



IEEE Aerospace Electronic Systems <<AESSE India Membership Initiative>>

Puneet Kumar Mishra

Member at Large, IEEE AESSE BoG

2022 AESSE Spring Board of Governors Meeting

21-22 October 2022

Edinburgh, UK



1. Approved in Spring 2022 BoG Meeting
2. Membership Growth >2X
3. One Section Chapter opened in Hyderabad Section
4. 9 Student Branch Chapters at:
 - i. Kalinga University, Raipur
 - ii. DKTE Society's CTE, Kolhapur
 - iii. IIT BHU, Varanasai
 - iv. PSIT, Kanpur
 - v. SPIT, Mumbai
 - vi. BITM, Ballari,
 - vii. JCE, Belagavi,
 - viii. KLE Dr. MSSCET, Belagavi
 - ix. Manipal University, Jaipur

S No.	Section	Membership		AESS Chapter Existence
		As on March 20, 2022	As on Oct 20, 2022	
1	Bangalore	55	113	Yes
2	Bombay	14	40	Yes
3	Delhi	10	32	
4	Gujarat	4	9	
5	Hyderabad	26	32	Yes*
6	Kerala	15	21	
7	Kharagpur	1	1	
8	Kolkata	7	11	
9	MP	0	9	
10	Madras	19	34	Yes
11	Pune	2	9	
12	UP	2	31	
13	Vizag	0	0	
Total		155	342	



Model Based Systems Engineering: Bridging the gap between Systems and Components

Free Registration

Date: October 14, 2022 (Friday) | Time: 05.30 PM to 08.15 PM IST

Speakers



Dr. P Radhakrishna
Director,
Electronics and Radar Development
Establishment (LRDE)



Dr. Abhay Pashilkar
Director, CSIR,
National Aerospace Laboratories (NAL)



Dr. Mark E Davis,
IEEE AESS President and Member of
NASA Review Board



Dr. Aniruddha Mukhopadhyay
Fellow & Lead Field Chief Technologist,
Ansys



Shri. R V Nadagouda
Deputy Director,
Integration and Checkout Area,
UISC



Dr. Rajalakshmi Menon
Director,
Centre for Air Borne System (CABS)



Mr. Kiran Gopala Krishna
Chief Architect and
Associate Technical Fellow,
Boeing



Mr. P K Mishra
IEEE AESS & Chair,
IEEE AP/MTT Bangalore Joint Chapter



Mr. Prem Andrade
Director, Ansys

Advances in Electro-optics and Photonics Systems' Simulation in Aerospace & Defence

Date: May 21, 2022 Time: 05:00 PM - 08:00 PM (IST)



Scan for
Registration

Chief Guest



Shri. Nilesh M Desai
Distinguished Scientist & Director,
Space Applications Centre (SAC), ISRO

Technology Keynote



Dr. M Senthil Kumar
Scientist-H, Group Director-
Optical systems group, SAC, ISRO



Mr. Amit Agarwal
Area Director,
Ansys Customer Excellence, Ansys

Roundtable



Dr. Meena Desai
Scientist,
F, LRDE, DRDO



Dr. Ranabir Mandal
Scientist-F, Head-
Optical design division,
IRDE, DRDO



Shri. Amitvikram Kururkar
Scientist,
F, SAC, ISRO



Prof. Shankar Kumar Selvaraja
Chair,
National Nano Fabrication Centre,
IISc



Mr. Puneet Kumar Mishra
BoC, IEEE AESS & Chair,
IEEE AP/MTT Bangalore Joint Chapter



Mr. Raghavendra Bhat
Head- Systems and
Optics Business Unit India,
Ansys



▶ Status

- Participated in Bangalore Space Expo and invited delegates to Join AESS
- Interacted with volunteers to open Section Chapter at Kerala and Gujrat
- Interacted with Speakers of MBSE (physical even) and invited to them to become AESS Members and encourage other professionals of their companies to join AESS. LRDE Director promised to have 50+ AESS Members in LRDE.

▶ Roadmap

- Thanks to AESS President and BoG for Approving the Indian Specific Satellite and Drone Challenge for 2023
 - IN-SPACE is ready to sign MoU to collaborate and felicitate free satellite launch
- Provide necessary assistance and guidance to Sections and SBs to open chapters by physically meeting them
- Organize Workshop/Panel Discussions/Talks/Hands-on in AESS designated Fields across India
- Identify Potential Senior Members and Fellows and nominate them for elevation
- **Huge demand to organize a Flagship conference : IEEE Space, Defense, and Aerospace Conference (ISDA)**
- Collaborate with existing conferences with Focus in AESS designated fields (MAPCON)

THANKS