Department of Information Technology, IGDTUW in Technical Collaboration with IBM

Organises

Faculty Development Program(FDP) cum Workshop on

"Artificial Intelligence and Speech Technology"

17-21st August, 2020

ESTEEMED SPEAKERS

Dr. S Sakti
NAIST, Japan

Mr. Jai Advani
Managing Director-PwC

Dr (Mrs.) Amita Dev
Vice Chancellor, IGDTUW

Prof. S. S. Agrawal
Emeritus Scientist-CSIR

Dr. P. K. Das
IIT Guwahati

Dr. Samudra Vijaya K
IIT Guwahati

Dr. Karunesh Arora
Sr. Director, CDAC Noida

Dr. Mani Madhukar
IBM Research Lab

This program aims to foster scientific exchange of ideas among the Experts, Professionals, Faculty members and Researchers to boost research temperaments and to learn about the advancements in AI driven solutions on Speech Technology. The program will focus on delivery of knowledge based on Human computer interaction, aspects of speech processing in different domains, research and development made in speech recognition tend voice generation activities with an excellent hands-on exposure on various Speech tools.

Register at: **https://forms.gle/iebmDEL2mT4xUSq87**

Last date of Registration: 14th August, 2020

Registration charges: Rs. 500/- Bank A/C No.: 09001000018949
Account Name: Registrar, IGDTUW   IFS Code: PSIB 0001098
Bank: Punjab and Sind Bank, GGSIPU, Kashmere Gate, Delhi 110006
Email: aistworkshop@igdtuw.ac.in
Course Coordinator: Dr Arun Sharma   Mob: 9899202168
For more details visit: https://www.igdtuw.ac.in

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PROGRAM SCHEDULE

Date	Time	Activity	Resource Persons
17.08.20 Monday	10:00-10:30 AM	Inauguration	
	10:30 – 11:15 AM	Breaking the Language Barrier- Need of the Hour	Dr. Amita Dev Vice Chancellor-IGDTUW
	11:15 – 12:15 PM	Artificial Intelligence in Strategy – An Industry Perspective	Mr. Jai Advani Managing Director-PwC
	02:00-04:00PM	Hands-on on Machine Learning by using Python	Dr. Niyati Baliyan, IGDTUW/ Dr. Mani Madhukar, IBM
18.08.20 Tuesday	10:00-11:00AM	Fundamentals of Speech Technology	Dr. S.S. Agrawal Emeritus Scientist-CSIR
	11:00-12:00	Speech Technology Tools and Technologies	Mr. Ashish Mittal IBM Research Lab
	02:00-04:00 PM	Training Speech Recognition Model with Open Source Toolkit	Ms. Shreya Khare IBM Research Lab
19.08.20 Wednesday	10:00-11:00	AI based Language Modeling	Dr. Samudra Vijaya K IIT Guwahati
	11:00–12:00 PM	Industry Use Case on Text to Speech	Ms Soumya Prasada IBM Software Labs
	02:00-04:00 PM	Watson Text to Speech hands on Lab	Mr Magesh Rajamani IBM Software Labs
20.08.20 Thursday	10:30-11:30AM	Speech Processing Technologies	Dr. S. Sakti, NAIST, Japan
	11:30-12:30 PM	Speech Analysis	Dr. P. K. Das , IIT Guwahati
	02:00-04:00 PM	Watson Speech to Text hands on lab	Ms. Shreeya Joshi IBM Software Lab
21.08.20 Friday	10:00-11:00	ML Based Language Modelling	Mr. Karunesh Arora Sr. Director. CDAC, Noida
	11:00-12:00	Speech Recognition System	Dr. Samudra Vijaya K IIT Guwahati
	02:00-04:00 PM	Hands-on Corpora development for speech recognition	Dr. Samudra Vijaya K IIT Guwahati
	04:00-04:30 PM	Valedictory Session	

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NOTE: Hard Copy of the Participation Certificate will be sent to all the participants.