



PRAGATI ENGINEERING COLLEGE (Autonomous)

[Approved by AICTE, New Delhi & Permanently Affiliated to JNT University, Kakinada]
[Conferred with 'A' Grade by NAAC & Recognized under 2(f) and 12(b) of UGC Act]
1-378, ADB Road, Surampalem, E.G. District., A.P. - 533 437

DEPARTMENT OF BASIC SCIENCES & HUMANITIES

Date: 19-09-2023

6th BOARD OF STUDIES MEETING OF MATHEMATICS

AGENDA:

1. Discussion on proposed B.Tech First Year course structure, course syllabi of R23 regulations and ratification of the same.
2. Ratification of the proposed model question papers for internal and external examinations of theory courses.
3. Discussion on the ratification of new courses introduced in R23 regulations.
4. Discussion on the ratification of Courses Objectives, Course Outcomes and CO-PO mapping.
5. Finalization of textbooks and reference books.
6. Discussion on Action Taken Report as per the suggestions given by the stake holders.
7. Any other item.

MINUTES OF THE MEETING:

The Board of studies (BOS) meeting of MATHEMATICS was held on 19-9-2023 at 10AM through Online Modeto discuss the points present in the agenda. The members of BoS discussed thoroughly on the agenda points and details are presented below.

Proceedings:

- To include the topic Taylor's and Maclaurin's series in Unit-III of "Linear Algebra and Calculus".
- To include applications of Gradient in Unit -IV of "Differential Equations and Vector Calculus".
- To include the topic Scalar potential in Unit -V of "Differential Equations and Vector Calculus".

Members of BoS:

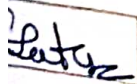

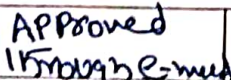

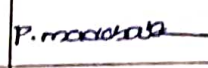
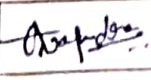
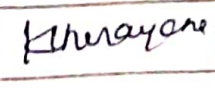
		Approved By e-mail				
Mr. T. Satyanarayana (Chairman)	Dr. V. Ravindranath (University nominee)	Dr. G.P. Raja Sekhar (Subject Expert)	Dr. V. Ananta Lakshmi (Subject Expert)	Mr. P. Madhubabu (Member)	Mr. A. Nagendra (Member)	Mr. K. Venkatanarayana (Member)

- To make FIVE course outcomes instead of FOUR so that each CO maps to one unit in "Differential Equations and Vector calculus" in I B.Tech II Semester.
- To include the book titled "Advanced Engineering Mathematics" by H. K. Dass S.Chand publications 22nd edition as a reference book in both the semesters.

Resolutions:

- "Linear Algebra and Calculus" syllabus is accepted with all the suggested changes in JNTUK syllabus of R-23.
- "Differential Equations and Vector Calculus" syllabus is accepted with all the suggested changes in JNTUK syllabus of R-23.
- For both the semesters of Mathematics the book titled "Higher Engineering Mathematics" by H.K Dass was included in reference books.
- All the model mid question papers and end examination papers are accepted for both the semesters as it is.

Members of BoS:

		APPROVED 				
G. Satyanarayana (Chairman)	Dr. V. Ravindranath (University nominee)	Dr. G.P. Raja Sekhar (Subject Expert)	Dr. V. Ananta Lakshmi (Subject Expert)	Mr. P. Madhubabu (Member)	Mr. A. Nagendra (Member)	Mr. K. Venkatanarayana (Member)