TEQIP-III

Sponsored

One Week Staff Development Program(SDP)
on

"Office Automation"

during
24th – 28th August, 2020 (Time 03:00 PM – 04:00 PM)

Jointly organized under Twinning Program
By

| Department of Computer Science and Engineering | Department of Computer Science and Engineering |
| Sant Longowal Institute of Engg. & Technology | National Institute of Technology |

Program Schedule	
Day 1 (24th August 2020)	**Microsoft Word** *Er. Rahul Gautam, AP(CSE), SLIET Longowal*
Day 2 (25th August 2020)	**PC Troubleshooting** *Mr. Gurmukh Singh, Sr. Tech. (CSE), SLIET Longowall*
Day 3 (26th August 2020)	**Microsoft Excel** *Er. Jatinderpal Singh, AP(CSE), SLIET Longowal*
Day 4 (27th August 2020)	**Internet Applications** *Er. Jaspal Singh, AP(CSE), SLIET Longowal*
Day 5 (28th August 2020)	**Google Forms** *Dr. Manminder Singh, AP(CSE), SLIET Longowal*

Five Days Online Short-Term Training Programme (STTP)
on
Recent Advances in Artificial Intelligence
Jointly Organized under Twinning Programme TEQIP-III
Organized By:
Department of Computer Science & Engineering, NIT, Uttarakhand
&
Department of Computer Science & Engineering, SLIET, Longowal
(27th – 31st July, 2020)
PROGRAMME SCHEDULE

July 27, 2020	
10:00 AM to 10:30 AM	***INAUGURATION***
10:30 AM to 12:00 Noon	**Speaker: Prof. Narendra S. Chaudhari** *Professor(HAG), Department of CSE, IIT Indore & Vice-Chancellor(On Deputation),UTU* **Topic: Artificial Intelligence and Deep Learning**
12:15 PM to 01:45 PM	**Speaker: Prof. R. K. Agarwal** *Professor, School of Computer & Systems Sciences, JNU Delhi* **Topic: Deep learning models and challenges**
July 28, 2020	
10:30 AM to 12:00 Noon	**Speaker: Dr. Emmanuel S. Pilli** *Head & Associate Professor, Department of CSE, MNIT Jaipur* **Topic: AI uses in IoTs**
12:15 PM to 01:45 PM	**Speaker: Prof. Rajesh Kumar,** *Professor, Department of Electrical Engineering, MNIT Jaipur* **Topic: Bayesian Models in AI**
July 29, 2020	
10:30 AM to 12:00 Noon	**Speaker: Dr. Sanjeev Kumar** *Associate Professor, Department of Mathematics, IIT Roorkee* **Topic: Computational Techniques in AI and Data Analytics**
12:15 PM to 01:45 PM	**Speaker: Dr. Puneet Goyal** *Assistant Professor, Department of CSE, IIT Ropar* **Topic: AI for Burns Diagnosis**
July 30, 2020	
10:30 AM to 12:00 Noon	**Speaker: Dr. R. K. Pateriya** *Associate Professor, Department of CSE, MANIT Bhopal* **Topic: Recent Machine Learning Algorithms**
12:15 PM to 01:45 PM	**Speaker: Dr. Sachin Tripathi,** *Head & Associate Professor, Department of CSE, IIT(ISM) Dhanbad* **Topic: Major Challenges and Opportunities in AI/ML**
July 31, 2020	
10:30 AM to 12:00 Noon	**Speaker: Dr. Mayank Pandey** *Associate Professor, Department of CSE, MNNIT Allahabad* **Topic: SDN Role in Dealing with AI Networks**
12:15 PM to 01:45 PM	**Speaker: Prof. R. Balasubramanian,** *Professor, Department of CSE, IIT Roorkee* **Topic: Applications of AI in Imaging and Vision**
01:45 PM to 2:00 PM	***FEEDBACK AND VALEDICTORY***

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Five Days Online Short-Term Training Programme (STTP)
on
Recent Advances in Artificial Intelligence
July 27-31, 2020

Jointly Organized under Twinning Program
By

Department of Computer Science & Engineering
National Institute of Technology, Uttarakhand, Srinagar (Garhwal) Uttarakhand -246174

Department of Computer Science & Engineering
Sant Longowal Institute of Engineering & Technology, Longowal Sangrur, Punjab-148106

Objectives of the STTP

Artificial Intelligence (AI) is a topic that has been getting a lot of attention, mostly because of the rapid improvement that this field has undertaken. Amazing innovations today are setting foundations for amazing achievements such as medical research and even flying cars. The objectives of this STTP are to provide the research community in the field of Information Technology and related areas with an opportunity for sharing their perception, presenting innovative applications, and projecting views on the emerging trends in AI. It also aims to bring together researchers and scientists to discuss problems and solutions in the area, to identify new issues, and to shape the future directions for research.

Topics
- Getting the big picture of AI
- AI in natural language processing
- AI in computer vision
- Advanced AI algorithms
- AI role in dealing with COVID-19 pandemic
- Key innovations in AI
- Major challenges and opportunities in AI

Resource Persons
Senior faculty from the reputed educational institutions / industry experts shall be covering the topics by delivering expert talks.

Prospective Participants
This online STTP is open for participants from industry and academia including faculty, research scholars, and post-graduate students. The numbers of participants for the course are limited and registration will be on first-come-first-serve basis.

Organizing Committee

Patrons
Prof. Shyam Lal Soni
Director, NIT, Uttarakhand

Prof. Shailendra Kumar Jain
Director, SLIET, Longowal

Co- Patron
Prof. Ajat Shatru Arora,   Dean (Academics) SLIET, Longowal

Convenors
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HoD (CSE), NIT Uttarakhand

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AP (CSE), SLIET Longowal

Mr. Surendra Singh
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Ms. Preetpal Kaur Buttar
AP (CSE), SLIET Longowal

Registration
- No registration fees for students/ Faculty/ Researchers from TEQIP Institutes.
- Rs. 500/- for students/ Faculty/ Researchers from Non-TEQIP institutes and Industry people.
- Registration Link: https://forms.gle/iHSvMSnzo7tZpJKx7
- Participants will get an E-certificate for attending the STTP.

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