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ST. JOSEPH'S COLLEGE OF ENGINEERING
CHENNAI, TAMIL NADU

has been recognized as

Center of Excellence for Youth Empowerment

To train women students on **Advanced IT Skills**
under **Honeywell Student Empowerment Program.**

Host Institution



C. No: 01173 | Date: 20 Oct 2021

A handwritten signature in blue ink, reading "Pooja Thakran".

Authorized Signatory
Honeywell

A handwritten signature in blue ink, reading "Dr B Anbuthambi".

Dr B Anbuthambi
President, ICT Academy

Valid till: 31 March 2022

STUDENTS ACHIEVEMENT (2021-22)

1. Aurelian Racing Team 5.0 comprising Final, Third and Second Year Mechanical Students successfully constructed an **All Terrain Vehicle (ATV) and participated in the SAE m-BAJA Main Event 2022 held at NATRIP, Pithampur, Madhya Pradesh from 5th to 12th April, 2022, organised by BAJA SAE INDIA.**






2. The following students won the **FIRST and THIRD PLACE in KANITHAM 2021** conducted by **Dr.M.G.R Educational and Research Institute on 13.11.2021.**

S.NO	NAME	BRANCH & SEC	EVENT	PRIZE
1	S. JAICHARAN	III IT-A	CONNECTION	I
2	S.KRISHNARAM	III CSE-B		
3	P.M.ASHWIN	III MECH-A		
4	S. NEEHARIKA	I IT-B		III
5	A.R.ATHIRA	I IT-A		
6	M.ASMITHA	I CSE-A		

3. The following students won the **FIRST PLACE in Eu-reka – 2021, an Annual Event conducted by IEEE PUNE Section, Pune on 26.11.2021**

(III Year EEE)	 	Name of the Track: Technology for agriculture and food processing	Event Details: No of teams participated: 145 teams for 5 tracks (529 students all over country) No of teams selected for finals: 35 teams No of team selected as winners: 17 teams
Priyanka J Maria Shirley John L M Jesse Mani sha	 		
(IV Year EEE)	 	Name of the Track: Medical technologies for health and Wellbeing	
Akshaya S Arvind GK Arangan Rishikesh T Bavithra Rajan S	 		

4. The following III Year Students from the **Department of Electrical and Electronics Engineering** selected for the **IEEE India Council Student Coordination Team** for the academic year 2022-23.

		
ABISHLAL N S	MANI SHA N	MOHAMED AASHIK S
Web Development Team Coordinator	Content Writing Team Coordinator	Graphic Design Team Coordinator




5. **Mr. M.S.Kumaran** and **Mr.T. Arangan Rishikesh** B.E., Electrical and Electronics Engineering won the **IEEE Richard E.Mervin Student Scholarship (USD 1000)** provided by **IEEE Computer Society**.

	Mr. MS Kumaran 2017 – 2021 Batch/EEE	IEEE Richard E. Merwin Student Scholarship Winner Prize money of 1000 USD
	Mr. T. Arangan Rishikesh 2018 – 2022 Batch/EEE	IEEE Richard E. Merwin Student Scholarship Winner Prize money of 1000 USD

6. **Mr. M.S.Kumaran**, B.E., Electrical and Electronics Engineering won the **IEEE Region Young Professionals REVOL 2021 Program**.

	Mr. MS Kumaran 2017 – 2021 Batch/EEE	IEEE Region 10 Young Professionals REVOL Winner
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7. The following students won Prize worth **Rs.5000** through **National Level Online Hack-a-thon on Sustainable Energy** organised by **VIT Chennai** on 08.01.2022.

Year	Team Member(s)	Details	Prize
I CSE	 <p>Ms. Durga S 21CS202</p>  <p>Ms. Harini S 21CS315</p>  <p>Ms. Harini J 21CS203</p>	<p>Theme: “Energy Conservation”</p> <p>Title: Manufacturing Detergent</p> <p>Mentors: Mr.S.Manikanda Prabhu Assistant Professor Dept. of Mathematics</p> <p>Mr.P.Naveen Assistant Professor Dept. of Computer Science and Engineering</p>	II Place Rs.5,000/-

8. The following Final Year students and Faculty members received **grant of Rs.7, 500** from **Tamil Nadu State Council for Science and Technology (TNSCST)** towards Students project Scheme under Science, Engineering and Technology.

S. No	Name of the Faculty	Project Title	Student Name
1.	Dr.T.D.Sudhakar Professor / EEE	Mitigation of mosquito larvae production in water bodies using photovoltaic energy applied to water agitators	Sebastian Sujan Gomez.J Sasikkumar.B
2.	Ms.R.G.Nirmala Assistant professor / EEE	Power compensation in hybrid wind-PV grid connected using PVR	A.S.Keerthanaa Sri
3.	Dr.C N.Gnanaprakasam Associate Professor / EIE	Fabric development using waste pet bottles	Mugilan S, Mohamed Afrith Kareem
4.	Mrs.C.Ramadevi Assistant professor / EIE	Automation of effluent treatment plant	Kruthika.A, Pooja.P
5.	Ms.S.Banupriya Assistant Professor / Civil	Development of IoT Based Landslide Monitoring, Detection and Early Warning System Using Drone and Remote Sensing Data for Nilgiris District	Chandra Sivam.S, Jeffin.P, Arun Balaji.S, Rithish Ragul.B
6.	Mrs.S.Ancy Assistant Professor / IT	IOT based flood detection system	Kapila.R.G, Aarthi.S
7.	Dr.S.Rajeshkannan Associate Professor / ECE	Development of smart surveillance and vehicle halt system using deep learning vision model	Eswara Prasad.S, Giridharan.B
8.	Dr.C.Karthik Associate Professor / Biotech	Green synthesized RGO silver nanoparticle coated protective mask for COVID19	Beulah Shiny.H

9. The following students won **PRIZES** at **National Level Technical Symposium – Syllabic 2K22** held at **Kongu Engineering College**.

S. No	NAME	REGISTER NO.	YEAR	EVENT	PLACE
1.	Francia Virgin J	312320203011	II	Paper Presentation	I
				Poster Presentation	I
2.	Natanya Ida Susana J	312320203028	II	Paper Presentation	I
3.	Kirubalini S	312320203019	II	Paper Presentation	I
4.	Subasri S	312320203043	II	Paper Presentation	I
5.	M Trisha	312320203046	II	Poster Presentation	III
6.	S Kaviya Selvi	312320203018	II	Poster Presentation	III







10. The following students won **Third Prize** in **IEEE Madras Section Student Project Funding (SPF 2021-22)** held on 23.04.2022.

IV year EEE Students			Prize Details
 Arangan Rishikesh T	 Akshaya S	 Bavithra Rajan S	Title STUNG Third Place Rs. 5,000/- Cash Prize
Faculty Mentor Mr. Sreekanth R Assistant Professor Department of EEE			

11. Received a **Research Grant of Rs.3, 50,000** through **National Level Innovation Grant Program** organised by **ARTPARK, IISc, Bangalore** for supporting students final year projects.

IV year CSE Students		Faculty Mentor
 S. Revanth	 S. Venkat	Dr. G. MARIA KALAVATHY Professor and Head Student Affairs
Fund Details Research Grant Rs. 3,50,000/- (Grant with Mentorship) Project Title : Artificial Intelligence Based Integrated and Distributed System for Preventing Covid-19 Spread using Deep Learning Innovation Grant Program, Indian Institute of Science, Bangalore (National Level Technology Innovation Grant)		



12. The following students won Prizes with the amount worth of Rs.54, 000 through Indian National Academy of Engineering (INAE) Conclave 2021, organised to encourage students and facilitate the engagement of Indian youth in engineering activities.

Year	Team Members	Details	Prize
II CSE	 Ms. Dharane Manne  Ms. Marika Mahalakshmi  Ms. Bhuvana Rajputana	Faculty Mentor : Mr. Vinu S Assistant Professor Theme: “Teaching and Learning in Pandemic” Title: EdMasti - A Learning App	I Rs.30,000/-
III CSE	 Ms. Sri Roopa R  Mr. Srikeshram B  Mr. Sreyankumar S	Faculty Mentor : Dr. Hemalatha R Associate Professor Mr. Balaji K Assistant Professor Theme: “Engineering Intervention to fight against COVID-19 and Healthcare Management” Title : ANN Co-Cough Detector	II Rs.24,000/-

13. The following students won Prizes with the amount worth of Rs.20, 000 through HACKINFINITY organised by SSN College of Engineering.

Year	Team Member(s)	Details	Prize
II CSE	 Ms. HARENE M	Faculty Mentor : Mr. Vinu S Assistant Professor Theme: Health Care Title: Health Aid	Winner Rs.12,000/-
III CSE	 Mr. Sangeetha Nesan R  Mr. Tony A M  Mr. Sreyankumar S	Faculty Mentor : Dr. Hemalatha R Associate Professor Mr. Balaji K Assistant Professor Theme: “Bringing Few Advanced Technological Enhancements in the Field of HealthCare and Digitalizing HealthCare” Title: DIGI-HOSPITAL	1 st Runner up Rs.8,000/-

14. The following student won First Prize (1000 Euro) in User Centered Design Hackathon organised by NanoGiants, GmbH, Germany.

<p>II year CSE Student</p>  <p>Vedha Sankar (One among the team members from Germany, UK and India)</p>	<p>Faculty Mentor Ms. Shanthini S Assistant Professor</p> <p>Team Name TVA</p> <p>Category "Best Running Software" Challenge 4 Evaluation of Design Solutions</p>
 <p>The certificate is titled "USER CENTERED HACKATHON Choose to Build" and is dated "17th-19th September 2021". It features a "FIRST PLACE" badge and an illustration of a person at a laptop. The winner is listed as "VEDHA SANKAR" in the "Winner 'Best running Software'-Category". The certificate is signed by three individuals: Dennis Mathias Scherf (Software Engineer, nanoGiants), Stefan Heidig (CEO, nanoGiants), and Neelje Niesner (UK & US Designer, nanoGiants).</p>	