

Schedule of AICTE-ISTE Sponsored
One week Induction Programme on Artificial Intelligence and Deep Learning Phase I
Organized by
Rajasthan Institute of Engineering and Technology, Jaipur (5-11 January 2022)

| Date | Session 1 (9:00AM to 10:30 AM) | Session 2 (10:30AM –12:00PM) | Session 3 (1:00PM –2:30PM) | Session 4 (2:30PM-4:00PM) |
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| 5-1-2022 | Inauguration Ceremony | Introduction to Supervised learning and applications classifier Dr Rahul Kumar Chourasiya , MANIT Bhopal | Heuristic Algorithm Techniques Dr. Sandhya Arora, Cummins College of Engg for women,Pune | Introduction to Natural Language processing Dr. Satyendra Singh Chouhan, MNIT Jaipur |
| 6-1-2022 | Natural Language Processing techniques Dr. Satyendra Singh Chouhan ,MNIT Jaipur | Collaborative fuzzy clustering and its applications Dr. Mukesh Prasad, Senior Lecture, University of Technology Sydney | Constrained search problem, Max min search and Alpha Beta Pruning Dr. Latesh Malik,HoD,GCE,Nagpur | SVM classifier Dr Rahul Kumar Chourasiya , MANIT Bhopal |
| 7-1-2022 | Intelligent Drone Swarm Dr. J C Bansal, Associate Professor SAU,New Delhi | Decision Tree classifier Dr Rahul Kumar Chourasiya , MANIT Bhopal | LSTM, Bayesian Network Dr. Rajesh Kumar, Prof MNIT Jaipur | Intelligent video summary Generation :current challenges and future directions Dr. Tanveer Hussain, Sejong University |
| 8-1-2022 | Quality Assurance and Software Life cycle Mrs. Neelam Vijay, Juniper Networks,California | Data visualization and classifications using MATLAB Dr Rahul Kumar Chourasiya , MANIT Bhopal | AI based IOT cyber Security Mr. Dalbir Singh Dahiya, VP Products, Ensurity Technology | Hierarchical clustering of Text data Dr. Nitin Malik, Associate Prof. ,North Cap University Gurgaon |
| 10-1-2022 | Introduction to Deep Learning Dr Santosh Singh Rathore , AP,IIIT, Gwalior | GNN Dr. Rajesh Kumar, Prof MNIT Jaipur | CNN and Computer vision Dr. Chandra Prakash , NIT Delhi | Deep Learning for medical applications Dr. Kuldeep Singh,AP,MNIT Jaipur |
| 11-1-2022 | Expert Systems Dr Kumar Rahul ,NIFTEM,Sonepat | Nature inspired Algorithm Dr. Harish Sharma, RTU Kota | Sentiment analysis Dr Darshana Hooda, Head,UCS,DCRUST,Murthal | Review Session Prof. Saroj Hiranwal,RIET Jaipur |

Principal
(Prof. (Dr.) Saroj Hiranwal)