7th National Conference on Indian Language Computing (NCILC-2017)
7th **National Conference on Indian Language Computing (NCILC-2017)** **Department of Computer Applications** **Cochin University of Science and Technology** **Kochi-22** **17**th **and 18**th **February 2017**

17th **February 2017**

Registration 09.30 − 10.00 Hrs
Inaugural Session 10.00 − 11.00 Hrs Venue : Placement Cell Auditorium, School of Engineering Cochin University of Science and Technology

Prayer Song

Welcome

   Dr. K.V. Pramod (Convenor, NCILC- 2017)

   Associate Professor, Department of Computer Applications,

   Cochin University of Science and Technology

Presidential address

   Dr. B. Kannan ,

   Head, Department of Computer Applications,

   Cochin University of Science and Technology

Inaugural address

   Dr. K. Poulose Jacob ,

   Pro-Vice Chancellor ,

   Cochin University of Science and Technology

Proceedings Release

   Dr. Niladri Sekhar Dash

   Indian Statistical Institute, Kolkata

Felicitation

   Dr. R. Sasidharan

   Member, Syndicate

   Cochin University of Science and Technology

   Dr. Sunil K. Narayanankutty

   Dean , Faculty of Technology

   Mr. Satish Babu

   Former National President & Fellow, Computer Society of India

   Dr. Sumam Mary Idicula

   Director, School of Computer Science Studies,

   Cochin University of Science and Technology

Vote of Thanks

Ms. Malathi S

Assistant Professor, Department of Computer Applications,

Cochin University of Science and Technology

11.00 – 11.15 Hrs : Tea Break

Plenary Session I

11.15 – 12.15 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Title : " Queries on Contexts for Word Sense and A Proposal for Sense Disambiguation"

Dr. Niladri Sekhar Dash,

Professor , Linguistics Research Unit

Indian Statistical Institute, Kolkata

Chair: Dr. Sumam Mary Idicula

Director, School of Computer Science Studies, CUSAT

Paper Presentation by Participants

12.15 – 13.00 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Chair: Dr. Niladri Sekhar Dash, Dr. Philip Samuel

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

1. Bibish Kumar K. T., Sunil Kumar R.K., Sandesh E. P. A., Lajish V.L. " Color Thresholding based Approaches to Lip Segmentation for Visual Speech Recognition"
2. Firoz Shah A., ShijoM Joseph, Babu Anto P. " Normalized Hybrid Wavelet Features for Speech Emotion Recognition"
3. Rincy T A., Rajesh R. " Statistical Compression of Malayalam Text Files"

13.00– 14.00 Hrs : Lunch Break

Plenary Session II

14.00 – 15.00 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Title : " Generative Adversarial Network"

Ms. Shampa Sarkar

Chief Architect(DESS), TCS, Infopark, Kochi

Chair: Dr. G. Santhosh Kumar

Assistant Professor, Department of Computer Science

CUSAT

15.00 - 15.15 Hrs : Tea Break

Plenary Session III

15.15 – 16.15 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Title   : "Application of Natural Language Processing in Human Computer Interaction"

Dr. Babu Anto P,

Controller of Examination ,

Kannur University , Kerala

Chair: Dr. Sabu M.K.

Associate Professor, Department of Computer Applications

CUSAT

18th February 2017

Paper Presentation by Participants

10.00 – 11.00 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Chair: Dr. Sabu M.K., Dr. Jomy John

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

1. Jitesh Prasad Khatick, Soumitra Kumar Mandal " Access Database Using Natural Language to Create SQL Query"
2. Jini Cheriyan, Elizabeth Sherly " Syllable Based Automatic speech recognition for Malayalam Using Deep Auto Encoder"
3. Roopasri Nagathi R. "Paninian Dependency Annotation for Kannada sentences"
4. Kanitha D.K., Shanavas S.A., Muhammad Noorul Mubarak D. "Text Summarization Algorithms within Latent Semantic Analysis"

11.00 – 11.15 Hrs : Tea Break

Plenary Session IV

11.15 – 12.15 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Title   : "Epoch Extraction in Speech: Methods and Applications"

Dr. D. Govind

Assistant Professor

Amrita Viswa Vidyapeetham, Coimbatore

Chair: Dr. Judy M.V.

Associate Professor, Department of Computer Applications

CUSAT

Paper Presentation by Participants

12.15 − 13.15 Hrs

Venue : Placement Cell Auditorium, School of Engineering

Chair: Dr. B. Kannan, Dr. K.V. Pramod

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

1. Krishna Maya Manger "Morphological Divergence in Hindi-Nepali Language Pair"
2. Gadekar Manoj Bhagwat "Adjectival Divergence in English-Marathi Computational Translation"
3. Jisha P. Jayan, Krishnakumar K. "Malayalam Text Parsing"
4. Soumya Priyadarsini Panda, Ajit Kumar Nayak " A Novel Approach to Multilingual Speech Synthesis in Indian Languages"

13.15 Hrs : Lunch