

## Technical Session 1

### "AI methods for speech and Indian language research"

7<sup>th</sup> April 2:00pm to 3:45pm

Venue: New Seminar, SCIS

<b>Session Chair</b>	Dr. Ajit Kumar Soongsil University	
<b>Rapporteur</b>	Ms. Srijita Majumdar	
<b>Keynote speech by</b>	Dr. N S Reddy Gyeongsang National University	<b>2:00 – 2:30</b>
<b>Student paper presentation</b>		
<b>Mr. Nilabja sarkar</b>	On recent trends in translation and analysis of Sanskrit Vedic texts	<b>2:30 – 2:45</b>
<b>Ms. Kashish Gupta</b>	Understanding transformer-networks for efficient Machine translation of Indian languages	<b>2:45 – 3:00</b>
<b>Mr. Anubhab Chakraborty</b>	On machine translation methods for local Indian languages	<b>3:00 – 3:15</b>
<b>Mr. Arkaprava Basu</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>

## Technical Session 2

### "Health and lifestyle improvement through Sanatana Dharma and Artificial Intelligence"

7<sup>th</sup> April 4:00pm to 5:30pm

Venue: New Seminar, SCIS

<b>Session Chair</b>	Prof. Ushashree B	
<b>Rapporteur</b>	Mr. Yashashvi R P	
<b>Plenary speech by</b>		<b>4:00 – 4:30</b>
<b>Student paper presentation</b>		
<b>Ms. Srijita Majumder</b>	Improvement of Maternal Health and mindset with the aid of AI in modern India	<b>4:30 – 4:45</b>
<b>Ms. Niharika Pennur</b>	Using AI and VR technologies for mental wellness using principles of Sanatana Dharma	<b>4:45 – 5:00</b>
<b>Ms. Shruti Singhania</b>	Studies on the intersection of Sanatana Dharma and modern day AI research	<b>5:00 – 5:15</b>
<b>Ms. Jeyapreetha M</b>	Using Sanatana Dharma principles to understand machine consciousness in AI	<b>5:15 – 5:30</b>
<b>Ms. Kiramaee</b>	A study into progress of AI research in medical domain in post-colonial India	<b>5:30 – 5:45</b>