



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited With 'A' Grade by NAAC

Jeppiaar Nagar, Rajiv Gandhi Salai (OMR), Chennai – 600 119, Tamil Nadu. India.



SCHOOL OF SCIENCE AND HUMANITIES

DEPARTMENT OF MATHEMATICS

MINUTES OF BOARD OF STUDIES MEETING

VENUE: HALL NO: 4, CENTRAL LIBRARY, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY.

DATE: 21st MAY 2018

TIME: 10.00 A.M. TO 3.00 P.M.

EXTERNAL MEMBERS

Dr. V. KUMARAN, Professor, Department of Mathematics, NIT Trichy.

Dr. KRISHNAMOORTHY VSSNVG Somanchi, Professor and Head, Department of Mathematics, Defence Institute of Advanced Technology, Pune.

INTERNAL MEMBERS:

Dr. S. GANESH, Professor and Head

Dr. M. NIRMALA, Associate Professor

Dr. R. RAJESWARI, Professor

Dr. R. PARAMESWARI, Assistant Professor

Dr. C. KAVITHA, Assistant Professor

The BOS meeting was held on 21st of May 2018 to revise the syllabus for all courses in Mathematics for B.E./ B.Tech programme to be implemented from June 2019.

- **Dr. S.Ganesh greeted the external member Dr.V.Kumaran and the internal staff members of BOS.**
- **The morning session began with the discussion of syllabus revision for all courses in Mathematics for B.E./ B.Tech programme .**

- A copy of the syllabus framed by the internal BOS members was sent in advance to the external members for their perusal.
- During the meeting the external board member reviewed and discussed the syllabus. The topics in each subject were decided based on the relevance to the corresponding branch. And the following suggestions were given during the meeting

1. Number of electives can be increased for B.E/ B.Tech courses.
2. Papers like Discrete Mathematics and Fuzzy Logic, Optimization techniques, Computation techniques, Transforms can be included in electives.
3. More foreign author references can be included.
4. **Engineering Mathematics-I (Code: SMT1101):**
In Unit IV the topic Ordinary Differential Equations was replaced by the topics properties of definite integrals, Beta and Gamma functions and titled as Integral calculus I. In Unit V, Three dimensional Analytical Geometry was replaced by the topic double and triple integration with their applications and titled as Integral calculus II.
5. **Engineering Mathematics-II (Code: SMT1105) :**
In Unit I, Multiple Integrals was replaced by the topic Ordinary Differential Equations. In unit II, Beta and Gamma Integrals was replaced by the topic Fourier transformation.
6. **Discrete Mathematics and Numerical Methods (Code: SMT1203):**
Unit IV and Unit V are interchanged.
7. **Engineering Mathematics-IV (Code: SMT1204) :**
In unit III, Newton Raphson Method for solving algebraic equations in two variables has been included.
8. **Probability and Statistics (Code: SMT1205):**
In unit V, the topic Mean chart has been included in Statistical quality control.

- All the suggestions discussed in the meeting were noted down for incorporating the changes in the syllabus.
- The meeting ended with vote of thanks by Dr.S.Ganesh.

Signature of the Members

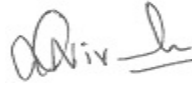
1. Dr.V. KUMARAN



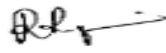
2. Dr. S. GANESH



3. Dr. M. NIRMALA



4. Dr. R. RAJESWARI



5. Dr. R. PARAMESWARI



6. Dr. C. KAVITHA

