



GLA  
UNIVERSITY  
MATHURA  
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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       | Chairperson & Director (IAH)        |
| 2. Prof. Manish Goyal      | Associate Head, Maths, member       |
| 3. Dr. Amit Prakash        | External Expert, NIT KKR (via mail) |
| 4. Prof. A. Pradhan        | Professor, Maths, member            |
| 5. Dr. Pooja Pathak        | Associate Professor, Maths, member  |
| 6. Dr. Ashish Sharma       | Associate Professor, Maths, member  |
| 7. Dr. Amit Kumar Saraswat | Assistant Professor, Maths, member  |
| 8. Dr. Ambuj Kumar Mishra  | Assistant Professor, Maths, member  |
| 9. Dr. Nisha Godani        | Assistant Professor, Maths, member  |
| 10. Dr. Mukesh Kumar       | 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.



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





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## ANNEXURE- I

### List of new courses introduced

S. No.	Name of new course
1	Real Analysis
2	Abstract Algebra
3	Ordinary Differential Equations
4	Linear Algebra
5	Programming in Python
6	Python Programming Lab
7	Statistical Analysis
8	Operational Research-I
9	Topology
10	Complex Analysis-I
11	Functional Analysis
12	Technical Writing
13	Statistical Analysis Lab with R-Programming
14	Random Variables and Software Tools
15	Computer Skills and Fluid Dynamics
16	Computational Methods for Fluid Dynamics
17	Foundations of Complex Analysis I
18	Research and publication Ethics

Head of the Department  
Mathematics  
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