



## DEPARTMENT OF MATHEMATICS AND STATISTICS

Date: 24.03.2024

### Minutes of Board of Studies Meeting


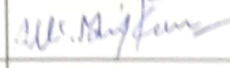

Department of Mathematics and Statistics has conducted the Board of Studies (BoS) meeting for the Mathematics and Statistics courses of B. Tech. program on 22.03.2024 at Research Scholar Cabin / III floor, Pharmacy Block from 02.00 pm to 05.00 pm under the chairmanship of the Head of the Department of Mathematics and Statistics along with the committee and external members with external invitees through google meet link (<https://meet.google.com/mxd-wvyo-rsh>).

#### Agenda of the BoS Meeting:

1. To Discuss and finalize the curriculum structure and detailed syllabus of B.Tech. Mathematics and Statistics for the regulation R22-C24.
2. To approve the R22 curriculum and syllabus of B.Tech. Mathematics and Statistics courses including electives and minors and to recommend to the Academic council.
3. Any other points with the permission of Chairperson.

The following members were present and the external members, invitees participated through online (google meet).

S. No.	Name of the Staff	Designation	Signature
1	Dr. P. L. N. Varma, Head & Professor of Mathematics	Chairperson	
2	Dr. V. R. K. Murthy, Professor of Mathematics	Internal Member (Dean, R&D Nominee)	
	Dr. N. Seshagiri Rao, Officiating Professor	Internal Member	
	Dr. P. Sudam Sekhar, Associate Professor of Mathematics	Internal Member	
	Dr. M. V. Subba Rao, Associate Professor of Mathematics	Internal Member	
	Dr. S. Hanumantha Rao, Associate Professor of Statistics	Internal Member	
	Dr. T. L. Yookesh, Assistant Professor of Mathematics	Internal Member	
	Dr. Chaitanya Priya, Assistant Professor of Statistics	Internal Member	

9	Dr. J. Veeranjanyulu, Assistant Professor of Mathematics	Internal Member (School Dean Nominee)	
10	Dr. U. V. Manoj Kumar, Assistant Professor of Mathematics	Internal Member	
11	Dr. Madhumangal Pal, Professor and Head, Dept. of Applied Mathematics with Oceanology and Computer Programming, Univ. Nodal Officer, AISHE, GOI, Vidyasagar University, Midnapur, West Bengal-721102 Mail: <a href="mailto:mmpalvu@gmail.com">mmpalvu@gmail.com</a> Mobile No.: +91 9832192207, +91 82500 02549	External Member	online
12	Dr. Poonam Singh, Professor, Department of Statistics, University of Delhi, Delhi. Email: <a href="mailto:Psingh93@gmail.com">Psingh93@gmail.com</a> Mobile No.: +91 9810009868	External Member	online
13	Dr. E. D. Boobalan, Project Coordinator cum Data Scientist, DNEG Tek Meadows, Tower A, 2 <sup>nd</sup> Floor, No. 51, Sholinganallur, Chennai-600 119 Mail: <a href="mailto:boobalanstat@gmail.com">boobalanstat@gmail.com</a> Mobile No.: +91 99949 55446	External Member (Invitee)	online
14	Prof. Uma Padan Pal, Computer Vision & Pattern Recognition Unit, Indian Statistical Institute, Kolkata-700 108. Email: <a href="mailto:umapada@isical.ac.in">umapada@isical.ac.in</a> Phone: 91-33-25752856	External Member (Invitee)	—
15	Dr. S. Parthiban, Associate Professor of Mathematics	Secretary (HOD Nominee)	

Chairperson **Dr. P. L. N. Varma**, Professor and Head, Department of Mathematics and Statistics, VFSTR opened the meeting by welcoming and introducing the external members, invitees to the internal members. Chairperson presented about the *NEP 2020 Compliant Regulation - R22* which emphasis on creating *learning centric* (continuous learning and continuous assessment model), offering B.Tech.

**The following points were discussed in the BoS meeting:**

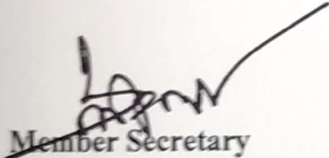
1. Existing syllabus and LTP structure for Regulation R22.
2. Curriculum Credit structure.
3. Electives and streams/pools.
4. Minor / Honor courses.
5. About whether the pattern of the syllabi can be same or different for Bio and Non-bio students.
6. Suggestions and updates from the expert members were noted and corrected in the syllabi.
7. Discussed about scope and relevance of topics, teaching methodology and quality of questions/assessment.


The following resolutions made after the discussion:

1. BoS Members approved the revised regulations, curriculum structure, syllabus of B.Tech. Mathematics and Statistics courses and it follows based on the NEP 2020. Curriculum structure is provided in Appendix-I.
2. Two Minor courses have been introduced through 20 more credits with additional courses.
3. The curriculum is encompassing the courses that enable employability or entrepreneurship or skill development, provided in Appendix- II.
4. The significant changes are made in the content of all courses and hence the courses are considered as new courses provided in Appendix- III.
5. Total average percentage of syllabus revised was 35% compared to previous curriculum.

Based on the feedback from various stakeholders and suggestions given by the members, the Chairperson of BoS told that, those fruitful suggestions would be incorporated appropriately in the curriculum and syllabi of the regulation R22 and this will be recommended to the Academic Council of VFSTR for the approval.

There being no further points for discussion, the Chairperson thanks all the external, internal, invited members and announced that the meeting was adjourned.

  
Member Secretary

  
Chairperson