

University of Kerala

One of the first 16 Universities in India, the University of Kerala, was founded as Travancore University in 1937 by Maharaja Sri Chithira Thirunal Balarama Varma. His vision to Quality Education with Excellence in Leadership was manifested through an open invitation to Nobel Laureate Albert Einstein as the first Vice-Chancellor. Crafted by a legacy of excellence and nurtured by an illustrious line of alumni, University currently stands tall as a Centre of Excellence in Higher Education and Research, with 44 teaching and research departments, several Multidisciplinary research Centres, replete with state-of-the-art Laboratories, Libraries with mammoth digital repertoire and unique Manuscript Library.

Department of Computer Science

The Department of Computer Science, University of Kerala, was established in 1985. It offers M.Sc. in Computer Science, also M.Sc. Computer Science (Specialization in AI), M. Tech in Computer Science (with specialization in Digital Image Computing), M. Phil. and Ph.D. programmes in Computer Science. Over the past few years, the Department has acquired national and international importance. The Department has produced more than 30 Ph.Ds so far.

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Vice-Chancellor, University of Kerala

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International Seminar on Data Science & Information Processing

November 22-24
2021

Organized By
Centre for
Data Science and
Information Processing



In Association with

Department of Computer Science
University of Kerala

Centre for Data Science & Information Processing

The Centre for Data Science and Information Processing (CDSIP) is an initiative of the University of Kerala for enriching research and development activities in data science and allied domains. The Centre has been equipped with high performance computing facilities for processing huge volume data of any kind and that can be utilized for in-depth research in data analysis and information processing for decision support and social enrichment.

The Centre can provide intelligent inputs to the Government bodies and other organizations for better planning and implementation of various Government policies and schemes. With the advancements in machine learning and AI, the Centre can contribute potential research solutions in the future. We are looking ahead to active collaborations with industry, academia, national and international institutes for research and development.

Information

- Registration is free of cost
- All the sessions will be online mode
- Certificates will be distributed to those who attend all the sessions
- Avoid late joining
- Limited seats only

Day 1 (22 November 2021)

9:30 AM – 10:30 AM (IST)

Topic: *Estimating and interpreting gene-exposure interactions in medical studies*

Presenter: Dr. Jaya Satagopan

Session Chair: Dr. Achuthsankar S. Nair

2:30 PM – 4:30 PM (IST)

Topic: *AI Neural Accelerators for Data Analytics*

Presenter: Dr. Alex P. James

Session Chair: Dr. Manoj Changat

6:30 PM – 7:30 PM (IST)

Topic: *Technology 4.0*

Presenter: Dr. Sankaraiah Sreeramula

Session Chair: Dr. D. M. N. Mubarak

Day 2 (23 November 2021)

11.00 AM – 12:00 PM (IST)

Topic: *A brief introduction to CNNs*

Presenter: Dr. Jeny Rajan

Session Chair: Dr. C. Satheesh Kumar

3:30 PM – 4:30 PM (IST)

Topic: *Evasive Malware: how to stop it!*

Presenter: Dr. Corrado Aaron Vissagio

Session Chair: Dr. Vinod Chandra S. S.

6:30 PM – 7:30 PM (IST)

Topic: *Practical Implementation of NLP using Python Ecosystem*

Presenter: Dr. S. Suresh Kumar

Session Chair: Dr. K. Satheesh Kumar

Day 3 (24 November 2021)

11.00 AM – 12:00 PM (IST)

Topic: *Data Science in Healthcare*

Presenter: Dr. Smitha S. Nair

Session Chair: Mrs. Philomina Simon

2.30 PM – 4:30 PM (IST)

Topic: *Privacy Preserving Machine Learning*

Presenter: Dr. Vinod P.

Session Chair: Dr. Aji Sivanandan

7.00 PM – 8.00 PM (IST)

Topic: *Causal Inference from Texts*

Presenter: Dr. Xiaowei Xu

Session Chair: Dr. M. R. Kaimal

For Enquiries

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