St. Joseph's College of Engineering
St. Joseph's Group of Institutions
OMR, Chennai – 119.

APRIL 2020
DEPARTMENT OF BIOTECHNOLOGY

S.No.	Title of the Events and Photographs	Details of the Event
1.	**ONLINE FDP/ WEBINAR/ SEMINAR ATTENED BY STAFFS** *Copy of certificate of Participation*	**ONLINE FDP/ WEBINAR/ SEMINAR ATTENED BY STAFFS** **Ms. Yuwvaranni S** has attended the online course on **Infection Prevention and Control (IPC) for Novel Coronavirus (COVID-19)** organized by **World Health Organization** under Health Emergencies Programme on 2nd April, 2020. **Ms. Yuwvaranni S** has attended the online course on **Clinical Care Severe Acute Respiratory Infection** organized by **World Health Organization** under Health Emergencies Programme on 3rd April, 2020. **Ms. Yuwvaranni S** has attended the online course on **Severe Acute Respiratory Infection (SARI) Treatment Facility Design** organized by **World Health Organization** under Health Emergencies Programme on 4th April, 2020.

Copy of Record of Achievement

Ms. Yuwvaranni S has attended the online course on **Severe Emergency respiratory viruses, including COVID-19: methods of detection, prevention, response and control** organized by **World Health Organization** under Health Emergencies Programme on 11th April, 2020.

Ms. Yuwvaranni S has attended the online course on **ePROTECT Respiratory Infections (EN)** organized by **World Health Organization** under Health Emergencies Programme on 21st April, 2020

Ms. Yuwvaranni S has attended webinar on **Cloud 101: An introduction to cloud computing** organized by AWS educate on 16th April, 2020.

BRSI NEWS LETTER

STTP

BRSI NEWS LETTER

STTP

BRSI UNIT, St Joseph's College of Engineering, Chennai

The Department of Biotechnology at St. Joseph's College of Engineering, Chennai organized an All India Council for Technical Education, New Delhi sponsored six-days Short Term Training Program on "Prospects and Challenges in Biofuels and Bioenergy" from 11th to 16th November 2019. This program was organized in association with BRSI-Unit and ISTE Chapters of our college. A Total of 45 participants from various colleges were participated. Dr. V. Sivasubramanian, Director, Phycospectrum Environmental Research Centre, Chennai inaugurated the program on 11th November 2019 and delivered a lecture on "Integration of algae biomass production for bio-fuels with waste water treatment".

BRSI News Letter Vol. 17(2) April 2020

Proceedings of AICTE-STTP-PCBB 2019 was released by Dr. V. Sivasubramanian and received by Principal Dr. Vaddi Seshagiri Rao during the inauguration of the program.

In association with BRSI-Unit and ISTE Chapters of St. Joseph's College of Engineering, we have organized The **All India Council for Technical Education, New Delhi** sponsored six days Short Term Training Program on **"Prospects and Challenges in Biofuels and Bioenergy"** from 11th to 16th November, 2019. A report of this event was published in **The BRSI NEWS LETTER Volume 17, No. 2, April 2020.**

NGO VISIT

	Copy of report published in The BRSI News letter **NGO Visit** **BRSI-St. Joseph's College of Engineering Unit** As part of Societal program, BRSI student members (III year) of SJCE visited New Life Charitable Trust, Eraiyur, Chennai on 25th January 2020. Around 120 inmates of age group from 3-75 years interacted with the students. After this, the students served them special lunch provided by the college management. *Copy of report published in The BRSI News letter*	Our beloved Chairman wants to extend a supporting hand to the needy people and also he wanted to invoke the service mind of our students by encouraging visits to orphanages and old age homes. In the above view the department has organized NGO visit for 59 student from III year Biotechnology **Name of the Organization:** New Life Charitable Trust, Sriperumbudur **Date of Visit :** 25.01.2020 A report of this NGO visit was publised in **The BRSI NEWS LETTER Volume 17, No. 2, April 2020.**

DEPARTMENT OF CHEMICAL ENGINEERING

Sl. No.	Event Details	Remarks
1	STTP	The following staffs participated in online STTP on conducted by Karpaga Vinayaga College of Engineering & Technology from 8th to 13th April. <table><tr><th>S No</th><th>Name of the Staff</th><th>Topic</th></tr><tr><td>1</td><td>Dr R Basakran</td><td>Omics of Corona Virus</td></tr><tr><td>2</td><td>Ms B senthil Rathi</td><td>Omics of Corona Virus</td></tr><tr><td>3</td><td>Ms Sivaranjanee R</td><td>Omics of Corona Virus</td></tr><tr><td>4</td><td>Ms S Geerthika</td><td>Omics of Corona Virus</td></tr></table> The following staffs participated in online STTP on conducted by Karpaga Vinayaga College of Engineering & Technology from 25th to 30th April on the topic Nanobiotechnology & its

		Applications.

S No	Name of the Staff
1	Ms B senthil Rathi
2	Ms Sivaranjanee R
3	Ms S Geerthika

- Ms A Tamilarasi participated in FUEL AND COMBUSTION STTP organized by Tata Steel on 17th April.
- Ms A Tamilarasi participated in Advance Microsoft Excel STTP organized by Tata Steel on 20th April.

2	Workshop	✓ Dr R Baskaran participated in online webinar on Searching for reactions on 21st April organized by researcher's Academy.

2	Workshop	✓ Dr R Baskaran participated in online webinar on Searching for reactions on 21st April organized by researcher's Academy. ✓ Dr R Baskaran participated in online webinar on Physiochemical properties of substances on 22nd April organized by researcher's Academy. ✓ Mr C Karthikeyan participated in an International workshop on Variable Area Flowmeters on 27th April. ✓ Mr C Karthikeyan participated in an International workshop on Principles of Hygiene for the Food Processing Industry on 28th April. ✓ Mr C Karthikeyan participated in an International workshop on Industrial Water Systems on 17th April. ✓ Mr C Karthikeyan participated in an International workshop on Fuels & Combustion on 19th April. ✓ Ms A Tamilarasi participated in an International workshop on Variable Area Flowmeters on 28th April organized by Krohne Academy Germany. ✓ Ms A Tamilarasi participated in an International workshop on Pipe line detection on 28th April organized by Krohne Academy Germany. ✓ Ms A Tamilarasi participated in an International workshop on Principles of Hygiene for the Food Processing Industry on 30th April
3	Publication	• Dr R Baskaran published a paper titled INNOVATIVE TECHNIQUES AND FUTURE PROSPECTS ON ADVANCED DESALINATION PROCESSES in the Journal of Xidian University. • Mr S Vinod Kumar & Dr R Baskaran published a paper titled RO MEMBRANE AUTOPSY AND FOULING in the Studia Rosenthaliana (Journal for the Study of

Research)

- Mr S Vinod Kumar & Dr R Baskaran published a paper titled "Ftir Analysis Of Membrane Used In Treating Different Ground Water Sample" in the International Journal of Advanced Science and Technology.

DEPARTMENT OF MECHANICAL ENGINEERING

Sl. No.	Event Details	Remarks
1	**Webinars,STTPs,FDPs Attended**	➢ Dr.N. Arunkumar attended Attended Webinar on "How to Get Published in Scientific Journal :From Research to Publication" Organised by MHRD - Institute Innovation Council - Sri Sai Ram Institute of Technology on 27th April 2020 ➢ Mr.M.Arun attended online training on CNC basics Conducted by MSME 13.04.20 ➢ Mr.M.Arun attended 3 days workshop on DOE conducted by JAER 26.04.20 ➢ Dr.R. Selvam attended Online Lecture on "An Overview of Electric Vehicle", Organized by RMK College of Engineering and Technology, on 25th April 2020 ➢ Mr.K.M.B.Karthikeyan Attended Webinar on Fuzzy Logic and Neural Network Approaches for Engineering Solutions" conducted on 29th & 30th April 2020. ➢ Dr.K.Arun attended Webinar on "Engineering Graphics", Organized by Bharath University, on 28th April 2020. ➢

DEPARTMENT OF CIVIL ENGINEERING

Sl. No.	Event Details	Remarks
1	**Webinars,STTPs,FDPs Attended**	**Ms.R.Ruthra** has attended an AICTE recognized five days Faculty Development Programme on "Environment and Sustainable Development" organized by NITTTR, Chandigarh during 20 .04.2020 to 24.04.2020

2	**Funded Projects**	
		Mr.P.Sri Balaji AP/Civil 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.
3	**Other Activities**	
		Dr.K.Vijai has Completed 12 weeks NPTEL Course titled "Maintenance and Repair of Concrete Structures" during April 2020
		S.Thangaperumal has Completed 12 weeks NPTEL Course titled "Remote Sensing Essentials" during April 2020
		Ms.S.Banupriya, Mr.P.Sribalaji and Ms.R.Ruthra have completed a 4 weeks NPTEL Course titled " Introduction to Geographic Information Systems " during April 2020.
		Ms.S.Banupriya and Ms.R.Ruthra have completed a 4 weeks NPTEL Course titled " Electronic Waste Management - Issues and Challenges " during April 2020.

DEPARTMENT OF MBA

S.No	Events	Remarks
		April 2020
1		**Dr. Jayasree Krishnan** ➢ FDP on "Virtual Teaching" organised by Coimbatore Institute of Technology - Teaching Learning Center- 20/04/2020 - 21/04/2020 ➢ Workshop on"Fine Tuning Research Planning Usisng Elsevier Tools, Science Direct, Scopus, Mendely" conducted by KJ Comiys College of Science and Arts and Elsevier- 25/04/2020 ➢ FDP on "Learning through Gamification" conducted by Dept of MBA,PSNA College of Engineering and Technology- 30/04/2020 **Dr.Jawahar Rani** ➢ Workshop on 'Research Methodology conducted by Best international Society'- 12th April-14 **Dr.Priya Sethuraman** ➢ FDP on 'Virtual Teaching,CIT –TIC'- 29th & 30th April 2020 **Dr.S.Sudha** ➢ Research Methodology Workshop, REST Society for Research International- 12/04.20to14/04/20

	➤ STTP on 'Innovation, Incubation, Intrapreneur, Invention and Intellectual Property,S.A. College of Arts and Science- 26/04/2020 to 9/05/2020 **Mr.S.P.Karuppiah** ➤ One Week Online Course on Research Methodology for Social Science,Indian Academic Researchers Association, Tiruchirppalli.- 06.04.2020 to 12.04.2020 ➤ FDP on Virtual Teaching,CIT –TIC'- 29th & 30th April 2020 ➤ STTP on 'Innovation, Incubation, Intrapreneur, Invention and Intellectual Property,S.A. College of Arts and Science- 26/04/2020 to 9/05/2020 **Mr.S.Aravinth** ➤ One Week Online Course on Research Methodology for Social Science, Indian Academic Researchers Association, Tiruchirppalli.- 06.04.2020 to 12.04.2020 ➤ STTP on 'Innovation, Incubation, Intrapreneur, Invention and Intellectual Property,S.A. College of Arts and Science- 26/04/2020 to 9/05/2020 **Dr.Joel Jebadurai** ➤ One Week Online Course on Research Methodology for Social Science,Indian Academic Researchers Association, Tiruchirppalli.- 06.04.2020 to 12.04.2020 ➤ FDP on Managing online classes and Co-Creating MOOCS,Ramanujam College, University of Delhi- 20/04/2020 TO 06/05/2020 **Dr.Kartick.R** ➤ One Week Online Course on Research Methodology for Social Science,Indian Academic Researchers Association, Tiruchirppalli.- 06.04.2020 to 12.04.2020

| 2 | | **Dr.Jawahar Rani**
➢ Webinar on Digital Knowledge series-Technology for Future,ICT Academy- 9/4/2020 to 18/4/2020
➢ "Expectation Vs. Reality of Students on Employability" organised by DB Jain college- 23-4-20
➢ Leading in a VUCA world organised by ICT Academy- 20/4/2020 to 24/4/2020

Dr.R.Nadanasabai
➢ Exploring Educational Oppurtunities at the time of COVID 19 Crisis organised by S A College Of Engineering- 30.04.2020
Dr.Priya Sethuraman
➢ Webinar on Digital Knowledge series-Technology for Future,ICT Academy- 9/4/2020 to 18/4/2020
➢ Leading in a VUCA world organised by ICT Academy- 20/4/2020 to 24/4/2020
➢ The Future is Here Now,ICT Academy- 27/4-29/4 & 1/5/2020
Dr.S.Sudha
➢ Webinar on Digital Knowledge series-Technology for Future,ICT Academy- 9/4/2020 to 18/4/2020
➢ Research Outcomes:Technical paper Writing,Research Proposal,Patent Filing,Data Tech.ai- 22/04/20
Dr.R.Sundari
➢ Webinar on Digital Knowledge series-Technology for Future,ICT Academy- 9/4/2020 to 18/4/2020
Dr.U.Abirami
➢ Leading in a VUCA world,ICT Academy-20/4/2020 to 24/4/2020
Dr.S.Ajit
➢ Webinar on Digital Knowledge series-Technology for Future,ICT Academy- 9/4/2020 to 18/4/2020
➢ How higher education will change post pandemic,Shiksha .com- 25.4.2020
Mr.Surenthran David
➢ Webinar on Digital Knowledge series-Technology for |

		Future,ICT Academy- 9/4/2020 to 18/4/2020 ➢ Leading in a VUCA world,ICT Academy- 20/4/2020 to 24/4/2020 ➢ EDUCATION 4.0 – FUTURE OF LEARNING, conducted by Anand Institute of Technology- 29/4/2020 & 30/4/2020 **Dr.M.Manikandan** ➢ Webinar on Digital Knowledge series-Technology for Future,ICT Academy- 9/4/2020 to 18/4/2020 ➢ Leading in a VUCA world,ICT Academy-- 20/4/2020 to 24/4/2020 **Mr.S.P.Karuppiah** ➢ Future of AI inspired by Customer Use Cases for AI-ML,DIGITAL KNOWLEDGE SERIES 2020-09-04-2020 to 15-04-2020 ➢ The Future is Here Now,ICT Academy-28-04-2020 to 01-05-2020 ➢ Webinar on the theme Leading in a VUCA World,ICT Acdemy-20-04-2020 to 24-04-2020 **Dr.Kartick.R** ➢ Technology For Future,ICT Academy-11.04.2020 ➢
3	Online Courses	**Dr. Jayasree Krishnan** ➢ "One week Online Course on Research Methodology for Social Sciences"organised by Indian Academic Research Association. 6/04/2020 - 14/04/2020 **Dr.Jawahar Rani** ➢ "One week Online Course on Research Methodology for Social Sciences"organised by Indian Academic Research Association. 6/04/2020 - 14/04/2020 ➢ Online refresher course on EDUCATION 4.0 – FUTURE OF LEARNING, conducted by Anand Institute of Technology- 29th April & 30 **Dr.R.Nadanasabai**

		➢ Online refresher course on EDUCATION 4.0 – FUTURE OF LEARNING, conducted by Anand Institute of Technology- 29th April & 30 ➢ "One week Online Course on Research Methodology for Social Sciences"organised by Indian Academic Research Association. 6/04/2020 - 14/04/2020 **Dr.S.Sudha** ➢ Three weeks Online Refresher programme MBA-PPC(MANAGEMENT,BUSINESS,ADMINISTRATION-PRESENT AND POST CRISIS,S.A. College of Arts and Science-14/04/2020 to 04/05/2020 **Dr.R.Sundari** ➢ Online Training on HR ANALYTICS,MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)- 27.04.2020 to 30.04.2020 **Dr.U.Abirami** ➢ Online refresher course on EDUCATION 4.0 – FUTURE OF LEARNING, conducted by Anand Institute of Technology- 29th April & 30 **Dr.M.Manikandan** ➢ Three weeks Online Refresher programme MBA-PPC(MANAGEMENT,BUSINESS,ADMINISTRATION-PRESENT AND POST CRISIS,S.A. College of Arts and Science-14/04/2020 to 04/05/2020 ➢ Online refresher course on EDUCATION 4.0 – FUTURE OF LEARNING, conducted by Anand Institute of Technology- 29th April & 30 **Mr.S.P.Karuppiah** ➢ Online Training on HR ANALYTICS,MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)- 27.04.2020 to 30.04.2020 **Dr.Kartick.R** ➢ Online Course on Stress Management,AVS College of Arts & Science, Salem.- 13.04.2020 to 17.04.2020

			- Online refresher course on EDUCATION 4.0 – FUTURE OF LEARNING, conducted by Anand Institute of Technology- 29th April & 30 **Mr.S.Aravinth** "One week Online Course on Research Methodology for Social Sciences"organised by Indian Academic Research Association. 6/04/2020 - 14/04/2020

4	**Title of the Project**	**Student(s) Name Code**	**Amt. in Rs.**	Dr. PriyaSethuraman, Associate Professor, project approved from TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY, DOTE Campus, Chennai-600025 under STUDENT PROJECT SCHEME 2019-2020 - SCIENCE STREAM
	Construction of mental behavior model of suicidal ideation amon students	S.Sneha S. Naresh Krishnan J. Sharon Bercy C.S.Srivatsan	7500/-	

5		The following studentsof MBA completed their online course during April 2020

STUDENT NAME	ONLINE COURSE
UzaifaFathima M	Completed online course titled, "USAF Supply Chain Management 346/Equipment specialist 1670", by Ude on 21/04/2020
Ramki R	1). Completed online course titled, "Fundamentals of digital marketing", by Google digital unlocked, on 20/04/20 2). Completed online course titled, "Financial analyst course", by Udemy on 14/04/2020

		Ramya MP	Completed online course titled, "Fundamentals of digital marketing", by Google digital unlocked, on 01/04/2020	
		NamrathaAtluri	Completed online course titled, "Financial analyst course", by Udemy on 15/04/2020	
		Vidhyasri K	1). Completed online course titled, "Advancing the Digital Economy for sustainable growth in Asia", ADBInstitute, on 15/04/20 2). Completed online course titled, "Career Edge-Knockdown the Lockdown", by Tata Consultancy Services, on 15/04/2020	
		Uma R	Completed online course titled, "Beginner to Pro in Excel: Financial Modeling and Valuation ", by Udemy on 15/04/2020	

DEPARTMENT OF SCIENCE

Sl. No.	Events	Remarks
1	**STTP**	1. Ms. J. Sharmila attended online course on Basic Principles of Spectroscopy conducted by AVS College of Arts and Science, Salem from 17.04.20 to 19.04.20 2. Dr.P. Saravanan attended Short term course on Fuels and combustion conducted by Tata steel capability program, on 17.04.20 3. Dr.N.R. Rajagopalan attended Short term E-learning capability program course on Heat treatment of steel and Fuels and combustion conducted by Tata Steel - Shavak Nanavati Technical Institute (SNTI) - Jamshedpur on 24.04.20 4. Dr.N.R. Rajagopalan attended Short term E-learning capability program course on Desulphurisation and Basic total quality management conducted by Tata Steel

		- Shavak Nanavati Technical Institute (SNTI) - Jamshedpur on 25.04.20
		5. Dr.N.R. Rajagopalan attended Short term E-learning capability program course on Industrial water system and Ms-Office conducted by Tata Steel - Shavak Nanavati Technical Institute (SNTI) - Jamshedpur on 26.04.20
		6. Dr.N.R. Rajagopalan attended Short term E-learning capability program course on Advanced Excel conducted by Tata Steel - Shavak Nanavati Technical Institute (SNTI) - Jamshedpur on 27.04.20
2	**Value added Courses/Courses other than VAC**	1. SOPHIA ANJELICA J - I ECE – C has attended Complete Python Bootcamp:Go from zero to hero in Python 3 online course by Udemy, on 19th April, 2020. 2. RANJITH ROSHAN M , SIBI SELVAN S, SUSHANTH KRISHNAMITHRAN , RAJAGOPALAN V G - I ECE – C has attended Digital marketing course through Google Digital, on 2nd April, 2020. 3. ABISHLAL N S – I EEE A has Done a course conducted by "Google" in the topic "Google ads display certification"on 18th April, in the topic "Google ads search certifiction". On 23rd April. 4. ABISHLAL N S – I EEE A Done a course conducted by "cursa" in the topic "Microsoft word."on 20th April, " Microsoftexcel."on 21st April, "microsoft power point." On 22nd April, " How to improve youtube." On 23rd April 5. ABISHLAL N S – I EEE A has Done a course conducted by "Saylor academy" in the topic "Word Processing Using Microsoft Word".on 21st April 6. ABISHLAL N S– I EEE A has Done a course conducted by "Tata steel" in the topic "MS office." On 25th April
3	**Competitions attended by students**	1. HEMA V – ECE-A has attended online "COVID-19 panademic general awareness quiz" conducted by Neotech Faculty Diploma Engineering on 26th April 2020. 2. SWETHA P M, SHALINI S, VARSHA SREE R, SRINIVEDHINI V V - I ECE

| | | – C attended Quiz on COVID 19 conducted by Sandip University, on 25th April, 2020.
3. VISHALI. E SWETHA P M, SANDHIYA S, RACHEL A, SHALINI S, VARSHA SREE R , SRINIVEDHINI V V, SRIMATHI J, RAJAGOPALAN V G, UPPULIAPPAN M - I ECE – C has attended Quiz on COVID 19 conducted by Neotech Faculty of Diploma Engineering, on 25th April, 2020.
4. DEEPTI V & NANGAISRI – EIE-A attended online "COVID-19 panademic general awareness quiz" conducted by Neotech Faculty Diploma Engineering on 26th April 2020.
5. MOHAMED AASHIK.S – I EEE B has attended a quiz in the COVID – 19 conducted by Sandeep University in 25th April 2020.

6.ABINAYAA SRI . T, AYESHA PARVEEN.I, R.CHRISTERL PERIS, HEMA APSARA.A   of I EEE Aattended Covid-19 pandemic awareness quiz conducted by "Sandeep University" during the period of 25/4/2020 to 30/4/2020
7.H. AJMAL ABDUL KADER, DHIYANESH.P, GOPINATH. M, HARISHKUMAR.K, ABISHLAL N S, of I EEE A participated in a quiz conducted by "PANIMALAR MEDICAL COLLEGE" in the topic"COVID-19 AWARNESS QUIZ" on 22/04/2020 to 25/04/2020
8.AYESHA PARVEN, R.CHRISTEL PEERIS of I EEE A has attended COVID-19 Pandemic General Awareness Quiz at Neotech Technical Campus, Vadodara on 25th April 2020..
9. DHIYANESH.P -I EEE A participated in quiz conducted by "Vinayaka Missions research Foundation "Inthetopic "COVID-19 combatant" on 30/04/2020. |

DEPARTMENT OF EEE

S.No	Events	remarks
		April 2020
1	FACULTY DEVELOPMENT PROGRAM	**Dr.Jayarama Pradeep** ➤ Attended 5 days Faculty development program (27.4.2020– 1.5.2020) Technological Advancements in Power System Control, Power Controllers, Drives and E-Vehicles, conducted by Dr.N.G.P. Institute of Technology, Coimbatore. **Dr.T.D.Sudhakar** ➤ Attended 5 days Faculty development program (27.4.2020– 1.5.2020) Technological Advancements in Power System Control, Power Controllers, Drives and E-Vehicles, conducted by Dr.N.G.P. Institute of Technology, Coimbatore. **Dr.V.Krishna kumar** ➤ Participated FDP conducted by Dr. NGP institute of Technology on " Technology Advancement in power system control, power controller, drives and E-vehicles" from 27/04/2020 to 01/05/2020. **Dr.V.Vasan Prabhu** ➤ Attended 5 days Faculty development program (27.4.2020–1.5.2020) Technological Advancements in Power System Control, Power Controllers, Drives and E-Vehicles, conducted by Dr.N.G.P. Institute of Technology, Coimbatore. **Mr. R.Sreekanth** ➤ Successfully completed 5 days AICTE Recognized Faculty Development Programme on "SCILAB Programming" from 14.04.2020 to 18.04.2020, organized by NITTTR, Chandigarh. ➤ Successfully completed 5 days AICTE Recognized Faculty Development Programme on "Operational Research - An Introduction" from 20.04.2020 to 24.04.2020, organized by NITTTR, Chandigarh. ➤ Successfully completed 5 days AICTE Recognized Faculty Development Programme on "8051 Microcontroller and its Applications" from 27.04.2020 to 01.05.2020, organized by NITTTR, Chandigarh.

		Dr. A.Jamna ➢ Attended a Five day FDTP on "Technological Advancements in Power System Control, Power Controllers, Drives and E-Vehicles" organized by Department of EEE, Dr.N.G.P. Institute of Technology, Coimbatore.
2		**Dr.Jayarama Pradeep** ➢ Attended a webinar on "How to handle online classes to students" conducted by ATAL incubation centre, PEC on 8/4/2020. **Dr.V.Chamundeeswari** ➢ Learnt "Artificial intelligence from Math works "through online webinar. ➢ Attended a webinar on "Li-ion battery design and battery thermal management" **Dr. N.Chidambararaj** ➢ Participated in the Online webinar on "Prediction and Time Series Forecasting in Power Electronics using Artificial Intelligence" organized by the Department of Electrical and Electronics Engineering, SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE - 641042 on 25th april 2020. **Dr.M.Venmathi** ➢ Participated in IEEE WEBINAR on "IoT in Automotive Electronics" on 01/05/2020. ➢ Attended webinar on Electric Vehicle Battery Management System conducted by IEEE PES Student branch Chapter and EEE Department of St.Joseph's Institute of Technology,Chennai on 28-04-2020. ➢ Attended webinar on Modelling of Grid Emulator for FPGA Target, conducted by Entuple Technologies on 29-04-2020. ➢ Attended online session on National Innovation & Startup Policy (NISP) by MHRD Innovation Cell, AICTE on 28-04-2020. **Dr.V.Krishna kumar** ➢ Participated in the Online webinar on "Prediction and Time Series Forecasting in Power Electronics using Artificial Intelligence"

| | | organized by the Department of Electrical and Electronics Engineering, SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE - 641042 on 25th April 2020.
➢ Participated in IEEE WEBINAR on "IoT in Automotive Electronics" on 01/05/2020.
➢ Attended 3 Days Webinar "Series on Electric Solar Vehicle Project" conducted by ISIEINDIA E-Learning App/website.
➢ Attended online webinar on "How to Conduct Online Class to Students" organized by Atal Incubation Centre-Pondicherry Engineering College Foundation on 08.04.2020.
➢ Attended IIC online session 2 on Role and Importance of Pre-Incubators, Incubators and Accelerators in HEIs by MHRD Innovation Cell, AICTE on 30-04-2020.
Dr.P.Velmurugan
➢ Participated in the Online webinar on "Prediction and Time Series Forecasting in Power Electronics using Artificial Intelligence" organized by the Department of Electrical and Electronics Engineering, SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE - 641042 on 25th April 2020.
➢ Participated in IEEE WEBMINAR on "IoT in Automotive Electronics" on 01/05/2020.
➢ Attended webinar on Modelling of Grid Emulator for FPGA Target, conducted by Entuple Technologies on 29-04-2020.
➢ Attended webinar on Electric Vehicle Battery Management System conducted by IEEE PES Student branch Chapter and EEE Department of St.Joseph's Institute of Technology,Chennai on 28-04-2020.
Dr.V.Vasan Prabhu
➢ Attended 3 days webinar "Electric Solar Vehicle Project" conducted by ISIE India and scored 90% in Assessment.
➢ Participated in one day(28.4.2020) webinar on "Smart Battery Management and Health Conscious Fast Charging for Future Transportation" conducted by IEEE PES Student Branch chapter & SJIT.
➢ Attended three days (23-25 April) workshop on MCDM online workshop in optimization. |

	➢ Attended online session on National Innovation & Startup Policy (NISP) by MHRD Innovation Cell, AICTE on 30-04-2020. **Mr.S.Sridharan** ➢ Attended webinar on Modelling of Grid Emulator for FPGA Target, conducted by Entuple Technologies on 29-04-2020. ➢ Attended online session on National Innovation & Startup Policy (NISP) by MHRD Innovation Cell, AICTE on 30-04-2020. **Ms.R.G.Nirmala** ➢ Participated in the Online webinar on "Prediction and Time Series Forecasting in Power Electronics using Artificial Intelligence" organized by the Department of Electrical and Electronics Engineering, SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE - 641042 on 25th april 2020. ➢ Attended Webinar on the topic "Smart Battery Energy Management on 28/04/2020 ➢ Participated a webinar on IOT in 'Automotive Electronics' on 01/05/2020 **Mr.R. Elanthirayan** ➢ participated in the Online webinar on "Prediction and Time Series Forecasting in Power Electronics using Artificial Intelligence" organized by the Department of Electrical and Electronics Engineering, SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE - 641042 on 25th april 2020. ➢ Participated in the webinar "effective technical writing: thesis vs paper" on 27 and 29 april 2020 hosted by IEEE student branch(35261) of basaveshwer engineering college (antonmous) bagalkot-587103, karnataka ➢ Attended webinar on Electric Vehicle Battery Management System conducted by IEEE PES Student branch Chapter and EEE Department of St.Joseph's Institute of Technology, Chennai on 28-04-2020. ➢ Attended online session on National Innovation & Start-up Policy (NISP) by MHRD Innovation Cell, AICTE on 28-04-2020. **Mr. C.Venkatesh Kumar**

- ➢ Attended online session on National Innovation & Startup Policy (NISP) by MHRD Innovation Cell, AICTE on 30-04-2020.
- ➢ participated in the Online webinar on "Augmented Reality/ Virtual Reality "organized by IAS IEEE NIT Calicut SB on 1st May 2020.

Mr.M.Chilambarasan
- ➢ Participated in the Online webinar on "Prediction and Time Series Forecasting in Power Electronics using Artificial Intelligence" organized by the Department of Electrical and Electronics Engineering, SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE - 641042 on 25th April 2020.
- ➢ Participated in IEEE WEBMINAR on "IoT in Automotive Electronics" on 01/05/2020.

Mr. R.Sreekanth
- ➢ Industrial Automation" conducted by Panimalar Institute of Technology on 08.04.2020.
- ➢ Attended a webinar titled "Machine Learning and the Future Opportunities" conducted by Panimalar Institute of Technology on 09.04.2020.
- ➢ Attended a webinar titled "Successful Scientific Publishing" presented by Prof. Alejandro C. Frery Universidade Federal de Alagoas, Maceió, Brazil, Organized by IEEE HyderabadSection on 13.04.2020.
- ➢ Attended a webinar titled "Power-Based Droop Control in DC Microgrids Enabling Seamless Disconnection from Upstream Grids" conducted by Guangyuan Liu under IEEE Power Electronics Society on 14.04.2020.
- ➢ Attended a webinar titled "Renewable Energy Grid Integration" presented by Dr.M.Venkatesh Kumar, Organized by IEEE MEA SB on 23.04.2020.
- ➢ Attended a webinar titled "Fast EV Chargers Using Three-phase LLC Converters" conducted by Abbas Arshadi and Martin Ordonez under IEEE Power Electronics Society on 16.04.2020.
- ➢ Attended a webinar titled "Integrated Power Delivery and Management for High-Performance Digital Systems" conducted by

	Hanh-Phuc Le of University of California, San Diego, CA,USA under IEEE Power Electronics Society on 22.04.2020. ➢ Actively participated in a Webinar titled "AUTOSAR" organized by IEEE SJCET SB, Kerala on 25.04.2020. ➢ Actively participated in a Webinar titled "How to Get Published In Scientific Journal : From Research to Publication" organized by MHRD - Institute Innovation Council - Sri Sai Ram Institute of Technology on 27.04.2020. ➢ Attended a webinar titled "Exploring Grants Funding Award and scholarships in IEEE" of Know your IEEE webinar series held on 27.04.2020. ➢ Attended online session on National Innovation & Start-up Policy (NISP) by MHRD Innovation Cell, AICTE on 28-04-2020. ➢ Attended webinar on Electric Vehicle Battery Management System conducted by IEEE PES Student branch Chapter and EEE Department of St.Joseph's Institute of Technology, Chennai on 28-04-2020. **Mr. K.Aravindhan** ➢ Participated in the Online webinar on "Prediction and Time Series Forecasting in Power Electronics using Artificial Intelligence" organized by the Department of Electrical and Electronics Engineering, SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE - 641042 on 25th april 2020. **Ms.S.Gomathi** ➢ Participated in IEEE WEBINAR on "IoT in Automotive Electronics" on 01/05/2020. ➢ Attended webinar on Modelling of Grid Emulator for FPGA Target, conducted by Entuple Technologies on 29-04-2020. ➢ Attended online session on National Innovation & Startup Policy (NISP) by MHRD Innovation Cell, AICTE on 28-04-2020. **Mr. H.Prasad** ➢ Learnt How to take online classes by attending a webinar on the same conducted by ATAL Incubation centre Pondicherry University **Ms.S.P.Vedavalli**

		- participated in the Online webinar on "Prediction and Time Series Forecasting in Power Electronics using Artificial Intelligence" organized by the Department of Electrical and Electronics Engineering, SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE - 641042 on 25th april 2020. - Participated in IEEE WEBINAR on "IoT in Automotive Electronics" on 01/05/2020. - Attended webinar on Electric Vehicle Battery Management System conducted by IEEE PES Student branch Chapter and EEE Department of St.Joseph's Institute of Technology,Chennai on 28-04-2020. - Attended online session on National Innovation & Startup Policy (NISP) by MHRD Innovation Cell, AICTE on 28-04-2020. - Attended IIC online session 2 on Role and Importance of Pre-Incubators, Incubators and Accelerators in HEIs by MHRD Innovation Cell, AICTE on 29-04-2020. **Ms.R.Sujatha** - Attended online session on National Innovation & Startup Policy (NISP) by MHRD Innovation Cell, AICTE on 28.04.2020. - Attended a Webinar on "Electrical Safety for Industrial Facilities" by AVO training Institute on 28.04.2020 - Participated in IEEE WEBINAR on "IoT in Automotive Electronics"on 01/05/2020. **Dr.P.Anbarasan** - Attended IIC online session 1 on National Innovation and Sart-up policy for student and Facultes:Guiding Framework for HEIs to Implement by MHRD Innovation Cell, AICTE on 29-04-2020. - Attended webinar on Modelling of Grid Emulator for FPGA Target, conducted by Entuple Technologies on 29-04-2020. - Attended webinar on Electric Vehicle Battery Management System conducted by IEEE PES Student branch Chapter and EEE Department of St.Joseph's Institute of Technology,Chennai on 28-04-2020 - Attended IIC online session 2 on Role and Importance of Pre-Incubators, Incubators and Accelerators in HEIs by MHRD Innovation Cell, AICTE on 30-04-2020.

		- Participated in IEEE Webinar on "IoT in Automotive Electronics" on 01/05/2020 conducted by SA Engineering College - Participated in IEEE webinar on AR/VR on 01/05/2020 conducted by NIT Calicut **Mr.Jeyaprakash N** - Attended e-Session on NISP for Students and Faculties: Guiding Framework for HEIs to Implement on 29/04/20 - Attended Webinar of Modelling of Grid Emulator for FPGA Target, conducted by Entuple Technologies.
3		**Dr.Jayarama Pradeep** - Completed online courses on Design and control of DC/DC converter MATLAB/Simulink by Udemy on april 16th 2020 **Dr T V Narmadha** - Completed online courses on python and cables & connectors by Udemy on april 2020 - Completed online courses on Basics of electricity by cursa on april 2020 **Dr.M.Venmathi** - Completed online course on Design and control of DC/DC converter Matlab/Simulink by Udemy on 11.04.2020 **Dr.V.Krishna kumar** - Completed online course on Design and control of DC/DC converter Matlab/Simulink by Udemy on 20-04-2020. **Dr.V.Vasan Prabhu** - Attended 3 following Courses in TATA E-learning center 1.Fan and Blower, 2.Transformer, 3. Induction motor - Successfully Completed 23 Hours Udemy course on "Digital Marketing" **Mr.S.Sridharan** - Attending an online course on Design and control of DC/DC converter Matlab/Simulink by Udemy. **Mr.R. Elanthirayan**

		➢ Successfully completed 100% of the self-paced online training course conducted by MathWorks Training Services on "MATLAB Onramp" **Mr. R.Sreekanth** ➢ Successfully completed 17 hours and 34 minutes Online course on Arduino, conducted by Cursa Applications, during April 2020. **Ms.S.Gomathi** ➢ Completed MATLAB Online Course : MATLAB ONRAMP **Mr. H.Prasad** ➢ Completed a course online and obtained certificate in "Fundamentals of R Programming" Conducted by Amity University online education **Mr.Nishant S** ➢ Attended Basic courses on Microcontrollers and the C Programming Language and Introduction to Power Electronics: From Theory to Practice **Ms.R.Sujatha** ➢ Completed Udemy course on "Learn How to Communicate and Conduct effective Webinars" **Mr.V.Balasubramanian** ➢ Completed a e-learning program on PROGRAMMABLE LOGIC CONTROLLER conducted by TATA STEEL CAPABILITY DEVELOPMENT PROGRAM. ➢ Completed a e-learning program on POWER SYSTEM PROTECTION conducted by TATA STEEL CAPABILITY DEVELOPMENT PROGRAM. ➢ Completed ARDUINO microcontroller programming online self learning audio/video tutorial course conducted by NPTEL. **Ms. M.Sumitha** ➢ Successfully completed a module from research academy (Elsevier) titled, "How to secure Funding". ➢ Successfully completed a module from research academy (Elsevier) titled, "How to conduct evidence based research". ➢ Successfully completed a module from research academy (Elsevier) titled, "How to produce highly visible research". **Dr.P.Anbarasan**

			➤ Completed online course on Design and control of DC/DC converter Matlab/Simulink by Udemy on 16-04-2020.	

4	 **PIC: placement webinar poster**	Our department of EEE organized placement webinar for pre final year students "How to prepare for placements" by our alumni Mr.S.Amudhan, Senior System Engineer, Infosys & Mr.R. Prashanth, Cybersecurity Specialist on 24/04/2020 at 3pm.
5	 **PIC: placement webinar poster**	Our department of EEE organized placement webinar for pre final year students "ENTREPRENEURSHIP GUIDANCE " by our alumni Ms. Dhivya Nandini, Entrepreneur, Author on 28/04/2020 at 2pm.

6	**Title of the Project**		**Student(s) Name Code**	**Amt. in Rs**	Our department Dr. P. Velmurugan Associate Professor project approved from TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY, DOTE Campus, Chennai-600025 under STUDENT PROJECT SCHEME 2019-2020 - ENGINEERING STREAM
	Supercapacitor based storage system for efficiency improvement of electric vehicles		Siva D Stabin S Vignesh K S V	7500/-	

7	**Event**	**1st place**	**2nd place**	**3rd place**	Our Department of Electrical and Electronics Engineering under Robotics and Automation Society, IEEE Student Branch Chapter - St. Joseph's college of Engineering, Chennai have organized an online event OPTIMUS 20' during this lockdown period for all the students to utilize this time in a useful
	Circuit Debugging	Sharzeel Saleem	Ganapathy M	Dharshini J	

Connexion	Bavani P	Hanumara Geetika	Ghatyajmie M	nd knowledge gaining manner, on 10th April 2020. Totally 4 events have been conducted under this online event. More than 100 participants from various colleges across India, have registered and participated in this event. The events conducted are as follows: Circuit Debugging, Connexions, Manuscript Writing, Project expo.
Manuscript Writing	Vedhika Chelli K	Akshaya K & Anusha R	Archana S	
Project Expo	Akshaya K & Anusha R	Sharan R	Arul Manivannan	

8	*PIC: Model certificate of IEEE event*	Our department of Electrical and Electronics Engineering under Industry Applications Society,IEEE Student Branch Chapter. conducted an online event named "Indium'20" had three competitions - Quiz, Poster Design and Essay Writing. The event was conducted on April 1,2020. Nearly 50+ students across all colleges participated in the event.
9	*PIC: Model certificate of IEEE event*	Our department Women in Engineering Affinity Group of St. Joseph's College of Engineering under IEEE Student Branch Chapter have successfully conducted an online event named "FLAMINGO2k20" on 7th April 2020. Nearly 100 participants from various colleges in India and Sri Lanka participated and made the event a great success amidst lockdown.
10	*PIC: Model certificate of IEEE event*	Our Department of Electrical and Electronics Engineering under IEEE Student Branch Chapter – St. Joseph's College of Engineering have conducted "QUIZOPEDIA!", an online quiz event which happened on 03/04/2020. The online tool used for the competition was Kahoot.
11	*PIC: Model certificate of IEEE event*	Our Power Electronics Societyunder St. Joseph's College of Engineering,IEEE Student Branch Chapter had organized "AVANT-GARDE" an online event to kindle the creative side of students during the corona lockdown. The event was announced on 1st April 2020 inviting participants from various states of our country.

| 12 | | Our students of Electrical and Electronics Engineering completed the online course during April 2020 |

Student Name	ONLINE COURSE
BAVITHRA RAJAN S	Completed online course titled "Web Development" by Intershala on 26/4/20
DERRYSHIA M	Completed online course titled "Machine Learning ","Phyton" conducted by GUVI during 01/05/20 to 02/05/20
DIVYA V	1)Completed online course titled "Machine Learning" by GUVI on 24/03/20 2)Completed online course titled" Pygame" by GUVI on 24/03/20 3)Completed online course titled"AWS" by GUVI on 25/03/20 4)Completed online course titled "Project Management" by GUVI on 25/03/20
GHATHYAJINIE M	1)Completed online course titled "Autocad" by GUVI on 23/03/20 2)Completed online course titled"AWS" by TCS on 28/03/20 3)Completed online course titled" C programming by TCS on 30/03/20
GNANESHWARAN B	Completed online course titled "Carrier edge-knockdown the lockdown" byb TCS on 24/4/20
HARI KRISHAN R	Completed online course titled "Machine learning and CAD" by GUVI 24/03/20 & 31/03/20
HARINI P	Completed online course titled "AutoCAD" by GUVI 24/03/20
SUNKARA GEETHA PRASANNA	Completed online course titled "Microsoft Excel from scratch" by Udemy 05/04/20

		HERENA JOSHIKA A S	1)Completed online course titled "Web Development "conducted by eduonix 2) Completed online course titled "Machine Learning" conducted by mathworks 3) Completed online course titled "Introduction to IOT" conducted by cisco 4) Completed online course titled" Stepathon English communication"conducted by Step 5)Completed online course titled"Ongoing class in RPA" conducted by automation anywhere 6)Completed online course titled "Ongoing class in web development" conducted by shaw academy 7)Completed online course titled "Deep Learning" conducted by mathworks
		PRIYADHARSHINI .N	1) Completed online course titled "UI/UX designing" by cursa 2) Completed online course titled "Learn to build chatbots with dialogflow" by udemy 3.)Completed online course titled "HTML by codeliber"
		ISWARYA.B	1)Completed online course titled "Ardino by Paul McWhorter" conducted by Cursa 2)Completed online course titled "Excel in Great Learning"
		Maria Arul Jeffrey P	1)Completed online course titled " Machine learning" by Guvi 2)Completed online course titled "Python "by Guvi 3)Completed online course titled "My SQL " by Guvi 4)Completed online course titled "Game development using python " by Guvi 5)Completed online course titled"Step into Robotic process Automation" by Guvi 6)Completed online course titled "Web

			developt" conducted by Eduonix 7)Completed online course titled "Hacker and Pen tester"conducted by Eduonix 8)Completed online course titled "Abode Illustrator" by Eduonix 9)Completed online course titled "VFX and Virtual Reality" by Eduonix 10)Completed online course titled "Cyber security" by Cursa 11)Completed online course titled "Arduino Lessons" by Cursa 12)Completed online course titled "Home worong and Electrical" by Cursa 13)Completed online course titled " Logical Reasoning" by Cursa 14)Completed online course titled " Nanoelectronics" by Cursa 15)Completed online course titled" Software testing by Cursa
		NAVARASU M	1)Completed online course titled "Automotive engine" by free engineering course1 2)Completed online course titled "Step into robotic process automation" 3)Completed online course titled "web development for beginners" by learner code academy 4) Completed online course titled "power point for beginners" by power point channel
		Janani. T	1)Completed online course titled "Autocad" by Guvi 2)Completed online course titled "HTML&CSS " by Guvi 3)Completed online course titled "Powerb"i by Guvi 4)Completed online course titled "Python 3.7" by Udemy

		5)Completed online course titled "Web development" by Eduonix
	PRANEET.S	1)Completed online course titled "Ardino by Paul McWhorter" in Cursa 2)Completed online course titled "C++ course conducted by Sololearn 3)Completed online course titled "Learn to build chatbots with dialogflow" conducted by udemy
	NAVEEN R C	1)Completed online course titled "Web development "conducted by Eduonix 2)Completed online course titled "Machine learning" conducted by Mathworks 3)Completed online course titled "Introduction to IOT" conducted by cisco
	PAVITHRA.TM	1)Completed online course titled "Web development "conducted by Eduonix 2)Completed online course titled "Game development using pygame" conducted by Guvi 3)Completed online course titled "Step into robotic process automation" conducted by Guvi 4)Completed online course titled "Guviwhite hacker and pen tester" conducted by Eduonix 5)Completed online course titled "C programming for beginners" by Udemy 6)Completed online course titled "Mastering interviewing skills"by Udemy 7)Completed online course titled "C++ course" by Udemy
	PREETHIPAN.J	1) Completed online course titled"Logical reasoning"by cursa 2) Completed online course titled "web development for beginners" by cursa

		KRISHAA.P.R	1)Completed online course titled "Python 3" by sololearn 2)Completed online course titled "Tcsion - knockdown the lockdown" 3)Completed online course titled "AWS by Guvi 4)Completed online course titled "French" by Cursa
		Ramesh S M	1)Completed online course titled "Deep web" conducted by Udemy 2)Completed online course titled "Java script" conducted by Udemy
		Ram karthick K	1)Completed online course titled "C PROGRAMMING" conducted by Udemy 2)Completed online course titled "CAREER EDGE" conducted by TCS, 3)Completed online course titled "WORD PRESS" conducted by GUVI
		Ramkumar S	1)Completed online course titled "C PROGRAMMING" conducted by Udemy 2)Completed online course titled "PYTHON " conducted by TCS, 3)Completed online course titled "POWER BI" conducted by GUVI 4)Completed online course titled "PYGAME" conducted by GUVI 5)Completed online course titled "MACHINE LEARNING" conducted by GUVI 6)Completed online course titled "HTML AND CSS" conducted by GUVI 7)Completed online course titled "PRODUCT MANAGEMENT AND INTERVIEW PREPARATION" conducted by GUVI 8)Completed online course titled "CAREER EDGE" conducted by GUVI

		Refayee farith K	1)Completed online course on "PYGAME" conducted by GUVI 2)Completed online course on "MACHINE LEARNING" conducted by GUVI 3)Completed online course on "automation in robotics" conducted by GUVI 4)Completed online course on "English" conducted by GUVI 5)Completed online course on "engine studies in electrical" conducted by GUVI 6)Completed online course on "deep learning of AI" conducted by GUVI 7)Completed online course on "azure" conducted by GUVI 8)Completed online course on "Angular" conducted by GUVI 9)Completed online course on "TQM" conducted by GUVI 10)Completed online course on "interview management" conducted by GUVI 11)Completed online course on "engine studies in electrical" conducted by GUVI
		Revanth K S	1)Completed online course on "C++" conducted by Udemy 2)Completed online course on "Javascript" conducted by Udemy 3)Completed online course on "Webdesign" conducted by Udemy
		Rohanraj R	Completed 15 days online course on "TCS Ion career development"
		Rosario sridish M	1)Completed online course on "Python" conducted by Udemy 2)Completed online course on "Machines" conducted by Udemy

		Saranarayanan S	Completed online course on "PYGAME" conducted by GUVI Completed 15 days online course on "TCS Ion career development" Completed online course on "WordPress" conducted by Udemy
		Sasikkumar B	Completed online course on "Begineers of C class" conducted by Udemy
		Sathiya S	1)Completed online course titled "C PROGRAMMING" conducted by Udemy 2)Completed online course titled "C++" conducted by Udemy 3)Completed online course titled "JAVA" conducted by Udemy 4)Completed online course titled "PYTHON " conducted by GUVI, 5)Completed online course titled "POWER BI" conducted by GUVI 6)Completed online course titled "PYGAME" conducted by GUVI 7)Completed online course titled "MACHINE LEARNING" conducted by GUVI 8)Completed online course titled"azure" conducted by GUVI 9)Completed online course titled"Angular" conducted by GUVI 10)Completed online course titled"TQM" conducted by GUVI
		Sharan R	1)Completed online course titled "Deep Learning" conducted by MATHWORKS 2)Completed online course titled "MATHLAB SIMULINK" conducted by MATHWORKS 3)Completed online course titled "MATHLAB ONRAMP"conducted by MATHWORKS 4)Completed online course titled "TCSION CARRIER DEVELOPMENT " conducted by

			TCS
		Shree pranuv S	1)Completed online course on "Java script" conducted by Udemy 2)Completed online course on "Excel" conducted by Udemy 3)Completed online course on "Web design" conducted by Shaw
		Sivabalan M	1)Completed online course on "Pygame" conducted by GUVI 2)Completed online course on "WordPress" conducted by Udemy
		Siva sankar V	1)Completed online course on "C programming" conducted by GUVI 2)Completed online course on "white hacker" conducted by eudonix
		Smirutha T A	1)Completed online course titled "PHP&MySQL" conducted by Udemy 2)Completed online course titled "python" conducted by Udemy 3)Completed online course titled "HTML&CSS" conducted by Udemy 4)Completed online course titled "Javascript " conducted by Udemy 5)Completed online course titled "product management and interview preparation" conducted by Udemy
		Sonali V M	1)Completed online course titled "Java script" conducted by Udemy 2)Completed online course titled "Python" conducted by Udemy 3)Completed online course titled "Product management" conducted by Udemy

		Sribalaji S	1)Completed online course titled "Machine Learning" conducted by Udemy 2)Completed online course titled "Wordpress" conducted by Udemy 3)Completed online course titled "power bi," conducted by GUVI 4)Completed online course titled "game development using pygame " conducted by GUVI 5)Completed online course titled "career edgeTCS ion" conducted by TCS
		Sriram A	1)Completed online course titled "TCS ion Career Edge" conducted by TCS 2)Completed online course titled "Wordpress" conducted by Udemy 3)Completed online course titled "Pygame,," conducted by GUVI 4)Completed online course titled "MatLab On Ramp " conducted by Mathworks
		Surendhran V	1)Completed online course titled "PYTHON " conducted by GUVI, 2)Completed online course titled "POWER BI" conducted by GUVI 3)Completed online course titled "PYGAME" conducted by GUVI 4)Completed online course titled"azure" conducted by GUVI 5)Completed online course titled"Angular" conducted by GUVI 6)Completed online course titled"TQM" conducted by GUVI

		Suriya priyan R	1)Completed online course titled "POWER BI" conducted by GUVI 2)Completed online course titled "PYGAME" conducted by GUVI 3)Completed online course titled "MACHINE LEARNING USING PHYTON" conducted by GUVI 4)Completed online course titled"Master Network & Network Scanning" conducted by Udemy 5)Completed online course titled"Social Media and Network," conducted by Udemy 6)Completed online course titled"AWS" conducted by Udemy 7)Completed online course titled"Game development" conducted by GUVI 8)Completed online course titled"Product management" conducted by GUVI 9)Completed online course titled"Internet and Web Development" conducted by Skyfilabs
		Swetha M	1)Completed online course titled "TCS ion career edge" conducted by TCS. 2) Completed online course titled "C programming" conducted by Udemy.
		Theerthana S	1)Completed online course titled "TCS ion career edge" conducted by TCS. 2) Completed online course titled "Word press" conducted by Udemy.
		Thirumurugan S	1)Completed online course titled "Deep learning" conducted by GUVI. 2) Completed online course titled "Java" conducted by GUVI. 3)Completed online course titled " Machine learning" conducted by GUVI. 4)Completed online course on "Excel" conducted by Udemy.

		5)Completed online course on "Java script "conducted by Udemy. 6)Completed online course on "Career edge" conducted by TCS
	Umaabharathi S	Completed online course titled "TCS ion career edge" conducted by TCS.
	Vedhanayaki V R	Completed online course titled "TCS ion career edge" conducted by TCS.
	Veeramani K	1)Completed online course titled"azure" conducted by GUVI 2)Completed online course titled"Angular" conducted by GUVI 3)Completed online course titled"PowerBi" conducted by GUVI 4)Completed online course titled"Pygame" conducted by GUVI 5)Completed online course titled"Machine Learning OnRampr" conducted by Mathworks 6)Completed online course titled"MATLAB"conducted by Mathworks
	Velan M	1)Completed online course titled " Machine learning" conducted by Udemy 2)Completed online course titled " Pygame" conducted by Udemy 3)Completed online course titled "TCS ion career edge" conducted by TCS.
	Vignesh R	1)Completed online course titled " Deep learning" conducted by Udemy 2)Completed online course titled " Javascript" conducted by Udemy 3)Completed online course titled "TCS ion career edge" conducted by TCS. 4)Completed online course titled"excel"

			conducted by GUVI
		Vijaya varshini K	1)Completed online course titled "TCS ion career edge" conducted by TCS 2)Completed online course on "WordPress" conducted by Udemy 3)Completed online course on "Chatbots with dialogflow" conducted by Udemy 4)Completed online course on "Java" conducted by GUVI 5)Completed online course on "MySQL" conducted by GUVI
		Yushwanth M	1)Completed online course titled "Game development using pygame" conducted by GUVI 2)Completed online course titled "Step into robotic process automation" conducted by GUVI 3)Completed online course titled "Deep learning with python" conducted by GUVI 4)Completed online course titled "python for machine learning " conducted by Udemy, 5)Completed online course titled "Cloud computing" conducted by Udemy, 6)Completed online course titled "Cyber security by packethacks" conducted by Udemy, 7)Completed online course titled "Java by techlando" conducted by Cursa 8)Completed online course titled"Business english courses by BED" conducted by Cursa 9)Completed online course titled"Wordpress for biginerss" conducted by Great learning 10)Completed online course titled"Career edge TCSion" conducted by TCS

		Varalakshmi JVVS	1)Completed online course titled "GAME DEVELOPMENT USING PYGAME" conducted by GUVI 2)Completed online course titled "C-PROGRAMMING,," conducted by GUVI 3)Completed online course titled "POWER BI" conducted by GUVI 4)Completed online course titled "PRODUCT MANAGEMENT INTERVIEW PREPARATION" conducted by Udemy 5)Completed online course titled "ANGULAR" conducted by GUVI 6)Completed online course titled "MACHINE LEARNING" conducted by GUVI
		MEENU PREETHI	Completed online course titled "Career Edge-Knockdown the Lockdown" conducted by TCS iON during 22/04/2020 to 30/04/2020
		MEGA SHIVANI	Completed one month online course on"Machine Learning" conducted by TATA STEEL
		HARI RAJAN	Completed online course on "Micro controller Embedded C Programming" on 29/04/2020
		NANDHINI	Completed three month online course on"Full Stack Development" conducted by IBM
		RAMYA RAJA LAKSHMI P	Completed 1 week online course on "AWS" conducted by GUVI
		SOWMIYA MARIKUMAR	1)Completed online course titled"Interview Skills" conducted by TCS iON on 11/04/2020 to 14/04/2020 2)Completed online course titled "Career Edge-Knockdown the Lockdown" conducted by TCS iON during 07/04/2020 to 28/04/2020
		SRINIDHI R	Completed online course titled"Step into Robotic Process Automation" conducted by GUVI
		VIDHYADARAN R	Completed online course titled "Career Edge-

	Knockdown the Lockdown" conducted by TCS iON during 07/04/2020 to 28/04/2020

DEPARTMENT OF MATHEMATICS AND ENGLISH

Events	Remarks
	<table><tr><th>S. No</th><th>Name of the Staff</th><th>Topic Name</th><th>Date / No of Days</th><th>Organized by</th></tr><tr><td>1.</td><td>Dr.V. Premalatha</td><td>Mathematics of Industry 4.0</td><td>3 Days 27.04.2020 to 29.04.2020</td><td>SRM Institute Of Science and Technology, Ramapuram</td></tr></table>
	<table><tr><th>S. No</th><th>Name of the Staff</th><th>Topic Name</th><th>Date</th><th>Organized by</th></tr><tr><td>1.</td><td>Dr. Geetha</td><td>Effect of Digital Profiles in Emerging Job Market</td><td>29-04-2020</td><td>Make -IT Academy</td></tr></table>
Symposium	-
STTP	-

Value added Courses/ Courses other than VAC

ONLINE COURSE

S. No	Name of the Student	Branch	Course Name	Date	Organized by
1.	Ashwin Thampi	Chemical	Knockdown the Lockdown	15-04-2020	TCS -iON
		Chemical	Interview Skills	16-04-2020	TCS -iON

ONLINE WORKSHOP

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S. No	Name of the Student	Branch	Workshop Name	Date	Organized by
1.	Ganesan	MECH	Android App Development workshop	15-04-2020	Kyrion Technologies Pvt. Ltd.
			Python Programming workshop	18-04-2020	
			Machine Learning workshop	24-04-2020	
			Fusion 360-10 hours online training program	26-04-2020 to 27-04-2020	ESSI HunarPro Skilling
			Ethical Hacking workshop	29-04-2020	Kyrion Technologies Pvt. Ltd.

Competitions attended by students

S. No	Name of the Student	Branch	Name of the Quiz	Date	Organized by
1.	Anush Niranchan.A	IT	Self-paced course work	13-04-2020	GCF Learnfree.org
2	Ashwin Thampi	Chemical	General Awareness	26-04-2020	Chandigarh Group of Colleges, Mohali
3	Ayana Treesa Raj	Chemical			Neotech faculty of Diploma Engineering
4	Surya Mol C S	Chemical			Neo Tech Campus, Vadadora
5	Harini	CSE	Online Quiz	26-04-2020	Neotech faculty of Diploma Engineering
6	Beautsmin A	CSE	Online Quiz	26-04-2020	B. S Abdur Rahman Crescent Institute of Science and technology

S. No	Name of the Student	Branch	Name of the Quiz	Date	Organized by
1.	Ganesan	MECH	Ethical Hacking	30-04-2020	Kyrion Technologies Pvt. Ltd.
			Electric Vehicles-Opportunities	30-04-2020	Karpaga Vinayaga of Engineering and Technology
2	Domnic Sam Cardoza R	MECH	Wind Turbine Blade Using CFD	28-04-2020	Karpaga Vinayaga of Engineering and Technology
			Electric Vehicles-Opportunities	30-04-2020	

S. No	Name of the Student	Branch	Name of the Quiz	Date	Organized by
1.	Ganesan	MECH	Ethical Hacking	30-04-2020	Kyrion Technologies Pvt. Ltd.
			Electric Vehicles-Opportunities	30-04-2020	Karpaga Vinayaga of Engineering and Technology,

Awards/Prize won by students

S. No	Name of the Student	Branch	Name of the Quiz	Date	Organized by	Result
1.	Anush Niranchan.A	IT	Self-paced course work	13-04-2020	GCF Learnfree.org	Completed 86%

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. Publications:
The following staff members have published their research papers during the month of April 2020 in the various international/national journal/conferences.

S. No.	Name of the Staff	Title of the Publication	Journal/Conference Details	Date and Year of Publication
1	Dr.B.Vasudevan	Water Monitoring System using Unmanned Surface Vehicle	International Journal of Innovative Technology and Exploring Engineering	April 2020
2	Dr.S.Vinayagapriya	A Highly accurate and fast identification of forest fire based on Supervised Multi Model Image Classification Algorithm (SMICA)	Journal of Critical Reviews	13.04.2020

2. Faculty Development Program/Workshop attended by the Staff:
The following staff members have attended the faculty development program/workshop held during the month of April 2020 at National/International Level

S.No.	Name of the Staff	Title of ONLINE Faculty Development Program/Workshop Attended	Dates
1	Dr.R.Avudaiammal	IIRS/SRO on - line course on "Basics Principles of Remote Sensing Technology"	13.04.2020 - 25.04.2020
2	Dr.A.Swarnalatha		
3	Dr.Shirley Selvan		
4	Mrs.P.Elaveni		
5	Dr.R.Niruban		
6	Dr.I.Johnsi Stella	Advanced Simulation Tools for Electronics Engineers	27.04.2020 - 01.05.2020
7	Mrs.G.Anitha	FDP on the topic of "IOT"	20.04.2020 - 24.04.2020
8	Dr.D.Lakshmi	Medical Image Analysis- AICTE Approved NPTEL Course	24.04.2020 to 25.04.2020

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Sl. No.	Event Details	Remarks
1	Webinar on "Introduction to UI Designing"	Date : 11.04.2020 Venue : Online Nature of Programme : Webinar Number of participants : 60 Resource Persons : Aswin Kumar, IEEE Organizer : IEEE Office bearer **Objective:** To enlighten the basics of UI and the goal of user interface design is to make the user's interaction as simple and efficient as possible, in terms of accomplishing user goals (user-centered design). **Outcome:** Around 60 students from various colleges are participated and the students understands the importance and the role of UI design on software development process
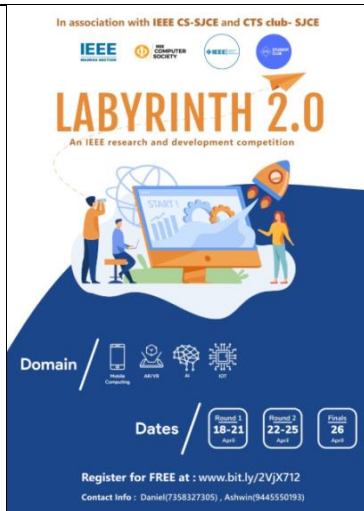
 Labyrinth 2.0" an Idea contest	Date : 18.04.2020 to 25.04.2020 Venue : Online Nature of Programme : An Idea Contest Organizer: IEEE Office bearers **Objective:** To focus the technical prowess and R&D skills of individuals with the influx of new technologies like artificial intelligence, machine learning, bots, etc. that are still not a part of the educational curriculum, to provide the platform for people interested in these new-age technologies to demonstrate their talent and get a chance to work on them. **Outcome:** From the several number of team registration, shortlisted 15 teams. Among the 15 teams further selected three teams based on the technology and the feasibility. This event provides a platform for the student think innovate.
"GraphicPen.PSD" – An Adobe Photoshop event	Date : 30.04.2020 **Venue :** Online Nature of Event : Editing pictures Organizer : IEEE Office bearer **Objective:** To focus on the ability of the students to perform editing in the pictures by morphing of pictures with their creative ideas by including number of effects like color splash, double exposure, etc. **Outcome:** More than 100 participants from various colleges across India, have registered and participated in this event. The topic given was "HOPE" which is an expected feeling by every citizen being in quarantine. We identified three best designer and honored with certificates
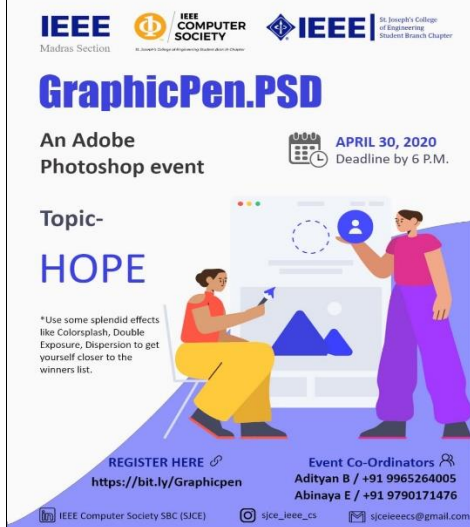
DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

Sl. No.	Photographs Captured During Events	Remarks
1	**Online FDP NITTTR** 	**Dates: 9 to 13, 20 to 24 April 2020** **Organiser: NITTTR, Chandigarh** **Event: FDP on NN and CNN** **Objective: To learn neural networks** **No of participant : 4**
2	**Online FDP NITTTR** 	**Dates: 15 to 19 April 2020** **Organiser: NITTTR, Chandigarh** **Event: FDP on Internet of things** **Objective: To learn Internet of things** **No of participant : 1**

3	**ONLINE COURSE**	**Date: 18,19,20 April 2020**
		Event: Electric solar vehicle project
		Organizer: ISIE India
		Objective: To learn procedure for solar vehicle project
		No of participant: 01
4	**E learning**	**Conducted by: E learning college**
		No. of Participants : 1 **Date: 31-12-2019 to 21-4-2020** **Objective: Cyber security**

4	E learning	Conducted by: E learning college No. of Participants : 1 Date: 31-12-2019 to 21-4-2020 Objective: Event Management
	Confirmation of Course Completion	

DEPARTMENT OF INFORMATION TECHNOLOGY

Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution				
1	Certificate from CMR Technical Campus in association with Indian Servers	**Online FDP Attended by Faculty**				
		S. No.	Title of the topic	Name of the Staff	Conducted By	Date
		1.	Online FDP on Cyber Attacks	G. Lathaselvi Dr. Lilly Raamesh Dr. V. Muthulakshmi Dr. M. Anbu Dr. C. Heltin Genitha Dr. A Tamizhselvi Dr. C. J. Raman S. Ancy	CMR Technical Campus in association with Indian Servers	19-04-2020

Certificate Vels Institute of

			Ms. Kripa Sekaran		
			J. Thresa Jeniffer		
			S. Anitha		
	2.	Online FDP on Cyber Forensics	S. Anitha	Kalasalingam Academy of Research and education in association with Indian Servers	15-04-2020
			Dr. P. Kalaivani		
			J. Thresa Jeniffer		
			M. Raja Mohamed		
	3.	Online FDP on Cyber Security	Dr. Lilly Raamesh	Vels Institute of Science, Technology and Advanced Studies in association with Indian Servers	20-04-2020
			Dr. V. Muthulakshmi		
			J. Thresa Jeniffer		
			Dr.C. Heltin Genitha		
			S. Anitha		
			S. Ancy		
			Dr. A Tamizhselvi		
			Dr. D. Logeshwari		

Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution
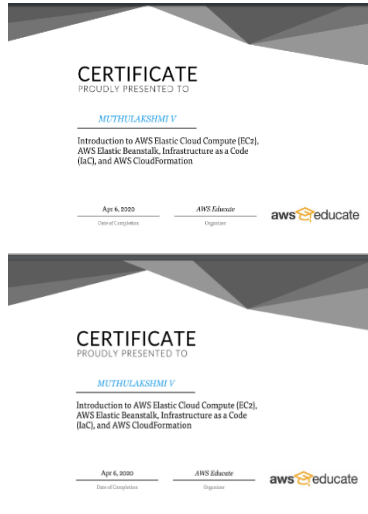
2	Certificates from AWS Educate Certificates from Atal Incubation Centre-Pondicherry Engineering College	Webinar Attended by Faculty			
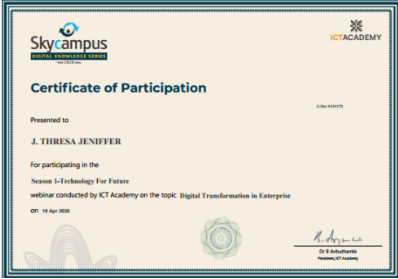
Webinar Attended by Faculty

S. No.	Title of the topic	Name of the Staff	Conducted By	Date
1.	Introduction to AWS Elastic Cloud Compute (EC2) AWS Elastic Beanstalk, Infrastructure as a Code (IaC) and AWS Cloud Formation	Dr. V. Muthulakshmi	AWS Educate	6/04/2020
	Introduction to Serverless Computing on AWS			9/04/2020
	Cloud 101: An Introduction to Cloud Computing			16/04/2020
2.	How to Conduct Online Class to Students	G. Lathaselvi	Atal Incubation Centre-Pondicherry Engineering College	08/04/2020
		Dr. A.Tamizhselvi		
		Dr. L. Sherly Pushpa Annabel		
		J. Divya		
3.	Future of AI Inspired by Customer Use Cases for AI-ML	Dr. V. Muthulakshmi	ICT Academy, Sky Campus Digital Knowledge Series	9/04/2020
		G. Lathaselvi		
		Dr. S. Sumathi		
		Dr. S. Duraimurugan		
		K. Priyadharsini		
		G. Manikandan		
		Dr.M. Esther Hannah		
		J. Thresa Jeniffer		
		P. Thilakavathy		
		K. Suresh		

Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution

| 2 |

Certificates from ICT Academy, Sky Campus Digital Knowledge Series | **Webinar Attended by Faculty** |

S. No.	Title of the topic	Name of the Staff	Conducted By	Date
4.	Design Thinking - Preparing the mind for disruption	Dr. V. Muthulakshmi Dr. A.Tamizhselvi Dr. S. Sumathi K. Priyadharsini Dr.M. Esther Hannah J. Thresa Jeniffer	ICT Academy, Sky Campus Digital Knowledge Series	17/04/2020
5.	Digital Transformation in Enterprise	Dr. V. Muthulakshmi Dr. S. Sumathi K. Priyadharsini Dr.M. Esther Hannah J. Thresa Jeniffer		18/04/2020
6.	Virtual and Augmented Reality	Dr. P. Kalaivani Ms. Kripa Sekaran	S.A .Engineering College in association with Meticulous Academy of Xcellence (MAX)	22/04/2020
7.	Applications of Artificial Neural Network in Computational Biology	Dr. P. Kalaivani	IEEE Student Branch, Jeppiaar Engineering College	23/04/2020
8.	Transitioning to Online Learning	Dr. Lilly Raamesh	AWS Educate	24/04/2020

Sl. No.	**Photographs Captured During Events**	**Corresponding remarks in regarding the status of activity execution**

2	Certificate from S.A Engineering College in association with Meticulous Academy of Xcellence	**Webinar Attended by Faculty**			

S. No.	Title of the topic	Name of the Staff	Conducted By	Date
9.	Leading in a VUCA World, Day 1 - Opening Key Note Sessions (70 min)	Dr. P. Kalaivani K. Priyadharsini	ICT Academy, Sky Campus Digital Knowledge Series	20/04/2020
10.	Leading in a VUCA World, Day 2- Expert Sessions (70 mins)	Dr. P. Kalaivani K. Priyadharsini Dr. V. Muthulakshmi		21/04/2020
11.	Leading in a VUCA World, Day 4 - Expert Sessions (70 mins)			23/04/2020
12.	Leading in a VUCA World, Day 5 - Expert Sessions (70 mins)			24/04/2020
13.	Leading in a VUCA World, Day 3 - Expert Sessions (70 mins)	K. Priyadharsini Dr. V. Muthulakshmi		22/04/2020

Sl. No.	**Photographs Captured During Events**	**Corresponding remarks in regarding the status of activity execution**
3		**Online Course Attended by the Faculty**

Certificates received from online courses

S. No.	Course Name	Name of the Staff	Conducted By	Date of Exam
1.	Machine Learning 101	K. Suresh	GUVI	27.03.2020
	Python			28.03.2020
	C Programming			30.03.2020
	HTML &CSS, MY SQL			31.03.2020
2.	HTML Training	Dr. S. Sumathi	Spoken Tutorial Project, IIT Bombay, B.S Abdur Rahman Crescent Institute of Science and Technology	24.04.2020
		R. Deepa		
		G. Lathaselvi		
		Dr. Lilly Raamesh		
		Dr. L. Sherly Puspha Annabel		
		K. Priyadharsini		
		P. Thilakavathy		
		J.Divya		
3.	Introduction to R	K. Suresh	Great Learning Academy	18.04.2020
	Machine Learning Foundations	Dr. S. Duraimurugan		19.04.2020
	Python for Machine Learning	G. Manikandan		16.04.2020
4.	Advance Microsoft Excel, MS Office, Machine Learning	Dr. S. Duraimurugan	TATA STEEL	15.04.2020
		K. Suresh		
		G. Manikandan		
	Object Oriented Design	Dr. S. Duraimurugan	Course Era	04.04.2020
	C Programming			28.03.2020
	HTML &CSS, Python, MYSQL		GUVI	30.03.2020
	JAVA			31.03.2020
	DL #101			27.03.2020

Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution (Staff and Student Publication)
4	International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST) **SMART HOSPITAL MANAGEMENT WITH HEALTHCARE MONITORING AND WORKFLOW OPTIMIZATION** Dr. Esther Hannah[1], Niha Fathima[2] and R.Niveditha [3] [1] Professor at Department of Information Technology, St. Joseph's College of Engineering, Sholinganallur, Chennai, TN, India Email: hannnieo@yahoo.com [2] Department of Information Technology, St. Joseph's College of Engineering, Sholinganallur, Chennai, TN, India Email: nihaworld@gmail.com [3] Department of Information Technology, St. Joseph's College of Engineering, Sholinganallur, Chennai, TN, India Email: niniranji@gmail.com **Dr. Esther Hannah et al.,** published a paper in "International Journal of Engineering and Advanced Technology"	**Dr.EstherHannah**, Niha Fathima, R. Niveditha, "Smart Hospital Management with Healthcare Monitoring and Workflow Optimization", International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST), Vol.6, No. 3, pp. 25-30, E-ISSN:2456-5717, March 2020 **Abstract:** In this paper, we discuss the approach of a realworld scenario of smart autonomous hospital management integrated with the IoT. However, integration is not a trivial feature when dealing with a variety of electronic systems and healthcare components. This project aims at explaining in detail the technology drivers behind the IoT and health care with the information on system architecture, system implementation, workflow or the process flow behind the technical operations of the remote device coordination, the architecture of the network, middleware, databases, application services. With the rapid development of the mobile Internet, Internet of Things (IoT), and wearable devices, health monitoring has shown an intelligent trend in recent years. Many hospitals have already made use of mobile phone apps for appointment registration, inquiring electronic medical records, and examination results. A possibilistic algorithmic approach is propounded to find solutions to the multi-objective problem and an illustration is also enumerated.
	The Journal of Research on the Lepidoptera The Lepidoptera Research Foundation, April 2020 Volume 51 (2): 153-169 ISSN 0022-4324 (print) ISSN 2156-5457 (online) **Disaster Recovery Management Using Crowdsourced Analysis** A. TAMIZHSELVI[1], J. LIJU ANTON[2], A.L. THILAK[3] AND A. VINOTH[4] [1]Associate Professor, Department of IT, St. Joseph's College of Engineering, Chennai. [2]Department of IT, St. Joseph's College of Engineering, Chennai. [3]Department of IT, St. Joseph's College of Engineering, Chennai. [4]Department of IT, St. Joseph's College of Engineering, Chennai. [1]atamizhselvi@gmail.com, [2]blackdeathanton@gmail.com, [3]thilakal9299@gmail.com, [4]vinotharjun@hotmail.com **Abstract.** Alongside the persistent rise in global temperatures due to climate change, intensive weather events are more likely to increase in severity and incidence. Measures and initiatives to mitigate the effects of these disasters may, however, be enforced. Until a few years ago, the informal and often haphazard crowdsourced disaster response is becoming more coordinated and accepted and incorporated into relief operations by official humanitarian organizations. Due to the emergence of online mapping tools, the escalation of social networks like Twitter and Facebook, and the proliferation of mobile phones, volunteer efforts have been increased to a much greater extend. The paper's goal is to raise the consciousness of people and communities in catastrophes by enabling them to send and receive geolocated real-time updates bolstered by digital information, such as photos or videos of emergencies. In turn, calamity managers will be able to circulatedecisive data and indications, among emergency operators and townsman to adopt alleviating measures suitable to abate the impact of hazardous events. **A. Tamizhselvi et al.,** published a paper in "The Journal of Research on the Lepidoptera"	**A. Tamizhselvi**, J. Liju Anton, A.L. Thilak, A. Vinoth, "Disaster Recovery Management Using Crowdsourced Analysis", The Journal of Research on the Lepidoptera The Lepidoptera Research Foundation, Vol. 51, No. 2, pp. 153-169, Print ISSN: 0022-4324, E-ISSN 2156-5457, DOI: 10.36872/LEPI/V51I2/301085, April 2020. **WOS & Scopus Indexed Journal, SJR Impact Factor: 0.11, Journal H index: 2** **Abstract:** Alongside the persistent rise in global temperatures due to climate change, intensive weather events are more likely to increase in severity and incidence. Measures and initiatives to mitigate the effects of these disasters may, however, be enforced. Until a few years ago, the informal and often haphazard crowdsourced disaster response is becoming more coordinated and accepted and incorporated into relief operations by official humanitarian organizations. Due to the emergence of online mapping tools, the escalation of social networks like Twitter and Facebook, and the proliferation of mobile phones, volunteer efforts have been increased to a much greater extend. The paper's goal is to raise the consciousness of people and communities in catastrophes by enabling them to send and receive geolocated real-time updates bolstered by digital information, such as photos or videos of emergencies. In turn, calamity managers will be able to

Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution (Staff Publication)
		circulate decisive data and indications, among emergency operators and townsman to adopt alleviating measures suitable to abate the impact of hazardous events.

Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution (Staff Publication)
4	 **G. Maikandan** published a paper in **"**International Journal of Engineering and Advanced Technology"	**G. Manikandan**, U. Sakthi, "Efficient key Management System using Channel Response in Wireless Sensor Network", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Vo. 8, No. 6, pp. 4709-4717, DOI: 10.35940/ijrte.F9494.038620, (Published By: Blue Eyes Intelligence Engineering & Sciences Publication), March 2020. **Scopus Indexed Journal** https://www.ijrte.org/wp-content/uploads/papers/v8i6/F9530038620.pdf **Abstract:** The importance of key management gets highlighted when the network gets scaled up without the availability of enough resources and new kind of threats in the form of node capture emerge. In this regard, a novel key generation algorithm has been proposed in this paper using channel response technique, where the data hops from one channel to another in its transit from the source node to the destination node securing it from attacks. The Leap and Stop algorithm has been applied for channel hopping thus ensuring that the data traverses only for a small duration in each channel before hopping to the other channel. The channel hopping technique minimizes the probability of attack since before an active channel could be successfully predicted by the attacker, it becomes inactive and another channel gets activated. This channel hopping process continues till data reaches the destination safely without getting corrupted. The proposed approach had been compared for its efficiency and performance with Secure Key Generation using Frequency Selective Channels (SKGFSC) protocol and the results had been shown therewith.

Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution

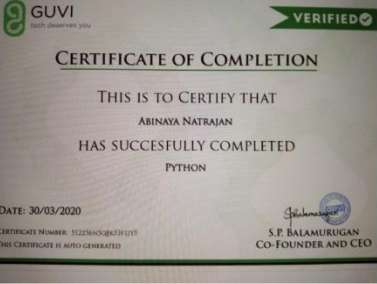| 5 | **Best Performing 10 Colleges**

| Sno | College Name | Mar Points | Apr Task Points (100) | Quality of Task Points (100) | Monthly Report (30) | Bonus Points (30) | Initiatives (100) | Total | Rank |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Sathyabama IST | 1480 | 60 | 50 | 30 | 30 | 40 | 1690 | 1 |
| 2 | St.Joseph College of Engineering | 1360 | 80 | 75 | 30 | 30 | 65 | 1640 | 2 |
| 3 | Velammal Engineering College | 1455 | 50 | 40 | 30 | 30 | 34 | 1639 | 3 |
| 4 | RMD Engineering College | 1435 | 60 | 40 | 30 | 30 | 40 | 1635 | 4 |
| 5 | RMK College of Engg & Tech | 1435 | 40 | 40 | 30 | 30 | 30 | 1605 | 5 |
| 6 | RMK Engineering College | 1385 | 60 | 50 | 30 | 30 | 40 | 1595 | 6 |
| 7 | St.Joseph's Institute of Tech | 1385 | 50 | 50 | 30 | 30 | 35 | 1580 | 7 |
| 8 | Sri Venkateswara College of Engg | 1395 | 50 | 40 | 30 | 30 | 35 | 1580 | 7 |
| 9 | Meenakshi Sundararajan College | 1385 | 40 | 40 | 30 | 30 | 30 | 1555 | 8 |
| 10 | SCSVMV IST | 1360 | 50 | 45 | 30 | 30 | 35 | 1550 | 9 |
| 11 | Velammal Institute of Tech | 1240 | 50 | 40 | 30 | 30 | 35 | 1425 | 10 | | **CTS CUB ACTIVITIES**

Our College have been ranked **Second place** in the list of Best performing Colleges

III year IT student **Nivethitha.M** have been crowned **as best mentor of this month** for her overwhelming responses for all tasks and for her coordination with the students during lockdown

About 15 students from IT department involved in all 23 events like Usecase Design Contest, Leveraging Online Tools, Web Page Designing, Complete The Statement to get the Output, Code Combat, Remote Project Development, etc. |
| **Sl. No.** | **Photographs Captured During Events** | **Corresponding remarks in regarding the status of activity execution** |

6	 **Suhitha. T participated in IEEE Online Event**	**Chapter Activities** **5 students of IT department** participated in CONNEXIONS" - an online event conducted under the IEEE - Robotics & Automation Society of St. Joseph's College of Engineering on April 10,2020 **4 students in connections and 1 in circuit debugging**
7	 Online Certification by Students	**Online Certification by students** **44 students of III year IT** have done about **54 online courses** and **37 students of II year IT** have done about **46 online courses** and received certificates from various learning platforms such as Guvi, Coursera, Udemy, TCS ION, LinkedIn etc.