



**JSS MAHAVIDYAPEETHA**  
**JSS ACADEMY OF TECHNICAL EDUCATION**  
JSSATE Campus, Uttarahalli – Kengeri Main Road, Bengaluru – 560060  
**Department of Electronics & Communication Engineering**

**Staff Achievements:**

**2022-23**

1. Mrs. Savitha A C, Assistant Professor has been awarded with PhD for the thesis titled “Development of secured Energy Efficient Algorithm for Machine-to-Machine Communication Using LTE Networks” by JSS Science & Technology, Mysuru on 22<sup>nd</sup> December 2022.
2. Mrs. Sangeetha K N, Assistant Professor has been awarded with PhD for the thesis titled “Cognitive Based Data Classification and Image Steganographic Algorithm Selection Using Artificial Intelligence Techniques” by Visveswaraya Technological University.
3. Mr. Mahendra H. N, Assistant Professor for being awarded with PhD for the thesis titled “An Efficient Classification of Remotely Sensed data using Supervised Classifier on South – Western Part of Indian Subcontinent” by Visveswaraya Technological University, Belagavi on August 1st 2023.
4. Dr. Veerabhadrappe S T has received a grant of Rs 5000/- for the final year student project titled “Design and Development of Noninvasive Medical Device for Health Monitoring Using Ppg Signal “from KSCST.
5. Dr. Mallikarjunaswamy S and Mr. Mahendra H N have received a grant of Rs 5000/- for the final year student project titled “E-Health Monitoring and Medicine Prescription Generation System Using IoT and Machine Learning “from KSCST.
6. Dr. P M Shivkumaraswamy and Manohar B S have received a grant of Rs 5000/- for the final year student project titled “Dol-Skindi (Detection of Lumpy Skin Disease) “from KSCST.
7. Dr Thejaswini P worked as Organizing Co-Chair, in ISEA Virtual Presentation Conclave-IVPC 2022, an initiative under Ministry of Electronics & Information Technology, Government of India, organized by IITG.

## **2021-22**

1. Dr Aravind H S, Dr. Prabhudev Jagadeesh and Pradeep H. K have been sanctioned a grant of Rs.10 lakhs for the project proposal titled “Ubiquitous Precision Crop Management Using Agricultural IoT and UAV” under VTU Research Grants Scheme - 2021 on 2/3/2022.
2. Dr Mallikarjunaswamy S and Dr Pavitra G S have been sanctioned a grant of Rs 72,500/- for conducting a seminar on NEP -2022, Impact on future Indian Education system sponsored by KSHEC, Govt of Karnataka.
3. Dr. Mallikarjunaswamy S and Dr Pavitra G S submitted a proposal titled “An efficient Machine Learning algorithm for prediction and identification of faults in renewable energy based smart grid” to KSCST under the scheme Science Technology and Innovation for an amount of Rs 500000/-
4. Mrs. Anuradha M G received a grant of Rs 6000/- for the final year student project titled “Implementation of Kannada to Braille translator “from KSCST.
5. Ms. Gunasagari G S and Dr. Poornima N have received a grant of Rs 6000/- for the final year student project titled “Saniha: Application to Create Virtual Relationship Between Farmers and Consumers “from KSCST.
6. Dr. Satish Shet and Mr. Manohar B S have received a grant of Rs 6000/- for the final year student project titled “Smart Battery Management System for Electric Vehicles “from KSCST
7. Dr. Poornima N and Dr. Veeramma Yatnalli have been sanctioned a grant of Rs 2,00,000/- by VGST
8. Dr Thejaswini P was a part of Organizing committee in 18th IEEE India Council Annual International Conference (INDICON-2021), Organized by IEEE India council and hosted by IITG, 19th -21st December, 2021.
9. Dr Thejaswini P received WOMEN IN ENGINEERING TRACK BEST PAPER AWARD, from IEEE India Council, at IEEE INDICON 2021, 19th -21st December, 2021 at IIT Guwahati.

## **2020-21**

1. Mrs. Shubha B and Mrs. Anuradha M G have received a grant of Rs 6000/- for the final year student project titled “Non-Invasive Glucose and Cholesterol Monitoring Device “from KSCST.
2. Ms. Gunasagari G S and Dr. Poornima N have received a grant of Rs 7000/- for the final year student project titled “Keller: Indian Sign Language Gesture To Text And Speech Assistant “from KSCST.

3. Dr. Mallikarjunaswamy S and Dr. Siddesh G K have received a grant of Rs 8000/- for the final year student project titled “Smart Meter for Water Utilization Using IoT “from KSCST.
4. Mr. Mahendra H N and Mrs. Neela A G have received a grant of Rs 5500/- for the final year student project titled “Cloud Based Centralized Smart Cart And Contactless Billing System “from KSCST.
5. Dr. Veeramma Yatnalli and Dr. Saroja S Bhusare have received a grant of Rs 5000/- for the final year student project titled “Design and Development of Personalized Health Detection Device for COVID-19 “from KSCST.
6. Dr. Sathish Shet and Mrs. Latha B N have received a grant of Rs 5000/- for the final year student project titled “Gesture Controlled Plant Watering Robot “from KSCST.
7. Dr Mallikarjunaswamy & Dr. Aravind H S have published a patent titled “Method for Diagnose and Management of Faults in Smart City Cleanliness Administration Using Self-Adaptive Machine Learning on 11/06/2021.
8. Dr. Aravind H S has published a patent titled “Urban Intelligent Parking Guidance System Based on Narrowband Internet of Things (Nb-IoT),” on 19/02/2021.
9. Dr Thejaswini P completed her Post-Doctoral Fellow in the project entitled ‘Information Security Education and Awareness-phase II’, in the Department of Computer Science and Engineering, IIT Guwahati, sponsored by Ministry of Electronics & Information Technology, Government of India, from August 2020 to Feb 2021.
10. Dr Thejaswini P is served as TA (Teaching Assistant) for NPTEL course, “Multi-core Computer Architecture – Storage and Interconnects,” Aug-Oct 2021, Ministry of HRD, Government of India.

## **2019-20**

1. Dr. Aravinda H S, Professor, ECE has been awarded with “Life Time Achievement” award, in Appreciation and Recognition of Outstanding contribution in the field of Administration, Teaching & Research by ESN Awards, September 28<sup>th</sup> 2019.
2. Mrs. N Poornima has been awarded with PhD degree from Vellore Institute of Technology University. Electronics and Communication department congratulates her for achieving one more milestone.
3. Dr Thejaswini P was the Technical session chair in ISEA Virtual Presentation Conclave-IVPC 2020

## Students Achievements:



**Showcase Event of \_VOIS for Tech Innovation Marathon 2022, Pune, July 2022 to October 2022**



**Smart Robot Vacuum Cleaner 9<sup>th</sup> Place Cash Award: Rs. 2,00,000/- Shankar Singh C , Sumanth Rao C S in collaboration with CSE**



**First prize in State Level Engg students Project Exhibition BMS College of Engineering, Bengaluru July 2022**  
**Cash Award: Rs. 2,5000/-**  
 Sagar Dev Achar Pavana Narayana K Sahana A R Phankrishna N M



**Runner-up Prize in ISIE India Hero Electric e-Bike Challenge, Chandigarh, Dec 2021**  
**Cash Award: Rs. 10000/-**  
 Ashish S Ammanagi, Aditya S, Ashritha Shetty D, Bharghav R S, Shwetha Warrior, Simran Navani in collaboration with Mechanical Students

**List of awards received by the students in the last 3 years**

<b>AY 2022-2023</b>						
<b>Sl. No</b>	<b>Name of the Student</b>	<b>Event</b>	<b>Award</b>	<b>Place</b>	<b>Date</b>	
1.	Darshan K S	IEEE YESIST12 2023- “Kaushalya” Open House Project Expo	Best Project, Won Prize of 2000 Rs/	Nitte Meenakshi Institute of Technology, Bengaluru	4 <sup>th</sup> May 2023	
2.	Amrutha H P	IEEE YESIST12 2023- “Kaushalya” Open House Project Expo	Best Project, Won Prize of 2000 Rs/	Nitte Meenakshi Institute of Technology, Bengaluru	4 <sup>th</sup> May 2023	
3.	Vijay M	Showcase Event of _VOIS for Tech Innovation Marathon 2022	2 teams each Bagged 2,00,000Rs/ in Tech Innovation Marathon	Pune	July 2022 to October 2022	
4.	Sumukh A	Showcase Event of _VOIS for Tech Innovation Marathon 2022		Pune	July 2022 to October 2022	
5.	Tushar M S	Showcase Event of _VOIS for Tech Innovation Marathon 2022		Pune	July 2022 to October 2022	
6.	Tarun G V	Showcase Event of _VOIS for Tech Innovation Marathon 2022		Pune	July 2022 to October 2022	
7.	Shankar Singh C	Showcase Event of _VOIS for Tech		2 teams each Bagged 2,00,000Rs/	Pune	July 2022 to October 2022

		Innovation Marathon 2022	in Tech Innovation Marathon		
8.	Sumanth Rao CS	Showcase Event of _VOIS for Tech Innovation Marathon 2022	2 teams each Bagged 2,00,000Rs/ in Tech Innovation Marathon	Pune	July 2022 to October 2022
9.	Ashish S Ammanagi	CIR-Scholarship 2.0	“Scholarship ”	Centre for Inter-Disciplinary Research,JSSATE Bengaluru	6 <sup>th</sup> August 2022
10.	Aditya S	CIR-Scholarship 2.0	“Scholarship ”		6 <sup>th</sup> August 2022
11.	Hemanth Reddy G	CIR-Scholarship 2.0	“Scholarship ”		6 <sup>th</sup> August 2022
12.	Jeevan S Aradhya	CIR-Scholarship 2.0	“Scholarship ”		6 <sup>th</sup> August 2022
13.	Shankar Singh C	CIR-Scholarship 2.0	“Scholarship ”		6 <sup>th</sup> August 2022
14.	Sumanth Rao C S	CIR-Scholarship 2.0	“Scholarship ”		6 <sup>th</sup> August 2022
15.	Sudarshan E Spoorthy R	KSCST Student Project Program	Sanctioned 5,000 Rs	Government of Karnataka and Department of Science and Technology, Government of India	2022-2023
16.	Raghunandan V				
17.	Vaishnavi P				
18.	Spoorthy R		Sanctioned 5,000 Rs		
19.	Chethan S				
20.	Managoli Muktha S				
21.	Kruthika B Jitendra S H		Sanctioned 5,000 Rs		
22.	Likhita B Patil				
23.	Adithya A				
24.	Anusha M				
25.	Manjunatha G C				

AY 2021-2022					
Sl. No.	Name of the Student	Event	Award	Place	Date
1.	Ashish S Ammanagi	ISIE India Hero Electric	Won Cash Prize 10000Rs/ + Runner Up in speed limiter + Secured Innovation Future Award	Chandigarh	24 <sup>th</sup> to 28 <sup>th</sup> December 2021
2.	Aditya S			Chandigarh	
3.	Ashritha Shetty D			Chandigarh	
4.	Bharghav R			Chandigarh	
5.	Shwetha Warrior			Chandigarh	
6.	Simran Navani			Chandigarh	
7.	Samarth P Shet	Assistive System for Dementia Care using IOB	Secured 2 <sup>nd</sup> prize	National Science Fair organized by Department of Chemistry, JSSATE	23 <sup>rd</sup> July- 2022
8.	Shreeram				
9.	Shreyas E				
10.	Sreekaar O				
11.	Sagar Dev Achar	State Level Engg students Project Exhibition	First Place	BMS College of Engineering, Bengaluru	25 <sup>th</sup> -27 <sup>th</sup> July 2022
12.	Pavana Narayana K				
13.	Sahana A R				
14.	Phanikrishna N M				
15.	Abhishek M	Tech Expo	Won 2 <sup>nd</sup> prize (5000Rs/)	Don Bosco College of Engineering Bengaluru	
16.	Sriramulu Hemanth Kumar				
17.	Yasin Qureshi				
18.	Abhishek M	Student Project Program Supported by Department of Science and Technology GoI	Best project of the year	Department of Science and Technology GoI	August 2021
19.	Deepak S				
20.	Sriramulu Hemanth Kumar				
21.	Yasin Qureshi				
22.	Samarth P Shet	Project Exhibition	First place	Dept ECE JSSATEB	14 <sup>th</sup> July 2022
23.	Shreeram				
24.	Shreyas E				
25.	Sreekaar O				
26.	Shishira P	KSCST Student Project Program	Sanctioned Amount of Rs 6000/	Government of Karnataka and Department of Science and Technology,	2021-2022
27.	Shilpa R Deshpande				
28.	Sharanya G V				
29.	Sahana				
30.	Manjunatha R	KSCST Student Project	Sanctioned Amount of Rs 6000/		2021-2022
31.	Achal N Bharadwaj				
32.	Shashank H K				

33.	Shanth Kumar T U	Program		Government of India	
34.	Gayana A Jain	KSCST	Sanctioned Amount of Rs 6000/		2021-2022
35.	Vijayalakshmi A	Student			
36.	Sampada S	Project			
37.	K C Shobith	Program			



**AY 2020-2021**

<b>SI No</b>	<b>Name of the Student</b>	<b>Event</b>	<b>Award</b>	<b>Place</b>	<b>Date</b>
1	Suprada H S	KSCST Student Project Program	Sanctioned Amount of Rs 6000/	Government of Karnataka and Department of Science and Technology, Government of India	FEB 2021- June 2021
2	Prateeksha R V				
3	Shrilaxmi Dixit				
4	Sumedha C				
5	Abhijna Yaji	KSCST Student Project Program	Sanctioned Amount of Rs 7000/	Government of Karnataka and Department of Science and Technology, Government of India	FEB 2021- June 2021
6	Achuth M				
7	Anisha Maria Dsilva				
8	Chethana S R				
9	Abhishek M	KSCST Student Project Program	Sanctioned Amount of Rs 8000/	Government of Karnataka and Department of Science and Technology, Government of India	FEB 2021- June 2021
10	Sriramulu Hemanth Kumar				
11	Yasin Qureshi m				
12	Chandan B Nooli	KSCST Student Project Program	Sanctioned Amount of Rs 5500/	Government of Karnataka and Department of Science and Technology, Government of India	FEB 2021- June 2021
13	Hrishikesh Mashalkar				
14	Havish Manikya				
15	Kruthik N				