

# Activities at SPS Gujarat Chapter, and SPS Membership

Dr. Sarosh Dastoor,  
Membership Development Chair,  
IEEE Signal Processing Society, Gujarat Chapter

# Activities

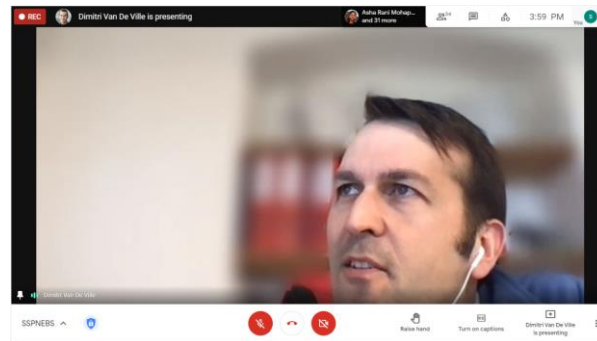
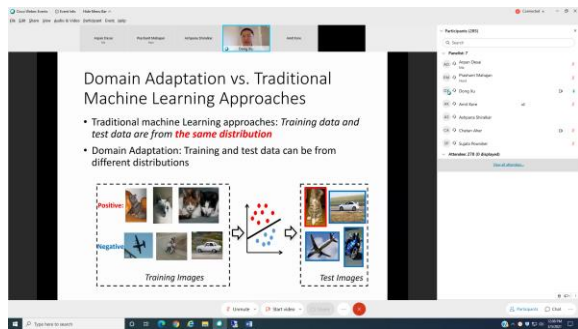
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# Activities under SPS, GS

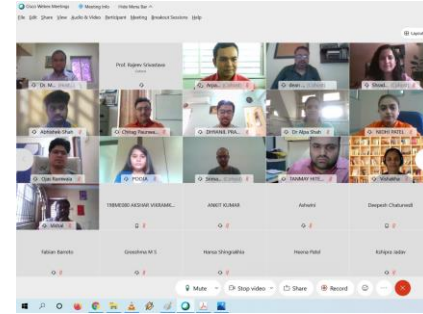
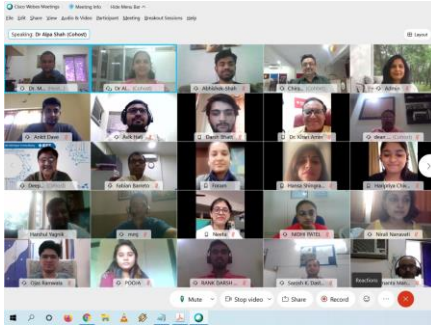


- **Distinguished Lecturers (DL) and Distinguished Industry Speakers (DIS) Talks**
- **NeTSiP (New Trends in Signal Processing)**
  - Flagship event in collaboration with DAIICT, Gandhinagar, Gujarat, India
- **Technical Talk Series**
  - Intending to bring eminent experts in the field of Signal Processing, Machine/Deep learning, and Wireless Communications to provide a platform for budding engineers and professionals to be benefitted from the experts
- **Women in Signal Processing**
  - Aims to increase and promote visibility and recognition of women in signal processing fields
- **YP Activities**
  - This program is committed to help young professionals to evaluate their career goals, enhance early career skills and boost professional network

# Distinguished Lecturers (DL) and Distinguished Industry Speakers (DIS) Talks



# New Trends in Signal Processing (NeTSiP) <sup>2021</sup>



# Technical Talk Series



**Mr. Srinjoy Ganguly, CEO, AdroitERA**  
Talk: Recent Developments in the Field of  
Quantum Machine Learning

**Mr. Saiman Shetty,**  
Manager, Nuro, ex-Tesla  
Talk: How do self driving vehicles work

**Dr. K V S Hari,** Professor, IISc, Bangalore  
Talk: Sensing and Signal Processing for  
Autonomous Navigation



**Dr. Dong Xu ,**  
Professor, University of Sydney, Australia  
Talk: Transfer learning for image and video recognition



**Dr. R. Logeswaran**  
Talk: Data science and Big data:  
From Introduction to Applications

# Technical Talk Series



**Dr. Satyanarayana Bhesette,**  
Scientific officer (H)

Talk: Advances in VLSI Based Signal Processing and Applications



**Dr. Emil Bjornson,** Professor,  
KTH Royal Institute of Technology,

Talk: MIMO Communication in 5G and Beyond



**Dr. Vineeth N Balasubramanian,** Professor,  
IIT Hyderabad

Talk: Deep Learning with Limited Labeled Data: Challenges and Trends



**Dr. Arnav Bhavsar,** Associate Professor,  
IIT Mandi

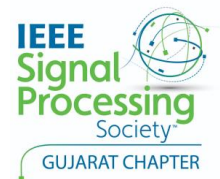
Talk: Applications of Deep Learning in Medical Image Analysis



**Dr. Deepak Garg,**

Dean, International and Corporate Affairs,  
Bennett University

Talk: Challenges and Opportunities in AI



# Technical Talk Series



**Dr. Ajit Rajwade & Prof. Rajat Kumar De**  
IIT Bombay & ISI Calcutta  
Talk: Machine Intelligence in Image Processing



**Mr. Harshit Lalpura,**  
Founder, Hash Media  
Talk: Augmented Reality / Virtual Reality



**Dr. Tejas Indulal Dhamecha,**  
Sr. Research Scientist and Project Manager, IBM  
Research  
Talk: Machine Learning and Natural Language  
Processing : Basics to Applications



# Women in Signal Processing



**Prof. (Dr.) Rajlaxmi Chouhan**

Assistant Professor Department of Electrical Engineering,  
IIT Jodhpur

Talk: An Overview of Technical Writing for research  
Proposal



**Miss Swati Meherishi**

Executive Editor, Springer Nature

Talk: How to write a good research paper: An  
Editor's Perspective during



**Prof. Dr. Namrata Vaswani**

Immediate Past Chair WISP IEEE SPS and Professor  
Iowa University, USA

Talk: Balance between professional and personal life from the women perception

# Women in Signal Processing



**Dr. Supavadee Aramvith**

Associate Professor, Chulalongkorn University,  
Thailand

Talk: AI-based Video Analytics



**Dr. Alpa Shah**

Head- MCA Department Sarvajanik College of Engineering  
and Technology, Sarvajanik University

Talk: Battling Emotions during COVID 19

# Young Professional Activities



## IEEE YP SPS GUJARAT SECTION CHAPTER PANEL DISCUSSION “Motivating Young Professionals Towards Research”



Dr. Suman Mitra  
Panelist  
Professor  
DAIICT



Mr. Ramneek Kalra  
Panelist  
Project Engineer  
Wipro Limited



Dr. Vinayak Bairagi  
Panelist  
Professor  
AISSMS IOIT



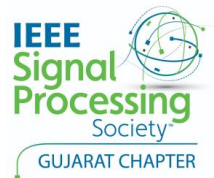
Dr. Chirag Paunwala  
Panelist  
Professor and Dean  
R&D, SCET



Prof. Foram Rajdev  
Moderator  
YP Chair, IEEE  
Gujarat Section

Date: March 21, 2021 Sunday.  
Time: 4 P.M. IST

Registration Link:  
<https://forms.gle/coNSQ4aiPc9TJvXNA>



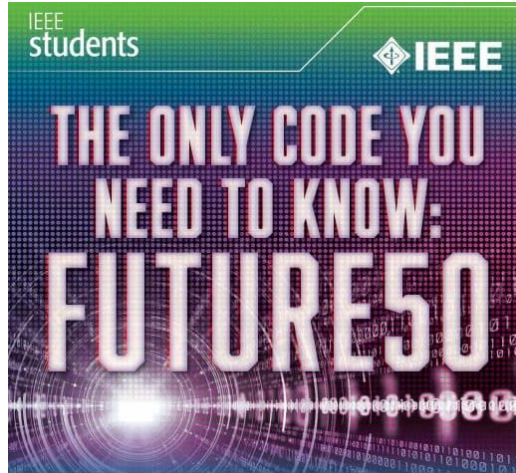
# SPS Membership

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# IEEE Signal Processing Society



- Student members get 50% discount in becoming IEEE member
- (USE CODE: FUTURE50)
- IEEE Student and Graduate Student Members can now join as *Essential Members* of the IEEE Signal Processing Society for **US\$1/year!**



# SPS Membership Overview



## Essential

\$22/year (\$1 for Students)

- ▶ Electronic and digital copies of *IEEE Signal Processing Magazine*
- ▶ Monthly e-delivery of Inside Signal Processing eNewsletter
- ▶ SPS Content Gazette
- ▶ SPS Resource Center

## Preferred

\$39/year (\$20 for Students)

- ▶ Electronic, digital, and print copies of *IEEE Signal Processing Magazine*
- ▶ Signal Processing Digital Library
- ▶ Monthly e-delivery of Inside Signal Processing eNewsletter
- ▶ SPS Content Gazette
- ▶ SPS Resource Center

Plus discounts on conferences, discounts on publishing in *IEEE Open Journal on Signal Processing*, eligibility for leadership roles, networking opportunities, and more.

# Highlighted Offers for SPS members



- Grant for **Paper Publication** by Chapter (for both Students and Professionals)
- **Travel grants to major SPS conferences** (one member)
- **Best paper award for Journal** by chapter (for students)
- **Discount** in registration fee during any event supported by chapter
- **Priority** when seats are limited during some of the prestigious events
- **Ph.D forum** as well as UG and PG dissertation competition

# SPS Student Programs



## *Careers, Competitions, and More*

### ➤ **Student Career Luncheon**

- Past participants include Google, Apple, Amazon, Microsoft, and more
- Held at major SPS conferences, ICASSP and ICIP

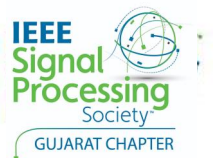
### ➤ **Student Competitions**

- Signal Processing Cup at ICASSP
- Video and Image Processing Cup at ICIP

### ➤ **SPS conferences**

- ICASSP, ICIP, and GlobalSIP

### ➤ **Hackathon**

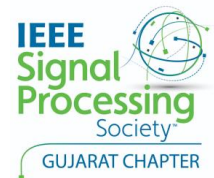


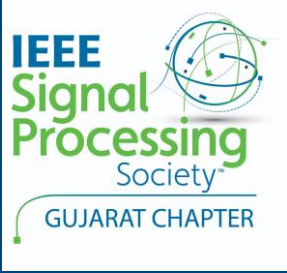


# Awards and Recognition

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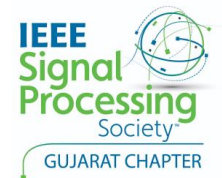
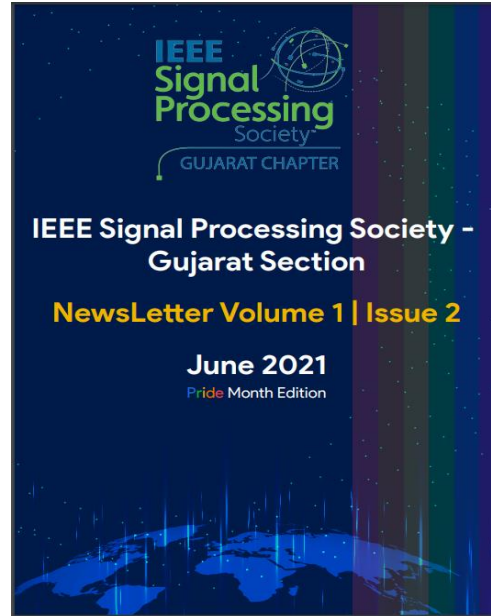
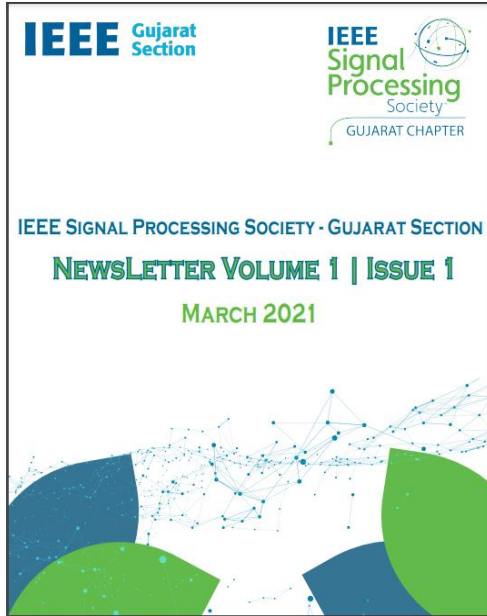




# Newsletter

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# Newsletter



# Thank you!

For Enquiry:

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Email: [ieeespsgs@gmail.com](mailto:ieeespsgs@gmail.com)

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