

## Report on

# IGNITE: Symposium on Ph.D. Forum and Poster Presentation organized by IEEE SPS GS and IEEE PDEU SPS SB

**DISTINGUISHED SPEAKERS**

**Keynote Speaker**  
**Dr. V Ramgopal Rao,**  
Vice-Chancellor, Birla Institute of Technology & Science (BITS)

**Dr. Sanjeev K Varshney**  
Scientist G at Department of Science & Tech., Govt. of India

**Dr. K S Sowmiya Rani**  
Founder, Editor, & Reviewer at Sowmis\_AWW

**Dr. Dhaval Pujara**  
Director, SoT, PDEU

**Mr. Ravi Patel**  
Chief Strategy Officer, Smartr Logistics, Bombay, IIM-Calcutta

**Mr. Nilesh Ranpura**  
Director, Engineering - ASIC, E-Infochips

**VENUE**  
Pandit Deendayal Energy University (PDEU), Knowledge Corridor,  
Raisan Village, Gandhinagar, Gujarat, India

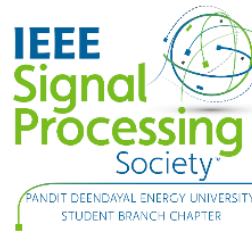
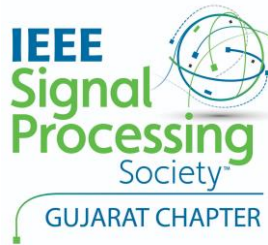
**IGNITE : Symposium on Ph.D. Forum & Poster Presentation**  
IEEE SPS Gujarat Section

**01 & 02 MARCH 2024**  
**9:30 AM Onwards**

Register Here!

**IEEE Signal Processing Society, Gujarat Section**

**IEEE PDEU SPS Student Branch**



## ➤ Overview of the event

The IEEE Signal Processing Society (SPS) Gujarat Section (GS) and IEEE SPS Student Branch Chapter (SBC) at PDEU Gandhinagar successfully organized a transformative 2-day event IGNITE: Symposium on Ph.D. Forum and Poster Presentation during March 01-02, 2024. The event received overwhelming participation from Ph.D. research scholars, PG and UG scholarly researchers, and students alike.

The symposium IGNITE garnered an overwhelming response with over 80 participants from diverse backgrounds and institutions. These participants were eager to explore the diverse applications of signal processing and the allied areas.

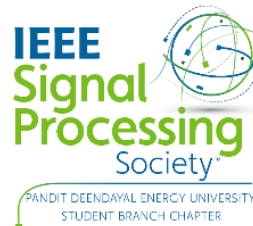
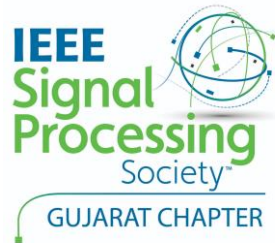
The symposium boasts an impressive lineup of 6 distinguished speakers, Dr. V Rangopal Rao, Group Vice-Chancellor, Birla Institute of Technology & Science (BITS), Dr. S. K. Varshney, Ex Scientist-G at Department of Science & Technology, Govt. of India, Dr. Dhaval Pujara, Director-School of Technology, PDEU, Dr. K.S. Sowmiya Rani, Founder, Editor & Reviewer at Sowmis\_AWW, Mr. Ravi Patel, Chief Strategy, Officer, Smartr Logistics, and Mr. Nilesh Ranpura, Director, Engineering-ASIC, E-infochips.

- **AIM & OBJECTIVE – PhD Forum**

The primary objective of the PhD Forum is to create a valuable platform where students can receive insightful and constructive feedback on their research efforts, fostering an environment that promotes growth and improvement. This platform is carefully designed to support the intellectual and scholarly development of young researchers.

To ensure a comprehensive and enriching experience, the PhD Forum has invited distinguished individuals from both industry and academia. These experts possess extensive knowledge and perspectives, and they will come together to engage in in-depth discussions about the latest and transformative developments in various technological domains.

With the symposium serving as a paramount platform for academic enlightenment and professional development, attendees will not only gain theoretical insights but also have the opportunity to engage in dynamic discussions with their esteemed counterparts and mentors. Through these interactive dialogues, participants will have the unique privilege of acquiring nuanced perspectives, exchanging innovative ideas, and fostering meaningful collaborations that have the potential to transcend the confines of the symposium and extend into the wider scholarly community.



- **AIM & OBJECTIVE – Poster Presentation**

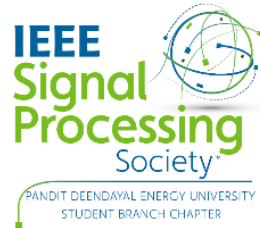
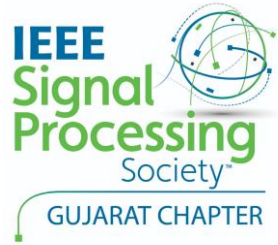
The PG Poster Presentation Forum is a scholarly event specifically designed for undergraduate and postgraduate students to showcase and elucidate their dissertation research in emerging knowledge domains. Participants have the opportunity to present their research findings in the form of poster sessions, resembling the mode of Oral, Model, or Poster presentations.

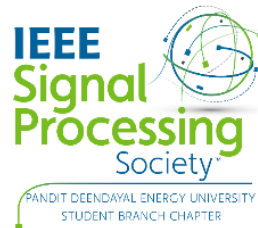
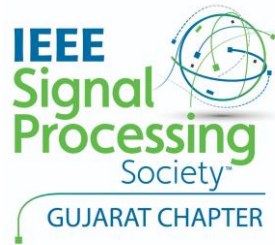
The selection process for participation in this forum entails a rigorous scientific evaluation, conducted by an expert committee composed of distinguished individuals from both academia and industry.

The Inaugural Session of the symposium was graced by the august presence of Prof. (Dr.) Rajat Moona, Director, IIT Gandhinagar, who served as the Chief Guest. The presence of Prof. (Dr.) S Sundar Manoharan, Director-General, PDEU, and Prof. (Dr.) Dhaval Pujara, Director-School of Technology, PDEU added further prestige to the event. The General Chair: IGNITE, Prof. (Dr.) Chirag Paunwala, Program Chair: IGNITE, Dr. Mita Paunwala, Organizing Chair: IGNITE, and Dr. Arpan Desai also graced the dais.

Dr. Dhaval Pujara, Program Chair: IGNITE, warmly welcomed all the participants and delivered an inspiring speech. He highlighted the significance of experts in Signal Processing in solving complex problems, particularly in the field of healthcare and computer vision. The Chief Guest, Dr. Moona gave an inspiring speech and emphasized on ethical research practices. DG, PDEU, and Dr. Manoharan, highlighted the need for such research symposiums to sensitize the young researchers about pursuing high-quality work. Dr. Mita, the Program Chair, then elaborated on the current and other knowledge-sharing initiatives of IEEE SPS GS, followed by Dr. Arpan's introductory speech about the symposium and the technical program for the two days of the event.







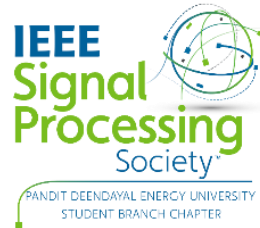
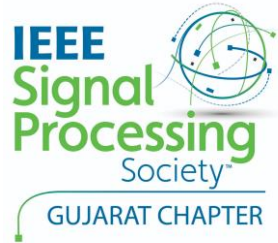
With over 100 participants from within Gujarat and beyond, IGNITE became a melting pot of diverse perspectives and cutting-edge research. The event provided a unique platform for networking and knowledge exchange among scholars, professionals, and students alike.

The success of IGNITE can be attributed to the dedicated efforts of the organizing team led by Dr. Chirag Paunwala, Dr. Mita Paunwala, Dr. Dhaval Pujara, Dr. Arpan Desai, Dr. Ritesh Vyas, Dr Chintan Varnagar, and Dr Shankar Parmar. Their meticulous planning and execution ensured the smooth conduction of the symposium, contributing to its overall success.

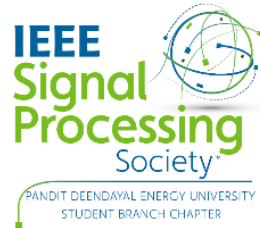
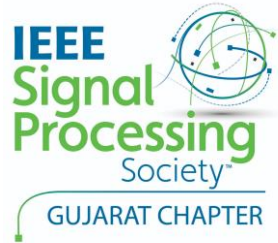
As a testament to the commitment of the IEEE Signal Processing Gujarat Section and IEEE PDEU SPS SB, IGNITE has set a benchmark for academic symposiums, fostering an environment of collaborative learning and innovation. The event not only showcased the diverse research efforts but also created a conducive space for intellectual exchange, reinforcing the importance of such initiatives in the academic community.

Dr. Ritesh Vyas, organizing co-chair of the event, expressed his sincere gratitude to all the registered participants for their overwhelming interest and participation in the symposium. He conveyed his appreciation for their immense contribution and the positive impact they would create in the field. He finished his speech by thanking Prof. (Dr.) Rajat Moona, Prof. (Dr.) S. Sundar Manoharan, Director General, Prof. (Dr.) Dhaval Pujara, Director-School of Technology, Dr. Ganga Prasad Pandey, HoD-ICT, and Dr. Mohendra Roy, The HoD (I/C) of the ICT Department. He also thanked the ex-com members of IEEE SPS GS for making this event a reality.

The 2-day event IGNITE: Symposium on Ph.D. Forum and Poster Presentation promised to be a platform for knowledge exchange and collaboration among researchers, experts, and enthusiasts. The event aims to foster innovation and promote the application of Signal Processing in various sectors of immense focus.







## **+ Number of Participants**

**Total: 105**

**IEEE Members: 43**

**NON-IEEE Members: 62**

**Report Prepared by: Dr. Ritesh Vyas and Dr. Arpan Desai**