

G. Narayanamma Institute of Technology and Science (AUTONOMOUS) (For Women)

DEPARTMENT OF HUMANITIES AND MATHEMATICS MEETING OF THE BOARD OF STUDIES held on 24/09/2022

Meeting of the Fifth Board of Studies of Discipline of Mathematics held on 24/09/2022 at 11:00 AM online Department of Humanities and Mathematics, GNITS

- The Board of Studies Meeting of Discipline of Mathematics has been instituted as per the UGC guidelines from June 2021 to June 2024 for a period of 3 Years with the following members :

Members Present

1. Dr. M. Nagasree, Sr. Assistant Professor, H&M – GNITS - Chairperson
2. Dr. V. Srinivasa Kumar, Sr.Asst. Professor - JNTUH - University Nominee
3. Dr. Puranam Anantha Lakshmi Narayana, Assoc. Professor, IIT, Hyderabad–Subject Expert
4. Prof. V.V. Haragopal, Visiting Faculty, BITS, Hyderabad– Subject Expert
5. Mr. Srinivasa Chary, Scientist G, DRDL, Hyderabad –Industry Member
6. Dr.P.Aparna, Professor & HOD, H&M - Member
7. Ms. HaripriyaMalladi, Application Development Manager, Accenture - Alumnae Member
8. Dr. M. MadhaviLata, Associate Professor, H&M – GNITS –Internal Member
9. Dr. NVSL Narasimham, Associate Professor, H&M – GNITS – Internal Member

The meeting of BOS of Discipline of Mathematics was held on 24th September, 2022 at 11.00 AM through online with the agenda mentioned .

AGENDA

1. To review the revised Academic Regulations of GNR-22 in tune with National Educational Policy [NEP]-2020.
2. To ratify and approve the Course structure of the following Courses offered by Discipline of Mathematics for B. Tech as per GNR-22 Regulations.
 - a. Linear Algebra and Multi variable Calculus[LAMC]
 - b. Numerical Techniques and Transform Calculus [NTTC]
 - c. Probability and Statistics [P&S]
 - d. Mathematical Analysis [MA]
 - e. Transform Techniques and Applications [TTA]
 - f. Probability Theory and Stochastic Processes [PTSP]
 - g. Discrete Mathematics [DM]
 - h. Introduction to Data Analytics [IDA] *Open Elective III year II semester*
3. To ratify and approve the Syllabi of the courses offered by Discipline of Mathematics for B.Tech. as specified against the Agenda 2 from (a to g).

Following are the 'Minutes of the BoS Meeting, and the associated resolutions' for B.Tech. Programme:

1. Dr. M.Nagasree, BoS Chair, extended a cordial welcome to all the members of the BoS for Mathematics and introduced them to the Board.
2. The Proposed Academic Regulations of GNITS (GNR-22 Regulations) were presented.

3. After discussions, all the Members of the BoS for Discipline of Mathematics have unanimously approved the GNR-22 Academic Regulations.
4. The Four Year 8 Semester UG Degree Course Structure for B.Tech. with a total of 160 Credits, as per contents was briefed to the members.
5. The BoS Committee approved the BoS Chair to present the details pertaining to Course Contents of all the Subjects/Courses related to the 1st and 2nd years of B.Tech. Degree Course offered by Discipline of Mathematics for necessary approvals.
6. It is being brought to the notice of the BoS members that there is no percentage change in the course structure.
7. The **Course Structure** and **Titles of Courses** offered by the Discipline of Mathematics are **approved** by the members in accordance with Choice Based Credit System (CBCS) and National Educational Policy (NEP) 2020. However It was suggested to change the title of the subject **Mathematical Analysis** to **Special Functions and Complex Variable Theory** the remaining proposed titles are accepted.
 - a. Linear Algebra and Multi variable Calculus(LAMC)
 - b. Numerical Techniques and Transform Calculus [NTTC]
 - c. Probability and Statistics [P&S]
 - d. Special Functions and Complex Variable Theory [SFCVT]
 - e. Transform Techniques and Applications [TTA]
 - f. Probability Theory and Stochastic Processes [PTSP]
 - g. Discrete Mathematics [DM]
 - h. Introduction to Data Analytics [IDA] *Open Elective III year II semester]*
8. The BOS Committee formally authorised the BOS Chair of Mathematics to include any minor modifications or corrections needed for the UG Course Structure and Academic Regulations (2022) at later dates, if approved and recommended by the H&M Department Advisory Committee.
9. The BOS Committee formally authorised the BOS Chair of Mathematics to suggest the panel of Question Paper Setters, Examiners and Evaluators required for all the Subjects / Courses offered by H&M Department, and listed in the UG Course Structure (2022).
10. The following suggestions were made by the BOS Committee.
 - a. Few textbooks and reference books were suggested and are duly incorporated
 - b. Minor changes were suggested in the content of the syllabus and they are duly incorporated

M. Nagar
Dr. M. Nagasree
BOS – Chairperson

Encl :

1. Academic Regulations – GNR-22
2. Syllabi of the Courses offered by Discipline of Mathematics

S. No	Name and Designation of the Member	Signature
1	Dr. M.Nagasree	M. Nagasree
2	Dr. V. Srinvasa Kumar	V. Srinvasa Kumar
3	Dr. Puranam Anantha Lakshmi Narayana	Puranam Anantha Lakshmi Narayana
4	Prof. V.V. Haragopal	V.V. Haragopal
5	Mr. Srinivasa Chary	Srinivasa Chary
6	Dr.P.Aparna,	P. Aparna
7	Ms. HaripriyaMalladi	H. Haripriya
8	Dr. M. Madhavi Lata	Madhavi Lata
9	Dr. NVSL Narasimham	N. Narasimham