

**DATE: 26-03-2021, March 26<sup>th</sup> Friday**  
**Meeting Link :** <https://meet.google.com/cgo-ijcn-bub>

**10.30 am INAUGURATION CEREMONY**

**Welcome:** Dr. Aji. S, Associate Professor, Chair Technical Committee, ICAIS 2021

**Presidential address:** Dr. D. Muhammad Noorul Mubarak, Head of the Department

**Inaugural Address:** Prof. V P Mahadevan Pillai, Hon' Vice Chancellor, University of Kerala

**Felicitations:** Dr. S Nazeeb, Member of Syndicate & Standing committee chair of Research)

Dr. K G Gopchandran, Syndicate Member& Director, School of Technology

Dr. Jaya D.S, Dean, Faculty of Applied Sciences and Technology

**Vote of Thanks:** Ms. Philomina Simon, Organizing Secretary, ICAIS 2021

**Road map to the Conference:** Prof. Vinod Chandra S.S, Organizing Chair, ICAIS 2021

<b>Time in IST</b>		<b>Keynote Address</b>	<b>Title of the Talk</b>
<b>4.00pm</b>	<b>I1</b>	<b>Prof . Milan Tuba</b> Vice Rector for International Relations, Singidunum University, Serbia	<b>Advantages and Challenges of Applying Convolutional Neural Networks</b>
<b>5.00pm</b>	<b>I2</b>	<b>Prof. Jan Sijbers</b> Professor, University in Antwerp, Belgium	<b>AI in X ray imaging</b>

**DATE: 27-03-2021, March 27<sup>th</sup> Saturday**

<b>9.00 am – 9.45 am (IST)</b>	<b>I3</b>	<b>Dr. Ashwin Asok</b> Assistant Professor, Department of Computer Science, Georgia State University(GSU), Georgia, USA	<b>Graphological Computing</b>
<b>9.45- 10.00 am (IST)</b>	<b>P1</b>	<b>Bharath Chand R. P</b>	<b>Automated Knowledge Discovery from Academic Archives</b>
<b>10.00 am – 10.45 am(IST)</b>	<b>I4</b>	<b>Prof. Deep Kusum</b> Professor, Department of Mathematics, Indian Institute of Technology, Roorkee, India	<b>Open Problems in Nature Inspired Optimization techniques</b>
<b>10.45 – 11.00 am (IST)</b>	<b>P2</b>	<b>Jacob P Cherian</b>	<b>COVID 19 Analysis of Indian Data using FB Prophet Machine Learning Package</b>
<b>11.00 am – 11.45 am (IST)</b>	<b>I5</b>	<b>Prof. M R Kaimal</b> Chairman and Professor at the Department of Computer Science at Amrita School of Engineering, Amritapuri, Kerala India.	<b>Machine Learning Models of Semantic Analysis</b>
<b>11.45- 12.00 pm (IST)</b>	<b>P3</b>	<b>Rohit Thanki</b>	<b>Intelligently Segmentation of Cancer Lesion in Ultrasound Breast Image using Deep Learning</b>
<b>12.00 pm – 12.45 pm (IST)</b>	<b>I6</b>	<b>Dr. Anand Hareendran</b> Associate Professor, Department of Computer Science, Muthooth Engineering College, Ernakulum, India	<b>Machine Learning – a near future</b>
<b>12.45- 1.00 pm (IST)</b>	<b>P4</b>	<b>Bhagyasree P V</b>	<b>A Proposed Method for Recognition of Handwritten Cursive English Characters using CNN</b>
<b>1.00 pm – 2.00 pm</b>		<b>LUNCH BREAK</b>	
<b>2.00- 2.45 pm (IST)</b>	<b>I7</b>	<b>Dr. John Jose</b> Assistant Professor, Department of Computer Science & Engineering, Indian Institute of Technology Guwahati, India.	<b>Scope of Artificial Intelligence in Future Autonomous Cars</b>
<b>2.45 pm – 3.30 pm (IST)</b>	<b>P5</b>	<b>Edwin Babu</b>	<b>Voice Triggered Switch Board Control</b>
<b>3.00 pm – 3.45 pm (IST)</b>	<b>I8</b>	<b>Raji C G</b> Professor and Head, Computer Science & Engineering department in MEA Engineering College, Malappuram, India.	<b>AI in Health analytics</b>
<b>3.45 pm – 4.00 pm</b>	<b>P6</b>	<b>Misaj Sharafudeen</b>	<b>Indian Sign Language Alphabet Recognition using Vocabulary of Visual Words</b>
<b>4.00 pm –4.15 pm</b>	<b>P7</b>	<b>Aswathy A L</b>	<b>Brain Tumor and Edema detection using Curvelet Transform</b>
<b>4.15 pm – 4.30 pm</b>	<b>P8</b>	<b>Sini S Raj</b>	<b>A Machine Learning Approach to Predict Zoonosis: SARS CoV-2 as a case study</b>

**DATE : 28-03-2021, March 28<sup>th</sup> Sunday**

9.00 am – 9.45 am <b>(IST)</b>	<b>I9</b>	<b>Mr. Shine J</b> Associate Tech Specialist, Canada	<b>Big Data Analytics in Cloud World</b>
9.45- 10.00 am <b>(IST)</b>	<b>P9</b>	<b>Bhagyasree P V</b>	<b>Cyber Cime Prediction Using Machine Learning</b>
10.00 am – 10.45 am <b>(IST)</b>	<b>I10</b>	<b>Dr. Devu Manikantan Shila</b> Founder & CEO at Unknot. Id, Greater Orlando, Florida, USA.	<b>Context is the Key- Race &amp; Track using Smartphones</b>
10.45 – 11.00 am	<b>P10</b>	<b>Manju R.A</b>	<b>Wavelet based Contrast Enhancement using BBHE and QDHE in Satellite images</b>
11.00 am – 11.45 am	<b>I11</b>	<b>Prof. Raju G</b> Professor, Department of Computer Science & Engineering, School of Engineering and Technology, Christ University, Banglore, India.	<b>AI for Human Gait Recognition</b>
11.45- 12.00 pm	<b>P11</b>	<b>Monisha Jayapalan</b>	<b>Method for Entropy based White Balancing and Unsharp Masking</b>
12.00 pm – 12.45 pm	<b>I12</b>	<b>Dr. Smitha S Nair</b> Head, Centre for Postgraduate Studies, Middle East College, Sultanate of Oman.	<b>Artificial intelligence in Healthcare: A case of neurodegenerative diseases</b>
12.45- 1.00 pm	<b>P12</b>	<b>Sreelakshmi Sreenivasan</b>	<b>Improved Texture-Based Feature Extraction Method for Colorectal Cancer Classification</b>
<b>1.00 pm – 2.00 pm</b>		<b>LUNCH BREAK</b>	
2.00- 2.45 pm	<b>I13</b>	<b>R Ananthalakshmi Ammal</b> Senior Director & Head, Cybersecurity Group, CDAC, Thiruvananthapuram, India	<b>Benefits and Burdens of AI – A Cyber Security Perspective</b>
2.45 pm – 3.00 pm	<b>P13</b>	<b>T K Aarsha</b>	<b>A Survey on Various Approaches for Text-to-Image Synthesis</b>
3.00 pm – 3.15 pm	<b>P14</b>	<b>Sreekutty Vijayan</b>	<b>A Compiler Based Approach for Detecting Bugs in the Java Source Code</b>
3.15 pm – 3.30 pm	<b>P15</b>	<b>Mubashira N</b>	<b>Attention based Neural Network for Video Content Description</b>
3.30 pm – 4.00 pm		Valedictory Function	