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One Week National Level Faculty Development Program
On
"MATHEMATICAL MODELING & SIMULATION"
25th - 30th JUNE 2020, Organized by
Faculty of Mathematics

(Department of Applied Sciences & Humanities)


Schedule of FDP

(MM&S-June, 2020)

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	Contingency slot
Day-2	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.		Contingency slot
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		Contingency slot
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

(CONVENOR)


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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.


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