

# ANNUAL REPORT

## ACADEMIC YEAR 2020–2021

St Joseph's College of Engineering, Chennai, has the following notable achievements in the year 2020-21:

### Notable Achievements in 2020-21

#### 1. NIRF Rankings 2020

Our College has been listed among the top 200 institutions in India, with 160<sup>th</sup> Rank in the Engineering category by the **National Institutional Ranking Framework (NIRF)**, Ministry of Human Resource Development (MHRD), Government of India.

#### 2. AICTE Lilavati Awards 2020

**All India Council for Technical Education (AICTE) Lilavati Award 2020** intends to recognize efforts being made by AICTE approved institutions to treat women with 'equality and fairness' in all spheres of their lives. Union Education Minister Ramesh Pokhriyal felicitated the Lilavati Award Distribution Ceremony by AICTE along with Union Minister of Textiles and Women and Child Development Smriti Irani on **18<sup>th</sup> March 2021**. The event was held at the office of AICTE at Vasant Kunj. For the AICTE's Lilavati Award, a total of 456 entries had been received and out of them, 25 best entries across the 6 sub-themes were selected by renowned experts of the area. The theme for the award was Women Empowerment, and the six sub-themes were - Women's Health, Sanitation and Hygiene, Literacy, Self-Defense, Women Entrepreneurship and Legal Awareness. St. Joseph's College of Engineering has won **2 Prizes in AICTE Lilavati Awards 2020**.

**“Winner” in Women Self Defence (1 lakh rupees)**

**“1st Runner up” in Women Sanitation and Hygiene (75 thousands)**

Three of entries has been shortlisted for the final presentation. Out of which Above two prizes have been awarded.

#### 3. ARIIA 2020

Our College has been categorized as '**Band B**' institution (rank between 26-50) in category of '**Private or Self-Financed College/Institutes**' in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2020 announced on **18<sup>th</sup> Aug 2020**.

#### 4. University Ranks in the year 2020-21

The students of 2017-21 batch have secured a total of **44 University Ranks**, which include **2 Gold** medals and **2 Silver** medals as detailed below:

#### Anna University Ranks in 2020-21

UG Ranks			PG Ranks		
Dept	Rank		Dept	Rank	
CSE	2		APPLIED ELECTRONICS	-	
ECE	4		CSE	-	
EEE	7		MANUFACTURING ENGG	-	
IT	4		POWER SYSTEM	-	
MECH	6	1 GOLD	CONTROL & INSTRUMENTATION	-	
EIE	3	1 GOLD	EMBEDDED SYSTEM	2	1 SILVER
BIOTECH	3		BIOTECH	2	1 SILVER
CHEM	5		POWER ELECTRONICS	-	
ICE	2		MCA	2	
CIVIL	1		MBA	1	
<b>TOTAL:44 RANKS      MEDALS: 2 GOLD, 2 SILVER</b>					

#### Awards for Department Toppers

The Trust has rewarded the toppers in the university examinations with awards, constituted in the name of famous personalities in various fields as detailed below:

S.No	Name of the Award	Branch	Name of the Student
1	Dr. M.G.R Award	CSE	Ms. Hemasree S
2	A.P. Baulraj Award	ECE	Ms. Karpagavalli S
3	Abraham Lincoln Award	EEE	Ms. Dhivya d
4	Mother Teresa Award	MECHANICAL	Mr. Sriman Bharadwaj M G
5	Dr. A.P.J. Abdul Kalam Award	ICE	Mr. Adhithyan S
6	KalpnaChawla Award	EIE	Ms. Kowsalya N
7	Martin Luther King Award	IT	Ms. Durga B
8	DeivaPulavarThiruvalluvar Award	CHEMICAL	Ms. Vedha Lakshmi S
9	M. Visvesvaraya Award	BIO TECH	Mr. Nishitha Kannan K
10	Dr. K.L. Rao	CIVIL	Ms. Sindhuja S
11	MahakaviSubramaniyaBharathiar Award	M.B.A	Ms. Sumera V M F
12	AnnaiJanaki M.G.R Award	M.E (Applied Electronics)	Ms. Ponmalar V
13	Perunthalaivar Kamarajar Award	M.E (Power Electronics)	Ms. Jemima Havila Catherine A

14	<b>Arignar Anna Award</b>	M.E (Computer Science)	Ms. Sivaranjani A
15	<b>Nelson Mandela Award</b>	M.E ( C & I )	Ms. Darshika Kelin A R
16	<b>Sir C. V. Raman Award</b>	M.E ( Power Systems )	Ms. Pravalika H
17	<b>SrinivasaRamanujan Award</b>	M.E (Software Engineering)	Ms. Jayashri N
18	<b>C.K Prahalad Award</b>	M.E (Manufacturing Engineering)	Mr. Khaleel Rr Rahman T
19	<b>Dr. Muthulakshmi Award</b>	M.Tech (Bio-Tech)	Ms. Shirley Riksy E
20	<b>Dr. S. Radhakrishnan Award</b>	M.E – Embedded System	Ms. Divya Perumal

### **Anna University Results in 2020-21- A glance**

<b>Sl. No</b>	<b>Department</b>	<b>Pass %</b>	<b>Sl. No</b>	<b>Department</b>	<b>Pass %</b>
1	B.E. - Civil Engineering	96.22	11	M.E. - Applied Electronics	100
2	B.E. - Computer Science and Engineering	100	12	M.E. - Computer Science and Engineering	100
3	B.E. - Electrical and Electronics Engineering	100	13	M.E. - Manufacturing Engineering	100
4	B.E. - Electronics and Communication Engineering	98.93	14	M.E. - Power Electronics and Drives	100
5	B.E. - Electronics and Instrumentation Engineering	97.5	15	M.Tech. - Biotechnology	100
6	B.E. - Instrumentation and Control Engineering	100	16	MBA	100
7	B.E. - Mechanical Engineering	98.51	17		
8	B.Tech. - Chemical Engineering	98.41	18		
9	B.Tech. - Information Technology	99.38	19		
10	B.Tech. - Biotechnology	100	20		

## 5. Training and Placement

The institution has always been in the forefront with respect to recruitments. The Centre for Training & Placement has been working vigorously to provide recruitment for our students. **1187 students** are placed through campus interviews. The students are recruited by many leading organizations like Cognizant Technologies, Wipro, Infosys, Ashok Leyland, Wheels India, Soliton Technologies, AMAZON, Verizon, GE Digital, Juspay, Mu-Sigma, Comm Vault, Global Analytics, E-Con Systems, Sirius Vembu Technologies, Tech Mahindra Solution Technologies, HDFC, ICICI, IDBI Federal Life Insurance, Mr. Copper, Bajaj Capital, DHL Logistics, Yes Bank, ITC Ltd, L&T, Zoho, Naukri.com, HCL, Hewitt, RenalultNissian, Virtusa, RBS, Accenture, Mindtree, KotakMahindra Bank, Pepsico etc., with a ranging from **3.2 lakhs to Rs 12 lakhs** per annum.

## 6. Higher Studies

In the year 2020-21, **44 Students** are pursuing their higher studies at various Universities in India and abroad. Students have got admission into top ranking Universities like University of Manchester, RMIT University, John Hopkins University, University of California, Arizona State University, North Carolina State University, National University of Singapore, Illinois Institute of Technology, NJIT, University of Texas, University of Windsor, Northeastern University, IITs, IIMs, NITs, and so on through our Advisory Bureau for Higher Studies (ABHS).

### 7a. Research Activities - Ph D Awardees in 2020-21

Eight faculty members have been awarded Ph.D in the year 2020-21 for their research work by various universities as detailed below:

Name	Designation	Department
Dr. N. Manikandan	Assistant Professor	Computer Science and Engineering
Dr. A. Prabhu Chakkaravarthy	Assistant Professor	Computer Science and Engineering
Dr.A K P Kovendan	Assistant Professor	Electronics and Communication Engineering
Dr.R.Parthasarathy	Assistant Professor	Electronics and Communication Engineering

Dr. G. Brindha	Assistant Professor	Electronics and Instrumentation Engineering
Dr. K. Suresh	Assistant Professor	Information Technology
Dr. T. Balamurugan	Associate Professor	Mechanical Engineering
Dr. S. M. Mullaikodi	Associate Professor	Mechanical Engineering

### **7b. Research Activities - Funded Projects in 2020-21**

<b>Sl. No.</b>	<b>Name of the Funding Agency</b>	<b>Details of the Funded Project</b>	<b>Amount (Rs.)</b>	<b>Name of the faculty and Department</b>	<b>Year</b>
1	Science & Engineering Research Board (SERB), Department of Science and Technology	Development of multi-spectral (Thermal/Visible) Imaging system for Fever screening in Crowded places for Detection of Infectious Diseases.	11,61,629	Dr.M.Palani Thanaraj Electronics and Instrumentation Engineering Dr.Parvathavarthini Computer Science and Engineering	2020-22
2	Indian Council of Social Sciences Research New Delhi	Managing the Psychological well being of remote working employees during covid pandemic	3,25,000	Dr.Jayasree krishnan Master of Business Administration	2020-21
3	Indian Council of Social Sciences Research New Delhi	Climate Change and Its Effect on Agricultural Pattern and Lifestyle of Farmers in The Selected Agro Climatic Zones of Karnataka- Suggest Measure for A Policy Framework	6,60,000	Dr.D.Joel Jeadurai Master of Business Administration	2020-21

## 7c. Research Activities - Patents Registered in 2020-21

<b>S. No.</b>	<b>Country &amp; Patent No.</b>	<b>Name of the Inventor(s)</b>	<b>Title</b>	<b>Date of Filing</b>
1	Indian Patent 202041030473 A	Dr.P.Anbarasan Dr.V.Krishnakumar Dr.Jayarama Pradeep Dr.M.Venmathi Dr.V.VasanPrabhu Mr.R.Elanthirayan (EEE)	Multilevel Inverter Topology with Reduced Switch Count	17/07/2020
2	Indian Patent 202041030656 A	Dr. S. Kanaga Suba Raja Dr. C. Viswanathan Dr. N. Ananthi Dr. C.J. Raman (IT) Dr. R. Jaichandran V. Balaji S. S. L. Durai Arumugam Dr. M. Mohana Dr. S. Usha Kiruthika Dr. J. Kalaivani Dr. K. Gunasekaran	A System and Method for Scheming Water Sustainability Index of Water Bodies through Satellite Imagery	18/07/2020
3	Indian Patent 202041031870 A	N. Manikandan	Futuristic Public Transit Pods Pickup and Drop by Power Line Communication	24/07/2020
4	Indian Patent 202041033273 A	Dr. E. Dhiravidachelvi Dr. E. Anna devi Dr. E. Ahila devi Ms. E. Jayanthi Ms. I. S. Suganthi Mr. J. Raja Mr. Naveenkumar subramaniam Dr. P. Deepa	Vehicular edge computing using a smart embedded system for intelligent Transportation.	03/08/2020
5	Indian Patent 202041033269 A	Dr. S. Baskaran Dr. Prathap Mani Dr. A. Nedumaran Dr. G. Irusapparajan Dr. S. Sumathi (IT) Dr. K. Viji Dr. D. Buvana Suresh P Lal S. M. Vijayarajan K. Latha	Self-Detect and Auto Control Voice Alert for Aircraft Collusion Prevention System Using RSSI and Embedded C	03/08/2020
6	Indian Patent 202041033571 A	Dr.V.Chamundeeswari (EEE)	Fuel Cell Aided Data Transmission	05/08/2020

7	Indian Patent 202041034059 A	Dr.Jayarama Pradeep Dr.P.Anbarasan Dr.M.Venmathi Dr.V.VasanPrabhu Dr.V.Krishnakumar (EEE)	Reconstructed PARKTMS Transformation for Discrete Control of SVPWM inverter Fed Drive.	08/08/2020
8	Indian Patent 202011035974 A	Dr M P Rajakumar	Hybridization With Deep Learning Techniques and Data Mining for Advanced Use of Industrial Sensor Networks	20/08/2020
9	Indian Patent 202041039460 A	P. Naveen	A System and Method for Contactless Fingerprint Scanning and Attendance Process	11/09/2020
10	Indian Patent 202041045340	Dr.Jesline	AIER-Wall: Advanced Isolation Earthquake- Resistant Wall	19/10/2020
11	Indian Patent 202041045624	Dr. K. Gurusami Mr. S. Arumugam Mr. P. Subbarayudu Mr. D. Jayakumar Dr.N.Nadanasabai (MBA)	Method and System to Increase Tool Life by Six Sigma.	20/10/2020
12	Indian Patent 202041045792	Dr. F. Sangeetha Francelin Vinnarasi	Automatic Device for Unlocking Car Door (Key Inside the Car)	21/10/2020
13	Indian Patent 202041048645	Dr. B. Uma Maheswari P. Varun	Smart Atm Using AI and IOT Technology	06/11/2020
14	Indian Patent 202041048947	Prabhu Chakkaravarthy, Dr Angel, Ms K Sudha	Automatic Decomposition And Reconstruction of Dermoscopy Images Using Global Thresholding	11/11/2020
15	Indian Patent 202041048948	Dr. R. Pugalenth	Automated Detection of Lung Abnormality Using Physiological Signals	11/11/2020
16	Indian Patent 202011053273	G. Murugesan	A Charged Device For Cleaning Dust	07/12/2020
17	Indian Patent 202041055982	Dr. K. Gurusami (MBA) Dr. S. Arumugam Dr. R. Nadanasabai Mr. D. Jayakumar Mr. P. Subbarayudu	Lead Time Reduction Through Lean Techniques.	23/12/2020
18	Indian Patent 202041056243	G. Murugesan	A Perspective on Automated for Road Sweeper Using	24/12/2020

			Machine Learning Observations	
19	Indian Patent 202041056676	B. Uma Maheswari	IoT based Smart Device for Pollution Control and Traffic Management System	28/12/2020
20	Indian Patent 202141004390 A	Dr. S. Rajeshkannan Dr. P. Ezhilarasi Dr. J. Sivakumar Dr. B. Vasudevan	Development Of Next Generation Eco Air Purifier Device With Intelligent Air Quality Monitoring	01/02/2021
21	Indian Patent 202121006119	Abhilasha Chaudhuri Rishabh Taruna Dr Sharick Shamsi Sanjaya Kumar Sarangi Dr. Subhadra Mishra Dr.Elavarasan Ganesan Dr.Atul Shiva Dr. Manas Ranjan Chowdhury Dr. V.Muthulakshmi (IT) Pavneet Singh Dr.S.Balamurugan	Sensor Based Intelligent Robotic Device for Elder People to Detect their Falling and Mechanism to Ensure their Safety	12/02/2021
22	Indian Patent 202121010183	Mrs. Seira Shinde Dr. Anuranjan Misra Mr. Shashi Kant Mishra Dr. Neel Kamal Dr. V.Sangeetha R.Nithya Dhiraj Kapila Dr.Vijay Dhir Dr.D.Shanmugapriyaa Dr. V Muthulakshmi (IT) Dr. Md. Khaja Mohiddin Dr.S.Balamurugan	IOT Based Smart Home Security System	10/03/2021
23	Indian Patent 202141010993	Dr. M. Anuradha	Determination of Soil Nutrients and pH Level Using Deep Learning and IOT	15/03/2021
24	Indian Patent 202141011859 A	Dr. G. Annapoorani Mrs. G. Lathaselvi (IT) Ms. R.Jancykanagajeeva	Mobility Monitoring and Emergency AID System for Parkinson's Disease Patient	19/03/2021
25	Indian Patent 202141014597	Dr. J.Jean Justus (CSE)	Baiting Scam Attack Detection Using Two Way Authentication by ECC Approach	30/03/2021
26	Indian Patent 202141016773	Dr.P.Pattunnarajam Dr. B Yamini Dr. S. Meena (EIE) Mrs. Meenakshi	Low complex security mechanism for implantable medical devices against non	09/04/2021



		Shunmugam Dr.A. Jesudoss Dr.M.Mercy Theresa	repudiation violations.	
27	Indian Patent 202141019751	Dr.A.Sheryl Oliver	Assisting Mentally Retarded Children and engaging them virtually using Intelliigent Robot in Voice Recognition Using IOT.	29/04/2021
28	Indian Patent 202141020741	Dr.Gnanaprakasam C N Mr.D.Dineshkumar Mrs.M.Nivethitha Devi Mr.D.Sankaran Mr.R.Elavarasan Dr.G Brindha Mrs.J. Gnanasoundharam Dr.C.Pandeeswaran (EIE)	Framework for Stability and Risk Analysis of Electrical Locomotive Power line System under Heavy risk situations	06/05/2021

#### **7d. Research Activities - Staff Publications,FDP/workshops Organized**

SL. NO	DEPARTMENT	Journal/Conference/ Book chapters Publication	NO. of FDPs/Workshops Organized
1.	CSE	24	11
2.	ECE	22	12
3.	EEE	15	08
4.	IT	08	20
5.	MECH	12	4
6.	EIE	36	3
7.	BIOTECH	16	14
8.	CHEM	03	3
9.	ICE	04	2
10.	CIVIL	02	9
11.	MBA	03	4
12.	S&H	02	21
13.	Maths	09	08
<b>TOTAL</b>		<b>156</b>	<b>119</b>

## 8. Sponsored FDPs and Workshops Conducted in 2020-21

Sl No.	Department	Name of the STTP/FDP/Workshop	Sponsoring Agency
1	Mechanical Engineering	Smart Manufacturing - Opportunities and Challenges.Engineering (Phase I)	AICTE - STTP New Delhi
2	Mechanical Engineering	Smart Manufacturing - Opportunities and Challenges. Engineering (Phase -II)	AICTE - STTP New Delhi
3	Mechanical Engineering	Smart Manufacturing - Opportunities and Challenges. Engineering (Phase - III)	AICTE - STTP New Delhi
4	Mechanical Engineering	Environment friendly Refrigerants & Cycles for Refrigeration and Air conditioning Applications.	AICTE Training and Learning (ATAL) Academy
5	Chemical Engineering	Fostering Effective research environment and industrial collaboration in Engineering Education.(Phase I)	AICTE - STTP New Delhi
6	Chemical Engineering	Fostering Effective research environment and industrial collaboration in Engineering Education.(Phase -II)	AICTE - STTP New Delhi
7	Chemical Engineering	Fostering Effective research environment and industrial collaboration in Engineering (Phase - III)Education.	AICTE - STTP New Delhi
8	Computer Science and Engineering	Online FDP on Cyber Security	AICTE Training and Learning (ATAL) Academy
9	Computer Science and Engineering	Online FDP on Cyber Security	AICTE Training and Learning (ATAL) Academy
10	Bio Technology	International E-Conference On Frontiers In Industrial Biotechnology	AICTE
11	Electrical and Electronics Engineering	Sustainability Engineering	AICTE Training and Learning (ATAL) Academy
12	Information Technology	FDP on Data Science	E & ICT Academy, NIT Warangal

## 9.Hackathon(Theme : Software - Web App Development)

NAME OF THE STUDENTS	YEAR & DEPARTMENT	POSITION	TITLE	DATE
Ms. Akshaya P Ms. Keerthisree Raghu Mr. Syed Sathik M Mr. Seetharaman C Mr. Vivin Jeya Joshua P Mr. Ramanan Easwar M	IV & IT	Finalized as Top 5 Team	Intelligent Attendance System for MGNREGA Workers.	1 <sup>st</sup> – 3 <sup>rd</sup> August 2020

## 10.TOYCATHON 2021

- Theme:DIVYANG
- IDEAS RECEIVED : 17770
- TEAMS : 14132
- PROBLEM STATEMENTS : 51 (Physical Toy)

NAME OF THE STUDENTS	YEAR & DEPARTMENT	POSITION	TITLE	DATE
Keerthi Vemasani Glory Salome P Gayathri K	IV & CSE	Final Round Participants	Ability Hunt - An interactive game for monitoring learning disabilities	22nd , 23rd & 24th June 2021
Sridaran K, Shruthi K, Shanthini K, Sivaram P	II, III & ECE	Final Round Participants	Friday The speaking BOT	22nd , 23rd & 24th June 2021
Yasmin Immaculate S, Yoga Priya T Vikram Chandran B, Sulaiman S	II, III & ECE	Final Round Participants	Fairy Teller toy	22nd , 23rd & 24th June 2021

Ashwin Venkat, Dhiyaneshwaran R Dharanitharan M	II, III & ECE	Final Round Participa nts	My pocket drone	22nd , 23rd & 24th June 2021
---	------------------	------------------------------------	--------------------	------------------------------------

### 11. Bio Hackathon

Ms. Pavithra Sree D, Ms. Pooja Nirali and Mr. Alfred Francis P J have participated in the National Level Hackathon 2021 on the title “**Ointment Formulation for Acne & Anti scarring using Trash Fish**” organized by BITS Pilani - BioNEST BIRAC and Centre for Innovation Incubation & Entrepreneurship of K K Birla Goa Campus held between 26<sup>th</sup> - 28<sup>th</sup> January 2021 and won **Third** place with cash prize **Rs. 5000/-**.

### 12. Best Paper Award

Ms. Anita Nalanthamalar T from **M.Tech Biotechnology** has presented paper entitled “**Effect of Ionic liquid Co-catalyst on biodiesel production from waste cooking oil**” in the International Conference on Advances in Science and Technology organized by Institute of Innovations, Thiruvannamalai, India held during 3<sup>rd</sup> and 4<sup>th</sup> April, 2021 and won **Best Paper Award**.

### 13. Quiz Competition

Mr. S. ABHINAV of Second year chemical engineering department has bagged second prize in quiz competition “**CHEM SAFETY BUZZ**” organized by **Dr. Ambedkar College, Nagpur** Under the aegis of American chemical society, during **1<sup>st</sup> - 8<sup>th</sup> July 2020**.

### 14. Students Project Scheme from TNSCST 2020

Mr. S. Sudarsan, Mr. G. Srisivachandira, Mr. G. M. R. Rohit of 2016-2020 batch students received a fund of **Rs.7500/-** for the project titled “**Micro Plastic Contamination related health risk assessment from gravitational settling dust in Chennai Metropolitan City**” under **Students Project Scheme from TNSCST, Chennai**. The project is guided by **Mr. P. Sribalaji**, Assistant Professor, Department of Civil Engineering.

## 15.Hackerflow by Survey Sparrow

NAME OF THE TEAM & STUDENTS	YEAR & DEPARTMENT	POSITION	TITLE	DATE
Mud Horn Mr. Ajay Kumar S N Mr. Abrar Hasan S Mr. Aadhavan M Mr. Jagadeesh D	III & CSE	III with Cash Prize of Rs.25,000 /-	Project Manager for Developer	18.03.2021 - 21.03.2021

## 16.IICDC Conclave Winner Certificate

Dr. P. Ezhilarasi, Associate Professor, ECE has received **IICDC Conclave Winner Certificate** for winning in DST & Texas Instruments IICDC Conclave, project contest Powered by AICTE mission and Anchored by Indian Institute of Management (IIM), Bangalore during 2020.

## 17.Innovators Award

Dr. P. Ezhilarasi, Associate Professor has received **INDOVATOR - Outstanding Social Commitment and Sustainability Leadership Awards** of the year 2019 for her mentorship in **International Center for Technological Innovations (ICTI), Kerala** during 2020.

Dr. S. Rajeshkannan, Associate Professor has received **INDOVATOR- Sustainability Leadership Award** of the year 2019 for his mentorship in **International Center for Technological Innovations (ICTI), Kerala** during 2020.

## 18.Tamil Nadu Student Innovators Award-2020

Tamil Nadu Student Innovators (TNSI) Organized by **Entrepreneurship Development and Institute (EDII), Chennai**.

NAME OF THE STUDENTS	YEAR & DEPARTMENT	POSITION	TITLE	DATE
Mr. P. Gokulprasath	IV & ECE	Fellowship Award Rs.1,00,000	Fitbots	02.09.2020

## 19.i4C Blogathon

NAME OF THE STUDENTS	YEAR & DEPARTMENT	POSITION	TITLE	DATE
Aishwariya E	IV & ECE	1st Runner Up	How Smart India Hackathon Participation has helped me to Strengthen my competency and enhance my skill-sets	02.09.2020

## 20. Technovation Hackathon

Greater Noida – Industrial Development Authority in association with SHARDA University Uttar Pradesh organised a event Technovation Hackathon.

NAME OF THE STUDENTS	YEAR & DEPARTMENT	POSITION	TITLE	DATE
Rajagopalan V G Sushanth K Ramakrishnan H Sibi Selvan S	III & ECE	Second Place	Autonomous Oil Skimmer	26th -27th January 2021

## 21.SMART INDIA HACKATHON – SOFTWARE EDITION 2020

Mr. Harish Kumar B, Akash M. B, Harikumar Ganesh, Vaddi Lakshmi of III & IV year ECE Participated in the event on 1<sup>st</sup>,2<sup>nd</sup> & 3<sup>rd</sup> August 2020 and secured finalist position.

## 22. National Innovator Award

Maria Arul Jaffrey P Karthikeyan.S Krishaa.P.R Lakshman.S of III year EEE participated in the Event ISA South India Section Student Competition 2021 and secured Third Prize on the title Smart on 2<sup>nd</sup> May 2021.

### 23. Best Project Award

NAME OF THE STUDENTS	DEPARTMENT AND YEAR	EVENT NAME	TITLE	PLACE WON & PRIZE AMOUNT	DATE
Kumaran MS Houndanan R Prahatheesh B	IV & EEE	Technovation Hackathon	Smart LPG Observing and Observing and Explosion Management	II & Rs.20,000	26-27th January 2021
Kumaran MS Houndanan R Prahatheesh B	IV & EEE	IEEE Madras section Student Project Funding (SPF 20-21)	Savy Forecast LPG Observing and Explosion Management	I & Rs.15,000	17th April 2021
Akshaya.S Arangan Rishikesh	III & EEE	AICTE Visvakarma Award	STUN G	Regional Winners	5th April 2021
Akshaya.S Arangan Rishikesh	III & EEE	Hackathon tamil and technology	Global Yadhun Oore Conclave Hackathon Tamil & Technology Track	I	30th 31st October 2020

### 24. Green9 Ensaver Award

Arunkumar.S and Akash.S of IV year EEE participated in the event entitled "Recognition to the United Nation Sustainable development goals 7 & 13" and won GREEN9 ENSAVER Award organised by Awareness Club (ENSAV Club), Tamilnadu during October 2020.

## **25. Best Outstanding Researcher Award 2020**

**Dr.G. Brindha** of ECE department received “**Best Outstanding Researcher National Award**” for her dedication and excellence in the field of Education and Research awarded by Kamarajar Institute of Education and Research Theni, Tamil Nadu on **30-12-2020**.

## **26. Satellite Launch**

**Mr. Lokeshwaran** III year student of IT department worked as a **Junior engineer** on a satellite SD SAT which was successfully launched on board **India’s Polar Satellite Launch Vehicle PSLV-C51** on **28<sup>th</sup> February 2021**, from Satish Dhawan Space Centre SHAR, Sriharikota. The primary goal of the satellite is to study space radiation.

## **27. TCS Hackquest 5.0**

**Mr. N. Anirudh** of IV year IT department participated in **TCS Hackquest 5.0** and won **Second** place Organized By TCS on 05/03/2021.

## **28. Kalam’s World Records**

**Mr. N. Eneeyan** of IV year ,IT won **Kalam’s World Records** entitled **Honorary Ph.D** Issued By The Diocese of Asia on 03/08/2020.

## **29. Virtual BAJA SAEINDIA 2021**

Our **Aurelian Racing Team** comprising 25 Member from Final, Third and Second year Mechanical students for **Securing 29<sup>th</sup>** position all over India and 4<sup>th</sup> position State level for the **Virtual BAJA SAEINDIA 2021** from 12<sup>th</sup> to 13<sup>th</sup> Dec. 2020, Organized by BAJASAE INDIA. They have qualified for the Mechanical division of BAJA SAE INDIA 2021 main event in the month of March 2021.



### **30.National Karting Championship**

NIRMAL USB of III year Mechanical participated and won the title in K Tyre FMSCI National Karting Championship.

### **31.Special achievement by Distinguished Alumni**

Our student Ms. A. Vijayalakshmi, 2010-14 Batch, Department of Computer Science Engineering, has secured **24th** Rank in the **TNPSC Group - I (2017)** of Tamil Nadu Government. She has been appointed as Assistant Commissioner of Commercial Taxes (State GST Department) in Kumbakonam, Tamil Nadu.

\*\*\*\*\*