

6th National Conference on Indian Language Computing (NCILC-2016)

Department of Computer Applications
Cochin University of Science and Technology

Kochi-22

26th and 27th February 2016

26th February 2016

Registration

8.30 – 9.30 Hrs

Inaugural Session

09.30 – 10.30 Hrs

Venue : Placement Cell Auditorium, School of Engineering
Cochin University of Science and Technology

Prayer Song

Welcome by

Dr. B. Kannan

Head, Department of Computer Applications,
Cochin University of Science and Technology

Presidential address by

Dr. J. Letha,

Hon. Vice Chancellor ,
Cochin University of Science and Technology

Inaugural address and lighting of the lamp by

Dr. Ujjwal Bhattacharya,

Professor , Computer & Communication Sciences Division ,
Computer Vision and Pattern Recognition Unit,
Indian Statistical Institute, Kolkata

Proceedings Release

Dr. K. Poulose Jacob

Pro-Vice Chancellor,
Cochin University of Science and Technology

Felicitation

Dr. K. A. Zakkariya

Member, Syndicate
Cochin University of Science and Technology

Dr. Sumam Mary Idicula

Director, School of Computer Science Studies,
Cochin University of Science and Technology

Vote of Thanks

Dr. K.V. Pramod (Covenor, NCILC- 2016)

Cochin University of Science and Technology

10.30 – 10.45 Hrs : Tea Break

Plenary Session I

10.45 – 12.00 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Title : “ Technology Development for Indian Language Understanding – Some of the Recent Progresses”

Dr. Ujjwal Bhattacharya,

Professor , Computer & Communication Sciences Division ,

Computer Vision and Pattern Recognition Unit,

Indian Statistical Institute, Kolkata

Chair: Dr. Sumam Mary Idicula

12.00 – 12.20 Hrs

A presentation on Malayalam Wordnet

By , Drishya Gopinath and Varghese K Aniyan,

MTech Students, Department of Computer Science,

Cochin University of Science and Technology

Paper Presentation by Participants

12.20 – 12.50 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Chair: Dr. Ujjwal Bhattacharya and Dr. Sumam Mary Idicula

(Presentation: 12 minutes , Questions and Discussion : 3 minutes)

1. 12.20 – 12.35 Hrs : Kailash S Sharma and Anil R Karwankar, “ Devnagari Online Handwriting Character Recognition System”
2. 12.35 – 12.50 Hrs : Anil Kumar S, “ Significance of Gamification and Reinforcement Learning in Indian Language Computing with Creative Works”

12.50 – 13.45 Hrs : Lunch Break

Plenary Session II

13.45 – 15.00 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Title : “Transitioning Towards Conversational User Interface (CUI)”

Sri. Rajeev M. Azhuvath,

Chief Architect (AI), TCS, Infopark, Kochi

Chair: Dr. G. Santhoshkumar

15.0 – 15.15 Hrs : Tea Break

Paper Presentation by Participants

15.15 – 16.15 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Chair: Dr. G. Santhoshkumar and Dr. Lajish V L

(Presentation: 12 minutes , Questions and Discussion : 3 minutes)

1. 15.15 – 15.30 Hrs : Ashwath Rao B and Ashalatha Nayak, “ Dependency Parsing Algorithms”
2. 15.30 – 15.45 Hrs : Nishant Kumar, Abinash Tripathy, Santanu Kumar Rath, “ Sentiment Clustering of Movie Review Data using Unsupervised Machine Learning Algorithm”
3. 15.45 – 16.00 Hrs : Kanitha D K, “Latent Semantic Analysis for Malayalam Text Summarization”
4. 16.00 – 16.15 Hrs : Nayana Arackal and Dhanya P.M., “SVM based Opinion Mining”

27th February 2016

Plenary Session III

10.00 – 11.00 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Title : “Multiple Classifier based bilingual OCR System”

Dr. Gurpreet Singh Lehal,

Professor , Computer Science Department,

Punjabi University, Patiala.

Chair: Dr. Philip Samuel

11.00 – 11.15 Hrs : Tea Break

Paper Presentation by Participants

11.15 – 12.00 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Chair: Dr. Gurpreet Singh Lehal and Dr. Philip Samuel

(Presentation: 12 minutes , Questions and Discussion : 3 minutes)

1. 11.15 – 11.30 Hrs : Habeebath Kakkattuputhiyottil and Lajish V L, “ Statistical Language Models for Automatic Speech Recognition; Review and Perspectives”
2. 11.30 – 11.45 Hrs : Ben Babu and Leena Mary, “A Two-Stage System for Content based Audio Retrieval”
3. 11.45 – 12.00 Hrs : Dhanaraj V, Reshma R, Sreetha S and Binu R, “Sentiment Analysis for Malayalam movie reviews Using YamCha and Fuzzy Logic”

Plenary Session IV

12.00 – 13.00 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Title : “Assistive Language Computing: Challenges and Perspectives”

Dr. Kannan Balakrishnan,

Associate Professor and Head,

Department of Computer Applications,

Cochin University of Science and Technology

Chair: Dr. Lajish V L

Valedictory Function

13.00 – 13.15 Hrs

Review of the Conference : Dr. B. Kannan

Participant's Sharing

Vote of Thanks by Ms. Malathi S.

National Anthem

13.15 Hrs : Lunch