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Department of Electronics and Communication engineering, NITK Surathkal

Online Summer School Workshop on "Machine and Deep Learning for Remote Sensing Applications"

National Institute of Technology, Karnataka organized a twelve day online Summer School Workshop on "*Machine and Deep Learning for Remote Sensing Applications*" from 5th July 2021 to 16th July 2021 coordinated by Dr. Shyam Lal Assistant Professor, Dept. of ECE, NITK, Dr. Aparna P., Assistant Professor, Dept. of ECE, NITK, Dr. Ramesh H, Associate Professor, Dept. of Water Resources and Ocean Engineering, NITK.

Dr. P. G Diwakar, Prof. Avik Bhattacharya, Prof. B S Daya Sagar, Dr. C.Sudhakar Reddy, Dr. Anil Kumar, Er. Nagajothi Kannan, Dr. Biplab Banerjee, Dr. Alok Bhardwaj, Dr. Rama Rao Nidamanuri, Prof. Saroj K. Meher, Mr. Ujaval Gandhi, Dr. Uttam Kumar, Er. Ujjwal Kumar Gupta, Dr. Ramesh H, Dr. Jeny Rajan Dr. Shyam Lal have delivered lectures during the event.



Resource persons



Dr P.G. Diwakar

Dr P.G.Diwakar is a distinguished Scientist and Director, Earth Observation and Disaster Management (EDPO), ISRO HQ, Bangalore, India. He received his Ph.D degree in “Participatory Geomatics”, from National Institute of Technology, Surathkal, Karnataka.



Prof. Avik Bhattacharya

Prof. Avik Bhattacharya is a Professor in Centre of Studies in Resources Engineering (CSRE) at Indian Institute of Technology Bombay Powai, Mumbai. He has received his joint Ph.D from Télécom Paris-Tech,, France and INRIA, France in 2007.



Prof B S Daya sagar

Prof B S Daya sagar is a Professor (Higher Administrative Grade) in Systems Science and Informatics Unit (SSIU) at Indian Statistical Institute. He is a recipient of "IEEE GRSS Certificate of Appreciation - 2021, "IEEE Geoscience and Remote Sensing Society (GRSS) Distinguished lectureship Award (2020-2023), "Georges Matheron Award (with Lecturership)-2011 of International Association for Mathematical Geosciences (IAMG)" and "IAMG Certificate of Appreciation – 2018".



Dr C Sudhakar reddy

Dr C Sudhakar reddy is a Scientist SG and Head of the Forest Biodiversity and Ecology Division at National Remote Sensing Centre ISRO, Balanagar, Hyderabad.



Dr. Anil Kumar

Dr. Anil kumar is a Scientist/Engineer – SG in the Department of Photogrammetry and Remote Sensing at Indian Institute of Remote Sensing ISRO, Dehradun.



Er. Nagajothi Kannan

Er. Nagajothi Kannan is a Scientist-SF at Regional Remote Sensing Centre, ISRO, Bangalore.



Prof Biplab Bannerjee

Prof Biplab Bannerjee, is an Associate Professor at the centre of Machine Intelligence and Data Science, IIT Bombay.



Dr. Alok Bhardwaj

Dr. Alok Bhardwaj is an Assistant Professor at Indian Institute of Technology, Roorkee.



Dr. Rama Rao Nidamanuri.

Dr. Rama Rao Nidamanuri is a Professor at IIST, Trivandrum, Kerala. He received his Ph.D degree from Indian Institute of Technology, Roorkee in 2006.



Dr. Saroj Kumar Meher

Dr. Saroj Kumar Meher is an Associate Professor in Systems Science and Informatics Unit, at Indian Statistical Institute, Bangalore Centre,



Mr. Ujaval Gandhi

Mr. Ujaval Gandhi is the founder of Spatial Thoughts, Bangalore.



Dr. Uttham Kumar

Dr. Uttham Kumar is an Assistant Professor at IIIT Bangalore. He received his Ph.D degree in Algorithms for Geospatial Data Analysis from Indian Institute of Science (IISc), Bangalore.



Er. Ujjwal Kumar Gupta

Er. Ujjwal Kumar Gupta is a Scientist-SD at Space Application Centre ISRO, Ahmedabad.



Dr Ramesh H

Dr Ramesh H is an Associate Professor in the Department of Water Resources and Ocean Engineering at National Institute of Technology Karnataka. He received his Ph.D degree from National Institute of Technology Karnataka in 2008



Dr. Deepu Vijayasenan

Dr. Deepu Vijayasenan is an Associate Professor in the Department of Electronics and Communication Engineering at National Institute of Technology Karnataka. He received his Ph.D degree from Indian Institute of Science, Bangalore.



Dr. Jeny Rajan

Dr. Jeny Rajan is an Assistant Professor at National Institute of Technology - Karnataka, Surathkal. He received his Ph.D degree from University of Antwerp, Belgium in 2012. He was honored with young system scientist award.



Dr Shyam Lal

Dr Shyam Lal is an Assistant Professor in the Department of Electronics and Communication Engineering at National Institute of Technology Karnataka. He received his Ph.D degree from Birla Institute of Technology, Mesra in 2013.

Online IEEE Workshop on "Advances in Nanophotonic devices & Sensors"(2nd IEEE WANS - 2021)

National Institute of Technology, Karnataka organized a five day online webinar on Online IEEE Workshop on "*Advances in Nanophotonic devices & Sensors*" from 4th October 2021 to 8th October 2021 coordinated by Dr. Mandeep Singh, Assistant Professor, Dept.of ECE, NITK and Prof. Muralidhar Kulkarni, Professor, Dept. of ECE, NITK.

Prof. Venu Gopal Achanta and Dr. Niranjana U C were the resource persons of the event.

Resource persons



Prof. Venu G. Achanta is a Professor in the Department of Condensed Matter Physics and Material Sciences at Tata Institute of fundamental research, Mumbai.

Prof. Venugopal Achanta



Dr. Niranjana U.C is an adjunct faculty and Director of Research & Training at Manipal Dot Net Pvt. Ltd., Manipal. He holds a PhD degree in Electrical Science from the Indian Institute of Science, Bangalore. He received Young Investigator Award from ICSE Conference, Arizona in 1996.

Dr. Niranjana U.C

Online Faculty Development Programme on " Recent Trends in Free Space Optics and its Applications (RFA-2021)"

National Institute of Technology, Karnataka organized a five day online Faculty development programme on "*Recent Trends in Free Space Optics and its Applications (RFA-2021)*" from 4th October 2021 to 8th October 2021 coordinated by Dr. Prabu K, Assistant Professor, Dept. of ECE, NITK. Dr. Shyam Lal, Assistant Professor, Dept. of ECE, NITK and Dr. Sandeep Kumar, Assistant Professor, Dept. of ECE, NITK.

Dr. Swaminathan R was invited as the resource person for this event.

Resource person



Dr Swaminathan R is an Assistant Professor at Indian Institute of Technology, Indore. He received his Ph.D degree from Indian Institute of Technology Kharagpur in 2016.

Dr Swaminathan R

Online Faculty Development Programme on "Applications of Artificial Intelligence in Digital Histopathology"

National Institute of Technology, Karnataka organized a five day online Faculty development programme on "*Applications of Artificial Intelligence in Digital Histopathology*" from 13th December 2021 to 17th December 2021 coordinated by Dr. Shyam Lal, Assistant Professor, Dept. of ECE, NITK, Dr. Sandeep Kumar, Assistant Professor, Dept. of ECE, NITK, Dr. Prabu K, Assistant Professor Dept. of ECE, NITK.

Prof. Amit Sethi, Prof. Jyoti Kini, Dr. K.B. Vatsala, Dr. Shyam Lal, Dr. Jeny Rajan, Dr. Arulalan Rajan, Mr. Rajesh Ranjan, Dr. Anand Kumar M and Mr. Amit Kumar Chanchal were the resource persons of this event.

Resource persons



Dr. Amit Sethi

Dr. Amit Sethi is a Professor at Indian institute of technology, Bombay. He received his Ph.D degree from Electrical and Computer Engineering University of Illinois at Urbana-Champaign in 2005. He has received Microsoft Young Faculty Award (India) in 2011 and Facebook Ethics in AI award: "Patient-Centric Frameworks for AI-Enabled Medical Tests," in 2019.



Dr Jyoti R Kini

Dr. Jyoti R Kini is a Professor of Pathology and Member of Faculty Research Forum at KMC, Mangalore.



Dr. K.B. Vatsala

Dr. K B Vatsala is an Assistant Professor in the Department of Pathology at KMC Mangalore



Dr. Anand Kumar M

Dr. Anand Kumar M is an Assistant Professor in the Department of Information Technology, NITK-Surathkal. He received his Ph.D Degree from Amrita Vishwa Vidyapeetham .



Dr. Jeny Rajan

Dr. Jeny Rajan is an Assistant Professor at National Institute of Technology - Karnataka, Surathkal. He received his Ph.D degree from University of Antwerp, Belgium in 2012. He was honored with young system scientist award.



Dr Shyam Lal

Dr Shyam Lal is an Assistant Professor in the Department of Electronics and Communication Engineering at National Institute of Technology Karnataka. He received his Ph.D degree from Birla Institute of Technology, Mesra in 2013.



Mr. Amit chanchal

Mr. Amit chanchal is a research scholar at National Institute of Technology, Karnataka, Surathkal.

Mr. Rajesh Ranjan is the head of the Marketing at Catalyst Biotech. Mumbai.

Wearables and Machine learning in Epilepsy - Online lecture series on Challenges in Biomedical Research

National Institute of Technology, Karnataka organized a one day online lecture series on challenges in Biomedical Research “***Wearables and Machine learning in Epilepsy***” on 31st December 2021 co-ordinated by Prof. Sumam David, Professor, Dept. of ECE, NITK and Dr. Deepu Vijayaseenan, Associate Professor, Dept. of ECE, NITK.

Dr Zulfi Haneef was invited as the resource person of this event.

Resource person



Dr Zulfi Haneef

Dr Zulfi Haneef is an Associate Professor in the Department of Neurology and Director of Epilepsy Centers of Excellence, Houston, Texas.

Machine Learning for flow cytometry-Online lecture series on *Challenges in Biomedical Research*

National Institute of Technology, Karnataka organized an one day online lecture series on challenges in Biomedical Research “*Machine Learning for flow cytometry*” on 7th January 2022 coordinated by Prof. Sumam David, Professor, Dept. of ECE, NITK and Dr. Deepu Vijayaseenan, Associate Professor, Dept. of ECE, NITK.

Dr Thiagarajan Perumal was invited as a resource person of this event.

Resource person



Dr Thiagarajan Perumal

Dr Thiagarajan Perumal is a Professor of Medicine and Pathology at Baylor College of Medicine, and Director of Transfusion Service and Hematology Laboratory Houston, Texas.

Challenges of using Machine Learning to Predict Outcomes in Neurological Diseases- Online lecture series on *Challenges in Biomedical Research*

National Institute of Technology, Karnataka organized an one day online lecture series on challenges in Biomedical Research “*Challenges of using Machine Learning to Predict Outcomes in Neurological Diseases*” on 10th January 2022 coordinated by Prof. Sumam David, Professor, Dept. of ECE, NITK and Dr. Deepu Vijayasanan, Associate Professor, Dept. of ECE, NITK.

Dr Pitchaiah Mandava was invited as a resource person of this event.



Resource person



Dr Pitchaiah Mandava

Dr Pitchaiah Mandava is a Professor at Baylor College of Medicine and Chief of Neurology at Michael E. DeBakey VA Medical Center, Houston, Texas .

