modification in course and to introduce one new course in Ph.D Programme, as recommended by the Research Cell of the University.**

Research Cell of the University recommended modification in the Syllabus of "Research Methodology" course as well as recommended to introduce "Research and Publication Ethics" course in Ph.D Programme from the session 2020-21. Syllabi of both the courses were duly considered by the board and subsequently approved.

The meeting ended with thanks to chair.

**(Prof. Panchanan Mohanty)**  
**HoD, English**

**Encl.:**

1. Syllabi of all the courses as mentioned above.





## Institute of Applied Sciences and Humanities

### Department of Physics

11<sup>th</sup> June, 2020

#### Minutes of the 9<sup>th</sup> Meeting of BOS

The 9<sup>th</sup> meeting of BOS was held on 11<sup>th</sup> June, 2020 at 11:00 AM in the Department of Physics to review and revise the course structure of B.Sc (H) Physics in view of increasing the credits of some of the courses as per the Choice Based Credit System (CBCS) and UGC guidelines and also develop the course structure for slow and advanced learners of B.Tech I Year students. The following members were present in the meeting:

1. Prof. B.R.K. Gupta, Head, Physics -Chairman
2. Prof. Raj Pal Singh, Professor, Physics -Member
3. Prof. Anuj Vijay, Professor, Physics -Member
4. Dr. Benoy Kumar Singh, Assoc. Professor, Physics - Member
5. Prof. R.C. Srivastava, Head Physics, GB Pant University, Pantnagar.  
- External expert member

The members of committee discussed the following agenda items:-

**Agenda 1 :** Confirmation of Minutes of 8<sup>th</sup> BOS held on 19<sup>th</sup> February, 2019.

Minutes of 8<sup>th</sup> Meeting of BOS were approved.

**Agenda 2 :** To review and revise the course structure of B.Sc (H) Physics in view of increasing the number of credits of some of the courses as per the CBCS and UGC guidelines. The courses with changes in credits are to be offered in B.Sc(Hons.) Physics Program w.e.f. academic session 2020-21.

The members of committee revised the course structure of B.Sc (H) Physics by increasing the number of credits of some course as per CBCS and UGC guidelines. The revised course structure of B.Sc (H) Physics is given in Annexure I.

**Agenda 3 :** To develop the course structure for B.Tech I Year students specially for slow learners and advanced learners to be implemented w.e.f. 2020-21.



The members of committee developed two courses for slow learners and advanced learners of B.Tech I Year students to be implemented from the academic session 2020-21. The syllabus of the said courses are enclosed as Annexure II.

**Agenda 4 :**

**To consider and approve the new courses for the B.Sc (H), M.Sc Physics programs in view of CBCS and UGC guidelines and also one new course for the Ph.D program.**

Members considered and discussed the courses in both disciplines of B.Sc (H) Physics and M.Sc Physics and approved. Members also approved one new course for the Ph.D program. The details are enclosed in Annexure III.

**Agenda 5 :**

**To consider and approve the courses imparting employability/entrepreneurship/skill development for the B.Sc (H), M.Sc and one course for the Ph.D programs.**

Members considered and discussed the courses imparting employability/entrepreneurship /skill developments. The details are enclosed as Annexure IV.

**Agenda 6 :**

**To consider and approve modification in course and to introduce one new course in Ph.D Programme, as recommended by the Research Cell of the University.**

Research Cell of the University recommended modification in the Syllabus of "Research Methodology" course as well as recommended to introduce "Research and Publication Ethics" course in Ph.D Programme from the session 2020-21. Syllabi of both the courses were duly considered by the board and subsequently approved.

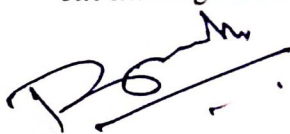
**Agenda 7 :**

**Any Other Item.**

No other item.

The committee discussed the course structure and syllabus of the cited courses thoroughly in detail and recommends for the approval of Academic council.

The meeting ended with thanks to chair.

  
(B.R.K. Gupta)  
HoD, Physics

Professor & Head Department of Physics  
GLA University, Mathura



**Encl.:**

1. Annexure I: Revised Course structure of B.Sc (H) Physics.
2. Annexure II: Course structure of B.Tech I Year Students for slow learners and advanced learners
3. Annexure III: List of new courses introduced.
4. Annexure IV: List of courses having focus on employability/entrepreneurship/skill development.



**MINUTES OF 5<sup>TH</sup> MEETING  
OF  
BOARD OF STUDIES (BOS)**

**DEPARTMENT OF CHEMISTRY  
(INSTITUTE OF APPLIED SCIENCES AND  
HUMANITIES)**



**JUNE 11, 2020**



**Board of Studies**  
**Department of Chemistry**  
**Institute of Applied Sciences and Humanities**

Minutes of the 5<sup>th</sup> meeting of board of studies held on 11<sup>th</sup> June 2020 at 02:00 pm in room no. 123, Academic block – 7.

The following members were present:

S. No.	Name of the members & affiliation
1	Prof. Rajneesh Mishra, Department of Chemistry, IIT Indore, Madhya Pradesh.
2	Prof. D. K. Das, Department of Chemistry, GLAU, Mathura
3	Dr. Prabal Pratap Singh, Department of Chemistry, GLAU, Mathura
4	Dr. Abhishek Srivastava, Department of Chemistry, GLAU, Mathura
5	Dr. Basant Lal, Department of Chemistry, GLAU, Mathura
6	Dr. Vivek Sharma, Department of Chemistry, GLAU, Mathura
7	Dr. Vinod Vashistha, Department of Chemistry, GLAU, Mathura
8	Dr. Dipak Kumar Das, Department of Chemistry, GLAU, Mathura

The Chairman Board of Studies welcomed all the members and started proceedings of the 5<sup>th</sup> meeting of BoS in accordance with the agenda note circulated earlier. Before agenda items, chairman, BOS informed all the members about CBCS updation as per UGC guidelines for B. Sc. (H0 Chemistry and M. Sc. Chemistry which was approved by Hon'ble Vice Chancellor, GLAU on 26<sup>th</sup> Nov 2019 after recommendation by Dean Academics. After this, the agenda was taken up for discussion.

**Item No.-5.1. To confirm the minutes of the 4<sup>th</sup> BoS meeting held on 13<sup>th</sup> April 2019.**

- The minutes of the meeting of 4<sup>th</sup> BoS held on 13<sup>th</sup> April 2019 were confirmed and implemented.



Item No.-5.2. **To discuss & approve the changes/modifications in the B. Sc. (H) Chemistry I & II-year syllabi as per CBCS.**

- Based on the feedback received from stakeholders (faculty members and students), the revision/ upgradation/ modification in the syllabi of the existing courses was proposed and approved.
- The details of the courses revised is as follows:

Programme with Code	No. of Courses	Name of the courses revised
B. Sc. (H) Chemistry (7010)	1	I. Analytical Chemistry-II

- The syllabus of revised syllabi is attached as Annexure-I.

Item No.-5.3. **To discuss & approve the changes/modifications in the M. Sc. (H) Chemistry I-year syllabi as per CBCS.**

- Based on the feedback received from faculty members and students, the syllabi of the several courses have been revised. The details of the courses revised is as follows:

Programme with Code	No. of Courses	Name of the courses revised
M Sc. Chemistry (5010)	3	1. Organic Chemistry-II 2. Inorganic Chemistry Lab – II 3. Organic Chemistry Lab - II

- The members of BOS approved the changes in code and contents.
- The syllabus of revised syllabi is attached as Annexure-II.

Item No.-5.4. **To discuss & approve introduction of new courses in the course structure of B. Sc. (H) Chemistry as per CBCS under discipline specific electives (DSE).**

- The BOS members discussed and approved the syllabi of five new courses as follows:

Programme with Code	No. of Courses	Name of the new courses introduced
B. Sc. (H) Chemistry (7010)	5	1. Green Chemistry and Corrosion Science 2. Nanomaterials And Nanotechnology 3. Technology of Surface Coating 4. Material Science & Engineering 5. Introduction to Biophysical Chemistry

- The detailed syllabi are attached as Annexure-III.

**Item No.-5.5. To discuss & approve introduction of new course in M. Sc. Chemistry as per CBCS under DSE category.**

- The BOS members discussed and approved the syllabus of a new course 'Environmental and green Chemistry'.
- The proposal of reduction of credit for 'Dissertation' in semester IV from 12 to 8 to accommodate newly introduced course 'Environmental and green Chemistry' under discipline specific electives category.
- The detail of new syllabi is attached as Annexure-IV.

**Item No.-5.6. To discuss & approve conversion of course in M. Sc. Chemistry as per CBCS under DSE category.**

- Owing to the importance of 'Polymer Chemistry' in different chemical industries, the conversion of 'Polymer Chemistry' course from 'DSE category' to 'core course' was discussed and approved.

**Item No.-5.7. To discuss & approve syllabus of one new elective course for B. Tech. I yr.**

- As directed by Associate Dean Academics, the department proposed inclusion of one new elective course 'Chemical Science' for First year of Engineering branches to cater the need of student diversity.
- The syllabus of new elective course is attached as Annexure-V.

**Item No.-5.8. To discuss & approve the mapping of newly introduced courses on the basis of their focus on employability/ entrepreneurship/ skill development.**



- The chairman, BOS requested all the members to map the newly developed courses on the basis of their focus on employability/ entrepreneurship/ skill development.

*The members critically discussed and approved the contents of various courses for their focus.*

- The mapping details is attached as Annexure-III.

**Item No.-5.9. To consider and approve modification in one course and to introduce one new course in PhD Programme, as recommended by the Research Cell of the University.**

- *Research Cell of the University recommended modification in the Syllabus of "Research Methodology" Course as well as recommended to introduce "Research and Publication Ethics" course in PhD Programme from the Session 2020-21. Syllabi of both the courses were duly considered by the board and subsequently approved.*

**Item No.-5.10. Any other item with the permission of the chair.**

- *No other item has been reported*

The meeting ended with thanks to the Chair.

  
D. K. Das

Chairman, BoS

Copy to:-

1. Chairman, Academic Council
2. Director, IAH
3. Registrar, GLAU
4. All BOS members

NOTICE/MATHS/7/2020 08.06.2020

## Institute of Applied Sciences and Humanities

### Department of Mathematics

#### NOTICE

The Thirteenth meeting of the Board of Studies of the Department of Mathematics will be held on 10th June, 2020 Wednesday at 11.30 a.m. in R-113, AB 8. All the members are requested to attend.

The agenda of the meeting will be as follows:

1. To confirm the minutes of the twelfth meeting of the Board of Studies held on July 5, 2019.
2. To discuss and approve the new syllabi of:
 

(a) Engineering Mathematics I	B. Tech. I Year I Semester
(b) Engineering Calculus	B. Tech. I Year I Semester
(c) Engineering Mathematics II	B. Tech. I Year II Semester
(d) Linear Algebra and Differential Equations	B. Tech. I Year II Semester
(e) Engineering Mathematics III	B. Tech. II Year III Semester
(e) Random Variables and Software Tools	Ph D Course Work
(f) Computer Skills and Fluid Dynamics	Ph D Course Work
(g) Computational Methods for Fluid Dynamics	Ph D Course Work
(h) Foundations of Complex Analysis I	Ph D Course Work
(i) Research and publication Ethics	Ph D Course Work
3. To discuss and approve the course structure of our new programme M Sc (Mathematics) and the syllabi of various first year courses
4. To consider and recommend the courses imparting employability, skill development and entrepreneurship to the students of M Sc (Mathematics) and Ph.D program.
5. To consider and approve modification in one course and to introduce one new course in PhD Programme, as recommended by the Research Cell of the University.





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6. Any other matter with the permission of the chair.

Prof. Manish Goyal

Associate Head

Head of the Department

Mathematics

Institute of Applied Sciences & Humanities

GLA University, Mathura

- CC: 1. PS to Vice Chancellor for the kind information of hon'ble Vice Chancellor  
2. PS to Pro Vice Chancellor for the kind information to hon'ble Pro Vice Chancellor  
3. Registrar for his kind information.  
4. Director, IAH & Dean (Academic Affairs'), for his kind information.  
5. All BoS members, Mathematics, for information





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## Institute of Applied Sciences and Humanities Department of Mathematics

10<sup>th</sup> June, 2020

### Minutes of the Thirteenth Meeting of Board of Studies

Following members were present in the 13<sup>th</sup> BoS meeting held on 10<sup>th</sup> June, 2020 at 11:30 a.m. in R-113, Block VIII:

1. Prof. A. K. Gupta
2. Prof. Manish Goyal
3. Dr. Amit Prakash
4. Prof. A. Pradhan
5. Dr. Pooja Pathak
6. Dr. Ashish Sharma
7. Dr. Amit Kumar Saraswat
8. Dr. Ambuj Kumar Mishra
9. Dr. Nisha Godani
10. Dr. Mukesh Kumar

Chairperson & Director (IAH)  
Associate Head, Maths, member  
External Expert, NIT KKR (via mail)  
Professor, Maths, member  
Associate Professor, Maths, member  
Associate Professor, Maths, member  
Assistant Professor, Maths, member  
Assistant Professor, Maths, member  
Assistant Professor, Maths, member  
Assistant Professor, Maths, invitee

**Item 13.1:** Minutes of 12<sup>th</sup> meeting were confirmed by the BoS.

**Item 13.2:** The revised syllabi of Mathematics courses of B. Tech. I year, B. Tech. II year and new syllabi of Ph D course work (Mathematics) were approved (Annexure -I).

**Item 13.3:** The course structure of New M. Sc. (Mathematics) programme along with its first-year syllabi presented in Annexure -I was also approved.

**Item 13.4:** The courses of M.Sc. (Mathematics) and Ph.D (Mathematics) presented in Annexure -II were found suitable for employability, skill development, Entrepreneurship for the students.

**Item 13.5:** Research Cell of the University recommended modification in the Syllabus of "Research Methodology" Course as well as recommended to introduce "Research and Publication Ethics" course in PhD Programme from the Session 2020-21.

Syllabi of both the courses were duly considered by the board and subsequently approved

**Item 13.6:** The credits of two Mathematics courses in B. Sc. (H) Chemistry I year were increased from 3 (3L-0T-0P) to 4 (3L-1T-0P) as per the requirement.





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The members of BoS recommended these courses for submission to Academic Council, GLA University for approval and implementation from the academic session 2020-21.

The meeting ended with thanks to the chair.

Dr. Manish Goyal

Member, BoS

Associate Head,

**Mathematics**

Head of the Department

**Mathematics**

Institute of Applied Sciences & Humanities

GLA University Mathura

CC: 1. Vice Chancellor

2. Pro-Vice Chancellor

3. Registrar

4. Dean (Academic Affairs') & Director, IAH

5. All BoS members





**Department of Agricultural Sciences**  
**Minutes of 2<sup>nd</sup> Meeting of Board of Studies**

Date- 11.06.2020

Time- 3:00 PM

Venue- Online Zoom Platform

**Members Present:**

- |   |  |
|---|--|
| 1. Prof V.S. Pundhir, Head & Chairman BoS   | 4. Dr. Vineeta Pandey, Internal Member BoS |
| 2. Prof. Pradeep Kumar, External Member BoS | 5. Dr. Md. Yaseen, Internal Member BoS     |
| 3. Dr. Dujeshwar, Internal Member BoS       |  |

The Chairman Board of Studies welcomed all the members and started proceedings of the 2<sup>nd</sup> meeting of BoS in accordance with the agenda note circulated earlier.

**Agenda Item- 2.1: To confirm the minutes of the 1<sup>st</sup> BoS meeting**

*The minutes of the meeting of 1<sup>st</sup> BoS held on November 25, 2019 were improved and enclosed as Annexure A.*

**Agenda Item – 2.2: Action Taken Report (ATR)**

*The following ATR based on the minutes of the 1<sup>st</sup> BoS were presented:*

Agenda Item	Description	Action Taken
1.	To consider and adopt important provisions for UG agriculture students in accordance with recommendation of V Dean's Committee of ICAR for regulating agricultural education in India.	Recommendations of V Dean's Committee implemented.
2.	To consider and approve the course curriculum (I and II sem.) for B.Sc. (Hons.) in agriculture degree program.	Approved Syllabi were implemented.
3.	To consider and approve inclusion of entrepreneurship skill development and employability of first year courses in B.Sc. (Hons.) agriculture degree program.	Approved
4.	To consider and approve inclusion of inviting external expert/ faculties for providing question papers for end term examinations.	
5.	To consider and approve inclusion of educational visit of B.Sc. students.	Suggestions were implemented.
6.	To consider and approve inclusion of feedback component received from stakeholders.	



**Agenda Item- 2.3: To consider and approve the course curriculum (III and IV sem.) for B.Sc. (Hons.) in agriculture degree program with all new courses. (Annexure II)**

*The experts and members of BoS critically observed and recommended the course curriculum (III and IV sem.) for B.Sc. (Hons.) in agriculture degree program with all new courses.*

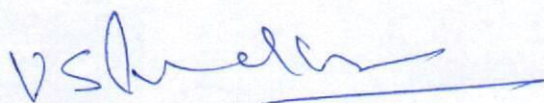
**Agenda Item- 2.4: To consider and approve the Program Electives offered by Department of Agricultural Sciences at Undergraduate level under the recommendations of V Dean's Committee of ICAR.**

*The experts and members of BoS discussed the elective courses designed by V Dean Committee of ICAR and found its significance for overall knowledge of the program to the students. Then it was recommended for the B.Sc. (Hons.) agriculture degree program by the experts and BoS members.*

**Agenda Item- 2.5: To consider and approve inclusion of entrepreneurship skill development and employability of II- year courses in B.Sc. (Hons.) agriculture degree program. (Annexure IV)**

*The experts and members of BoS discussed and agreed that II- year courses in B.Sc. (Hons.) agriculture degree program is designed for nurturing skills for entrepreneurial ventures and for better employment opportunities.*

The meeting ended with thanks to the Chair.



(V.S. Pundhir)  
Head  
Department of Agricultural Sciences

Copy to:      Chairman, Academic Council  
                 Registrar  
                 All the members of BoS





## Department of Agricultural Sciences

### Minutes of 1<sup>st</sup> Meeting of Board of Studies

Date- 25.11.2019

Time- 3:00 PM

Venue- Online Zoom Platform

#### Members Present:

1. Prof V.S. Pundhir, Head & Chairman BoS
2. Prof. Pradeep Kumar, External Member BoS
3. Dr. Dujeshwar, Internal Member BoS
4. Dr. Vineeta Pandey, Internal Member BoS
5. Dr. Md. Yaseen, Internal Member BoS

The Chairman Board of Studies welcomed all the members and started proceedings of the 1<sup>st</sup> meeting of BoS in accordance with the agenda note circulated earlier.

**Agenda Item- 1.1:** To consider and adopt important provisions for UG agriculture students in accordance with recommendation of V Dean's Committee of ICAR for regulating agricultural education in India.

*The experts and members of BoS discussed and recommended important provisions for UG agriculture students in accordance to V Dean's Committee of ICAR for implementing agricultural education in India.*

**Agenda Item- 1.2:** To consider and approve the course curriculum (I and II sem.) for B.Sc. (Hons.) in agriculture degree program with all new courses.

*The experts and members of BoS recommended the course curriculum after discussion (I and II sem.) for B.Sc. (Hons.) in agriculture degree program with all new courses.*

**Agenda Item- 1.3:** To consider and approve inclusion of entrepreneurship skill development and employability of courses in B.Sc. (Hons.) agriculture degree program.



*The experts and members of BoS discussed and agreed that the courses in UG syllabus are designed for nurturing skills for entrepreneurial ventures and for better employment opportunities.*

**Agenda Item- 1.4: To consider and approve inclusion of inviting external expert/ faculties for providing question papers for end term examinations.**

*The experts and members of BoS thoroughly checked recommendations of V Dean's Committee of ICAR and recommended to invite external expert/ faculties for providing question papers for end term examinations. It will enhance the mind skills of the students regarding questions arise from the syllabus as well as strengthen the examination system of the department.*


**Agenda Item- 1.5: To consider and approve inclusion of educational visit of B.Sc. students.**

*Educational visits will enhance the entrepreneur skills and ideas in agriculture sector which will help them to get employability. The experts and members of BoS discussed on educational visit by B.Sc. students as it is a part of curriculum and decided to retain the same.*

**Agenda Item- 1.6: To consider and approve inclusion of feedback component received from stakeholders.**

*The experts and members of BoS discussed and agreed on feedback received from stakeholders which include students, parents, alumni, industry experts, visitors, farmers and faculties so that it will strengthen the management system of the department.*

The meeting ended with thanks to the Chair.

  
(V.S. Pundhir)

Head

Department of Agricultural Sciences

Copy to:      Chairman, Academic Council  
                 Registrar  
                 All the members of BoS



# **3<sup>rd</sup> Meeting of Board of Studies**

**Sep 02<sup>nd</sup>, 2020**



**Institute of Legal Studies  
and Research  
GLA University, Mathura**



**Agenda Note for the 2<sup>nd</sup> Meeting of the Board of Studies –ILSR**  
**to be held on Sep 02<sup>nd</sup>, 2020**

Agenda Item – 1: To confirm the minutes of the 2<sup>nd</sup> BoS meeting

Agenda Item – 2: Action Taken Report (ATR)

Agenda Item –3: To discuss shifting to Trimester system from Semester system, Internship policy and Project-based learning system for 2 existing and upcoming batches (2018, 19 & 20):

Agenda Item – 4: To consider and approve changes for following subjects:

Agenda Item – 5 To consider and approve revised new courses/syllabi for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year for BA, LL.B ( Hons.) & B.Com, LL.B ( Hons.)

Agenda Item-6: To consider and approve the courses focusing on skill development/entrepreneurship/employability of B.A.LL.B (H) and B.Com. LL.B.(H) program.

Agenda Item: 7: To consider and approve modification in one course and to introduce one new course in PhD Programme, as recommended by the Research Cell of the University

Agenda Item – 8: Any other item with the permission of the chair



# Institute of Legal Studies and Research

No.: GLAU/ILSR/BOS/2020-21/01

2<sup>nd</sup> September, 2020

## Minutes of meeting of the 3<sup>rd</sup> Meeting of Board of Studies held on September 2<sup>nd</sup>, 2020

An online meeting on the approval of a five-year trimester system, internship and project-based learning policy, course structure and the first three-year syllabi for BA, LL.B (H) and B.Com, LL.B (H) of the Institute of Legal Studies and Research (ILSR), GLA University was held on 2<sup>nd</sup> September 2020 via the Zoom platform.

Following members were present.

1. **Prof. Avinash Dadhich**, Dean, Institute of Legal Studies & Research, GLA University, Mathura
2. **Prof. Ashish Sharma**, Associate Dean (Academic Affairs), GLA University, Mathura
3. **Prof. V.K. Ahuja**, Professor of Law, Faculty of Law, Delhi University
4. **Prof. Ajay Kumar**, Professor of Law & Dean Academic Affairs, Chanakya National Law University, Patna
5. **Dr. Rajan Kumar**, Associate Professor of Political Science, Centre for Russian and Central Asian Studies, School of International Studies, Jawaharlal Nehru University, New Delhi
6. **Dr. Birpal Singh**, Assistant Professor of Sociology at National Law Institute University, Bhopal
7. **Dr. Viral Pandya**, Co-Dean of Faculty and Academic Affairs & Associate Professor of Management, Gujarat National Law University

At the outset, the Chairman of BOS, Prof. Avinash Dadhich, Dean, ILSR & Prof. Ashish Sharma, Associate Dean (Academic Affairs) welcomed the Members for attending the 3<sup>rd</sup> meeting of the Board of Studies at ILSR to initiate the proceedings of BoS following the agenda note circulated earlier.

### **Agenda Item – 1: To confirm the minutes of the 2<sup>nd</sup> BoS meeting**

*The minutes of the meeting of 2<sup>nd</sup> BoS held on July 28<sup>th</sup>, 2019 was confirmed.*

### **Agenda Item – 2: Action Taken Report (ATR)**

*The ATR based on the minutes of the 3<sup>rd</sup> BoS is as follows:*



Agenda Item	Description	Action Taken
1	To confirm minutes of the 2 <sup>nd</sup> meeting of BoS	Confirmed.
2.	Action Taken Report (ATR)	
3	To consider and approve proposal for switching from Semester to Trimester system & internship policy and Project-based learning system.	Proposal for switching from Semester to Trimester system & Internship policy and Project-based learning system were approved.
4	To consider and approve changes in Law and Non-Law subjects	Suggestions were incorporated and approved Syllabi were implemented.
5.	To consider and approve syllabi for 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> year for BA, LL.B (Hons.) & B.Com, LL.B (Hons.)	Suggestions were incorporated and approved Syllabi were implemented
6	Any other item with the permission of the chair	No item has been reported

**Agenda Item –3: To discuss shifting to Trimester system from Semester system, Internship policy and Project-based learning system for 2 existing and upcoming batches (2018, 19 & 20):**

BoS members appreciated the proposed trimester, internship policy & project-based learning framework as providing a comprehensive model of education in which due emphasis would be given to research papers, moot court and project-based evaluation process. With the following findings and recommendations they suggested this adjustment for current and future students at ILSR:

1. This change is as per the 2008 BCI Education Rules and ILSR does not entail any regulatory danger in this trimester framework. Project-based learning Policy is enclosed as **Annexure –A**
1. Faculties should provide the students with good encouragement and mentoring for projects, moot court and research papers.
2. Providing all students with 2 compulsory and 1 optional internship per year would bring practical knowledge and law-learning to students. However, as per internship policy, this internship should be supervised accordingly. Internship Policy is enclosed as **Annexure –B**

**Agenda Item – 4: To consider and approve changes for following subjects:**



The members of the BOS made useful remarks, and suggested the proposed course structure for Five Year BA LLB (H) and B.Com. LLB (H) and Syllabi for papers on offer in the first 3 years of 5 years programmes.

#### **Suggestions in Law Subjects Syllabi:**

- Legal Hindi: Add Conveyance Deed in Module II
- Company Law: Add introduction of Insolvency and Bankruptcy Code, 2016 under the Winding Up topic.
- Property Law and Easement Law: Add Equity and Trust Law in Module II of the Syllabus
- Law of Torts: Add enactment year of the Consumer Protection Act.
- Contract Law II: Add Specific Relief Act in the syllabus.
- Labour Law I: Deduct some part from Module I related to the origin and introduction of industrial relation
- Labour Law II: Explains the area to be covered in the given legislation.
- Constitutional Law, syllabus of Trimester I should be swapped with Trimester II
- Law of Taxation: Provisions of Constitution of India related to tax and GST should be added.
- Administrative Law: A book by Stanley De Smith should be added in the textbook section

#### **Suggestions in Non- Law Subjects Syllabi:**

- **Political Science -I**  
Political Theory and Political ideologies will be in the first module. In political ideology, it will consist the followings ideologies e.g. Liberalism, Socialism, Marxism, Feminism. In Module II, it will include Classical Indian Political Thought
- **Political Science-II**  
In this paper, in the first module, major debates on the political obligation are incorporated. In the second module, Gandhian thought on political obligation as well as rights and obligation are incorporated.
- **Political Science-III**  
In this paper, some suggestions are made for bifurcation of topics as module wise. The Constitution and Constitutionalism were placed in the first module.
- **Political Science-IV**  
In this paper, the party system was placed in the first module. Major issues in Indian Politics are elaborated in the second module.
- **Political Science-VII**  
No major changes are included. The syllabus is fine.
- **Political Science-VIII**  
In this paper, major changes were made. In the first module, four major theories of IR are incorporated. Second, India and major powers. India and international organizations are incorporated.
- **Sociology Paper I**



Add Karl Marx and Max Weber and the historical and socio-economic background of the emergence of sociology.

- **Sociology Paper III**

Add Law and marginalized sections in India (Women, Children and Indigenous People)

- **History Paper I**

Politics, Society and Culture in Ancient India were incorporated in the first module. The Justice and legal institutions are included in the first module. In the Second module, Politics, Society and Culture in Medieval India was included as per suggestions in the meeting.

- **History Paper-II**

The evolution of law in British India and Legal Institutions were incorporated in the first module. Constitutional Developments and Framing of the Indian Constitution and Modern and Contemporary India are included in the second module.

- **History Paper III**

Latin and Roman Judicial system, The French Revolution, *Magna Carta* were incorporated in the first module. American Revolution and first WW and WW II are focused on the second module.

**Agenda Item – 5** To consider and approve new courses/revised syllabi for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year for BA, LL.B (Hons.) & B.Com, LL.B (Hons.)

*The syllabi after incorporation of all suggestions by the BoS members are enclosed as Annexure C*


**Agenda Item-6:** To consider and approve the courses focusing on skill development/entrepreneurship/employability of B.A.LL.B (H) and B.Com. LL.B.(H) program.

List attached as Annexure-D

**Agenda Item-7:** Research Cell of the University recommended modification in the Syllabus of "Research Methodology" Course as well as recommended to introduce "Research and Publication Ethics" course in PhD Programme from the Session 2020-21. Syllabi of both the courses were duly considered by the board and subsequently approved.

**Agenda Item – 8: Any other item with the permission of the chair**

*No item has been reported*

  
**Prof. (Dr.) Avinash Dadhich**  
D. Litt (France), Ph.D (UK) & ILVP Fellow (USA)  
Professor of Law  
Chairperson, BOS  
Institute of Legal Studies and Research  
GLA University, Mathura  
Dean, ILSR, GLA University

Copy to: Chairman, Academic Council  
Dean, Academic Affairs  
Registrar  
All the members of BoS



**Institute of Applied Sciences & Humanities**  
**Department of Biotechnology**

**Agenda for 10<sup>th</sup> Meeting of Board of Studies**

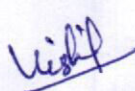
Date- 20-06-2020

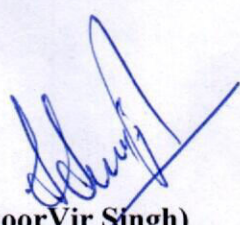
Time- 11:00 AM

Venue- Chamber of HOD Biotechnology, GLA University, Second Floor VI Block

**Agenda Items-**

1. Approval and Confirmation of the minutes of last meeting.
2. Approval of modified syllabi of B.Sc. (Hons.) Biotechnology programs.
3. Discussion and Approval of course structure and the detailed syllabi for the first year of B. Tech Biotechnology.
4. Approval of courses imparting employability/entrepreneurship/skill development in the B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology) programs.
5. To consider and approve introduction of CBCS (choice based credit system) in the III year of B.Sc. (Hons.) Biotechnology.
6. To consider and approve introduction of new courses in the B.Sc. (Hons.) Biotechnology, program.
7. To consider and approve modification in one course and to introduce one new course in PhD Programme, as recommended by the Research Cell of the University.
8. Agenda with permission of the chair.

  
(Dr. Vishal Khandelwal & Dr. Alok Brardwaj)  
Secretary

  
(Prof. Shoorvir Singh)  
Chairman



**GLA University  
Institute of Applied Sciences & Humanities  
(Department of Biotechnology)**

**Minutes of the 10<sup>th</sup> Meeting of Board of Studies**

Date- 22.06.2020

Time- 11:00 AM

Venue- Chamber of HOD Biotechnology, GLA University, Second Floor VI Block

**Members Present-**

- Prof. A.S. Vidyarthi, Director, NanhiPariSeemant Engineering Institute, Pithoragarh
- Prof. Birinchi K. Sarma, Dept. of Mycology and Plant Pathology, BHU, Varanasi
- Dr. Vimala Prakash, IPL Biologicals Limited, Gurgaon, Haryana
- Prof. Ashish Sharma, Associated Dean Academics, GLAU, Mathura.
- Prof. PiyushSinghal, Head- Dept. of Mechanical Engineering, GLAU, Mathura.
- Prof. Vinay Deolia, Head- Dept. of Electronics & Communication Engineering, GLAU, Mathura.
- Prof. B.R.K. Gupta, Head- Dept. of Physics, GLAU, Mathura.
- Prof. Deepak Kumar Das, Head- Dept. of Chemistry, GLAU, Mathura.
- Dr. Sanjay Maurya, Associate Head, Electrical Engineering, GLAU, Mathura.
- Dr. Vipin Dubey, Assistant Professor, Dept. of Mathematics, GLAU, Mathura.
- All faculty members, Dept. of Biotechnology, GLAU, Mathura.

**Sub.: Meeting of Board of Studies B. Tech Biotechnology, B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. Microbiology & Immunology).**

Sir,

It is to inform you that the meeting of Board of Studies in the subject of B. Tech Biotechnology, B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. Microbiology & Immunology has been fixed on 22 June, 2020 at 11:00 am in the Chamber of undersigned.

The agenda in meeting will include:



1. Approval and Confirmation of the minutes of last meeting.
2. Approval of modified syllabi of B.Sc. (Hons.) Biotechnology programs.
3. Discussion and Approval of course structure and the detailed syllabi for the first year of B. Tech Biotechnology.
4. Approval of courses imparting employability/entrepreneurship/skill development in the B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology) programs.
5. To consider and approve introduction of CBCS (choice based credit system) in the III year of B.Sc. (Hons.) Biotechnology.
6. To consider and approve introduction of new courses in the B.Sc. (Hons.) Biotechnology, program.
7. Agenda with permission of the chair.

### **Discussion & Suggestions:**

#### **Agenda No. I**

Minutes of last meeting has been approved and confirmed

#### **Agenda No. II**

#### **Approval of modified syllabi of B.Sc. (Hons.) Biotechnology.**

On the basis of various feedbacks received from different stakeholders (Employer, Student, Faculty and Alumni) the revision/up gradation/modification in syllabus of existing courses in various programs is proposed as follows:

<b>Programme</b>	<b>No. of Courses under consideration for revision</b>	<b>Name of the Courses under consideration for revision</b>
B.Sc. (H) Biotechnology	2	<ul style="list-style-type: none"> <li>• Human Physiology</li> <li>• Environmental Biology</li> </ul>

The member considered and approved the same.

Syllabi of above courses are enclosed as Annexure-I.

#### **Agenda No. 3**

#### **Discussion and Approval of course structure and the detailed syllabi for the first year of B. Tech Biotechnology.**

(a) Approval of the course structure with particular emphasis on credits with respect to Humanities and social sciences, Basic Sciences, Engineering Sciences, Program Core, Program Electives, Open Electives, Project Work and Mandatory Non Graded Course



(i) Detailed course structure of B. Tech Biotechnology was placed by Head of Department in front of members of BOS for their suggestions and approval. Expert members of BOS have suggested and approved total credits i.e. 184 to be taught in entire B. Tech Biotechnology program. BOS members approved percentage wise distribution of credits as Humanities and social sciences (25), Basic Sciences (24), Engineering Sciences (28), Program Core (48), Program Electives (26), Open Electives (16) and Project Work (17).

**(b) Approval of the syllabus with modification as suggested and recommended by members of BOS**

Detailed syllabi of B. Tech Biotechnology first year were placed by Head of Department in front of members of BOS for their suggestions and approval. Expert members of BOS have suggested following suggestions for approval of syllabi of B. Tech Biotechnology.

- Members of BOS suggested that nomenclature of Elementary Mathematics II should be Mathematics II, taught in second semester of B. Tech Biotechnology and was approved.
- Members of BOS agreed to merge two subjects i.e. Biomolecules and Biochemistry of program core and was approved.
- BOS members suggested the merger of Animal Biotechnology Lab and Plant Biotechnology Lab and was approved. Members of BOS agreed the inclusion of new subject Bioprocess Engineering Lab in program core and was approved
- Members of BOS proposed that new subject Food Technology should be included in program core and was approved
- BOS members suggested modification in the nomenclature of Program electives with Genetic Engineering Bouquet. Members proposed the introduction of new subject Host-Pathogen interaction in Genetic Engineering Bouquet. Members agreed to separate Virology and Cancer Biology subject with two new subjects i.e. Virology and Cancer Biology. Molecular Diagnostics subject should be merged with Molecular Therapeutics with new nomenclature Molecular Therapeutics and Molecular Diagnostics and was approved.
- Members of BOS suggested the incorporation of Artificial Intelligence as new subject in Program electives with Bioinformatics Bouquet.
- Syllabus of above courses are enclosed as Annexure-II.

**Agenda No.4:**

**Approval of courses having focus on employability/entrepreneurship/skill development in B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology).**

Members considered and approve the same. Details enclosed as Annexure III.



**Agenda No. 5:**

**To consider and approve introduction of CBCS (choice based credit system) in the III year of B.Sc. (Hons.) Biotechnology.**

Members considered and approve the same. Details enclosed as Annexure IV.

**Agenda No. 6:**

**To consider and approve introduction of new courses in the B.Sc. (Hons.) Biotechnology, program.**

On the basis of feedback obtained from various stakeholders (Student, Alumni, Faculty and Employer) department presented detail of new courses to be introduced. After thorough discussion BOS approved the same. Details enclosed as Annexure V.

**Agenda No. 7:**

**To consider and approve modification in one course and to introduce one new course in PhD Programme, as recommended by the Research Cell of the University.**

Research Cell of the University recommended modification in the Syllabus of "Research Methodology" Course as well as recommended to introduce "Research and Publication Ethics" course in PhD Programme from the Session 2020-21. Syllabi of both the courses were duly considered by the board and subsequently approved. Details enclosed as Annexure VI.

**Agenda No. 8:**

**Any agenda with permission of the chair.**

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



(Dr. Vishal Khandelwal & Dr. Alok Bharadwaj)

Secretary



(Prof. Shoorvir Singh)

Chairman