**6th International Sanskrit Computational Linguistics Symposium -- Program Schedule**
**Dates: October 23-25, 2019**
**Venue: Gargi Auditorium, Vikramshila Building, IIT Kharagpur**

**Day 1: October 23rd, 2019**

Registration: 8:00 - 9:00 AM
**Welcome Address: 9:00 - 9:30 AM**

Keynote 1: 9:30 - 10:30 AM
Session Chair: Prof. Amba Kulkarni, University of Hyderabad [*Video*]
Keynote Speaker: Prof. Rajeev Sangal (Skype)
Title: *Indian Grammatical Tradition: How it Can Help Build Modern Language Technology* [*Slides*] [*Video*]

10:30 - 11:00 Tea Break

Research Track 1: 11:00 - 12:30 (3 papers)
*Session Chair: Prof. Niloy Ganguly, Dept. of CSE, IIT Kharagpur*
Paper 1. *Sanskrit Sentence Generator,* Amba Kulkarni and Madhusoodana Pai [*Slides*]
Paper 2. *Introduction to Sanskrit Shabdamitra: An Educational Application of Sanskrit Wordnet,* Nilesh Joshi, Sayali Khare, Hanumant Redkar, Malhar Kulkarni and Pushpak Bhattacharyya [*Slides*]
Paper 3. *Framework for Question-Answering in Sanskrit through Automated Construction of Knowledge Graphs*, Hrishikesh Terdalkar and Arnab Bhattacharya [*Slides*]

12:30 - 14:00 Lunch Break

Research Track 2: 14:00 - 16:00 (4 papers)
*Session Chair: Prof. Sudeshna Sarkar, Dept. of CSE, IIT Kharagpur*
Paper 4. *LDA Topic Modeling for pramāṇa Texts: A Case Study in Sanskrit NLP Corpus Building,* Tyler Neill [*Slides*]
Paper 5. *On Sanskrit and Information Retrieval*, Michaël Meyer [*Slides*]
Paper 6. *Dependency Parser for Sanskrit Verses,* Amba Kulkarni, Sanal Vikram and Sriram K [*Slides*]
Paper 7. *Utilizing Word Embeddings based Features for Phylogenetic Tree Generation of Sanskrit Texts*, Diptesh Kanojia, Abhijeet Dubey, Malhar Kulkarni, Pushpak Bhattacharyya and Gholemreza Haffari [*Slides*]

16:00 - 16:30 Tea Break

Demo Session 1: 16:30 - 18:30 (5 Demos)
*Session Chair: Prof. Plaban Bhowmik, Center for Educational Technology, IIT Kharagpur*
1. Gérard Huet: *Hoisting the colors of Sanskrit*
2. Sanjeev Panchal and Amba Kulkarni: *Parser and Generator for Sanskrit*
3. Varalakshmi K: *Software Tools for Blended Sanskrit Learning* [*Slides*]
4. Arjuna S R: *MAHE Mahabharata - e-concordance of Mahabharata critical editions* [*Slides*]
5. Martin Gluckman: *Presenting some of the recently published works of SRI in the realm of digital Sanskrit and the road ahead* [*Video*]

**7:30 PM onwards: Conference Dinner (Vikramshila Foyer)**

**Day 2: October 24th, 2019**

Session Chair: Prof. Gérard Huet, INRIA Paris
Keynote Speaker: Prof. Korada Subrahmanyam
*Title: Semantics and Pragmatics as Tools in Language Technology [Slides] [Video]*

10:30 - 11:00 AM: Tea Break

Research Track 3: 11:00 - 12:30 (3 papers)
*Session Chair: Prof. Animesh Mukherjee, Dept. of CSE, IIT Kharagpur*
Paper 8. *An Introduction to the Textual History Tool,* Diptesh Kanojia, Malhar Kulkarni, Pushpak Bhattacharyya and Eivind Kahrs *[Slides]*
Paper 9. *Revisiting the Role of Feature Engineering for Compound Type Identification in Sanskrit,* Jivnesh Sandhan, Amrith Krishna, Pawan Goyal and Laxmidhar Behera *[Slides]*
Paper 10. A *Machine Learning Approach for Identifying Compound Words from a Sanskrit Text,* Premjith B, Chandni Chandran V, Shriganesh Bhat and Soman Kp *[Slides]*

12:30 - 14:00 Lunch Break

Research Track 4: 14:00 - 15:30 (3 papers)
*Session Chair: Prof. Adway Mitra, Center for Artificial Intelligence, IIT Kharagpur*
Paper 11. *Vaijayantīkośa Knowledge-Net,* Aruna Vayuvegula, Satish Kanugovi, Sivaja S Nair, Shivani V and Mahalakshmi
Paper 12. *Vedavaapi: A Platform for Community-sourced Indic Knowledge Processing at Scale,* Sai Susarla and Damodar Reddy Challa *[Slides]*
Paper 13. *Pāli Sandhi -- A computational approach*, Swati Basapur, Shivani V and Sivaja Nair

15:30 - 16:00 Tea Break

16:00 - 18:00 Panel Discussion: "Sanskrit Computational Linguistics: The Way Ahead"
*Panelists: Prof. Amba Kulkarni, Prof. Malhar Kulkarni, Prof. K Varalakshmi, Prof. Pawan Goyal*
18:00 - 18:30 ISCLS Business Meeting

**Day 3: October 25th, 2019**

Demo Session 2: 9:00 - 12:00 (8 Demos)
*Session Chair: Prof. Mainack Mondal, Dept. of CSE, IIT Kharagpur*

1. Hrishikesh Terdalkar, Arnab Bhattacharya: *KaTaPaYadi System [Slides]*
2. Madhava Kollimarla, Lavan Kumar, Rakesh Muthyala: *Insights from Bhagavata Purana and associated Commentaries using Modern tools and technologies*
3. Shivani V: *Sanskrit Computational Tools developed by KSU Computing Panini Group (CPG)*
4. Amrita Anand: *A voice ready reckoner mobile app for Spoken English to Sanskrit Translation*
5. Sugyan Kumar Mahanty: *The scope and domain of digital cataloguing of Manuscripts [Slides] [Video]*
6. Amrith Krishna: *Sanskrit Annotation App [Slides]*
7. Mārcis Gasūns*: History of Cologne Digital Lexicons [Slides] [Video]*
8. Rashi Kumar*: Zero Shot: A translation technique applied for low resource language pair, applied for Sanskrit to Hindi translation [Slides]*

10:30 - 11:00 Tea Break (in between the demo session)

**Closing Remarks: 12:00 - 12:30**

Lunch Break: 12:30 - 14:00