

Dear Sir/Madam,

Greetings from

Department of Mathematics, KPR Institute of Engineering and Technology


Thanks for your interest to participate in a Six day Faculty Development Programme on "Applications of Mathematics in Engineering" from 20<sup>th</sup> July, 2020 to 25<sup>th</sup> July 2020 (Everyday at 10.30 AM to 11.30 AM)

Youtube Link:

S.No	Date	Resource Person & Topic	YouTube Link
1	20.07.2020	Dr. KASI VISWANADHAM K N S Professor Finite Element Method	<a href="https://youtu.be/1T2fbbDWWWho">https://youtu.be/1T2fbbDWWWho</a>
2	21.07.2020	DR. RAMANA MURTHY J V Professor Convection-Diffusion Equations	<a href="https://youtu.be/Ov0VxQEeVUXk">https://youtu.be/Ov0VxQEeVUXk</a>
3	22.07.2020	Dr. Y.N. Reddy Professor Difference Equations and Their Applications	<a href="https://youtu.be/Ui4IGH8IFIE">https://youtu.be/Ui4IGH8IFIE</a>
4	23.07.2020	Dr. D. SRINIVASACHARYA Professor Adomain decomposition Method	<a href="https://youtu.be/Rm8bCYrylBQ">https://youtu.be/Rm8bCYrylBQ</a>
5	24.07.2020	Dr. HARI PONNAMMA RANI Associate Professor Application of Finite Volume Methods in Engineering	<a href="https://youtu.be/AwX93jfeG9k">https://youtu.be/AwX93jfeG9k</a>
6	25.07.2020	Dr. P. MUTHU Associate Professor & HOD Numerical Solution of Navier-Stokes Equations : Two Dimensional Flow in Square Cavity	<a href="https://youtu.be/Awj0g2gD5JY">https://youtu.be/Awj0g2gD5JY</a>

E- Certificate will be provided to all the participants who will attend & fill the feedback form

Feedback link will be shared to your registered mail id on 26<sup>th</sup> July 2020.

  
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Department of Humanities and Mathematics

2020-21

REPORT ON

Faculty Development Programme (FDP) on "Applications of Mathematics in Engineering"

Date of program: 20-07-2020 to 25-07-2020

Resource person: 1) Dr. KASI VISWANADHAM K N S 2) DR. RAMANA MURTHY J V 3) Dr. Y.N. Reddy  
4) Dr. D. SRINIVASACHARYA 5) Dr. HARI PONNAMMA RANI 6) Dr. P. MUTHU

About the Program:

The FDP was very useful for all mathematics faculty and had insights to applications of Mathematics in Engineering. Dr Kasi Viswanadham gave an inaugural speech on Applications of Finite Element Method. Dr Ramana Murthy took session on "Convection-Diffusion Equation". Dr Y.N.Reddy spoke on "Difference Equations and their Applications". Dr.D.Srinivasacharya took session on "Adomain Decomposition Method" Other topics were Applications of Finite Volume Methods in Engineering and Numerical Solutions of Navier-Stoes Equations: 2D Flow in Square Cavity. All sessions were very useful and I am very thankful for my management and Principal for their support to attend this FDP.

A. Sreedhar  
Asst.Prof.,H&MDept.,  
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