KAMARAJ ®
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam — 625 701 (Near **VIRUDHUNAGAR).**

DEPARTMENT OF MATHEMATICS

MINUTES OF THE FOURTH BOARD OF STUDIES MEETING

DATE: 10th **March, 2022, Thursday**   **Time:** 2.00 pm – 3.30 pm
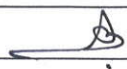
PLATFORM: MS TEAMS

Meeting Link:

https://tinyurl.com/fourth-bos-meeting-maths
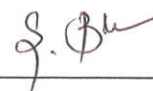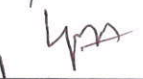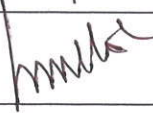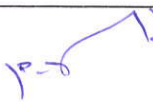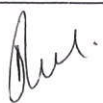
IN ATTENDANCE:

S.No	Name of the Expert	Designation	Capacity
1	Dr. A. Bhaskaran	Professor and Head Department of Applied Physics, Head - Campus Safety and Security, Sri Venkateswara College of Engineering, Sriperumbudur - 602117	Overall Coordinator of First year Board
2	Dr. B. Thilaka	Professor, Department of Applied Mathematics Sri Venkateswara College of Engineering, Sriperumbudur- 602117	Anna University Nominee
3	Dr. R. Asokan	Professor, Department of Mathematics, Madurai Kamaraj University, Madurai	Academic Council nominated BoS Members
4	Dr. V. Lakshmana Gomathi Nayagam	Associate Professor, Department of Mathematics, National Institute of Technology, Thiruchirapalli-15	

S.No	Name	Designation	Capacity
1	Dr. R. Suresh Babu	Dean Academics, Kamaraj College of Engineering and Technology (Autonomous), Virudhunagar.	Special Invitee

FACULTY OF MATHEMATICS		INTERNAL MEMBERS	
S.No	Name of the Faculty	Designation	
1	Dr. A. Maheswari	HoD / Maths	
2	Dr. K. Thanalakshmi	HoD / First year Associate Professor / Maths	
3	Dr. N. Kamatchi	Associate Professor / Maths	
4	Dr. A. Thamilisai	Assistant Professor / Maths	
5	Dr. N. Mehala	Assistant Professor / Maths	
6	Dr. S. Brindha	Assistant Professor / Maths	
7	Dr. S. Gopinath	Assistant Professor / Maths	
8	Mr. K.M. Sathishkumar	Assistant Professor / Maths	
9	Mrs. M. Geetha	Assistant Professor / Maths	
10	Mr. P. Pandiaraj	Assistant Professor / Maths	
11	Mrs. C. Revathy	Assistant Professor / Maths	
12	Mrs. K. Ananthi	Assistant Professor / Maths	
13	Mrs. P. Mala	Assistant Professor / Maths	
14	Mrs. S. Meenakshi	Assistant Professor / Maths	

THE MINUTES:

The fourth Board of Studies of the Department of Mathematics was conducted on 10.03.2022 in online mode from 02.00 pm to 3.30 pm.

Dr. A. Maheswari, Head / Department of Mathematics, gave the welcome address. She welcomed all the External members of BoS, Special Invitees and the Faculty members of the Department of Mathematics to the 4th BOS meeting.

DISCUSSIONS:

1. Dr. A. Maheswari, Head / Department of Mathematics, read the Third Board of Studies meeting minutes and pointed out the actions taken. The Board members noticed the changes made as per their suggestions. Subsequently, the same was approved.

2. Dr. A. Thamilisai presented the proposed II semester mathematics syllabus of Vector calculus and Laplace Transform

    i. All the BoS members appreciated the syllabus and approved the same.

    ii. A query was raised, by Dr. V. Lakshmana Gomathi Nayagam, as why the topics analytic functions and complex integration were not mentioned in the title of the paper.

    iii. Dr. B. Thilaka and Dr. A. Bhaskaran also opined that the course name must be changed to Vector calculus, complex integration and Laplace transform.

    iv. All the BoS members agreed to the above points.

3. Dr. A. Thamilisai presented the proposed III semester mathematics syllabus of Linear Algebra and Boundary value problems.

4. When the syllabus for Linear algebra and Boundary value problems was presented,

    i. Dr. B. Thilaka commented that Unit –V deals with numerical solution of boundary value problems with higher order thinking level for understanding. So she suggested to introduce some basic concepts relevant to finite difference solution of second order ordinary differential equation.

    ii. Dr. V. Lakshmana Gomathi Nayagam also accepted her point and proposed to include the topic difference operators as an introduction of unit V.

    iii. All the BoS members agreed to the proposed syllabus after the above said modifications had been done.

5. Dr. A. Thamilisai presented the proposed III semester mathematics syllabus of Transforms and Boundary value problems

   i. Dr. V. Lakshmana Gomathi Nayagam commented that this paper has been designed for III semester which needs higher order thinking skills for students but the corresponding basic concepts are in the fourth semester paper Numerical methods and probability which is not coherent.

   ii. Dr. R. Asokan accepted his points.

6. Ms. M. Geetha presented the proposed IV semester mathematics syllabus of Discrete Mathematics and Probability.

7. When the syllabus for Discrete Mathematics and Probability was presented,

   i. Dr. B. Thilaka suggested that the topic-Geometric distribution in the unit Probability and random variables needs to be included because when students are exposed to Poisson Processes, they will deal with the inter-arrival time which is exponential distribution. Since its discrete counterpart is geometric the students need to be exposed to this distribution too.

   ii. Dr. R. Asokan opined to carry out the above mentioned change in all the probability relevant papers.

   iii. The BoS members appreciated and approved the syllabus.

8. Ms. M. Geetha presented the proposed IV semester mathematics syllabus for Numerical methods and Probability.

   i. Dr. V. Lakshmana Gomathi Nayagam suggested that I – Unit covers the basic concepts of numerical methods which may be replaced in the III semester course particularly for EEE students.

   ii. Dr. B. Thilaka opined that probability concepts like curve fitting, correlation and regression may be added as unit-V.

9. Ms. M. Geetha presented the proposed IV semester mathematics syllabus of Probability and Random process.

   i. BoS members appreciated and approved the syllabus.

10. Ms. M. Geetha presented the proposed IV semester mathematics syllabus of Probability and statistics.

    i.   Dr. B. Thilaka opined to include the topic central limit theorem without proof in Unit-II, as it is the base for large sample tests.

    ii.   Dr. V. Lakshmana Gomathi Nayagam also accepted her point.

    iii. BoS members appreciated and approved the syllabus.

11. Ms. M. Geetha presented the proposed IV semester mathematics syllabus of Probability, statistics and Numerical Methods.

    i.   BoS members approved the syllabus after minor modifications.

12. Dr. R. Asokan accepted all the points discussed and the Board of Studies members approved the syllabus.

13. Dr. A. Maheswari, HoD / Maths informed that the BoS approved syllabus will be presented in the academic council meeting for implementation.

14. Dr. K. Thanalakshmi, HoD / First year proposed the vote of thanks to all the external and internal expert members.

BoS Co-ordinators   **HoD / MATHS**