

**Program Schedule**  
**“International conference on recent and future Trends for Smart  
 Electronics System and Manufacturing”**  
**(SESMIC 2022)**

**1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> December 2022 (Hybrid Mode)**

**Day 01:** Thursday, 1<sup>st</sup> December 2022

Main Virtual Hall: Conference  
 Getting Ready: Main Hall Opening by 09:30 AM

10:00 AM	Main-Virtual Hall: Conference-2022 Joining the Session (Hybrid Mode) OC: Opening Ceremony Welcoming to the Conference-2022 Venue: Seminar hall, 3 <sup>rd</sup> floor Online link: <a href="https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09">https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09</a> Passcode: vr1@2022	
10:30 AM	Keynote Session 1 Title: <b>Industry 4.0 and Society 5.0: Challenges from an AI and Data Science Perspective</b> Prof. Ajith Abraham Director MIR Labs (Global Operations), WA, United States Venue: Seminar hall, 3 <sup>rd</sup> floor Online link: <a href="https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09">https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09</a> Passcode: vr1@2022	
	Coordinator: Prof. Jayshree Pande	
Short Break 11:15 AM to 11:30 AM		
Virtual Networking Halls (11:30 AM to 01:00 PM)		
Conference	Pre-Conference Session: 01 Title: <b>AI for Autonomous Future</b> By Dr Rahee Walambe Director of AI ML, Avegen, Pune Venue: Computer Lab 5, 4 <sup>th</sup> floor Online link: <a href="https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09">https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09</a> Passcode: vr1@2022	Pre-Conference Session: 02 Title: <b>NLP Techniques</b> By Dr Sumit Kumar Professor, Dept. Of E&TC, SIT, Pune Venue: Computer Lab 6, 4 <sup>th</sup> floor Online link: <a href="https://zoom.us/j/91353140258?pwd=d1J5eE5LU1FnV1k3NEhPTU1SeVBXQT09">https://zoom.us/j/91353140258?pwd=d1J5eE5LU1FnV1k3NEhPTU1SeVBXQT09</a> Passcode: vr2@2022
Coordinator	Dr. D. Marshiana	Dr. Priti Sahane

Lunch Break-  
01:00 PM to 02:00 PM

02:00 PM	<p>Keynote Session 2            Title: <b>Disruptive Technology Shaping Our Future</b>            Dr. Sawal Hamid Md Ali            Professor            Universiti Kebangsaan Malaysia (UKM) , Malaysia            Venue: Computer Lab 5, 4<sup>th</sup> floor            Online link:  <a href="https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09">https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09</a>            Passcode: vr1@2022</p>
----------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Coordinator: Dr. Mohammad Faseehuddin

Virtual Networking Halls (02:30 PM to 04:00 PM)

	Virtual Room 01	Virtual Room 02	Virtual Room 03	Virtual Room 04
Conference	Track1: Electronics System Designs & Manufacturing Venue: Computer Lab 5, 4 <sup>th</sup> floor	Track2: Artificial Intelligence and Machine Learning Venue: Computer Lab 6, 4 <sup>th</sup> floor	Track3: Robotics and Automation Venue: Computer Lab 7, 4 <sup>th</sup> floor	Track4: Communication and Information Technology Venue: Computer Lab 8, 4 <sup>th</sup> floor

Closing of Day 1

**Day 02:** Friday, 2<sup>nd</sup> December 2022

Main Virtual Hall: Conference  
 Getting Ready: Main Hall Opening by 09:30 AM

10:00 AM	<p>Keynote Session 3            Title: <b>NASA's GSFC Advanced Technologies to Enable Science &amp; Exploration</b>            Dr. Bhanu Sood,            Chief Engineer, Quality and Reliability Division NASA Goddard Space Flight Center            Greenbelt, Maryland, United States            Venue: Computer Lab 5, 4<sup>th</sup> floor            Online link:  <a href="https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09">https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09</a>            Passcode: vr1@2022</p>
----------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Coordinator: Dr. Mohammad Faseehuddin

Virtual Networking Halls (10:30 AM to 11:30 AM)				
	Virtual Room 01	Virtual Room 02	Virtual Room 03	Virtual Room 04
Conference and Hackathon	Track1: Electronics System Designs & Manufacturing Venue: Computer Lab 5, 4 <sup>th</sup> floor	Track2: Artificial Intelligence and Machine Learning Venue: Computer Lab 6, 4 <sup>th</sup> floor	Track3: Robotics and Automation Venue: Computer Lab 7, 4 <sup>th</sup> floor	Track4: Communication and Information Technology Venue: Computer Lab 8, 4 <sup>th</sup> floor
Short Break 11:30 AM to 11:45 AM				
Virtual Networking Halls (11:45 AM to 01:00 PM)				
Conference and Hackathon	Industry Expert Session By AD Instruments, Venue: Computer Lab 5, 4 <sup>th</sup> floor Online link: <a href="https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09">https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09</a> Passcode: vr1@2022		Industry Expert Session By Tech Mahindra Venue: Computer Lab 6, 4 <sup>th</sup> floor Online link: <a href="https://zoom.us/j/91353140258?pwd=d1J5eE5LUiFnV1k3NEhPTU1SeVBXQT09">https://zoom.us/j/91353140258?pwd=d1J5eE5LUiFnV1k3NEhPTU1SeVBXQT09</a> Passcode: vr2@2022	
Coordinator	Dr. Amit Kukker		Dr. Mrinal Bachute	
Lunch Break- 01:00 PM to 02:00 PM				
02:00 PM	Keynote Session 4 Title: <b>Smart IoT Applications</b> Dr. Mohd Helmy Abd Wahab Senior Lecturer Universiti Tun Hussein Onn Malaysia Venue: Computer Lab 5, 4 <sup>th</sup> floor Online link: <a href="https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09">https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09</a> Passcode: vr1@2022			
	Coordinator: Prof. Jayshree Pande			
Virtual Networking Halls (02:30 PM to 04:00 PM)				
	Virtual Room 01	Virtual Room 02	SIT Ph. D Scholar's Symposium	
Conference and Hackathon	Track1: Electronics System Designs & Manufacturing Venue: Computer Lab 5, 4 <sup>th</sup> floor	Track2: Artificial Intelligence and Machine Learning Venue: Computer Lab 6, 4 <sup>th</sup> floor	Venue: Digital Signal Processing Lab, 3 <sup>rd</sup> floor  Coordinator: Prof. Shripad Deshpande	
Closing of Day 2				

**Day 03:** Saturday, 3rd December 2022

Main Virtual Hall: Conference  
Getting Ready: Main Hall Opening by 09:30 AM

10:00 AM	Keynote Session 5 Title: <b>Speech and Image Processing using Artificial Intelligence and Machine Learning</b> Dr. Mrinal Bachute Associate Professor, SIT, Pune. Venue: Computer Lab 5, 4 <sup>th</sup> floor Online link: <a href="https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09">https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09</a> Passcode: vr1@2022		
	Coordinator: Dr. Snehal Bhosale		
Virtual Networking Halls (10:30 AM to 11:30 AM)			
Conference	SIT Ph. D Scholar's Symposium	Virtual Room 03	Virtual Room 04
	Venue: Digital Signal Processing Lab, 3 <sup>rd</sup> floor Coordinator: Prof. Shripad Deshpande	Track3: Robotics and Automation Venue: Computer Lab 7, 4 <sup>th</sup> floor	Track4: Communication and Information Technology Venue: Computer Lab 8, 4 <sup>th</sup> floor
Short Break 11:30 AM to 11:45 AM			
11:45 AM	Main-Virtual Hall: Conference-2022 Joining the Session (Hybrid Mode) Valedictory Session Venue: Seminar hall, 3 <sup>rd</sup> floor Online link: <a href="https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09">https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09</a> Passcode: vr1@2022		
Closing of Day 3			

Day 1: Thursday, December 1, 02:30 PM to 04:00 PM

Parallel Session: Track 1: Electronics System Designs & Manufacturing

Venue	Computer Lab 5, 4 <sup>th</sup> floor
Chair	Mr. Vinay Sharma (Director, Ni2 logic Designs, Pune), Dr. Sashikala Mishra, Dr. Mohammad Faseehuddin
2:30 PM	Paper ID: 7555 - A Survey Paper on Memory Allocation System
2:50 PM	Paper ID: 3354 - MIMO antenna for mm-wave 5G application
3:10 PM	Paper ID: 3646 - A Novel GSM and GPS based Vehicle security System
3:30 PM	Paper ID: 6570 - Smart Car Parking System Using Arduino UNO & Mobile Application
Contact	Madhuri Hiwale – Ph. no. 8329719569
Zoom Link	<a href="https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09">https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09</a> Passcode: vr1@2022

Day 1: Thursday, December 1, 02:30 PM to 04:00 PM

Parallel Session: Track 2: Artificial Intelligence and Machine Learning

Venue	Computer Lab 6, 4 <sup>th</sup> floor
Chair	Dr. Balaji V (Founder and Director, Radiance Technology Research Services Private Limited, Coimbatore), Dr. Mrinal Bachute, Dr. Mousumi Bhanja
2:30 PM	Paper ID: 9530 - Code Text-based Virus and Non virus Classification and Comparative Analysis of Machine Learning Algorithms
2:50 PM	Paper ID: 9109 - Achieving Business Excellence through Big Data: Evidence from Tourism Sector
3:10 PM	Paper ID: 4698 - Meta-Analysis of Cytotoxicity Studies Using Machine Learning Models on Physical Properties of Silver Nanoparticles
3:30 PM	Paper ID: 7683 - Survival Prediction of Malignant Brain Tumor Patients
Contact	Deepali Kulkarni – Ph. no. 9421077686

Zoom Link	<a href="https://zoom.us/j/91353140258?pwd=d1J5eE5LUlFnV1k3NEhPTU1SeVBXQT09">https://zoom.us/j/91353140258?pwd=d1J5eE5LUlFnV1k3NEhPTU1SeVBXQT09</a> Passcode: vr2@2022

Day 1: Thursday, December 1, 02:30 PM to 04:00 PM

Parallel Session: Track 3: Robotics and Automation

Venue	Computer Lab 7, 4 <sup>th</sup> floor
Chair	Dr. Sharadchandra Lohokare (CEO of JyoSH AI solutions, Pune), Dr. Snehal bhosale, Dr.Amit Kukkur
2:30 PM	Paper ID: 9809 - The Role of Chatbots in higher education sector
2:50 PM	Paper ID: 9838 - Development of user interface using Robotic Process Automation in Healthcare
3:10 PM	Paper ID: 6636 - Coordinate tracing and obstacle avoiding robotic car
3:30 PM	Paper ID: 9150 - Sentiment analysis using SageMaker and Pytorch
Contact	Bhapka Abhishek – Ph. no. 8380986462
Zoom Link	<a href="https://zoom.us/j/96674984560?pwd=VXVRdzdmeFhQeUxaWVM3cHJjdndTQT09">https://zoom.us/j/96674984560?pwd=VXVRdzdmeFhQeUxaWVM3cHJjdndTQT09</a> Passcode: vr3@2022

Day 1: Thursday, December 1, 02:30 PM to 04:00 PM

Parallel Session: Track 4: Communication and Information Technology

Venue	Computer Lab 8, 4 <sup>th</sup> floor
Chair	Dr Shruti Bhargava Choubey (Dean Innovations,Sreenidhi Institute of Science & Technology, Hyderabad), Dr Rizwan Ahmed Ansari, Dr. Deepali Vora
2:30 PM	Paper ID: 3118 - A Survey Paper on new Efficient and Improved path to execute Shortest Remaining Time First
2:50 PM	Paper ID: 769 - Redefining endpoint security through next-gen monitoring tools

3:10 PM	Paper ID: 3582 - A Novel SMS-Based Crack Detection System
3:30 PM	Paper ID: 7026 - A Review on Modified Residual Energy Aware for Electing Optimal Cluster Head Selection in Wireless Sensor Network
Contact	Supriya Mahadevkar – Ph. no. 8149032458
Zoom Link	<a href="https://zoom.us/j/94122813274?pwd=UmxOY1RaUVhZNXBOaWtVamdKOWYxQT09">https://zoom.us/j/94122813274?pwd=UmxOY1RaUVhZNXBOaWtVamdKOWYxQT09</a> Passcode: vr4@2022

Day 2: Friday, December 2, 10:30 AM to 11:30 AM

Parallel Session: Track 1: Electronics System Designs & Manufacturing

Venue	Computer Lab 5, 4 <sup>th</sup> floor
Chair	Dr. Jaykumar A. Dave, (Associate professor, Silver oak university Ahmedabad, Gujarat), Dr. Harikrishnan
10:30 AM	Paper ID: 4838 - An Efficient MPPT Strategy to Mitigate the Effects of Varying Irradiance on Solar Photovoltaic Systems
10:50 AM	Paper ID: 8726 - Irregular Occurrence Detection of Video Surveillance Using DeepConvolutionalGAN
Contact	Gaikwad Sachin – Ph. no. 9604088993 / 9067688465
Zoom Link	<a href="https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09">https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09</a> Passcode: vr1@2022

Day 2: Friday, December 2, 10:30 AM to 11:30 AM

Parallel Session: Track 2: Artificial Intelligence and Machine Learning

Venue	Computer Lab 6, 4 <sup>th</sup> floor
Chair	Dr. Garlapati Nagababu (Assistant Professor, Pandit Deendayal Energy university, Gandhinagar, Gujarat), Dr.Preeti Mulay, Dr.Sanket Kassa
10:30 AM	Paper ID: 5384 - Real Time Insights On Global Covid-19 Data Through Intelligent Dashboard
10:50 AM	Paper ID: 8104 - Business Intelligence On Retail Data – A Decision Making Tool Through Dashboard

Contact	Vishal S. Kumbhar – Ph. no. 7843052025/9325387511
Zoom Link	<a href="https://zoom.us/j/91353140258?pwd=d1J5eE5LUiFnV1k3NEhPTU1SeVBXQT09">https://zoom.us/j/91353140258?pwd=d1J5eE5LUiFnV1k3NEhPTU1SeVBXQT09</a> Passcode: vr2@2022

Day 2: Friday, December 2, 10:30 AM to 11:30 AM

Parallel Session: Track 3: Robotics and Automation

Venue	Computer Lab 7, 4 <sup>th</sup> floor
Chair	Dr. Praveen N (Professor of Electrical Engineering, University of Technology and Applied Sciences, Ibra, Al-Sharqiah North Governorate, Sultanate of Oman), Dr. Anirban sur, Dr. Mangal Singh
10:30 AM	Paper ID: 2377 - Machine Learning Based Novel Framework for Malware Detection
10:50 AM	Paper ID: 4636 - Indian vehicle number plate detection and recognition using morphological operations and state extraction
Contact	Pragya Saxena – Ph. no. 8887845859
Zoom Link	<a href="https://zoom.us/j/96674984560?pwd=VXVRdzdmeFhQeUxaWVM3cHJjdndTQT09">https://zoom.us/j/96674984560?pwd=VXVRdzdmeFhQeUxaWVM3cHJjdndTQT09</a> Passcode: vr3@2022

Day 2: Friday, December 2, 10:30 AM to 11:30 AM

Parallel Session: Track 4: Communication and Information Technology

Venue	Computer Lab 8, 4 <sup>th</sup> floor
Chair	Dr Sandeep Kumar (Professor, Dept.of CSE, KL University, Guntur, Andhra Pradesh), Dr. Paresh Nassikkar
10:30 AM	Paper ID: 7961 - Blockchain Supported Charity System to Track the Utilization of Funds
10:50 AM	Paper ID: 5553 - A Study of User Perception and Adoption of Telemedicine
Contact	Rohan Sawant – Ph. no. 8378011544



Zoom Link	<a href="https://zoom.us/j/94122813274?pwd=UmxOY1RaUVhZNXB0aWtVamdKOWYxQT09">https://zoom.us/j/94122813274?pwd=UmxOY1RaUVhZNXB0aWtVamdKOWYxQT09</a> Passcode: vr4@2022
-----------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Day 2: Friday, December 2, 02:30 PM to 04:00 PM

Parallel Session: Track 1: Electronics System Designs & Manufacturing

Venue	Computer Lab 5, 4 <sup>th</sup> floor
Chair	Dr. Anjali B. Raut (Professor & Principal, HVPM's College of Engineering, SGB Amravati University, Amravati), Dr. Prabhat Thakur, Dr. D. Marshiana
2:30 PM	Paper ID: 8532 - A Binary Audio Fingerprint Based Music File Retrieval System
2:50 PM	Paper ID: 1471 - Voice Controlled Radio Mobile Application With Speech Recognition Using Alan Studio
3:10 PM	Paper ID: 8291 - Text Extraction and Categorization of Videos using Image Processing Techniques and Naïve Bayes Classifier
Contact	Priyambada Praharaj – Ph. no. 8698093758
Zoom Link	<a href="https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09">https://zoom.us/j/93100248967?pwd=MmRubXBLYVZ5aDVwNUwyNnU4dm05dz09</a> Passcode: vr1@2022

Day 2: Friday, December 2, 02:30 PM to 04:00 PM

Parallel Session: Track 2: Artificial Intelligence and Machine Learning

Venue	Computer Lab 6, 4 <sup>th</sup> floor
Chair	Dr Pradeep Kumar N S (Associate Professor & Hod E&TC, S. E. A. College Of Engineering and Technology, Bengaluru, Karnataka), Dr. Anurag Mahajan, Dr. Vijay lamba
2:30 PM	Paper ID: 4305 - A Survey Paper on Banker's Algorithm to Remove Deadlock
2:50 PM	Paper ID: 3714 - Smart Surgery Guide (SSG)
Contact	Vandana Patyal – Ph. no. 8197857447

Zoom Link	<a href="https://zoom.us/j/91353140258?pwd=d1J5eE5LUIFnV1k3NEhPTU1SeVBXQT09">https://zoom.us/j/91353140258?pwd=d1J5eE5LUIFnV1k3NEhPTU1SeVBXQT09</a> Passcode: vr2@2022
-----------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Day 3: Saturday, December 3, 10:30 AM to 11:30 AM

Parallel Session: Track 3: Robotics and Automation

Venue	Computer Lab 7, 4 <sup>th</sup> floor
Chair	Dr. Prashant Kumar Shrivastava (Principal, College of Polytechnic Engineering, Dr. A.P.J. Abdul Kalam University, Indore (M.P.)), Dr. Durgesh Nandan
10:30 AM	Offline presentation
Contact	Radhika Swarnkar – Ph. no. 7587101965/ 8236055516
Zoom Link	<a href="https://zoom.us/j/96674984560?pwd=VXVRdzdmeFhQeUxaWVM3cHJjdndTQT09">https://zoom.us/j/96674984560?pwd=VXVRdzdmeFhQeUxaWVM3cHJjdndTQT09</a> Passcode: vr3@2022

Day 3: Saturday, December 3, 10:30 AM to 11:30 AM

Parallel Session: Track 4: Communication and Information Technology

Venue	Computer Lab 8, 4 <sup>th</sup> floor
Chair	Dr. Mahesh Kumar Singh (Research Mentor, CL Educate Ltd., New Delhi), Dr.Chandan kumar choubey
10:30 AM	Offline presentation
Contact	Prajakata Magdum – Ph. no. 7057717376 / 9420195511
Zoom Link	<a href="https://zoom.us/j/94122813274?pwd=UmxOY1RaUVhZNXBOaWtVamdKOWYxQT09">https://zoom.us/j/94122813274?pwd=UmxOY1RaUVhZNXBOaWtVamdKOWYxQT09</a> Passcode: vr4@2022