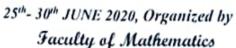
19-20



One Week National Level Faculty Development Program On

"MATHEMATICAL MODELING & SIMULATION"



Faculty of Mathematics (Department of Applied Sciences & Humanities)

(MM&S-June, 2020)

Schedule of FDP

Day-1	11:00 - 11:15 Hrs	11:15-12:30	13:15-14:30 Hrs
THURSDAY 25/06/2020	Inaugural Session	Session-I: PLENARY TALK "Mathematical Modeling", by Dr.B.S.LAKSHMI, Visiting Professor IIIT, Hyderabad	
Day-2	BAR COMMISSION	11:00 - 12:30 Hrs	13:15-14:30 Hrs
Friday 26/06/2020	Session-II: "Simulation- An overview" by Dr.G.Jaya Sree Professor & Head, Dept of statistics, University College of Science, Osmania University.		
Day-3	11:00 - 12:30 Hrs		13:15-14:30 Hrs
SATURDAY 27/06/2020	Session-III: "Numerical simulation- shooting techniques" by Dr.B.Mallikarjuna, Assistant professor, Dept of Mathematics, BMS college of Engineering, Bengaluru, Karnataka		
Day-4	11:00 – 12:30 Hrs		13:15-14:30 Hrs
SUNDAY 28/06/2020	Session-IV: "Applications of PDEs", by Dr.M.V.Ramana Murthy, Professor(Retd), Dept of Mathematics, University college of Science, Osmania University		Session-V: "Mathematical Modeling: Applications to biofluid dynamics", by Dr.Radha Krishnama-charyulu", Professor(Retd) NITW & NIT(T), presently professor at IIIT (D&M), Kurnool, Dept of Mathematics, IIIT Kurnool, AP.
Day-5	11:00 – 12:00 Hrs		12:15-13:30 Hrs
MONDAY 29/06/2020	Session -VI: "Experimental Data Analysis using MATLAB" by Dr.G.L.Kameswari, Asst.Prof, Dept.of.Mathematics, MVSREC		Session -VII: "Modeling Data using R" By Dr. A. V. Krishna Prasad, Assoc- prof, MVSREC
Day-6	11:00 -12:15 hrs		12:15- 12:45 Hrs
TUESDAY 30/06/2020	Session -VIII: " Modeling of Physical systems in MATLAB/SIMULINK" by Dr.S.P. Venu Madhava Rao, Professor & Head, Dept.of.ECE, MVSREC		VALEDICTORY FUNCTION

Dr.G.Lakshmi Kameswari

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Sharkeet Hyderada - 500 104

(HEAD, AS&H Dept)

Dr.A.R.Subrahmanyam

(CONVENOR)



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women) (AUTONOMOUS)

Shaikpet, Hyderabad - 500104

Department of Humanities and Mathematics

2019-20

REPORT

Faculty Development Programme on "Mathematical Modeling and Simulation"

Date of program: 25-06-2020 to 30-06-2020

Resource person: 1) Dr. B.R.Lakshmi 2) Dr. G.Jaya Sree 3) Dr.B.Mallikarjuna 4) Dr.M.V.Ramana Murthy 5) Dr.G.L.Kameswari 6) Dr. Radhe Krisnma-charyulu 7) Dr.A.V.Krishna Prasad 8) Dr.

S.P.Venu Madhava Rao

About the Program:

The Faculty Development Programme conducted by Department of Applied Sciences and Humanities, MVSR Engineering College was very useful for all academia. Many Eminent Personalities in the field of mathematics gave lectures on Mathematical Modeling and Simulation. The Plenary talk was given by Dr. B.R.Lakshmi on Mathematical Modeling. A session on Simulation- An Overview was taken by Dr. G. Jaya Sree. The other topics included Numerical Simulation-Shooting Techniques, Applications of PDE, Experimental Data Analysis using MATLAB and Modeling of Physical System in Matlab. The FDP made me explore new ideas and applications in the field of Mathematics and the importance of software MATLAB got an insightful of viewing equation outputs in-3D.

PRINCIPAL

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Asst.Prof.,H&MDept.,