



**GLA**  
UNIVERSITY  
MATHURA  
ESTABLISHED ON 12th April 2006

**Institute of Applied Sciences and Humanities**  
**Department of Mathematics**


5<sup>th</sup> July, 2019

Agenda items of the Twelfth Meeting of Board of Studies

Twelfth meeting of Board of Studies of the Department of Mathematics was held on 5<sup>th</sup> July, 2019 at 10:15 a.m. in R -218, Block VIII.

The agenda items of the meeting were as follows:

1. To confirm the minutes of the Eleventh Meeting of the Board of Studies held on July 11, 2018.
2. To approve the new subject codes of:
  - (a) Computer Skills, Tensor and Riemannian Geometry Ph D (Course Work) I Sem.
  - (b) Relativity and Cosmology Ph D (Course Work) II Sem.
  - (c) Inventory Modelling Ph. D. (Course Work) I Sem.
  - (d) Partial Differential Equations: Methods and Applications Ph. D. (Course Work) I Sem.
3. To discuss and approve the new syllabus of:
  - (a) Applied Mathematics for Chemists B. Sc. (H) Chem. I Semester
  - (b) Statistics and Numerical Methods B. Sc. (H) Chem. II Semester
  - (c) Algebra and Calculus B. Sc. (H) Phys. I Semester
  - (d) Advanced Mathematics B. Sc. (H) Phys. II Semester
  - (e) Computer based Numerical Techniques and Soft Computing Ph. D. (Course Work)
  - (f) Applied Statistics and Optimization Techniques Ph. D. (Course Work)
  - (g) Differential Geometry of Manifolds Ph. D. (Course Work)
  - (h) Riemann-Finsler Geometry Ph. D. (Course Work)
4. To consider and approve of the courses imparting employability/ entrepreneurship/skill development in the Ph.D. program.
5. Any other matter with the permission of the chair.

  
Dr. Manish Goyal  
Associate Head

Head of the Department  
Mathematics  
Institute of Applied Sciences & Humanities  
GLA University, Mathura



**Institute of Applied Sciences and Humanities**  
**Department of Mathematics**

5<sup>th</sup> July, 2019

Minutes of the Twelfth Meeting of Board of Studies

Following members were present in the 12<sup>th</sup> BoS meeting held on 5<sup>th</sup> July, 2019 at 10:15 a.m. in R-218, Block VIII:

1. Prof. A. K. Gupta	Chairperson & Director (IAH)
2. Dr. Manish Goyal	Associate Head, Maths, member
3. Prof. J. K. Singh	External Expert
4. Prof. A. Pradhan	Professor, Maths, member
5. Dr. Pooja Pathak	Asso. Prof., Maths, member
6. Dr. Ashish Sharma	Asso. Prof., Maths, member
7. Dr. Nisha Godani	Asst. Prof., Maths, member
8. Dr. Sanjeev Gupta	Asst. Prof., Maths, invitee

Item 12.1: Minutes of 11<sup>th</sup> meeting were confirmed by the BoS. The syllabus of 'Business Statistics' (BMAS 0202) approved in last BoS for B. Com. LLB II Sem. could not run because Business Statistics (BCLC 0005) approved by Law council of India was implemented.

Item 12.2: Syllabi of 'Algebra and Calculus (BMAS 0502)' and 'Advanced Mathematics (BMAS 0503)' for B. Sc. (H) Chem. I year are discontinued from the session 2019-20 on the advice of members and Head, Chemistry.

Item 12.3: The new codes as per CBCS scheme for subjects of Ph D course work I year were also approved.


Item 12.4: The syllabi of other courses mentioned in agenda note were passed. The members of BoS recommended these courses for submission to Academic Council, GLA University for approval and implementation from the academic session 2019-20 (Annexure I).

Item 12.5: Members discussed in detail and approved courses imparting employability/ entrepreneurship/skill development in the Ph.D. program (Annexure II).



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The meeting ended with thanks to the chair.

  
Dr. Manish Goyal

Member, BoS

Associate Head,

Mathematics Department

Mathematics

Institute of Applied Sciences & Humanities  
GLA University, Mathura

CC: 1. Pro-Vice Chancellor

2. Registrar

3. Director, IAH

4. All BoS members



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ESTABLISHED IN 1975

## Annexure I

### List of New Courses introduced

Sr. No.	Name of the Courses
1	Computer based Numerical Techniques and Soft Computing
2	Applied Statistics and Optimization Techniques
3	Differential Geometry of Manifolds
4	Riemann-Finsler Geometry
5	Applied Mathematics for Chemists
6	Statistics and Numerical Methods
7	Algebra and Calculus
8	Advanced Mathematics

Head of the Department  
Mathematics  
Institute of Applied Sciences & Humanities  
GLA University, Mathura