You Choose, We Do It



# St. JOSEPH'S COLLEGE OF ENGINEERING

(An Autonomous Institution)

## St. Joseph's Group of Institutions Jeppiaar Educational Trust

OMR, Chennai - 119.



## OCTOBER 2021 DEPARTMENT OF BIOTECHNOLOGY

### S.No. Title of the Events and Photographs **Details of the Event** AWARDS/PRIZE WON BY STUDENTS Mr. S. R. Gokul Krishna from the III year B. Tech COMPUTER SCIENCE & Biotechnology department has won second place in the event Hacksalvation of Synsara 21, a national Certificate of level technical event held on 30th September & 1st october, 2021, organized by the Department of CSE, Sai Ram Engineering College. 1. of "SYNSARA'21", a National Level Technical Event held on 30.09.2021 & 01.10.2021. Mr. Gokul Krishna has secured first position in the MECHATHON 2021 event **TECH PRESENTO** organized by Mechanica Society, Department of Mechanical Engineering, Inderprastha Engineering College, Ghaziabad held on 10<sup>th</sup> & 11<sup>th</sup> September, Mr Gokul Copy of Certificat of Appreciation 2021.



Mr Gokul Copy of Certificat of Appreciation

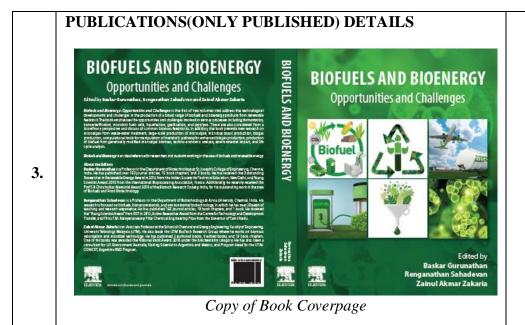


Mr. Gokul Krishna has completed Graduate Rotational Internship Program at The Sparks Foundation during the Session August – September 2021.

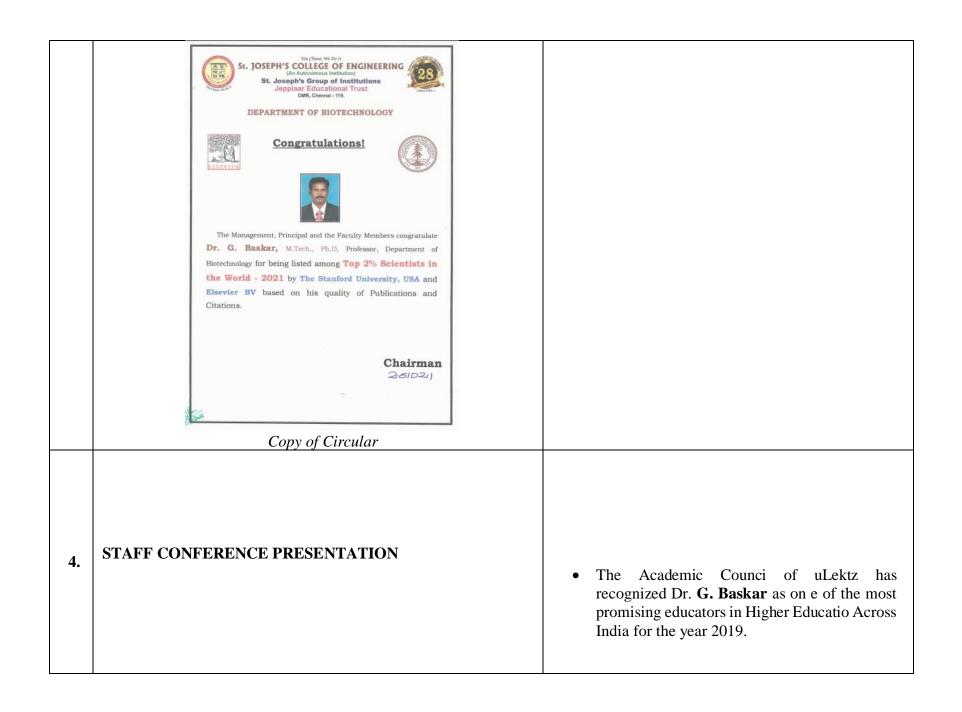
Mr Gokul Copy of Certificat of Completion

2. INDUSTRIAL PROJECTS DONE BY STUDENTS

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- **Dr. G. Baskar** has published book on the topic Biofuels and Bioenergy opportunities and challenges in Elsevier Books
- **Dr. G. Baskar** has been listed among top 2% scientists in the world 2021 by The Stanford University, USA and Elsevier BV based on his quality of publications and citations.







The Academic Council Of uLektz

#### CERTIFICATE OF RECOGNITION

This certificate of recognition is awarded to

Baskar Gurunathan Ph.D

of

St. Joseph's College of Engineering, Chennai

by



(An initiative to identify, recognise & appreciate the contributors of higher education)

as one of the

Most Promising Educators in Higher Education Across India

for the year

2019

N. Soften

Dr. Suriyanarayanamoorthy

Director - The Academic Council of uLektz



Certificate No:ULZ/EVENTS/000669

Verify at: https://ulektz.com/Certification

• **Dr. G. Baskar** has participated in the one week International Online Faculty Development Program on Research Tools and Methodologies organized by Lendi Institute of Engineering and Technology during 27th September to 1st October, 2021.

• Ms. S. Yuwvaranni has participated in the virtual National conference on Smart Nanomaterials -2021, organized by Faculty of Allied Health Sciences, Chettinad Academy of Research and Education on 16th October, 2021.

Dr. G. Baskar Copy of Certificate of Recognition



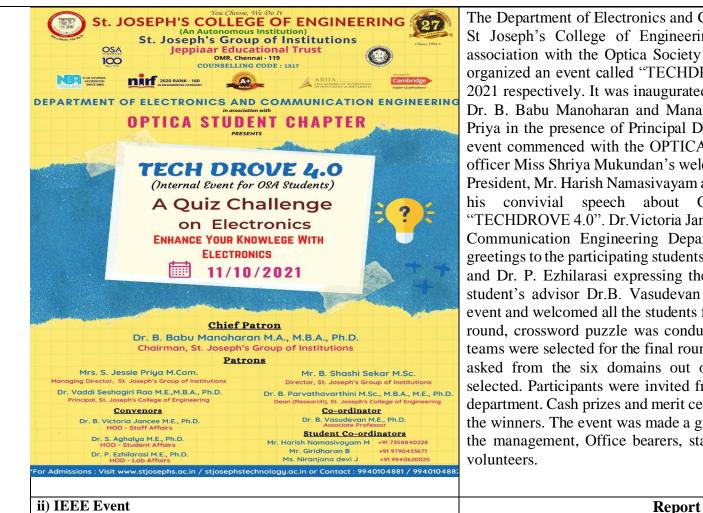
Dr.G. Baskar copy of certificate



Ms. Yuwvaranni copy of certificate

# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. Events Conducted:				
The event conducted during the month of Aug/October 2021 at National/College Level				
i)OPTICA Event	Report			



The Department of Electronics and Communication Engineering, St Joseph's College of Engineering, OMR, Chennai-119 in association with the Optica Society of America student chapter organized an event called "TECHDROVE 4.0" on 11th October 2021 respectively. It was inaugurated by our respected Chairman Dr. B. Babu Manoharan and Managing director Mrs. S. Jessie Priya in the presence of Principal Dr. Vaddi Seshagiri Rao. The event commenced with the OPTICA student chapter's Publicity officer Miss Shriya Mukundan's welcome speech followed by the President, Mr. Harish Namasivayam addressing the gathering with his convivial speech about OPTICA and the event "TECHDROVE 4.0". Dr. Victoria Jancee. Head of Electronics and Communication Engineering Department extended her warm greetings to the participating students followed by DR. S. Aghalya and Dr. P. Ezhilarasi expressing their views on the event. Our student's advisor Dr.B. Vasudevan gave an essence about the event and welcomed all the students for the event. During the first round, crossword puzzle was conducted out of which top three teams were selected for the final round. The finale questions were asked from the six domains out of which the winners were selected. Participants were invited from the second year of ECE department. Cash prizes and merit certificates were awarded to all the winners. The event was made a grand success with the help of the management, Office bearers, staff members and the Optica



Virtual Workshop on "Industry 4.0" conducted from 28.08.2021 & 31.08.2021 from 6:00pm until 8.00pm by Department of ECE, St. Joseph's College of Engineering, in association with IEEE Student Branch Chapter exclusively for students. On 28.08.2021, Resource person Mr. Ejaz Ahmed started the event by giving an introduction on Industry 4.0 and its technologies. He insisted that IoT and IoT has been on top of the charts of trending advanced technologies since a long time. Resource person describes physical objects that are embedded with sensors, processing ability, software and other technologies. On 31.08.2021, Mr. Ejaz Ahmed also explained about role of embedded systems in factories about smart way of manufacturing products. He also explained the challenges and benefits of industry 4.0. Finally, we collected feedback from our participants and it is observed that they have found the program to be useful and informative.

#### 2. Workshop/Certificate Course:

The following staff member have attended the Workshop/Certificate Course held during October 2021 at National/International Level

S.No	No Name of the Staff Title of the Workshop / Course		Organization	Duration	<b>Date of Completion</b>
1.	Dr. I Johnsi Stella	IITK Research School	IIT,KANPUR	11/10/21 to 28/10/21(	28/10/21
		on PYTHON/		16 days)	
		MATLAB and			

NYUSIM for Machine Learning (ML) in 5G	
mmWave MIMO	
Technology,	

#### 3. FDP attended:

The following staff member have attended the FDP held during October 2021 at International Level

S.No	Name of the Staff	Title of the FDP	Organization	Duration	Date of Completion
1.	Dr.A. K. P Kovendan	Research, Challenges,	Department of	5 days	08-10-2021 to
		Opportunities in Smart	Electrical &		12-10-2021
		Grid with Integration	Electronics		
		of Electrical Vehicles	Engineering, VEMU		
			Institute of		
			Technology,		
			P.Kothakota,		
			Chittoor(Dt), A.P.		

#### 4. Publications:

The following staff members have published the research papers during October 2021 in Conference/Journal at National / International Level

S. No.	Name of the Author	Paper Title	Name of the Conference/Jo urnal	Publication Details	Date of Publication
1.	Dr.A Swarnalatha	Spectrum Resource Utilization and Security Enhancement in Multi- domain Elastic Optic Networks (MD- EON) Using Memetic Algorithm	Wireless Personal Communication s	120(1), pp. 139- 152, https://doi.org/10.1 007/s11277-021- 08438-8	Sept 2021 Scopus/ WoS / SCI

## DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Sl. No	Title	D	Detail			
1.	Publicatio ns	S.No	Faculty	Title of the paper	Date	Journal/Patent/Book Chapter/Conference
		1.	Dr. V. Rajinikanth	Semi/Fully-Automated Segmentation of Gastric-Polyp Using Aquila-Optimization- Algorithm Enhanced Images	Oct, 2021	Journal
		2.	Dr. V. Rajinikanth	Magnetic Resonance Imaging: Recording, Reconstruction and Assessment (Primers in Biomedical Imaging Devices and Systems)	Oct, 2021	воок
		3.	Dr. Gnanaprakasam C N	A Low-Cost Blue-Emitting Eu2+- Activated Phosphor For Nuv Excited Wleds And Solar Cell Applications	29/10/2021	Patent
		4.	D Dinesh Kumar	A Diseased Person Identification And Tracking System Based On Block Chain And Iot	29/10/2021	Patent
		5.	Dr. V. Rajinikanth	Classification of retinal fundus images into healthy/AMD classes using mayfly algorithm selected features	Oct, 2021	Book Chapter
		6.	Dr. V. Rajinikanth	Extraction of fetal head section from ultrasound images using a soft-computing based image mining system—a study with Kapur's thresholding and segmentation	Oct, 2021	Book Chapter
		7.	N.Hariprasad A.Sadeesh Kumar	A System for Emotion recognition using speech signal (Applied)	22-10-2021	Patent

Sl. No	Title	Detail					
			Dr.P.Deepa				
				1			
2.	Events conducted	S.No	Faculty Name	Date	Event Title	Type of Event	No. of Days
		1.	Mrs.R.Angel Sujitha	1.10.2021	Sudoku Puzzle	School Event	1
		2.	Dr. N. Sri Madhava Raja	2.10.2021	Simple Engineering Innovation Idea	School Event	1
		3.	Mrs. M. Nivethitha Dev	4.10.2021	DIY Craft competition	School Event	1
		4.	Dr <u>. G. Brindha</u>	5.10.2021	Funny Riddles	School Event	1
		5.	Dr <u>.</u> V. Vijayan	6.10.2021	Know your Scientists	School Event	1
		6.	Dr. C. Pandeeswaran	7.10.2021	Puzzles for school Students	School Event	1
		7.	Dr.G.Sivagurunathan	8.10.2021	Awareness towards careers	School Event	1
		8.	Dr. <u>. S. Meena</u>	9.10.2021	Create Cartoons	School Event	1
		9.	Dr. B. Senthilkumar	11.10.2021	Matrix-Maths Quiz	School Event	1

Sl. Title No		Detail					
	10.	Mr. D.Dineshkumar	12.10.2021	Instagram story contest (Natural resources)	School Event	1	
	11.	Dr <u>.</u> V. Vijayan	13.10.2021	Simple Electronic Circuit design Competition	School Event	1	
	12.	Dr <u>. G. Brindha</u>	14.10.2021	Funny Riddles	School Event	1	
	13.	Dr. <u>. S. Meena</u>	15.10.2021	Create Cartoons	School Event	1	
	14. Mr. R. Elavar		16.10.2021	Quiz	School Event	1	
	15.	Dr. K. Palani Thanaraj	18.10.2021	Photo Collage Competition (Green Engineering)	School Event	1	
	16.	Dr.G.Sivagurunathan	19.10.2021	Awareness towards careers (Online Quiz)	School Event	1	
	17. Ms.Kirthini Godween		20.10.2021	Slogan Contest	School Event	1	
	18. Mrs.R.Angel Sujitha		22.10.2021	"Caption This" Event	School Event	1	
	19.	Ms.Kirthini Godweena.A	23.10.2021	Just a Minute (Elocution Competition) - My ambition	School Event	1	

#### DEPARTMENT OF INSTRUMENTATION AND CONTROLS ENGINEERING





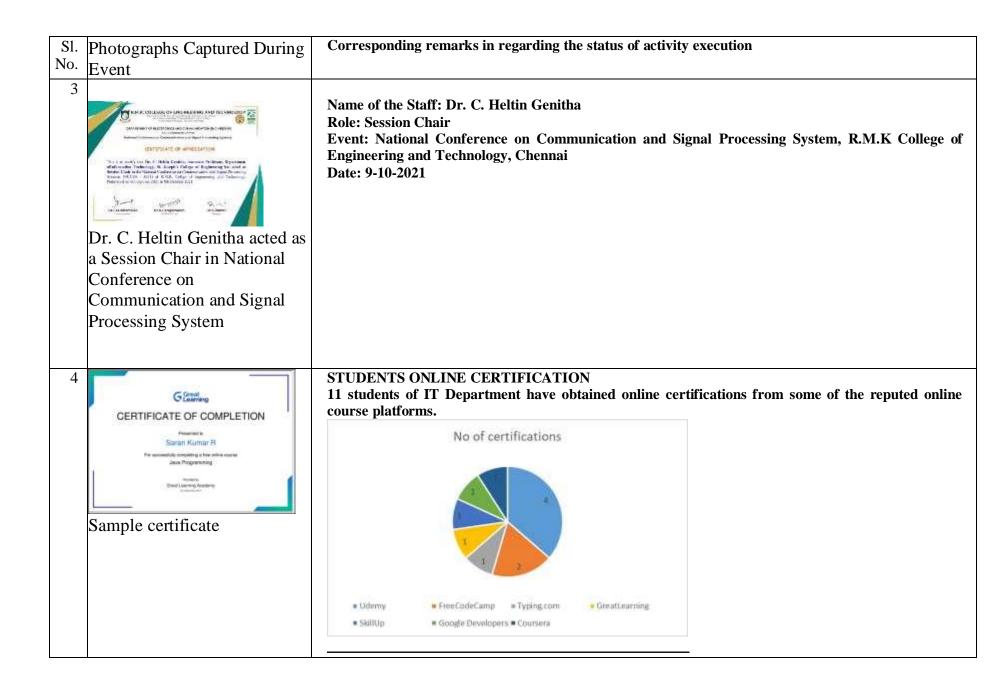
### **DEPARTMENT OF SCIENCE**

Sl.	Events	Remarks
No.	FDP/Workshop/Conference	ATAL AICTE EDD
1		
		1. Mr. S. Kaleel Mohamed Ibrahim attended ATAL- AICTE FDP on "Novel Materials for Industrial applications" conducted by Jawaharlal Nehru tech university, Anantapur, AP from 04.10.21 to 08.10.21
		2. Dr. S.M. Prakash, Dr. K. Sathesh Kumar, Dr. A. Uma Devi, Dr. B. Subash, Dr. G. Murugan, Dr. S.
		Manikandan attended AICTE FDP on "Inculcating Universal Human Values in Technical Education" conducted by AICTE from 04.10.21 to 08.10.21.
		Participated:
		1. Dr. B. Subash, Dr. S.M. Prakash attended International online conference on "Instigating Research
		in Materials, Energy and Environment" conducted by "Easwari Engineering College, Ramapuram"
		from 06.10.21 to 07.10.21.
		2. Mr. S. Kaleel Mohamed Ibrahim, Dr. S. Rama, Dr. K. Jayamoorthy, Dr. N.R. Rajagopalan, Dr.
		S.M. Prakash, attended National webinar on "Prospective of Thermoelectric Materials" conducted by
		"C.Kandaswami Naidu College For Men, Chennai - 102" on 11.10.21.
		3. Dr. V.N. Nandini Devi, Dr. G. Murugan, Mr. S. Kaleel Mohamed Ibrahim, Dr. S. Rama, Ms. J.
		Sharmila, Dr. S.M. Prakash, Dr. B. Subash, Dr. A. Uma Devi attended National webinar on
		"Nanomaterials - Current Trends and Future Application" conducted by "Saranathan College of
		Engineering, Trichy" from 11.10.21 to 12.10.21.  4. Ms. J. Sharmila attended International webinar on "Futuristic Batteries Challenges and
		Opportunities" conducted by "Saranathan College of Engineering, Trichy" on 15.10.21
		5. Ms. J. Sharmila attended National conference on "Smart Nanomaterials- 2021" conducted by
		"Chettinad Academy of Research and Education, Chennai" on 16.10.21
	NPTEL CERTIFICATION	
		1.Dr. S. Rama completed a NPTEL certificate course on "Body Language -Key To Professional"
		Success" during the month of October 2021.
2	Publications(only	1. Dr. B. Subash and Dr. K. Jayamoorthy Published a paper titled "Superficial sonication synthesis of

	published) details	a highly sunshine active metal modified ZnO photocatalyst and its multiple applications" in Inorganic				
		and Nano-Metal Chemistry, doi: 10.1080/24701556.2021.1980023				
		2. Dr. N. R. Rajagopalan, published a paper titled "Synthesis, nucleation kinetics, spectral, structu				
		mechanical, and thermal studies of semi-organic barium-doped c-glycine single crystal" in "Journal of				
		Material Science – Materials for Electronics" DOI: doi.org/10.1007/s10854-021-07230-5				
3	Other activities(if any)	Department of Science conducted the following online events for school students:				
		1) Philozoic – 4.10.21				
		2) Cosmites – (Essay) – 6.10.21				
		3) Cosmites 2.0 (quiz) – 8.10.21				
		4) Ratselloser – 12.10.21 to 15.10.21				
		5) Scrap paper art – 18.10.21 to 20.10.21				

### DEPARTMENT OF INFORMATION TECHNOLOGY

T	DEPARTMENT OF INFORMATION LECTINOLOGY					
Sl.	Photographs Captured During	Corresponding remarks in regarding the status of activity execution				
No.	Event					
1	Cordiac disease diagnosis using feature estruction and machine learning based clandification with leturnet of Things(leT)  the debrid information	V. Muthulakshmi, L. Priya, V. Vani, S. Ramesh, "Cardiac disease diagnosis using feature extraction and machine learning based classification with Internet of Things(IoT)", Concurrency Computation: Practice and Experience, DOI: 10.1002/cpe.6622, pp-1-11, Publisher: Wiley, EISSN:1532-0634, Print ISSN: 1532-0626, Oct 2021. (SCI Expanded-WOS, Impact Factor 1.536)				
	The second process of	<b>Abstract:</b> The research proposed aims to recognize the important cardiac complaint prediction characteristics by utilizing machine-learning methodologies. Numerous projects have been established regarding the diagnosis of cardiac complaints, which results in low accuracy rate. Thus, for improving the accuracy of prediction and for cardiac complaint investigation this article utilized a fuzzy c-means neural network (FNN) and a deep convolution neural network for feature extraction. From the clinical dataset, data were obtained for the risk prediction of cardiac complaints that includes blood pressure (BP), age, sex, chest pain, cholesterol, blood sugar, and so forth. The hearts condition is recognized by categorizing the sensor data received by FNN. The evaluation performances were carried out and the results revealed that FNN is good in predicting the cardiac complaints. In addition to this, the proposed model achieves better accuracy than the other approaches through the demonstration of simulation results. The proposed approach attains the accuracy rate of 86.4% and F1-score of 97%, precision 76.2%, and 64.6% of FPR.				
2	Blockchain Technology for Privacy & Security Issues and Challenges in 10T-based Systems  1 January 10 January	CJ Raman, S Usha Kiruthika, L Javid Ali, S Kanaga Suba Raja, "Blockchain Technology for Privacy and Security Issues and Challenges in IOT-Based Systems", Blockchain for Information Security and Privacy, Publisher: CRC Press, Chapter. 10, 2021. (Book Chapter-Scopus Indexed)  Abstract: Owing to the rapid growth of the Internet of Things (IoT), a number of day-to-day realtime applications are highly influenced by IoT applications. These make human life more sophisticated by making their presence felt in almost everything, ranging from customary equipment to normal household objects. The IoT is of great potential. There are various challenges in terms of making IoT much more user- friendly. Scalable applications in IoT demand a large number of devices that are practically hard to be met due to constraints on time, memory, processing power and energy consumption. Take, for instance, an IoT application that deals with recording the variations in temperature for the entire country. It is more easily said than implemented. Such an application may require hundreds of thousands of devices, churning out huge quantities of data. There are usually inherent variations found in operational characteristics of hardware IoT devices, such as varying sampling rates and variations in error rates. In addition, the sensors and actuators deployed in the IoT environment for monitoring events and data collection/transmission operations are intrinsically complex. Such components of varying complexity are deployed in the IoT environment, leading to the formation of heterogeneous IoT network, where the IoT data may vary.				



## DEPARTMENT OF MECHANICAL ENGINEERING

Sl No	Name of the Activity	Remarks						
1	Webinar on "Emerging Opportunities for Mechanical Entrepreneurs"	О	A Webinar was conducted on "Emerging Opportunities for Mechanical Entrepreneurs" on behalf of Entrepreneur Development Cell on 28-10-21. Students from Mechanical department participated where glimpses of opportunities for a Mechanical engineering was thrown to the students.					
2	Student Activities: Organized by ISQ –							
	Chennai Chapter	Sl. No.	Students Name	Year/ Section	Event	echanical department participals thrown to the students.	Cash Award	
		1.	Akash Shankar					
		2.	Charan Kumar Reddy S	IV A	' A  Intercollegiate Quiz	II	Rs. 4, 500/.	
		3.	Abishek R					

3	Prizes Won	Sl. No.	Students Name	Year	Event	Place	College
		1.	Akash Shankar	IV	TECH TALK	I	Rajalakshmi Engineering College – ISHRAE CHENNAI CHAPTER

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Events		Remarks			
FACULTY DEVELOPMENT PROGRA	<b>M</b> Dr.P.Anbara	Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Futuristic Electric Transportation Systems" from 20/09/2021 to 24/09/2021 at Sree Vidyanikethan Engineering College, A.Rangampet.			
	R.Elanthirayar	participated in Two Days Faculty Development Programme on RENEWABLE ENERGY SYSTEMS Organized by Department of Electrical and Electronics Engineering, JCE from 29th to 30th September 2021			
Student Activity for the month Oct 2021	Students Name	Online Course			
	Shyamsundar J Yavanesh J Siva Harish M Students Name	GST Practitioner by MSME Bangalore video editing Machine Learning conducted by Internshala Trainings  Webinar  Business Management by Dept. of Science, St. Joseph's college of Engineering			
		Student Activity for the month Oct 2021  Students Name Shyamsundar J Yavanesh J Siva Harish M Students			

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IEEE Student Branch Chapter of St. Joseph's College of Engineering organized "CONOCITHON-It's not a Bug, It's a Feature" in collaboration with IEEE Inspire India funded by the IEEE Madras Section on the occasion of IEEE Day. The inaugural ceremony for both 12 hours and 24 hours tracks was initiated at 7:00 PM on 01-10-2021 with Mr Mohd Hafiz Ismail, REGIONAL LEAD FOR REGION 10 MALAYSIA SECTION, as the Chief Guest who shared a few words of wisdom to the gathering. After the inaugural, the 24-hour track started at 08.00 PM on 01-10-2021. The themes were HealthCare. Artificial Intelligence, and Transformative Transportation and a bonus theme "Education and Agriculture" was provided during the start of the event. The 12 hours track started sharply at 08.00 AM on October 2. 2021. Both the track participants were instructed to report to the coordinators every 2 hours. The participants were requested to submit their presentation and the prototype or a software model at 5.00 PM on October 2, 2021. The participants had their validation session with the juries for their respective themes at 06.00 PM on October 2, 2021. The Juries for the session were Mr Jeet Dagha, Mr Saurabh, Mr Amanpreet Singh, Mr Kirtiraj R Garud. The Participants were judged based on innovation, time management, selection of problem statements, presentation, and queries session by the juries. The Valedictory Ceremony started on October 05, 2021, with Dr N. Kumarappan, the Chairman of the IEEE Madras Section as the chief guest. Our honourable chief guest Dr N. Kumarappan addressed our student branch and appreciated all the work and efforts to conduct such largescale events. The winners for the Conocithon event were announced. The SBC Advisor, Dr Jayarama Pradeep, and the SBC Counselor, Mr Sreekanth R shared their valuable words with the participants and the coordinators of the conocithon event. Our journey through Conocithon was made as a video and was presented in the valedictory ceremony. The coordinators were honoured by certificates and mementoes. The ceremony ended with the vote of thanks delivered by Ms Swetha B, the Program Coordinator of IEEE SJCE SBC.

4. 4	St. Jespek Callage of Engineering St.  Sover The Jule  2nd Corbor, 2021  An in the monocontourness of the state of the sta	St.Joseph's College of Engineering, IEEE Student Branch Chapter organized a grand Meetup "SAYONARA" on the occasion of IEEE day on October 2,2021. This exclusive meetup started at 09:00 A.M. with all the members of our Student Branch to honour our seniors. Our Principal, Dr. Vaddi Seshagiri Rao was the chief guest for the event and our Student Branch Advisor, Dr. Jayarama Pradeep and our Dean, Dr. Parvathavardhini also Honored the gathering. The event started with appreciation for the IEEE Seniors by the Chief guest and they were honored with awards and certificates for their outstanding contributions during the academic year 2020 - 2021. The celebration continued with enthusiastic talks of seniors and juniors. The program ended with a photo session and a formal farewell note to our seniors was presented by our student branch counselor, Mr. R. Sreekanth.
5. 5	SC Joseph College of Engineering (1)  An	IEEE Student Branch Chapter of St.Joseph's College of Engineering organized an International Webinar series "ERUDITE S5". It's a 5 day webinar series from October 5, 2021 to October 12,2021. The first session was held on October 5,2021 with one of our eminent resource personalities "Mr.John McDonald" on the topic "Building and Leading a Volunteer Organizations". The event was initiated with a welcome note by the student coordinators. After the Welcome Note, the speaker moves into his topic with the interactive session. After the 40 minutes of energizing session, the query session started. It was handled by our Student coordinator and the speaker effectively answered the queries of the participants. The session ended with thank note to the speaker by our Student Branch Counselor.
6. 7	St. Joseph's College Of Engineering  Production of the College Of Engine	IEEE Student Branch Chapter of St.Joseph's College of Engineering organized a series of Webinar sessions "ERUDITE S5" from October 5, 2021 to October 12, 2021. The second session of the grand webinar series was taken over by the resource person "Mr.Janos Hettyey" under the topic "Renewable Energy". The session started with a welcome note to the speaker and the participants by our student Coordinator. After the Citation, the speaker filled our participants with his insights on

	PIC: event poster	renewable energy. The Session extended upto 45 minutes & after the enthusiastic session the query session started. The session was handled by our student coordinator and the speaker clarified all the participants' queries patiently. The Webinar session ended with the Thank note to the Resource person by our Student Branch Counselor.
7. 8	Chapter 6 Bidirectional Interleaved Switched Capacitor DC-DC Converter for Renewable Energy Applications  B. S. Nalina, V. Kamaraj, M. Chilambarasan, and M. Ramesh Babu 6.1 Introduction  Food Itel, coal oil and gas are used for the conventional generation of electricity. These energy sources are depleting, very expensive and cause pollution which damages the environment II; The introduction of merwable energy sources such as sole, which logosa and coans for the generation of describity holps in over- all the state of the sole of	Criteria 1 Our department staff members Dr. M Ramesh Babu & Mr.M.Chilambarasan Published a Chapter titled "Bidirectional Interleaved Switched Capacitor DC—DC Converter for Renewable Energy Applications" in a book, DC—DC Converters for Future Renewable Energy Systems, Springer.
8. 9	St. Joseph's College of Engineering  Authoromous Institution  Authoromo	IEEE Student Branch Chapter of St.Joseph's College of Engineering organized a series of webinar sessions "ERUDITE S5" from October 5,2021 to October 12,2021. The third session of the webinar series was held on October 7, 2021 with the resource person "Mr.Scott Schober" under the topic "Staying Safe from Skimmers and Scanners". The session started with a welcome note to the participants and the resource person by our Student coordinator. After the welcome note, the speaker filled our participants with some exciting information about cyber security. The webinar session came to an end with the query session handled by our student coordinator.  The speaker patiently clarified all the queries of the participants. The session ended with a thank note by our Student Branch Counselor to the speaker.



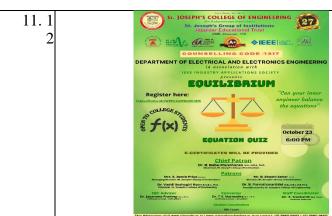
IEEE Student Branch Chapter of St.Joseph's College of Engineering Organized a series of webinar sessions "ERUDITE S5" from October 5,2021 to October 12,2021. The fourth Session was held on October 8,2021 with the resource person of the day "Mr.Vic Burconak" under the topic "Electrify Everything". The session was started with the welcome to the participants and the resource person by our Student coordinator. After the welcome note, The speaker ignited the participants with his enthusiastic talk on energy conservation by electrifying our surroundings. After 40 minutes of talk, the query session started and it was handled by our student coordinator. The speaker patiently clarified all the queries of the participants. The session ended with a thank note by our Student Branch Counselor to the speaker.

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IEEE Student Branch Chapter of St.Joseph's College of Engineering Organized a series of webinar sessions "ERUDITE S5" from October 5,2021 to October 12,2021. The Last session of this grand Webinar series was held on October 12,2021 with the speaker "Mr.Joe Decuir" under the topic "Plan for a Successful Engineering Career". The session started by welcoming the participants and the resource person. After the welcome note, the speaker had a live interaction with our participants and discussed "How to plan for our Future Career". The talk extended upto to 45 minutes and then the query session was started. The speaker patiently clarified all the queries of the participants. The session ended with a thank note by our Student Branch Counselor to the speaker.



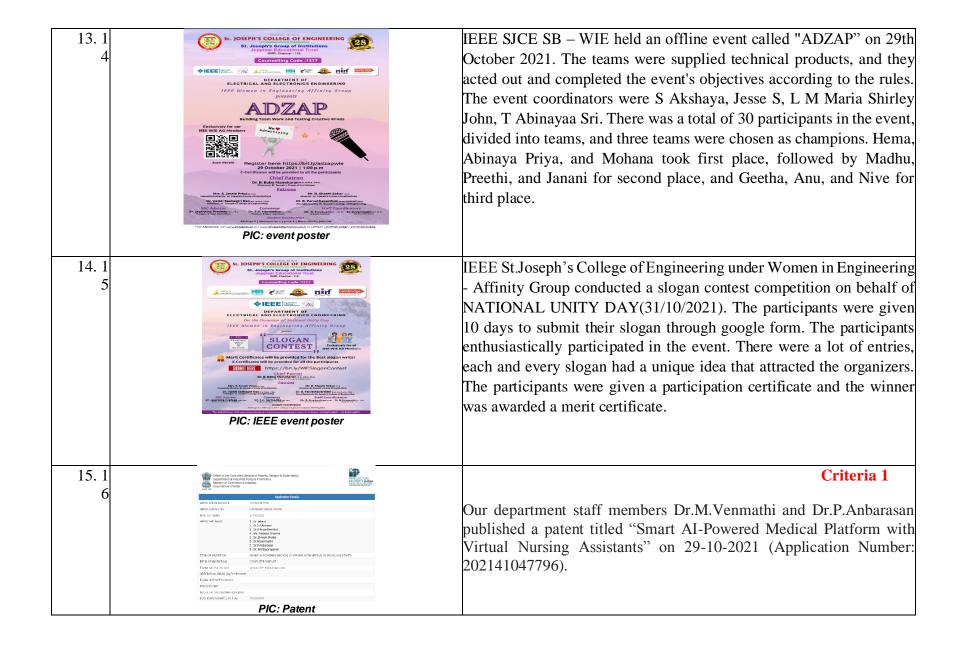
IEEE SJCE IAS conducted an online equation quiz event "Equilibrium" on October 23, 2021. About 25 participated in this event.E-Certificates were distributed to all the active participants who had participated in the event. This event indeed helped the participants to know about different electrical equations and tested their technical knowledge related to balancing equations. Winners were awarded with merit certificates and winners were Mr. Mani Sha N (1), Ms. Jaya Sruthi (2), Ms. Maria Shirley John (3). Student Coordinators were the IAS team.

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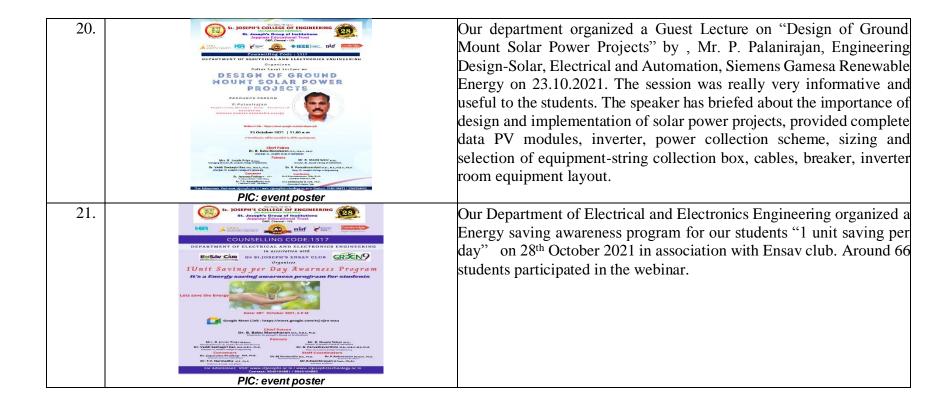


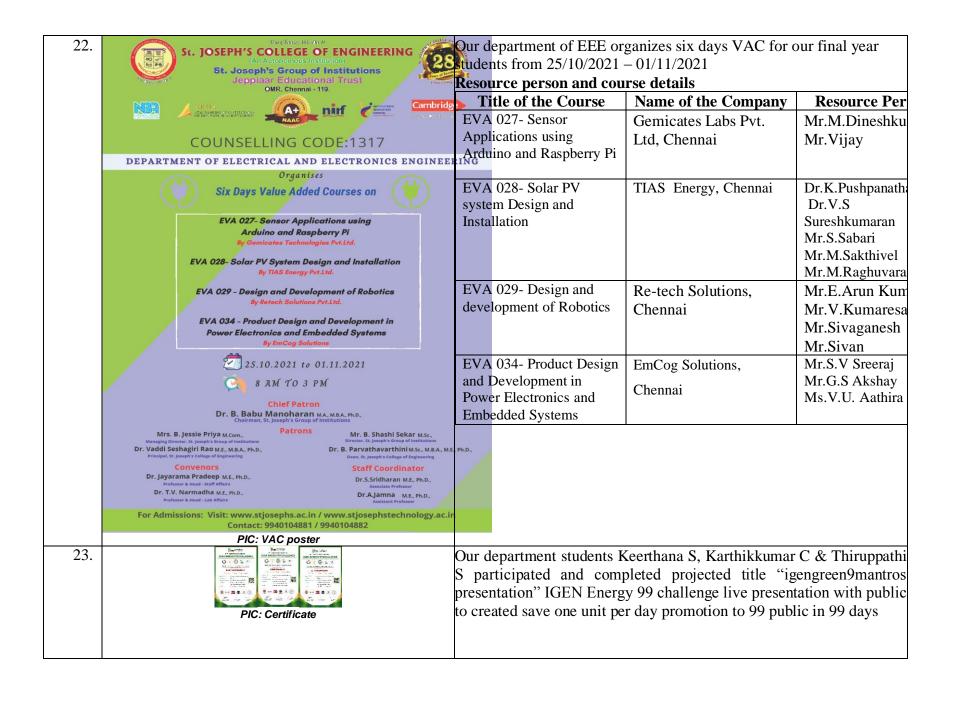
The IEEE Power Electronics Society of St Joseph's College of Engineering, conducted a magazine launch event "PELZINE VOLUME II" – a student magazine inaugurated by Dr.Saifur Rahman, Director, Virginia Tech Advanced Research Inst, IEEE President 2022. The speaker shared his insights regarding IEEE Power Electronics Society and his valuable expertise really inspired the participants and made the event a grand success. Over 100 participants attended the event. All the participants were provided with E-Certificates. The student coordinators for this event are Madhu Preetha S, Elanchezhiyan R J, Karin Ramani A, Mani Sha N and Herena Joshika A S.



16. 1 7	on the topic of "DIGITAL SIGNA	Our department staff member Dr.P.Anbarasan delivered a guest lecture on the topic of "DIGITAL SIGNAL PROCESSING" on 29.10.2021 at Surya Group of Institutions, Vikiravandi.				
17. 1 8  PIC: club event post	To celebrate the world food day or Club of Department of Elect organized the C-Neutrality Ever participated in the event. The student Aarthi, Aakanksha, Naveen, Rahu Winners:	rical and Elec nt. The particip dents who organ	tronics Engineering ants enthusiastically aized the events were			
	Student Name	Year	Position			
	Mukesh Lakshman Preethipan	IV	I			
	Madhupreetha Kavin Ramani Jeffry	IV	II			
	Keerthana Kavipriya Prema	П	Ιπ			
	Aruthra Haripriya Aparna	II				
8 St. DOSEPHE S. COLLEGE OF SECURIFIED AND ADMINISTRATION OF SECURIFIED ADMINISTRATION OF SECURIFIED AND ADMINISTRATION OF SECURIFIED ADMINISTRATION OF SECURIFIED AND ADMINISTRATION OF SECURIFIED AND ADMINISTRATION OF SECURIFIED AND ADMINISTRATION OF SECURIFIED AD	Our Social Awareness Club of De Engineering organized the talent-ion 9th October 2021. The part certificate and the winner was awawho organized the events were Velan, Jesse S and mani sha N	ina Event for our ticipants were g arded a merit cer	r department students given a participation tificate. The students			
PIC: club event post	Student Name	Year	Position			

		PREETHIPAN J JASSIM YOUSAF M	IV		Ι
		HARINI P DIVYA V	IV		II
		AJITH JOTHY D GOKUL A	IV		
		AMIRTHA R AUXILIYA A	IV		III
		Winners:		l	
19.	St. JOSEPH'S COLLEGE OF ENGINEERING  Bt. Joseph's Group of Institutions  On Administration  On Administration  DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  CHOPPERS CLUB  BSILCACARDS ELECTRONICS ENGINEERING  CHOPPERS CLUB  BSILCACARDS ELECTRONICS ENGINEERING  On 2nd November, 2021  ROUND 1: BLOCK AND TACKLE  ROUND 2: PLOTONIARY  REGISTICATION LINE: https://doi.org/10.1001/10.100	Chopper's club members of St.Josep "BLITZZKRIEG". The event, started event has two rounds namely "Block 7 teams with two members in each participants were provided with E-G for this event are Maria Arul Jeffr Priyanka J, and Mohankumar N.The correct answers, time management After the 2 hours of the event, the vannounced.  Winners:	ed at 01.00 PM or and Tackle" and "I ch team attended Certificates. The st ey P, Raksha M (I te Participants wer and solution of page 2	n 02-11 Pictiona the evenudent c CR, Pav re judge roblem	-2021. The ary". Nearly ent. All the coordinators withra T M, ed based on statements.
		Student Name			
				Yea r	Positio n
		M. Bharathkuma N.Hariharan	ſ	III	I
		T.Kavinprasath R. Loskeshwaran	3rd year	IV	II
		R. Arvinthan J.Joshua Samuel		III	III





24.	PIC: IEEE day group photo	Execom members and from several student last, 2021(Sunday), in Engineering and the Mathur, the Director of the opportunity to control of T. Arangan Rishikes.	commemorated IEEE Day of the Madras Section Young Foranches gathered in person at including ten students from SB Counsellor of SJCE, Mr. I of IEEE Region 10, was the connect and build a network of the S.Akshaya, S.Praneet, St. Etha, D. Kavin, A.P. Thiruvel E Day celebration.	Professionals. Participants Hotel Savera on October St. Joseph's College of R.Sreekanth. Mr. Deepak hief guest, and we all had with him. M.S.Kumaran, S.Mohamed Aashik, T.		
25.	PIC: IEEE day photo	St. Joseph's College of Engineering IEEE Student Branch Chapter with all our Student branch members grandly celebrated IEEE DAY on October 2, 2021. On behalf of IEEE day, we organized a grand event called "Sayonara", a reunion with our past IEEE Members. Our principal, Dr. vaddi Seshagiri Rao, and our Dean, Dr. Parvatha Vardhini along with our student branch advisor & Head of the Department of Electrical & Electronics Engineering were the chief guests for the Celebration. The celebration started with welcoming the chief guests and our past executive members of IEEE SJCE SBC by our Student Branch Counsellor Mr. Sreekanth R. After the warm welcome note, a cake cutting ceremony started along with a Photography session. In the end, the chief guest and the past executive members were honored by the present Execom members of IEEE SJCE SBC.				
26. 3	Placement Details for month Oct 2021	2017- 2021 Batch				
		Reg No	Student Name	COMPANY		
		12317105009	AKASH S			
		312317105010	AKILAN B			
		312317105013	ALRICH ROSHAN S J	L&T Technologies-		
		312317105045	FRANKLIN CEDRIC J	Embedded (Core Opportunity)		
		312317105053	GODWIN GEO S			
		312317105055	GOKULAKRISHNAN R			

312317105085	KARTHIKEYAN SELVARAJU
312317105087	KAVIN VIGNES J K
312317105104	NATARAJAN K
312317105114	PAVITHRA RAVI
312317105164	VIDYA PRASAD
312317105165	VIGNESH M

No of students placed = **108** No of offers = **148** (As on 31/10/2021)

## 2018- 2022 Batch

Register Number	Name of the Students	Company Placed	Total N Offers
312318105001	AAKANKSHA SINGH	CTS, Wipro, Accenture	3
312318105002	AARTHI. N. T	Soliton	1
312318105003	ABI ANTOLIN S	CTS, Accenture	2
312318105004	ABIMANYU RAJENDIRAN	CTS, Wipro	2
312318105005	ABINASH KUMAR	CTS	1
312318105006	ABISHEK AYYAPPAN	CTS	1
312318105007	ABISHIN NATARAJAN	TCS	1
312318105012	AJITH JOTHY D	Accenture	1
312318105014	AKSHAYA SIVAKUMAR	CTS, Accenture	2
312318105015	ALAMELU SM	Hexaware	1
312318105016	AMIRTHA R	Wipro,	2

		A 000m4	
		Accenture	
312318105017	ANSHIO JOSH ANIL	TCS, Hexaware & PWC	3
312318105021	ARANGAN RISHIKESH T	Wipro, Accenture	2
312318105022	ARAVIND V	CTS	1
312318105025	ARUNKUMAR S	CTS	1
312318105027	ARVIND G. K.	Mu Sigma, CTS, Wipro	3
312318105028	ASHLIN RAJ VIJAYA RAJ	CTS	1
312318105029	A.S.KEERTHANAA SRI	CTS	1
312318105031	AUXILIYA A	CTS	1
312318105035	BATHRINATH S	TCS	1
312318105039	DEEPAK S	TCS	1
312318105040	DERRYSHIA M	CTS, Wipro	2
312318105042	DINESH T	CTS	1
312318105043	V DIVYA	CTS, Wipro	2
312318105045	GANESH K	CTS	1
312318105046	GHATHYAJINIE M	CTS, Wipro, Accenture	3
312318105047	GIDEON SANTHOSH A	Hexaware	1
312318105048	GNANESHWARAN B	CTS	1
312318105049	GOKUL P	CTS	1
312318105051	GOWTHAM RT	Wipro, Accenture	2
312318105052	GUNASEKARAN K	CTS	1
312318105054	HARI KRISHNAN	CTS	1

	312318105055	HARINI P	Mu Sigma, Wipro, Accenture	3
	312318105056	S M HARISH GURU	CTS	1
	312318105058	HERENA JOSHIKA A S	CTS	1
	312318105059	ILAMATHI SIVAKUMAR	CTS	1
	312318105060	ISWARYA B	CTS, Wipro, Accenture	3
	312318105061	JAGADEEP NANNURI	Wipro	1
	312318105062	JANANI T	CTS	1
	312318105069	KAMALI NEHRU	CTS, Accenture	2
	312318105071	KANISHMA S	CTS	1
	312318105072	KARIN RAMANI A	CTS	1
	312318105074	KARTHIK SIVAKUMAR	CTS, Wipro	2
	312318105078	KRISHAA P R	CTS, Wipro, Mu Sigma, Accenture	4
	312318105080	LOKESHWARAN R	Mindtree	1
	312318105082	MADHUPREETHA S	CTS	1
	312318105083	MANTARANATH U	CTS	1
	312318105084	MARIA ARUL JEFFREY P	CTS, Wipro	2
	312318105089	MURUGAN KANDAN	Wipro, Accenture	2
	312318105090	NASHITH AHMED M	CTS	1
	312318105091	NAVARASU MOHAN	CTS	1
	312318105096	NAVEEN KUVMAR K	CTS, Wipro	2
	312318105098	NITHISHKUMAR T	Mindtree,	2

		TCS	
312318105100	PARAMESH M	CTS, Wipro	2
312318105101	PAVAN VIGNESH K	CTS	1
312318105102	PAVITHRA T.M	CTS	1
312318105103	PORKODI K	CTS	1
312318105105	PRASATH K	CTS, Wipro	2
312318105107	PRIYADHARSHINI N	CTS, Wipro, Accenture	3
312318105108	RAHUL A	Accenture	1
312318105109	RAKESHSARMA R	CTS	1
312318105110	RAKSHA M CR	CTS, Wipro	2
312318105113	RAMKUMAR SAMPATH	CTS	1
312318105114	REFAYEE FARITH KATHER	CTS	1
312318105115	RESHMA K	CTS, Wipro	2
312318105118	RISHI KUMAR B	CTS	1
312318105119	ROGITH K	CTS	1
312318105120	ROHAN RAJ	CTS	1
312318105122	ROHIT SUDHAN P	PWC	1
312318105124	ROSARIO SRIDISH MARIA IGNATIUS	Accenture	1
312318105127	SANTHOSH RAJ P	CTS	1
312318105128	SARANARAYANAN S	CTS	1
312318105129	SASIKKUMAR BALAJI	CTS	1
312318105130	SATHIYA S	CTS	1
312318105131	SEBASTIAN SUGAN GOMEZ J	CTS	1
312318105132	SHARAN RAMESH	CTS, Wipro,	3

			Accenture	
312318	105133	SHREE PRANUV	CTS	1
312318	105134	SIVABALAN M	CTS	1
312318	105137	SMIRUTHA A	TCS	1
212210105	105120	SRIBALAJI SAMPATH	CTS,	2
312318105139		SRIBALAJI SAMPATH	Wipro	
312318105140		SRIRAM. A	HCL,	2
	105140		Infosys	
			(5L)	
3123181051	105141	SUNKARA GEETHA	CTS	1
	105141	PRASANNA		
312318	105145	SWETHA M	CTS	1
312318	105147	THIRUKAMESHWARAN	CTS	1
		K		_
31231810	105148	THIRUMURUGAN SEKAR	CTS,	2
			Wipro	_
312318105149	105149	UMAA BHARATHI S	CTS,	2
			Wipro	
312318		VEDHANAYAKI V	Mindtree	1
312318	105153	VELAN MOHAN M	CTS	1
312318	105154	VIGNESH A	CTS	1
3123181051	105155	VIGNESH RANJAN	CTS,	2
312310103133		VIGINESTITIVATIVATIV	Wipro	
312318	105156	VIJAYA VARSHINI K	CTS	1
312318	105157	VISVAK K S	CTS	1
312318	105159	YUVARAJ. M	HCL	1
312318	105304	LINGESH RAJA	CTS	1
No of students pleased -04				

No of students placed =94 No of offers =135

(As on 31/10/2021)