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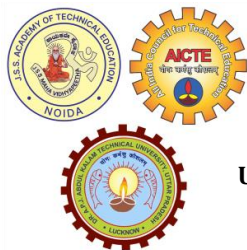**JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA**
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SUMMARY OF STUDENTS ACTIVITIES

STUDENT ACTIVITY	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
IEEE Signal Processing Society	04	10	03
IEEE Robotics & Automation Society	03	08	04
IETE Society	-	-	11
WiBD	-	02	01
QUANTA	03	02	03
IIT Bombay Spoken Tutorials	-	-	10
Electrobytes (Departmental Magazine)	02	02	02
e-Yantra Robotics & eLSI (IIT Bombay)	04	-	05
Carrier Guidance Cell	02	04	02
Industrial Visit	-	-	02
Alumni Meet/Interaction with Students	-	01	04
TOTAL	18	29	47
	94		

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IEEE SIGNAL PROCESSING SOCIETY

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	04	10	03
TOTAL	17		

DETAILS OF EVENTS CONDUCTED

AY 2020-21			
Sl. No.	Event Name	Resource Person	Date
1	QUIZORAMA	Online Quiz	04-04-2021
2	Workshop on Data Science	Parth Sharma Chief Data scientist at Jasper Colin Research	08-05-2021
3	VOCABSTER	Online Workshop	16-05-2021
4	Ad-Mad	Online Event	06-06-2021

AY 2021-22			
Sl. No.	Event Name	Resource Person	Date
1	Express yourself	Event conducted in online platform	26-08-2021to 02-09-2021
2	IEEE YESIST12 - Maker fair 2021	Event conducted in online platform	18-09-2021 to 20-09-2021
3	Web development workshop	Prof. Abhishek Kesharwani, Assistant Professor at United College of Engineering and Research, Prayagraj	03-10-2021
4	Circuitronics event on occasion of IEEE Day	Event conducted in online platform	02-04-2021 to 04-04-2021
5	Code Logix event	Event conducted in online platform	06-11-2021
6	Techno-Write event	Event conducted in online platform	21-11-2021
7	GATEWAY TO VLSI DESIGN	Mr. Akash Yadav (Synopsys) graduate of JSSATE of 2019 batch	13-03-2022
8	THE STARTUP JOURNEY	Mr. Deepak Khatri (Founder, Upside Down Labs).	23-04-2022

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9	Signaling and Telecommunications in Indian Railways	Mr. Shubham Dwivedi (IES, JSSATE'14) Divisional engineer(S&T), Indian railways	30-04-2022
10	HOW TO START A STARTUP	Mr. Krishna Khandelwal, chemical engineer (IIT, Kanpur)	01-05-2022

AY 2022-23			
Sl. No.	**Event Name**	**Resource Person**	**Date**
1	Introduction to Verilog HDL	Mr. Vaibhav Mishra, Semiconductor professional and founder of Aujus technology & Pine Training Academy (18+ years' experience)	02-10-2022
2	AI_elev8: HOW AI/ML LEARNING helps to develop the product in the field of healthcare, agriculture, telecom & smart cities	Mr. Devesh Srivastava, Industry professional (elev8, MNC in USA)	09-10-2022
3	How to write research article	Dr Nagaraja B G, Associate professor at Department of Electronics & Communication Engineering Vidyavardhaka College of Engineering, Mysuru.	28-10-2022

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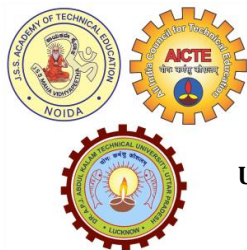www.jssaten.ac.in

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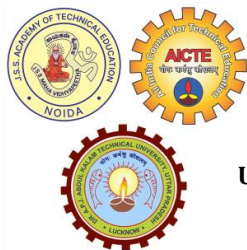
IEEE ROBOTICS & AUTOMATION SOCIETY

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	03	08	04
TOTAL	15		

EVENTS/ACTIVITIES CONDUCTED

ACADEMIC YEAR 2020-2021			
Sl. No.	EVENT NAME	RESOURCE PERSONS	DATE
1	Webinar on IEEEXTREME 14.0.	Mr. Syed Hasan Askari Rizvi and Ms. Shreya Gupta	14-07-2020
2	Webinar on Recent advances in AI ML & Robotics from the industrial aspect point of view: Macro to Nano stage	Dr. T. C. Manjunath (Online: Cisco-Webex platform)	21-04-2021
3	World Environment Day Competition- Connect to nature in COVID times	Dr. Gayatri Sakya, Chapter Advisor, IEEE RAS. and Ms. Gunjan Varshney, Counsellor, Dr. Arun Kumar G.(HOD ECE)	08-05-2021
ACADEMIC YEAR 2021-22			
Sl. No.	EVENT NAME	RESOURCE PERSONS	DATE
1	Guest Lecture on Patent filing process in India	Pooja Kumar, Director Innove Intellect LLP (Online: Cisco-Webex platform)	09-09-2021
2	A pre project talk on project selection, literature survey and plagiarism checking	Pro) Dr Manish Sharma, Chitkara University	01-10-2021
3	Short Term Training on Intellectual Property Rights" Jointly organized by CIPAM	CIPAM HR	03rd and 4th June 2022
4	Online webinar on "How to start a start-up"	Mr. Krishna Khandelwal, Founder of Human AI (IIT Kanpur)	01-05-2022

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5	IEEE RAS JSSATEN organized a "Poster making competition" on Mother's Day	POSTER MAKING Competition	8th May, 2022
6	QUIZTRONICS – A Technical Quiz Competition	Mentor: Dr. Gayatri Sakya, IEEE RAS Chapter Advisor	20th March 2022
7	Webinar on Latest Communication Trends	Dr. Prem Chand Jain	24th May 2022
8	WEBINAR: EMBEDDED WEB TECHNOLOGY and Robotics Lab	Mr. Kartik Gupta (Expert on IoT, Python)	30th April 2022-08-29

ACADEMIC YEAR 2022-23			
1	Hands-on Session on IOT application using LoRaWAN on	Mr. Harsh Sharma– Engineer Touch TECHNO ,New Delhi	07-10-2022
2	CAFFEINATED FAST FINGERS – A Coding Competition QUIZTRONICS	Saumya Shukla – Chairperson Ketan Popli – Vice Chairperson Vrattica Yadav – General Secretary Abhimanyu Singh – Web Master Prajjwal Singh – Treasurer	on 4thOctober, 2022
3	One Day online HANDS-ON session on "Simulation in NS2 and NS3"	Dr Rajeev K Sakya (NS3 expert), Dr Gayatri Sakya(NS2 Expert)	17-09-2022
4	Hans-on workshop in e-Yantra Embedded Systems and Robotics Lab	Dr Gayatri Sakya, Monika Malik , Manan (student)	24-11-2022 & 25-11-2022

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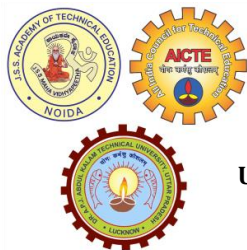www.jssaten.ac.in
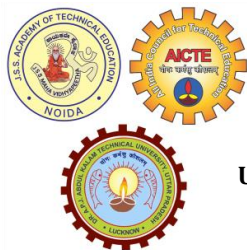
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IETE SOCIETY

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	-	-	11
TOTAL	11		

EVENTS/ACTIVITIES CONDUCTED

ACADEMIC YEAR 2022– 2023			
SL. NO.	EVENT NAME	RESOURCE PERSONS	DATE
1	VLSI Design Flow using CADENCE TOOLS	Mr. Anish Kumar Sharma, Sr. Application Engineer	20-09-2022
2	Hands-on session on ORCAD Cadence Tool Suite	Sampath Kumar V, Assistant Professor, JSSATEN, Noida	24-09-2022
3	IOT with Raspberry Pi & Arduino	Mr. Ritesh Kumar, DUCAT, Noida	27-09-2022
4	Data Analytics Using Python	Mr. Rohit Pahwa	30-09-2022
5	Internet of Things using Aurdino/Node MCU	Shri Ravindra Misra Senior Research Engineer	04-11-2022
6	Expert Talk on : VLSI Design Tools, Technologies And Applications	Mr. Chandan Jha	11-11-2022
7	Hands On Session on Python Programming	Mr. Jitendra Kumar, Data Scientist, APPWARS Technologies Pvt. Ltd.	16-11-2022
8	Simulation of Analog & Digital Circuits using Multisim software	Ms. Rajeshwari Bhatt & Ms. Ruchi Paliwal, Asst Professor, JSSATE, Noida	25-11-2022
9	Matlab: Programming and Simulink	Dr Bharat Bhushan Sharma, Asst. Professor, JSSATE, Noida	09-12-2022
10	Introduction to ANSYS HFSS for Antenna Design	Mr. Rakesh Kumar & Ms Ruchi Paliwal, Asst. Professor, JSSATE, Noida	16-12-2022
11	Hand on Session on Matlab	Dr Bharat Bhushan & Mr. Rahul Kumar Gupta, Asst. Professor, JSSATE, Noida	24-02-2023

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Women in Big Data (WiBD)

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	-	02	01
TOTAL	03		

SUMMARY OF THE ACTIVITIES

AY: 2021-22		
Sl. No.	EVENT TITLE	DATE
1	Meeting with the WiBD Officials prior to the Chapter Opening	02-04-2022
2	WiBD Student Chapter Opening and invited talk by Mr. Anurag Walia on 'Real World Applications of Data Science in the Industry'	14-05-2022
AY: 2022-23		
Sl. No.	EVENT TITLE	DATE
1	Expert Talk on 'CAREER FOR WOMEN IN TECHNOLOGY' by Mr. Tarun Kumar Vashistha, Principal Software Engineering Manager, Microsoft, Hyderabad	4/11/2022

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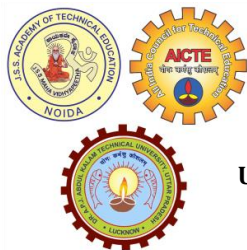www.jssaten.ac.in

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DEPARTMENT TECHNICAL SOCIETY "QUANTA"

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	03	02	03
TOTAL	08		

QUANTA EVENTS/ACTIVITIES CONDUCTED

AY 2020-21			
Sl. No.	Event Name	Event Description	Date/Venue
1	Orientation Program	In the orientation program, the QUANTA team briefed the first year students about its working, achievements, and future events. About 250 students were in attendance for this orientation program.	07-12-2020, (Online)
2	Breaking Billet	To organize a webinar in which our alumnus will be invited to share their experience in industry with students of 2nd and 3rd years	19-12-2020
3	Embedded Systems Workshop	Workshops on Embedded Systems were conducted in the Electronics Department for the students of first year. 101 participated in the workshop, with a maximum of 4 members in each team.	24-04-2021
AY 2021-22			
1	Recruitments	An aptitude test and PI conducted to recruit student from first year into team Quanta. The recruitments were completed by selecting 24 students based on their profile and performance.	16-10-2021 to 18-10-2021
2	Orientation Program	In the orientation programme, the QUANTA team introduced the first year students about its working, achievements, and future events. About 200 students were in attendance for this orientation program. Quanta Members have present some quanta projects.	22-11-2021, MPH

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		AY 2022-23		
1	Orientation Program	In the orientation programme, the QUANTA team introduced the first year students about its working, achievements, and future events. About 200 students were in attendance for this orientation program. Quanta team members have done following events: 1. Quiz 2. Software and Hardware presentation 3. Guess the songs		14-11-2022, MPH
2	Design Workshop	A design workshop conducted by third years for 2nd years. The workshop focused on teaching, editing and designing over the first two days. On the last day, a small design competition followed by certificate distribution.		22nd - 24th September 2022, AB-1
3	Recruitments	Overall 31 students were recruited from first and second year combined		22-02-2023 to 24-02-2023 AB1

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IIT BOMBAY SPOKEN TUTORIALS

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	NA	NA	10
TOTAL	10		

EVENTS/ACTIVITIES CONDUCTED

2022-23 (ODD SEMESTER)				
SL NO	COURSES	START AND END DATE	DURATION	AUDIENCE
1.	Latex	26.11.2022/03.01.2023	One Month	Faculty & Staff Members
2.	Python	03.01.23	One Month	Faculty & Staff Members
3.	SciLab	03.01.23/10.12.22	One Month	Faculty & Staff Members
4.	Arduino	03.01.23/19.11.22	One Month	Faculty & Staff Members
5.	R Programming	27.12.22	One Month	Faculty & Staff Members
6.	e-Sim	26.11.22	One Month	Faculty & Staff Members
7.	Latex	13.10.22	One Month	VII Semester
8.	Python	13.10.22	One Month	VII Semester
9.	Arduino	22.11.22	One Month	V Semester
10.	Python	13.10.22	One Month	III Semester

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SUMMARY OF PUBLIHSED "ELECTROBYTES" MAGZINES

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	02	02	02
TOTAL	06		

DETAILS OF TECHNICAL MAGAZINES "ELECTROBYTE"

Sl. No.	Year of Release	Issue No.	Magazine Theme	No. of vol.
1	2022-23	January 2023	Quantum Computing	02
		August 2022	IRNSS	
2	2021-22	January 2022	Technology and Warfare	02
		August 2021	Covid-19	
3	2020-21	January 2021	Olympics	02
		August 2020	Metaverse	

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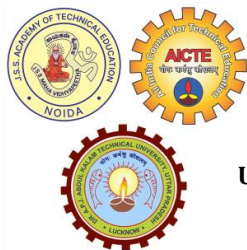Affiliated to Dr. APJ Abdul Kalam Technical University, Uttar Pradesh, Lucknow.
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SUMMARY OF e-YANTRA EMBEDDED SYSTEMS & ROBOTICS LAB

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	04	-	05
TOTAL	**09**		

DETAILS OF EVENTS CONDUCTED

AY: 2020-21		
Sl. No.	**Event Title**	**Date**
1	eLSI LAB Inauguration	20-08-2020
2	e-Yantra Robotics competition 2020-21	02-02-2021
3	e-Yantra Robotics competition 2020-21	02-02-2021
4	e-Yantra lab orientation Program	2019-2020
AY: 2022-23		
Sl. No.	**Event Title**	**Date**
1	Selection of National final at the Indian Institute of Technology Bombay.	31-3-23 & 01-04-2023
2	Hands-On Workshop in e-Yantra: Embedded Systems & Robotics Lab	24-11-2022 & 25-11-22
3	e-Yantra Robotics Competition	01-09-2022
4	e-Yantra Robotics Competition: One team shortlisted	01-12-2022
5	e-Yantra Innovation Spirit: One team shortlisted with Title "e-KISSAN".	23-01-2023

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CARRER GUIDANCE CELL

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	02	04	02
TOTAL	08		

SUMMARY OF THE ACTIVITIES

AY: 2022-23		
Sl. No.	EVENT TITLE	DATE
1	Introduction to VERILOG HDL	17/03/2023
2	Career in VLSI & Embedded System	27/03/2023
AY: 2021-22		
Sl. No.	EVENT TITLE	DATE
1	Study Abroad	24-02-2022
2	Guidance Program on Career Opportunities after B.Tech.	07-03-2022
3	How To Crack Top Rated Placement, Higher Education and Scholarships	21-09-2022
4	Career in India & Abroad	23-09-2022
AY: 2020-21		
Sl. No.	EVENT TITLE	DATE
1	Profile Building for Higher Education and Placement in association with Career Labs	07-06-2021
2	Career Options After Engineering in association with TIME Pvt. Ltd.	04-10-2021

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SUMMARY OF INDUSTRIAL VISIT

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	-	-	02
TOTAL	02		

INDUSTRIAL VISIT

AY: 2020-21			
Sl. No.	EVENT TITLE	DATE	No of Students
PANDEMIC YEAR NO VIST HELD			
AY: 2021-22			
Sl. No.	EVENT TITLE	DATE	No of Students
PANDEMIC YEAR NO VIST HELD			
AY: 2022-23			
Sl. No.	EVENT TITLE	DATE	No of Students
1	SURBHI SATCOM PVT LTD, NOIDA	9-01-2023	50
2	HAVELLS INDIA LTD	30-09-2023	47

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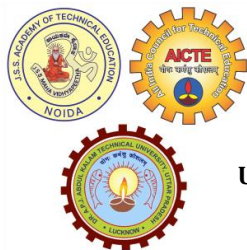**Criteria 4 Coordinator**

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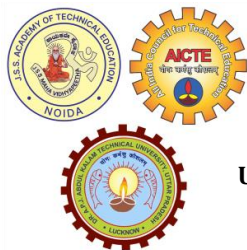**JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA**
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SUMMARY OF MoU/COE ACTIVITIES

MoU/COE	CAYm2	CAYm1	CAY
Texas Instruments Lab (COE)	01	-	-
EMERSON	-	01	01
e-Yantra eLSI	04	-	05
Maven Silicon	-	00	02
EDUNET Foundation	-	-	02
TOTAL	**05**	**01**	**10**
	16		

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TEXAS INSTRUMENTS LAB (COE)

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	01	-	-
TOTAL	01		

AY:2020-21				
Sl. No.	Team Members Name	Event	Date	Participation/ Winner with position
1	**Team Leader** Yogendra Singh (EE- 4th Year) **Team Members** Tarun Shekhar (EE- 4th Year) Ayush Chandra (EEE- 4th Year) Nitin Patel (ECE- 3rd Year) Yash Rajan (EE- 3rd Year)	Texas Instruments India Innovation Challenge Design contest (IICDC)	Contest for the academic year 2020-21. (Program was commenced in 2019-20 and extended to one year 2002-21 more due to Covid 2019).	Our students have been qualified for the semifinal round in the event IICDC (India Innovation Challenge In this event, 75,000+ students were participated in the form of 18,000 teams from all over India, including IITs and NITs. In the result of quarterfinal round only 747 teams could be qualifying for next round.

DETAILS OF EVENTS CONDUCTED

OUTCOME OF THE EVENT: Our students have been qualified for the semi-final round in the event IICDC (India Innovation Challenge In this event, 75,000+ students were participated in the form of 18,000 teams from all over India, including IITs and NITs. In the result of quarterfinal round only 747 teams could be qualifying for next round. In Academic Year 2020-21, Student have received a grant of Rs.18000 from the JSS MAHAVIDHYAPEETHA MYSURU for working on the project "AI for DRONE", selected in the IICDC semi-final Round.

Mr. Shivaji Sinha	**Dr. Arun Kumar G**
Criteria 4 Coordinator	**HOD-ECE**

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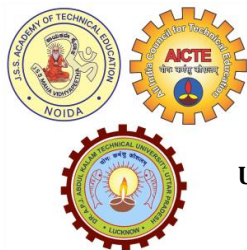www.jssaten.ac.in

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SUMMARY OF "EMERSON" EVENTS

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	-	01	01
TOTAL	02		

DETAILS OF EVENTS CONDUCTED

AY: 2021-22		
Sl. No.	Event Title	Date
1	INTRODUCTORY WORKSHOP TO EMERSON OVATION PANEL	18-09-2021
AY: 2022-23		
Sl. No.	Event Title	Date
1	INTRODUCTORY WORKSHOP TO PLC	23-10-2022

Mr. Shivaji Sinha   **Dr. Arun Kumar G**
Criteria 4 Coordinator   **HOD-ECE**

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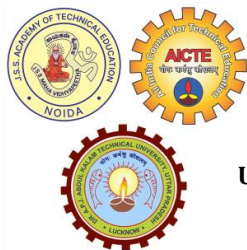**www.jssaten.ac.in**

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SUMMARY OF e-YANTRA EMBEDDED SYSTEMS & ROBOTICS LAB

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	04	-	05
TOTAL	**09**		

DETAILS OF EVENTS CONDUCTED

AY: 2020-21		
Sl. No.	**Event Title**	**Date**
1	eLSI LAB Inauguration	20-08-2020
2	e-Yantra Robotics competition 2020-21	02-02-2021
3	e-Yantra Robotics competition 2020-21	02-02-2021
4	e-Yantra lab orientation	2019-2020
AY: 2021-22		
Sl. No.	**Event Title**	**Date**
Pandemic year no event held		
AY: 2022-23		
Sl. No.	**Event Title**	**Date**
1	Selection of National final at the Indian Institute of Technology Bombay.	31-3-23 & 01-04-2023
2	Hands-On Workshop in e-Yantra: Embedded Systems & Robotics Lab	24-11-2022 & 25-11-22
3	e-Yantra Robotics Competition	01-09-2022
4	e-Yantra Robotics Competition: One team shortlisted	01-12-2022
5	E-Yantra Innovation Spirit: One team shortlisted with Title "e-KISSAN".	23-01-2023

Mr. Shivaji Sinha
Criteria 4 Coordinator

Dr. Arun Kumar G
HOD-ECE

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MAVEN SILICON (MOU)

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	NA	NA	02
TOTAL	02		

SUMMARY OF THE ACTIVITIES

AY: 2022-23		
Sl. No.	EVENT TITLE	DATE
1.	Interaction with students	23-07-2022
2.	MAVEN Silicon Induction program for 30 Days Training Program on HDL	14-10-2022

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Criteria 4 Coordinator

Dr. Arun Kumar G
HOD-ECE

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EDUNET FOUNDATION

Academic Year	CAYm2 2020-21	CAYm1 2021-22	CAY 2022-23
Events Conducted	NA	NA	02
TOTAL	02		

DETAILS OF EVENTS CONDUCTED

AY: 2022-23		
SL. NO.	EVENT TITLE	DATE
1	Hands-on-Session on ARTIFICIAL INTELLIGENCE	21-12-2022
2	Orientation Session on Full Web Development Stack	23-01-2023

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Criteria 4 Coordinator   **HOD-ECE**

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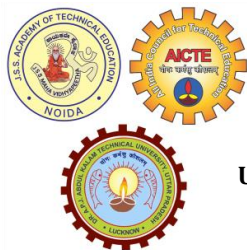www.jssaten.ac.in

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CONFERENCE ORGANIZED IN LAST THREE ACADEMIC YEARS

CONFERENCE	2020-21	2021-22	2022-23
National Conference	0	1	-
International Conference	1	0	-
TOTAL	01	01	-
	02		

DETAILS OF NATIONAL CONFERENCE CONDUCTED

AY: 2020-21		
SL. NO.	NATIONAL CONFERENCE THEME	DATE
1	National Conference on Smart Energy, VLSI and Embedded Systems	24th Sept 2021

DETAILS OF INTERNATIONAL CONFERENCE CONDUCTED

AY: 2020-21		
SL. NO.	NATIONAL CONFERENCE THEME	DATE
1	Intelligent Control and Computation for Smart Energy and Mechatronics Systems (ICCSEMS-2020)	25-26 September 2020

Mr. Shivaji Sinha   **Dr. Arun Kumar G**
Criteria 4 Coordinator   **HOD-ECE**