



Event Outcome Report

Summary of Events (Month-wise)

S.No.	*Type of Event		Name of Event (Latest first)	Date (from-to) (YYYY/MM/DD)	Duration (days)	Pg. No. (from-to)
	Category	Metric No.				
1			<i>Printed sensors for a Smarter, Healthier and Connected Industrial World.</i>	<i>30th and 31st January, 2026</i>	<i>2 day</i>	<i>1-6 School</i>

* **Type of Events-** Please categorize as per the applicable NAAC AQAR Metric No. (AQAR manual attached for reference)

Category would also include Conferences, Seminars, FDP, MDP, SDP, Guest Lectures, Webinars, Industrial Visits, and any other events, with their respective metric no.



Event Outcome Report

1. **Topic/ Title of Event:** *Printed sensors for a Smarter, Healthier and Connected Industrial World*
(Refer to the Indicative List of Events)

2. **Type of Event:** (*Annex* the brochure/ information manual) (tick the appropriate box)

Conference	<input type="checkbox"/>	Seminar	<input type="checkbox"/>	FDP	<input type="checkbox"/>	SDP	<input type="checkbox"/>	Others, Specify	<input type="checkbox"/>
Guest Lecture	<input type="checkbox"/>	Webinar	<input type="checkbox"/>	MDP	<input type="checkbox"/>	Industrial Visit	<input checked="" type="checkbox"/>		<input type="checkbox"/>

Others, Specify _____

3. **Date/ Duration of Event Date:** (YYYY/ MM/DD) to (YYYY/ MM/DD):(2026/01/30) to (2026/01/31),2 day

4. **Mode (tick):**

Online	<input type="checkbox"/>	Offline	<input checked="" type="checkbox"/>	Blended	<input type="checkbox"/>
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5. **Collaboration, if any.**

Name of Organisation	SIU	Outside SIU
Sponsorship, if any	None	

6. **Objective of Event:**

- a. To introduce the fundamentals and recent advancements in printed sensor technologies.....
- b. To highlight applications of printed sensors in smart, connected, and healthy industrial systems.
- c. To foster interaction between students, researchers, and experts from academia and industry.

7. **Event contributing to SDGs (Global/ National/ Regional/ Local requirement). Yes/ No**
*Yes. The event contributes to the United Nations Sustainable Development Goals by promoting research and awareness in printed sensor technologies that support **good health and well-being (SDG 3)** through advanced healthcare monitoring, **industry, innovation, and infrastructure (SDG 9)** by enabling smart and connected industrial systems, and **responsible consumption and production (SDG 12)** through sustainable, low-cost, and scalable sensor manufacturing approaches, addressing global as well as national and regional technological needs.*

8. **Event usefulness leading to - Employability/ Entrepreneurship/ Skill Development/ IPR/ Innovation/ Professional Ethics/ Gender/ Environment etc.** **Yes/ No**
The event is useful in enhancing skill development and employability by providing exposure to emerging printed sensor technologies, fostering innovation and research orientation through interactions with experts, encouraging entrepreneurship and IPR awareness in sensor and semiconductor domains, and promoting professional ethics, inclusivity, and environmental sustainability through responsible and interdisciplinary technological practice

9. **Name of Faculty Coordinators:**

**10. Resource Persons: Provide brief profile of resource person(s) in Brochure/ Information Manual**

S.No.	Name	Organization
1.	Dr.Prakash Chauhan	Director,NRSC,ISRO,Hyderabad
2.	Dr.JV Satyanarayana	OS&ScH,Director,AI and Visualization group,RCI
3.	Dr.SK Sharma	Director,IT&Electronics Government of Telangana
4.	Mr.MGPL Narayana	Chair,IEEE Hyderabad Section
5.	Dr.Rajanikanth Aluvalu	Director,Symbiosis Institute of Technology
6.	Prof.Shweta Agarwala	Professor and Associate Dean,Ahmedabad University
7.	Prof.Sanket Goel	Birla Chair professor,HEAD-BITS Pilani Hyderabad Campus
8.	Prof.Shanmuga Sundar Dhanabalan	Associate Director,CTI
9.	Mr.N.Venkatesh	Sr.Director,Engineering,Silicon Labs
10.	Dr.Sonu Gandhi	Scientist E at the National Institute of Animal Biotechnology,Hyderabad,India
11.	Prof.Parikshit Sahatiya	Associate Professor,BITS Pilani,Hyderabad Campus
12.	Dr.Kaveri Jain	TLP Member of Technical Staff Lead,Micron.
13.	Prof.Varun Ranghunathan	Assisntant Professor,IISC,Bangalore
14.	Prof.Ponnalagu RN	Associate Professor,BITS,Hyderabad
15.	Dr.Priyanka Veeramosu	Sr.Asst.Professor,ECE VNRVJIET

11. Total Number of Participants:

Students	Faculty	Staff	Total Participants
6	2	1	9

a. Student Attendance (Annex attendance details in the below-given format)

S.No.	Name of Student	Program & Sem
1.	Laxmi Chandrahaas	CSE&2 nd Sem
2.	Dhruva Sai	CSE&2 nd Sem
3.	Vrishub	CSE(AI-ML)&2 nd Sem
4.	Mohammed Adnan	CSE&2 nd Sem
5.	Lakshman Reddy	CSE&2 nd Sem
6.	Pranav Ponnada	CSE&2 nd Sem

b. Faculty/ Staff Attendance (Annex attendance details in the below-given format)

S.No.	Name Faculty/ Staff	Department
1.	Sai Prashanth Mallellu	Adjunct Faculty

12. Programme Schedule (Minute to Minute)**08.30 to 09.15 am** Registration**09.30 to 10.30 am** Inauguration**10.00 to 10.30 am** Inaugural address. Dr. JV Satyanarayana, OS & Sc H, Director, AI and Visualization group, RCI**10.30 to 2.45 pm** Session 1: Session Chairs: Prof. Ponnalagu R N, BITS Pilani Hyderabad Campus and Dr. Priyanka, VNR VJIET**10.30 to 11.15 am** Talk by Prof. Shweta Agarwala (IEEE Sensors Council Distinguished Lecturer) Ahmedabad University Title: Living with Electronics: Designing Soft, Resorbable Materials for Next-Generation Healthcare**11.15 to 11.30 am** Tea break**11.30 to 12.15 pm** Talk by Dr. Sonu Gandhi National Institute of Animal Biotechnology (NIAB) Title: Screen Printed Electrodes for Smart Sensing**12.15 to 1.00 pm** Talk by Dr. Kaveri Jain TLP Member of Technical Staff Lead, Micron Title: Fabrication processes for sensor device structures



01.00 to 2.00 pm Lunch _ Auditorium Foyer

02.00 to 2.45 pm Talk by Prof. Parikshit Sahatiya BITS Pilani Hyderabad Campus IEEE Sensor's Council's Winter School on Printed Sensors: Tantative Schedule Page 2 of 3 Title: 2D Materials based Flexible and Wearable Sensors

02.45 to 5.30 pm Hands on Sessions (MMNE lab/NSDL lab/Clean room) Tea Break in between Saturday, 31 January 2026

9.30 to 10.00 am Keynote Lecture by Dr. Prakash Chauhan Director, NRSC, ISRO, Hyderabad Title: To be Confirmed

10.00 to 1.15 am Session 2: Session chairs Prof. Arindam Kushagra, BITS Pilani Hyderabad Campus and Dr. Ushadevi, KL University

10.00 to 10.45 am Talk by Prof. Shanmuga Sundar Dhanabalan (online) La Trobe University, Melbourne, Australia Title: 'Soft Electronics: Making Wearable Technology Feel Like a Second Skin'

10.45 to 11.30 am Talk by Prof. Varun Raghunathan, Associate Professor Indian Institute of Science (IISc) Title: Dielectric Meta surfaces for Sensing and Nonlinear Optics

11.30 to 11.45am Tea break

11.45 to 12.30 pm Talk by Mr. N. Venkatesh Senior Director, Engineering, Silicon labs Title: Ultra-Low Power Wireless MCUs for Printed Sensors

12.30 to 1.15 pm Talk by Prof. Sanket Goel (IEEE Sensors Council Distinguished Lecturer) BITS Pilani, Hyderabad Camus Title: Printed Devices for Biosensing Applications

01.15 to 2.00 pm Lunch break

02.00 to 4.30 pm Hands on Sessions (MMNE lab/NSDL lab/ Clean room) Tea Break in between

04.30 to 5.30 pm Valedictory Session/Certificate distribution/Feedback Collection Dr. S K Sharma, Director – IT & Electronics, Government of Telangana Dr. Rajinikanth Aluvalu, Director Symbiosis Institute of Technology

13. Description of Event (max. 250 words)

The Winter School on Printed Sensor Technologies was organized to provide an in-depth understanding of emerging sensor technologies and their applications in smart, connected, and sustainable systems. The event brought together students, researchers, academicians, and industry professionals to explore recent advancements in printed sensors, materials, fabrication techniques, and real-world applications. The program included expert lectures, technical sessions, and interactive discussions covering topics such as printed electronics, flexible and wearable sensors, healthcare monitoring, industrial sensing, and IoT-enabled systems. Resource persons from reputed academic institutions and industry shared their knowledge, research experiences, and insights into current challenges and future opportunities in the field of sensor technologies.

The event aimed to bridge the gap between theoretical knowledge and practical applications by highlighting industry relevance, innovation potential, and interdisciplinary research directions. Participants were encouraged to engage in discussions, ask questions, and explore collaborative research and career opportunities.

Overall, the Winter School successfully enhanced participants' technical knowledge, research outlook, and awareness of sustainable and innovative sensor solutions, contributing to skill development, employability, and innovation aligned with global technological and societal needs.



Tick (√) to Scale on 1-10 (1 – unsatisfactory and 10 – exceptional)

	1	2	3	4	5	6	7	8	9	10
Overall Satisfaction										√
Usefulness of Event										√
Resource Persons										√
Quality of Content										√
Ease in attending (Offline/ Online/ Blended)										√
Support at Event (Organizing team feedback)										√
Accommodation (if availed)										√
Handouts/ Study Material (if provided)										√

14. Details of Achieved Outcomes (Whether the objectives were achieved and an inclusive environment was created?) (max 50 words)

The event successfully achieved its objectives by enhancing participants’ understanding of printed sensor technologies and their applications. An inclusive and interactive learning environment was fostered, encouraging active participation, knowledge exchange, and collaboration among students, researchers, and professionals from diverse backgrounds.

15. Photographs/ Press Note/ Media Coverage:



SYMBIOSIS INSTITUTE OF TECHNOLOGY, HYDERABAD

Constituent of Symbiosis International (Deemed University), Pune

(Established under Section 3 of the UGC Act of 1956 vide notification number F-9-12/2001-U-3 of the Government of India)

Re-Accredited by NAAC with 'A++' Grade

॥ परमपूज्य कृष्णकर्म ॥

Note: Max 2-4 geotagged-pics (please follow geo tagging guidelines issued by SIU)



IEEE Sensors Council | **IEEE Hyderabad Section** | **IEEE HYDERABAD SECTION**

BITS Pilani
Hyderabad Campus

IEEE SENSORS COUNCIL HYDERABAD CHAPTER

Winter School

Printed Sensors for a Smarter, Healthier and Connected Industrial World

Dates : Jan 30 and 31, 2026

**Department of EEE,
BITS Pilani Hyderabad Campus**

**Venue:
Seminar Hall - G204 B**

BITS Pilani CREST | **MEMS, Microfluidics & Nanoelectronics Lab** | **SIT HYDERABAD**

Signature & Name (QIC Coordinator)	Signature, Name & Seal (Director of Institute)

Director
Symbiosis Institute of Technology
Hyderabad-509 217.