

7<sup>th</sup> April 2:00pm to 5:45pm

Venue: New Seminar, SCIS

## Technical Session: 1

“AI methods for speech and Indian language research”

<b>Session Chair</b>	<b>Dr. Ajit Kumar</b> Soongsil University	
<b>Rapporteur</b>	<b>Ms. Srijita Majumdar</b>	
<b>Plenary Talk by</b>	<b>Prof. N S Reddy</b> Gyeongsang National University	<b>2:00 – 2:30</b>
<b>Demo session by</b>	<b>Mr. Souvik Ghosh</b> Heritage College of Engineering, Kolkata	<b>2.30 - 3.00</b>
<b>Paper Presentations      Total Time:-3:00 to 3:45</b>		
<b>Mr. Nilabja Sarkar &amp; Mr. Anubhab Chakraborty</b>	On recent trends in translation and analysis of Sanskrit Vedic texts	<b>3:00 – 3:15</b>
<b>Mr. Arkaprabha Basu + Mr. Mudit Bhatnagar</b>	Using computer vision approaches for OCR recognition of Devanagari scripts	<b>3:15 – 3:30</b>
<b>Mr. Anwar Ali</b>	A brief study on tools for Automatic Speech recognition for Indian Languages	<b>3:30 – 3:45</b>
<b>Ms. Kashish Gupta</b>	Understanding transformer-networks for efficient Machine translation of Indian languages	<b>3:45 – 4:00</b>

## Technical Session: 2

“Advances in AI and Sanatana dharma research in the context of Modern-day India”

<b>Session Chair</b>	<b>Dr. B. N. Nageswara Rao</b> School of Economics, University of Hyderabad	
<b>Rapporteur</b>	<b>Mr. Yashasvi R P</b>	
<b>Plenary Talk by</b>	<b>Dr. Perugu Shyam</b> NIT Warangal	<b>4:00 – 4:30</b>
<b>Paper Presentation      Total Time:-4:00 to 5:45</b>		
<b>Ms. Srijita Majumdar</b>	Improvement of Maternal Health and mindset with the aid of AI in modern India	<b>4:30 – 4:45</b>
<b>Ms. Niharika Penumur &amp; Mr. Shrujan Gujjari</b>	Using AI and VR technologies for mental wellness using principles of Sanatana Dharma	<b>4:45 – 5:00</b>
<b>Ms. Jeyapreetha M</b>	Using Sanatana Dharma principles to understand machine consciousness in AI	<b>5:00 – 5:15</b>
<b>Ms. S. Kiran Mae</b>	A study into progress of AI research in medical domain in post-colonial India	<b>5:15 – 5:30</b>