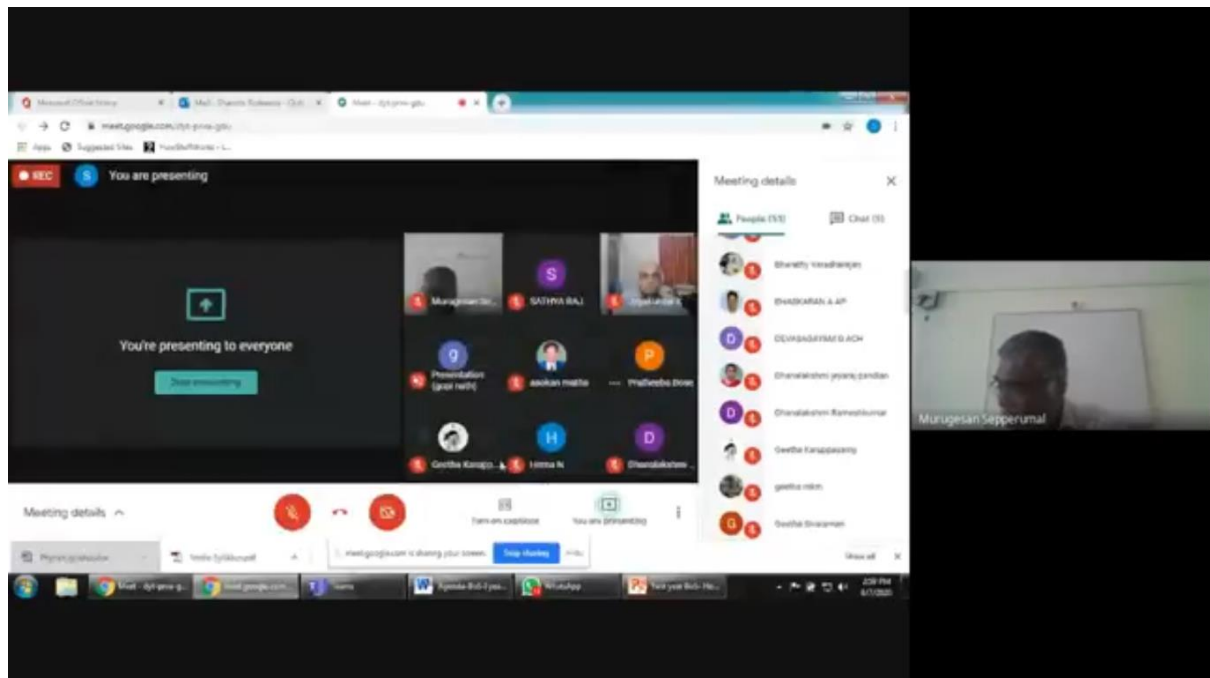


## ANNEXURE XIII

### DEPARTMENT OF MATHEMATICS





(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), Madurai District.

**DEPARTMENT OF MATHEMATICS**

**Minutes of Meeting –First Draft –BoS–7<sup>th</sup> August, 2020**

**MINUTES OF THE 1<sup>st</sup> ONLINE MEETING**

**BOARD OF STUDIES OF MATHEMATICS**

**DATE:**7<sup>th</sup> August, 2020, Friday

**Time:** 2.30 PM –5.30 PM

**PLATFORM :** GOOGLE MEET

**Meeting Link:** <https://meet.google.com/dyt-prva-gdu>

**IN ATTENDANCE:**

S.No	Name of the Expert	Designation	Capacity
1	Dr.B. Thilaka	Professor, Department of Applied Mathematics Sri Venkateswara College of Enigneer- ing, Sriperumputhur.	Anna University Nominee
2	Dr. R.Asokan	Professor, Department of Mathematics, Madurai Kamaraj University, Madurai	Academic Council nominated BoS Members
3	Dr.V. Lakshmana Gomathi Nayagam	Department of Mathematics, National Institute of Technology, Thiruchirapalli-15	

<b>FACULTY OF MATHEMATICS</b>	<b>MEMBERS</b>
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S.No	Name of the Faculty	Designation
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**DEPARTMENT OF MATHEMATICS**  
**Minutes of Meeting –First Draft –BoS–7<sup>th</sup> August, 2020**

1	Dr. K. Thanalakshmi	HoD/MATHS
2	Dr. N. Kamatchi	Associate Professor/Maths
3	Dr.A. Maheswari	Associate Professor/Maths
4	Dr. A. Thamilsai	Assistant Professor / Maths
5	Dr. N. Mehala	Assistant Professor / Maths
6	Dr. S. Brindha	Assistant Professor / Maths
7	Mr. K.M. Sathiskumar	Assistant Professor / Maths
8	Mrs. M. Geetha	Assistant Professor / Maths
9	Mr. P. Pandiaraj	Assistant Professor / Mths
10	Mrs. C.Revathy	Assistant Professor / Maths
11	Mrs.K.Ananthi	Assistant Professor / Maths
12	Mrs.P. Mala	Assistant Professor / Maths
13	Mrs. S. Meenakshi	Assistant Professor / Maths



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### DEPARTMENT OF MATHEMATICS

#### Minutes of Meeting –First Draft –BoS–7<sup>th</sup> August, 2020

14	Mr. S. Gopinath	Assistant Professor / Maths
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#### THE MINUTES:

The First Board of Studies of the First year was conducted on 7.08.2020 through online mode at 2.30 PM – 6.00 PM. Dr. K. Geetha, First Year Coordinator, welcomed all the expert members and presented the overview of the institution, programmes offered in the institution and student profile. Dr. K. Geetha also presented the proposed R2020 - First year curriculum framework for all first year Undergraduate (UG) programmes.

#### DISCUSSIONS:

1. Dr. K. Thanalakshmi, Head/Department of Mathematics introduced the Board of Studies members to the faculty.
2. Dr.K.Thanalakshmi, presented the syllabus of Mathematics courses for I year(Both UG & PG)
3. On presenting the syllabus of Engineering Mathematics I, Dr.V.Lakshmana Gomathi Nayagam enquired about the repetition of basic concepts of Differentiation and Integration as they would have been already covered in School syllabus and added that it may be boring for good students.
4. Dr.K.Thanalakshmi replied that these are the basic concepts for engineering students; however students from higher secondary level generally do not come with proper understanding.
5. Anna University Nominee Dr.B.Thilaka suggested that the syllabus should cater to the heterogeneity of the students. She asked to include an extra topic on applications which can lead the students to appreciate the relevance of their syllabus to various fields ranging from data analytics to predictive analytics.
6. Dr.V. Lakshmana Gomathi Nayagam suggested to include the basic concepts of Differentiation and Integration in the Bridge course and asked to add application topics as a section in the end of each unit.
7. Dr. B. Thilaka, Anna University Nominee opined that the students should learn Mathematics by using its applications from day1.



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### DEPARTMENT OF MATHEMATICS

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8. The syllabus of Engineering Mathematics II was presented. Dr. V. Lakshmana Goma-thi Nayagam suggested to reduce the content in Unit IV complex integration. Use of circular contour and semicircular contour with no poles on the real axis should be re-moved. Other members also accepted his suggestions.
8. The members also prescribed Erwin Kreyszig book on Advanced Engineering Math-ematics as a reference book mentioning it as a better book for mathematical founda-tion.
9. The members suggested to give exposure to MATLAB and Mathematica to the stu-dents by including Hands on training programs in the syllabus.
10. When the syllabus of PG courses namely Applied mathematics for Communication Engineers, Applied mathematics for Power system Engineers, Applied Statistics for Biotechnology and Advanced Mathematical Methods were presented, the BoS mem-bers were satisfied as it was the combination of the required topics for research work.
11. When the syllabus of Applied mathematics in Manufacturing, Dr.B.Thilaka suggested to include bivariate and correlation topics which is a base for regression analysis in M.E Manufacturing Engineering syllabus. Also she suggested to include at least 1 hour Hands on training on regression and ANOVA leading to predictive analysis.
12. BoS Members suggested that separate meetings may be conducted for each subject after the common introduction of all experts to have better discussions in the corresponding sub-jects.
13. Dr.N.Pratheeba, Head/Department of English proposed vote of thanks to all the external and internal expert members.