



Bapatla Engineering College

(Autonomous)

Mahatmaji Puram, BAPATLA-522102, Guntur (Dt.), A.P., INDIA

Sponsored by the Bapatla Education Society

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Approved by AICTE: Affiliated to Acharya Nagarjuna University

Minutes of the meeting of Board of Studies in Mathematics held on 20-07-2018 at 11:00 am in the Chamber of the Head, Department of Mathematics, Bapatla Engineering College, Bapatla.

Members present for the meeting:

1. **Dr. P. Vijaya Saradhi**
Associate Professor, Department of Mathematics
BEC, Bapatla.

P.V. Saradhi
Chairman

2. **Dr. Y.N. Reddy**
Professor,
Department of Mathematics,
National Institute of Technology, Warangal

Y.N. Reddy
Member

3. **Dr. K. Siva Prasad**
Assistant Professor
Department of Mathematics
ANU, Guntur

K. Siva Prasad
Member

4. **Dr. T. Srinivasa Rao**
Associate Professor, Department of Mathematics
BEC, Bapatla.

T. Srinivasa Rao
Member

5. **Dr. K.V.L.N. Acharyulu**
Associate Professor, Department of Mathematics
BEC, Bapatla.

K.V.L.N. Acharyulu
Member

6. **Sri. N. Karunakar**
Assistant Professor, Department of Mathematics
BEC, Bapatla.

N. Karunakar
Member

7. **Dr. Noorbhasha Rafi**
Asst. Professor, Department of Mathematics
BEC, Bapatla.

N. Rafi
Member

8. **Mrs. M. Srujana**
Asst. Professor, Department of Mathematics
BEC, Bapatla.

M. Srujana
Member

9. **Sri I. Pothuraju**
Asst. Professor, Department of Mathematics
BEC, Bapatla.

I. Pothuraju
Member

10. **Miss. K.Nagamani**
Asst. Professor, Department of Mathematics
BEC, Bapatla.

K. Nagamani
Member

11. **Miss.S.V.Vasavi**
Asst. Professor, Department of Mathematics
BEC, Bapatla.

S. Vasavi
Member

12. **Miss. SK. Khammar Jahan**
Asst. Professor, Department of Mathematics
BEC, Bapatla.

sk. Khammar Jahan
Member

Dr.K. Viswanadha Reddy, Professor, Dept. of Mathematics, S.V. University, Tirupathi.
Dr.B.Satyanarayana, Assistant Professor, Dept. of Mathematics, ANU.
& **Sri.M.Ravindra**, Senior Scientist, TRDDC; Chennai could not attend the meeting.

The following items were on the agenda for discussion:

1. The new syllabus for the course, **Engineering Mathematics-I** (common to all branches) of the first semester of first B. Tech.
Code: **18MA101**
2. The new syllabus for the course **Engineering Mathematics-II** (common to all branches) of the second semester of first B. Tech.
Code: **18MA201**
3. The new syllabus for the course **Engineering Mathematics-III** (common to all branches) of the first semester of second B. Tech.
Code: **18MA301**
4. The new syllabus for the course **Engineering Mathematics-IV (CSE /ECE & EIE)** of the second semester of second B. Tech.
Code: **18MA401**

Chairman, BOS, after welcoming the members for the meeting, presented the details of the agenda to the members.

The following resolutions were passed in the Board of Studies meeting:

1. BOS members recommended strongly to replace 'Differential Calculus' in Engineering Maths-IV with 'Series Solution of Differential Equations and Special functions' (Sections:16.1,16.2, 16.3,16.4, 16.5,16.6, 16.7, 16.8,16.9, 16.11) from the prescribed Text Book: B.S.Grewal, "Higher Engineering Mathematics", 44th edition, Khanna publishers, 2017) and also rearrange the Units according to the importance of the topics in Engg. Mathematics-IV.
2. BOS members suggested to rename all the titles of the courses of Engineering Mathematics with the names of the concerned subjects like Linear Algebra, Differential Equations, Complex Analysis ,Probability and statistics etc (if possible).
3. The new syllabus for the course, '**Linear Algebra and Ordinary Differential Equations**'(Old title: "**Engineering Mathematics-I**") of the first semester of first B. Tech. (common to all branches) mentioned in the item (1) of the agenda was thoroughly discussed and approved the same syllabus. **Code: 18MA101**
Herewith a copy of it is enclosed.
4. The new syllabus for the course, '**Numerical Methods and Advanced Calculus**'(Old title: "**Engineering Mathematics-II**") of the second semester of first B. Tech. (common to all branches) mentioned in the item (2) of the agenda was thoroughly discussed and approved the same syllabus. **Code: 18MA201**
Herewith a copy of it is enclosed.
5. The new syllabus for the course, '**Probability and Statistics**' (Old title:"**Engineering Mathematics-III**") of the first semester of second B. Tech. (common to all branches) mentioned in the item (3) of the agenda was thoroughly discussed and approved the same syllabus. **Code: 18MA301**
Herewith a copy of it is enclosed.
6. The new syllabus for the course, '**Complex Analysis and Special Functions**' (Old title: "**Engineering Mathematics-IV**") of the second semester of second B. Tech only for ECE, CSE andEIE) mentioned in the item (4) of the agenda was thoroughly discussed and approved the modified syllabus. **Code: 18MA401**
Herewith a copy of it is enclosed.
7. The chairman is authorized to finalize the model papers, paper setters and examiners for all courses of B. Tech Examinations.

The Chairman, BOS, thanked the members before concluding the meeting.

P.V. Saradhi 20/7/18.
**Chairman, Board of Studies &
Head, Dept. of Mathematics, B E C**

Copy to:
The Principal, Bapatla Engineering College
PA to President, Bapatla Education Society
Members, Board of Studies