



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.



JULY 2021

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. Events Organized:

i) GUEST LECTURE SERIES TALK #3

Report

St. JOSEPH'S COLLEGE OF ENGINEERING
(An Autonomous Institution)
St. Joseph's Group of Institutions
Jeppiaar Educational Trust
OMR, Chennai - 119.

Counselling Code: 1317

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Organizes
GUEST LECTURE SERIES - TALK : 03
(An Online series of talks in Emerging technologies and skills exclusively for ECE Students)
Trends & Opportunities in Autonomous Vehicles

Mr. Shyam Sundar
Senior Director
IAI Product Management
Faraday Future
Los Angeles, CA, USA

15th July 2021
10 a.m to 11.30 a.m
E-Certificates will be provided

Register here: <https://tinyurl.com/f7j2ecyw>

Chief Patron
Dr. B. Babu Manoharan, M.A., M.B.A., Ph.D.,
Chairman, St. Joseph's Group of Institutions

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Managing Director, St. Joseph's Group of Institutions
Dr. Vaddi Seshagiri Rao, M.E., M.B.A., Ph.D.,
Principal, St. Joseph's College of Engineering

Mr. B. Shaashi Sekar, M.Sc.,
Director, St. Joseph's Group of Institutions
Dr. B. Parvathavarthini, M.Sc., M.E., M.B.A., Ph.D.,
Dean (Research), St. Joseph's College of Engineering

Convenors
Dr. B. Victoria Jancee, M.E., Ph.D.,
HOD - Staff Affairs
Dr. S. Aghalya, M.E., Ph.D.,
HOD - Student Affairs
Dr. P. Ezhilarasi, M.E., Ph.D.,
HOD - Lab Affairs

Co-ordinators
Dr. J. Martin Leo Manickam, M.E., Ph.D.,
Professor
Mr. K. Venkatesan, M.E.,
Assistant Professor
Mrs. S. Devipriya M.E.,
Assistant Professor

For Admissions
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Contact: 9940104881 / 9940104882

The Department of Electronics and Communication Engineering, St. Joseph's College of Engineering, organized a Guest Lecture Series talk in which all the students of the Electronics and Communication Department participated and made the session a great success. Dr. J. Martin Leo Manickam, M.E., Ph.D., Mr. K. Venkatesan, M.E., and (Ph.D.) inaugurated the guest lecture, on behalf of ECE faculties. and Mrs. Devipriya, M.E. Dr. J. Martin Leo Manickam, Professor, ECE Department gave the welcome address and Mrs. Devipriya provided the citation of the invited speaker Mr. Shyam Sundhar senior director, Faraday Future, Los Angeles. Throughout the session, speaker has enlightened the students with design Implementations of Autonomous vehicle and How IoT and embedded systems are involved in the design of Automation. Shyam Sundhar made the students to understand the purpose and application of embedded systems, IoT, trends and its opportunities in Automobile Industry by stating out practical examples. . Finally, we collected feedback from our participants and it is observed that they have found the program to be useful

and informative.

ii) INTELECZIA

Report

St. JOSEPH'S COLLEGE OF ENGINEERING
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OMR, CHENNAI - 119
COUNSELLING CODE : 1317

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING PRESENTS
INTELECZIA
FOR THE STUDENTS OF
CLASS 8, 9, 10, 11, 12

Hawkeye
July 20, 2021
6 PM

Incognito
July 21, 2021
6 PM

Surfholio
July 22, 2021
6 PM

E- Certificates will be provided for all participants

FREE REGISTRATION
<https://forms.gle/DTyeyRMMegwnwDwB>

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Principal, St. Joseph's College of Engineering

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HOD - Staff Affairs
Dr. S. Aghalija, M.E., Ph.D.,
HOD - Student Affairs
Dr. P. Ezhilareal, M.E., Ph.D.,
HOD - Lab Affairs

CO-ORDINATORS
Mrs. R. Madhumitha, M.E., | Mrs. P. Elaveni, M.E.,
Assistant Professor

STUDENT CO-ORDINATORS
Ms. Shameem Fathima S | Ms. Ramya K
Ms. Safina Rahman G | Ms. Somashree U
For queries, contact 7358244538 / 960012505

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Inteleczia was a school event organized for the students of class 8, 9, 10, 11 and 12. The entire event was warmly welcomed by the student community all over from India. There were 182 participants totally from 49 different schools. They were from different states which are Tamil Nadu, Kerala, Delhi, Gujarat, Uttar Pradesh, Bihar and Jharkhand. The event was organized via Google meet platform from 20th July 2021 to 22nd July 2021 at 6:00 PM. The students were allowed to participate in multiple events. We have collected feedbacks from the students respectively. Then the competition was concluded by encouraging the participants to join in all the upcoming events of the college. The full event was monitored by the staff co-ordinators. Mrs. R. Madhumitha and Mrs. P. Elaveni of ECE department, St. Joseph's college of Engineering. Every participant was provided the participation certificate and the winners were given merit certificates according to their position.

2. Workshop/Certificate Course:

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

S.No	Name of the Staff	Title of the Course	Organization	Duration	Date of Completion
1.	Dr. I. Johnsi Stella	Reconfigurable Computing: FPGA based System Design	IITDM, Kanchipuram	5 days	5.07.2021 9.07.2021

3. FDP/STTP attended:

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

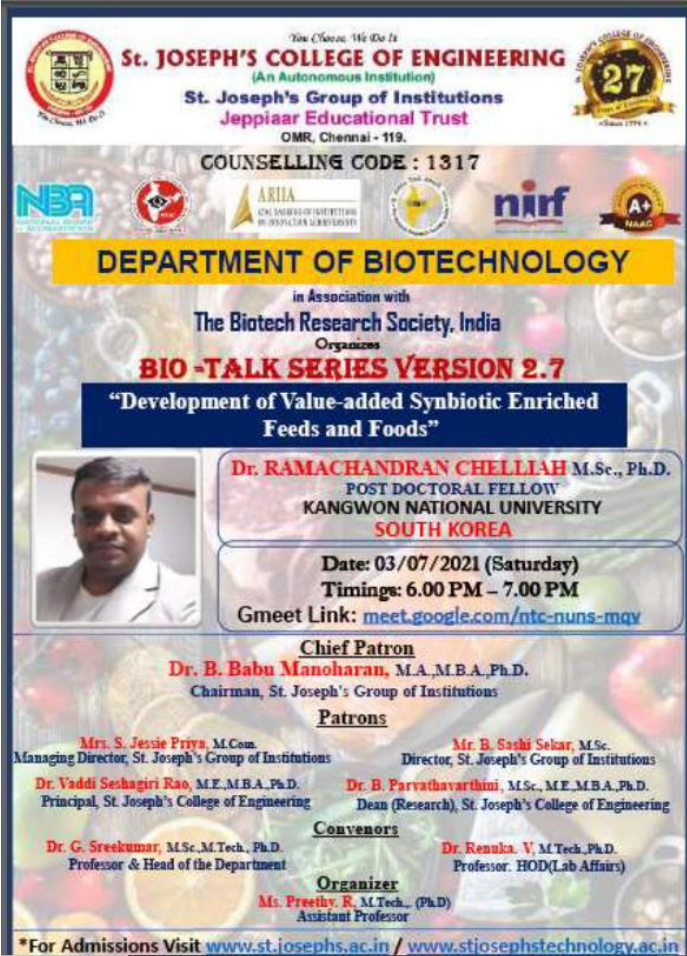
S.No	Name of the Staff	Title of the Course	Organization	Duration	Date of Completion
1.	Dr. B. Vasudevan	Emerging trends in Biomedical Instrumentation ETBI-2021	KL University, Vijayawada	6 days	28.06.2021 3.07.2021

4. Publications:

The following staff member have published the research papers during the month of July 2021 in Journal at International Level

S. No.	Name of the Author	Paper Title	Name of the Journal	Publication Details	Date of Publication
1.	<i>Dr. B. Vasudevan</i>	A 120 Mbps WDM based VLC system for implementation of Internet of Things	Journal of Optical Communication	Review Comments are considered and the article is resubmitted	

DEPARTMENT OF BIOTECHNOLOGY

S.No.	Title of the Events and Photographs	Details of the Event
1.	COLLABARATIVE QUALITY INITIATIVES WITH OTHER INSTITUTIONS	-
2.	INDUSTRIAL VISIT	-
3.	<p>GUEST LECTURE</p>  <p style="text-align: center;"><i>Copy of brochure – Biotalk Series 2.7</i></p>	<p style="text-align: center;">Bio-Talk Lecture - Version 2.7 TOPIC: Development of Value-added Synbiotic Enriched Feeds and Foods” Resource Person: Dr. Ramachandran Chelliah M.Sc., Organizer – Ms. K.R. Preethy</p> <p>The Department of Biotechnology, St. Joseph’s College of Engineering has organized webinar by the distinguished guest Dr. Ramachandran Chelliah on Bio-Talk Lecture - Version 2.7 on 3rd July, 2021 at 6:00 to 7:00 pm through online latform in Google meet. Dr. Ramachandran Chelliah works as Post-Doctoral Fellow, Kangwon National University, South Korea. The event was started with welcome address by the student organizer Mr. Alfred Francis, Department of Biotechnology and followed with Inaugural address by Convener Dr. G. Sreekumar, Professor & HOD, Department of Biotechnology. Student organizer Mr. Alfred Francis briefly introduced the speaker covering his academic achievements and career highlights. Dr. Ramachandran Chelliah session was very informative for students where he focused on insights of recent research highlights in the area of synbiotics, especially briefed on the development of prebiotics, its invivo antiobesity studies with safety assessments and its trial on various food products. He mentioned on the technology developments and achievements of enriched feeds and foods. He also focused on the quality assessments of developed products in south Korea. There were 70 students participated in this event from all the UG and PG batches of biotech department. This event was very enlightening for students, they have interacted with questions on probiotics and its efficacy. They were also clarified on the availability and source for symbiotic</p>

productions finally, the event ended with Vote of Thanks by **Ms. Preethy KR**, Assistant professor, Department of Biotechnology.

Bio-Talk Lecture - Version 2.8
TOPIC: “Mechanism of liver Injury and Regeneration”
Resource Person: Dr. Udayan Apte
Organizer – Ms. K.R. Preethy



Screen capture of Speaker Presentation

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DEPARTMENT OF BIOTECHNOLOGY
 in Association with
 The Biotech Research Society, India
BIO –TALK SERIES VERSION 2.8
MECHANISM OF LIVER INJURY AND REGENERATION

Dr.UDAYAN APTE, Ph.D., DABT
 Professor,
 University of Kansas Medical Centre,
 Kansas city ,
 U.S.A

DATE: 14-07-2021 (Wednesday)
TIME: 6.00 PM – 7.00 PM (IST)

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 Dr. B. Farvathavarthini, M.Sc., M.E., M.B.A., Ph.D. Dean (Research), St. Joseph's College of Engineering

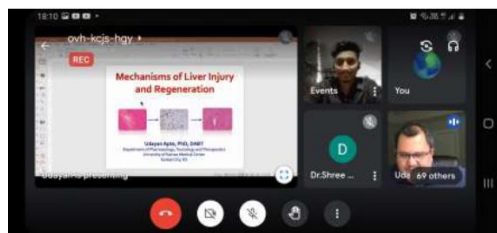
Organizer
 Dr. G. Sreekumar, M.Sc., M.Tech., Ph.D. Professor & Head of the Department
 Dr. Renuka V. M.Tech., Ph.D. Professor, HOD(Lab Affairs)
 Ms. Preethy KR, M.Tech., (Ph.D.) Assistant Professor

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The Department of Biotechnology, St. Joseph's College of Engineering has organized webinar by the distinguished guest Dr. Udayan Apte on Bio-Talk Lecture - Version 2.8 on 14th July, 2021 at 6:00 to 7:00 pm through online platform in Google meet. Dr. Udayan Apte works as Professor, Kansas University, USA. The event was started with welcome address by the student organizer Mr. Alfred Francis, Department of Biotechnology and followed with Inaugural address by Convener Dr. G. Sreekumar, Professor & HOD, Department of Biotechnology. Student organizer Mr. Alfred Francis briefly introduced the speaker covering his academic achievements and career highlights. Dr. Udayan Apte session was very informative for students where he focused on insights of recent research highlights in the area

of Liver regeneration, especially briefed on the development of mechanism of liver regeneration capacity as an effect drug dosage effects by paracetamol. He mentioned on the technology developments and achievements of EGFR based signal transduction on liver regeneration. He also focused on the receptor based study on mouse model on EGFR effects. There were 106 students participated in this event from all the UG and PG batches of biotech department. This event was very enlightening for students, they have interacted with questions on Liver toxicity, fatty liver concepts and its efficacy. They were also clarified on the availability and source for such model based analysis finally, the event ended with Vote of Thanks by Ms. Preethy KR, Assistant professor,

Copy of brochure – Biotalk Series 2.8



Screen capture of Speaker Presentation

A brochure for a biotechnology event. At the top, it says "St. JOSEPH'S COLLEGE OF ENGINEERING (An Autonomous Institution) St. Joseph's Group of Institutions Jeppiaar Educational Trust OMR, Chennai - 119". It lists accreditation bodies: NBA, ARIIA, nirf, and AACSB. The department is "DEPARTMENT OF BIOTECHNOLOGY" in association with "The Biotech Research Society, India". The event is "BIO-TALK SERIES VERSION 2.9 'Career opportunities and Trajectories in Biotechnology and Drug Development'". The speaker is "Ms. JANANI MONI MS, Managing Consultant, Deloitte Consulting LLP, USA". The date is "22/07/2021 (Thursday)" and the time is "6.00 PM – 7.00 PM". The Chief Patron is "Dr. B. Babu Manoharan, M.A., M.B.A., Ph.D., Chairman, St. Joseph's Group of Institutions". Patrons include "Mrs. S. Jesse Priya, M.Com., Managing Director, St. Joseph's Group of Institutions" and "Mr. B. Sashi Sekar, M.Sc., Director, St. Joseph's Group of Institutions". Conveners are "Dr. Vaddi Seshagiri Rao, M.E., M.B.A., Ph.D., Principal, St. Joseph's College of Engineering" and "Dr. B. Parvathavarthini, M.Sc., M.E., M.B.A., Ph.D., Dean (Research), St. Joseph's College of Engineering". The Organizer is "Ms. Sangeetha, B. M.Tech., (Ph.D) Assistant Professor". Contact information: "www.st.josephs.ac.in / www.stjosephstechnology.ac.in" and "9940104881 / 9940104882".

Copy of brochure – Biotalk Series 2.9

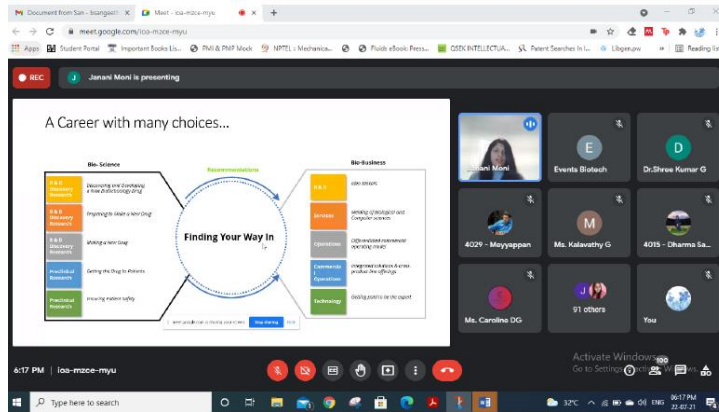
Department of Biotechnology.

Bio-Talk Lecture - Version 2.9

TOPIC: Career opportunities and Trajectories in Biotechnology and Drug Development

Resource Person: Ms. Janani Moni M.S.

The Department of Biotechnology, St. Joseph's College of Engineering has organized a technical talk by a distinguished resource person, Ms. Janani Moni on "Career opportunities and Trajectories in Biotechnology and Drug Development" on 22nd July, 2021 at 6:00 to 7:00 p.m. through online platform in Google meet. Ms. Janani Moni, is a Managing Consultant at Deloitte Consulting LLP in United States of America, with 6+ years of demonstrated delivery excellence across the global Pharmaceutical, Biotech, Med Device and CRO businesses. The event started with a welcome address by the Student Organizer, Mr. Dishit Rajput, followed by an Inaugural

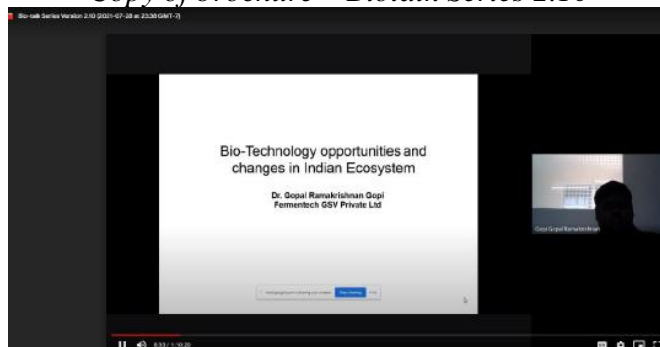


Screenshot of presentation by speaker

Screen capture of Speaker Presentation



Copy of brochure – Biotalk Series 2.10



Screen capture of Speaker Presentation

address by the Convener Dr. G. Sreekumar, Professor & HOD, Department of Biotechnology. Student organizer, Mr. Dishit Rajput briefly introduced the speaker covering her academic achievements and career highlights. Ms. Janani Moni's presentation was very educational and attention-grabbing, which was shown evidently in her presentation style. The speaker discussed about various choices and career paths in Biotechnology and presented an overview on Management consulting and its pipeline stages. This event was very enlightening for students, they have interacted with questions on drug development and vaccine design. The students also enquired on the entry level requirements for Bio-based Business career in abroad. They were also illuminated on the additional skillsets required to build industrial career. Totally, 101 students participated in this event from all the UG and PG batches of biotechnology department. As a final point, the event ended with Vote of Thanks by Ms. B. Sangeetha, Assistant Professor, Department of Biotechnology.

Bio-Talk Lecture - Version 2.10

TOPIC: BIOTECHNOLOGY OPPORTUNITIES AND

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DEPARTMENT OF BIOTECHNOLOGY
in Association with
The Biotech Research Society, India
Organizes
BIO -TALK SERIES VERSION 2.11
"Nanomaterial based Photothermal Cancer Therapy"

Dr. Santhosh Kalash R Ph.D.
Post Doctoral Researcher
Department of Biomedical Engineering
Tufts University, Medford
USA

Date: 07/08/2021 (Saturday)
Timings: 6.00 PM – 7.00 PM

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Mr. B. Sashi Sekar, M.Sc., Director, St. Joseph's Group of Institutions
Dr. Vaddi Seshagiri Rao, M.E., M.B.A., Ph.D., Principal, St. Joseph's College of Engineering
Dr. B. Farvathavarthini, M.Sc., M.E., M.B.A., Ph.D., Dean (Research), St. Joseph's College of Engineering

Convenors:
Dr. G. Sreeksumar, M.Sc., M.Tech., Ph.D., Professor & Head of the Department
Dr. Reunika V. M.Tech., Ph.D., Professor, HOD (Lab Affairs)

Organizer
Dr. M. Chamundeeswari, M.Tech., Ph.D., Associate Professor

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Copy of brochure – Biotalk Series 2.11

**Nanomaterial-based Photothermal Therapy:
Killing Cancer Cells with the Help of Infrared
Light induced Heat**

Santhosh Kalash Rajendrakumar, Ph.D.
Postdoctoral Researcher
Department of Biomedical Engineering
Tufts University, MA, United States

Screen capture of Speaker Presentation

CHANGES IN INDIAN ECOSYSTEM **Resource Person: Dr. Gopal Ramakrishnan Gopi**

The Department of Biotechnology, St. Joseph's College of Engineering has organized Biotalk series 2.10 by a distinguished Entrepreneur Dr. Gopal Ramakrishnan Gopi on Biotechnology Opportunities And Changes In Indian Ecosystem on 27th July, 2021 at 12:00 to 1:00 pm through online platform in Google meet. Dr. Gopal Ramakrishnan Gopi works as Chief operations officer, FGSV Bio Processing Plant, Fermentech, GSV Private Ltd, Thanjavur. The event was started with welcome address by the student organizer Mr. Alfred Francis, Department of Biotechnology and followed with Inaugural address by Convener Dr. G. Sreeksumar, Professor & HOD, Department of Biotechnology. Student organizer Mr. Alfred Francis briefly introduced the speaker covering his academic achievements and career highlights. Dr. Gopal Ramakrishnan Gopi talk was very informative for students where he focused on current status and development of the biotechnology in India and other countries and also discussed on Economy status of India during COVID 19. He mentioned on the technological developments and achievements of FGSV Bio Processing Plant as well. He also focused on the career opportunities for biotech students in India and overseas, about internships and training programs. He also elaborated on funding assistance and sources of funding for bioentrepreneurs in India. There were 67 students participated in this event from all the UG and PG batches of biotech department. This event was very enlightening for students, they have interacted with questions on internship and in-plant training opportunities, they have also enquired on the entry level requirements for biotech graduate to the industries. They were also clarified on the additional skill sets required to build industrial career. Finally, the event ended with Vote of Thanks by Dr. M.Chamundeeswari, Associate professor, Department of Biotechnology.

Report on – Bio-Talk

Lecture - Version 2.11

TOPIC: Nanomaterial based Photothermal Cancer Therapy
Resource Person: Dr. Santhosh Kalash R

The Department of Biotechnology, St. Joseph's College of Engineering has organized Biotalk series 2.11 by a distinguished Researcher **Dr. Santhosh Kalash R** on "**Nanomaterial based Photothermal Cancer Therapy**" on 07th August, 2021 at 6:00 to 7:00 pm through online platform in Google meet. Dr. Santhosh Kalash R works as Post Doctoral Researcher, Department of Biomedical Engineering, Tufts University, Medford, USA. The event was started with welcome address by the student organizer Mr. Alfred Francis, Department of Biotechnology and followed with Inaugural address by Convener **Dr. G. Sreekumar**, Professor & HOD, Department of Biotechnology. Student organizer Mr. Alfred Francis briefly introduced the speaker covering his academic achievements and career highlights. Dr. Santhosh Kalash R talk was veryinformative for students where he focused on current status of Cancer and development of Photo thermal therapy for cancerous cell using animal models and other techniques used in treatment of cancer by minimizing the side effects to the normal cells. He also focused on the career opportunities for biotech students in India and overseas, about internships and training programs. He also elaborated on funding assistance and sources of funding for bioentrepreneurs in India. There were **69 students participated** in this event from all the UG and PG batches of biotech department. This event was very enlightening for students, they have interacted with

questions on internship and in-plant training opportunities, they have also enquired on the entry level requirements for biotech graduate to the industries. They were also clarified on the additional skill sets required to build Research and Industrial career. Finally, the event ended with Vote of Thanks by Dr. M.Chamundeeswari, Associate professor, Department of Biotechnology.

PUBLICATIONS(ONLY PUBLISHED) DETAILS

Editorial

The Bharat Biotech's COVAXIN®Phase-3 Clinical trial report meets WHO's touchstone

G. Baskar*, B. Sangeetha

Department of Biotechnology, St. Joseph's College of Engineering, Chennai – 600119.
*Corresponding author email: basg2004@gmail.com

COVAXIN® is India's indigenous COVID-19 vaccine developed by Bharat Biotech Company in association with the Indian Council of Medical Research (ICMR) - National Institute of Virology (NIV). The vaccine is developed via Whole-Virion Inactivated Vero Cell technology. Inactivated vaccines fail to replicate and hence they are improbable to revert and root pathological effects. They comprise dead virus, inept of infecting people but still able to inculcate the immune system to escalate a defensive reaction counter to an infection. COVAXIN® is incorporated along with adjuvants, which are augmented to the vaccine to enhance and boost vaccine's immunogenicity. The course of vaccination consist of two doses of COVAXIN® administered 28 days apart. This vaccine does not claim for sub-zero storage conditions, stored in multi-dose vials and remain stable at 2-8°C which is ready to use without any reconstitution.

Serum Institute of India's Covishield and Russia's



Figure 1: Phase 3 Clinical trial data of COVAXIN®

Sputnik V are the other two Covid-19 vaccines that have been administered to Indian citizens so far. Notably, COVAXIN® has not enlisted in the Emergency-Use Listing (EUL) of World Health Organization (WHO) vaccines due to inadequate data of Phase 3 clinical trials. The lack of endorsement from WHO has been hampering travel plans for individuals as many countries are only accepting vaccines approved by the public health body. However, COVAXIN®

Dr. Baskar & Ms. Sangeetha copy of publication

4.

- **Dr.G. Baskar and Ms. B. Sangeetha** has published a paper on The Bharath Biotech's COVAXIN Phase-3 Clinical trail report meets WHO's touchstone in the **BIOTECH EXPRESS**, Vol 8, Issue 96, July 2021.
- Shree Rama Mani, Karthikeyan Vijayan, **Justin Packia Jacob**, Sekar Vijayakumar and Sivakumar Kandhasamy. 2021. Evaluation of probiotic properties of Lysinibacillus macroides under in vitro conditions and culture of Cyprinus carpio on growth parameters. **Arch Microbiol** (2021). <https://doi.org/10.1007/s00203-021-02452-x>. (IF **1.607**).



Evaluation of probiotic properties of *Lysinibacillus macroides* under in vitro conditions and culture of *Cyprinus carpio* on growth parameters

Shree Rama Mani¹ · Karthikeyan Vijayan¹ · Justin Packta Jacob² · Sekar Vijayakumar¹ · Sivakumar Kandhasamy¹

Received: 15 January 2021 / Revised: 17 June 2021 / Accepted: 18 June 2021
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Abstract

Cyprinus carpio is an important freshwater fish in aquaculture. It was used for the isolation of potential probiotic strain for aquaculture applications. The most dominant strain was isolated on MRS agar from the gastrointestinal (GI) of *C. carpio* and identified as *Lysinibacillus macroides* using molecular marker 16S rRNA gene. Various probiotic properties such as acid and bile tolerance and antibiotic susceptibility were analysed under in vitro conditions. Further, formulate pelletized feed using probiotic (*L. macroides*) in different concentrations (2, 4, 6 and 8%). Rearing of *C. carpio* was carried out 45 days and fed with formulated feed. The highest length (5.14 ± 0.07 cm) and weight (3.56 ± 0.07 g) of *C. carpio* fingerlings was recorded in the 8% LM probiotic pelletized feed, while in fingerlings fed with control showed lower in the length (3.02 ± 0.13 cm) and the weight (0.92 ± 0.04 g) on the 45th day of the experiment. Both percentage of weight gain (PWG) and specific growth rate (SGR) were significantly increased ($P < 0.05$) of *C. carpio* fingerlings fed with probiotic feed compared to control feed. Hence, the use of probiotic bacteria could be an encouraging alternative feed for future endeavours in the field of aquaculture. In conclusion, *L. macroides* can serve as probiotic for sustainable, competitive and promising beneficial bacteria to aquaculture industry.

Keywords Aquaculture · *Cyprinus carpio* · Feed supplement · Fish · Probiotic

Dr. Justin copy of publication

STAFF CONFERENCE PRESENTATION



Dr. Baskar copy of certificate



Ms. Geerthika copy of certificate

5.

- **Dr. G. Baskar** has participated in Online Short Term Training Programme on “**Functional Metagenomics and Bioprocessing of Therapeutic Enzymes**” organized by the Department of Biotechnology, Sri Venkateswara College of Engineering during 27th -31st July, 2021.s
- **Ms. Geerthika** has participated in one week online FDP on Leadership mastery through self management, organized by Centre for Value Based Education, Delhi Technological University during July 19-23, 2021

DEPARTMENT OF CHEMICAL ENGINEERING

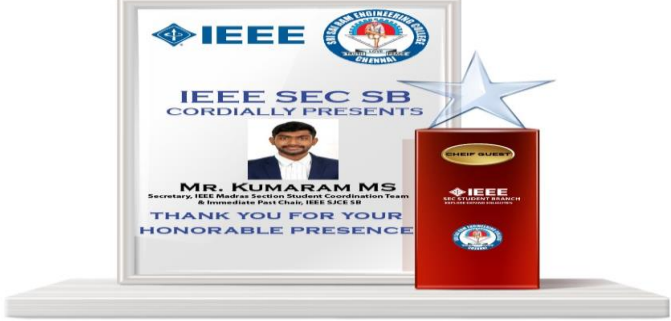

Sl. No.	Name of the Events	Remarks
1	FDP	<ul style="list-style-type: none"> • Ms Sivaranjane R attended AICTE approved online FDP on “Green Technology and Sustainability engineering” organized by Amrita Vishwa Vidyapeetham from 5th to 9th July 2021. • Ms Sivaranjane R attended AICTE approved online FDP on “Strategies and Outcomes to Enhance sustainable Green Environment" organized by University College of Engineering (BIT Campus) Tiruchirappalli from 17th to 23rd July 2021.
2	Webinar	<ul style="list-style-type: none"> • The dept of Chemical Engineering organized an international webinar on the topic ”Pursuing masters vs working for corporation” by Mr Sriganesh Parameswaran, Process Control, Ferro Groups on July 8th from 6.30-7.30pm.
3	Publications	<ul style="list-style-type: none"> • Ms B S Rathi and Dr P S Kumar published a paper titled “A review on adsorptive separation of toxic metals from aquatic system using biochar produced from agro-waste” in Chemosphere Journal 285:131438. • Ms B S Rathi and Dr P S Kumar published a paper titled “Critical review on hazardous pollutants in water environment: Occurrence, monitoring, fate, removal technologies and risk assessment in the journal of Science and the Total Environment 797:149134.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Sl. No.	Event with Photo	Description
1	Value added course on Data Science Basics 	<p>Date : 20.07.2021 – 22.07.2021 Venue : Online Nature of Event : Value Added Course on Data Science Basics Participants : Students of II and III year CSE No. of participants : 123</p> <p>Objective: The main objectives of the Value Added Course are:</p> <ul style="list-style-type: none"> To provide students an understanding of the expectations of industry. To improve employability skills of students. To bridge the skill gaps and make students industry ready. To provide an opportunity to students to develop inter-disciplinary skills. To mold students as job providers rather than job seekers <p>Outcome: The students understood the basic concept of Data Science and its impacts in the society and also the job opportunities against the Data Science.</p>
	Personality Development Programme 	<p>Date : 24.07.2021 Venue : Online Nature of Event : Personality Development Programme Participants : Students of II and III year CSE No. of participants : 179</p> <p>Objective: The objective of the programme is to build self-confidence, enhance self-esteem and improve overall personality of the participants. The programme aims at grooming the participants through sensitizing them about proper behavior, socially and professionally, in formal and informal circumstances</p> <p>Outcome: Projecting the Right First Impression, Polishing manners to behave appropriately in social and professional circles, Enhancing the ability to handle casual and formal situations in terms of personal grooming, dining and entertaining etiquette, Developing and maintaining a positive attitude and being assertive</p>

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S.No	Events	Remarks	
1	<p align="center">FACULTY DEVELOPMENT PROGRAM</p> 	Dr. M Ramesh Babu	<p align="right">Criteria 6</p> Participated in the National Level Technical Workshop on "Solar Cell : Modeling and Simulation" organized by the Department of Electrical & Electronics Engineering, SSN College of Engineering, Chennai in association with The Institution of Engineers (India) on July 23, 2021.
		Dr.N.Chidambararaj	Participated in the National Level Technical Workshop on "Solar Cell : Modeling and Simulation" organized by the Department of Electrical & Electronics Engineering, SSN College of Engineering, Chennai in association with The Institution of Engineers (India) on July 23, 2021.
		Mr. H Umesh Prabhu	1. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " Cutting Edge Technologies in Energy Storage System for E-Mobility" from 2021-06-14 to 2021-06-18 at KPR Institute of Engineering and Technology. 2. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " Recent Trends in Electric Vehicle and Renewable Energy Systems" from 2021-6-21 to 2021-6-25 at Arasu Engineering College
		Mr.T.Sriananda Ganesh	1. Attended the FDP on “Interactive Approaches in Handling Renewable Energy Systems Laboratory for the New Normal” organized by SSN College of Engineering, Chennai from 29/06/2021 to 02/07/2021. 2. Successfully completed the FDP on “Exploring Entrepreneurship & Startup Opportunities” Organised by Sri Venkateshwaraa College of Engineering and Technology, Puducherry from 05/07/2021 to 09/07/2021.
		Ms. M.Sumitha	“Interactive Approaches in handling renewable energy systems laboratory for the new normal” organized by SSN College of Engineering during June 29 - July 2, 2021.

		Dr.P.Anbarasan	Participated in the FDP on “Interactive Approaches in handling renewable energy systems laboratory for the new normal” organized by SSN College of Engineering during June 29 - July 2, 2021. Participated in the ATAL sponsored FDP on “Challenges and Opportunities for Electric Vehicle Adoption” organized by Erode Sengunthar Engineering College” during 19th-23rd July 2021.
2	 <p style="text-align: center;">PIC: award shield</p>		Our student Mr.Kumaran MS has presented Motivational talk on the topic “IEEE experience and opportunities” organized by sri sairam engineering college on 29/07/2021
3	 <p style="text-align: center;">PIC: event poster</p>		Our department organized an event exclusively for the II, III and IV year students of our department. The resource person who has completed his Masters in Power Electronics and Drives from our own institute is currently working as an Senior Hardware Engineer at Dover, In this event, he taught the students the basics of circuit component selection for their project work and he guided students on how to read a datasheets of various electronic device components and also explained the purpose of some basic electronic components. He also shared his valuable work experience and had patiently clarified all the doubts which the students have put on. Total of around 50 students participated in the event.

4

The poster is for an online guest lecture titled "HARMONIC STUDIES IN HVDC CONVERTER STATION". It is organized by the Department of Electrical and Electronics Engineering at St. Joseph's College of Engineering. The resource person is Dr. P. Saravana Prakash, an Assistant Professor at the Department of Electrical Engineering, Malaviya National Institute of Technology Jaipur. The event is scheduled for 14 June 2021 at 4:00 p.m. via a Zoom meeting. The poster also lists the Chief Patron, Patrons, and Conveners.

PIC: event poster

Our department organized a Guest Lecture on “Harmonics Studies in HVDC Converter station” by Dr. P. Saravana Prakash, Assistant Professor, NIT-Jaipur, Rajasthan on 14.06.2021. The session was really very informative and useful to the students. The speaker has briefed about the importance of harmonics, list of elimination methods for harmonics which are adopted in the converter station to achieve energy efficiency. E-certificates are distributed to all the participants.

5

This block contains six posters for online slogan writing competitions. Each poster is for a different theme and includes the following details:

- Theme:** WOMAN EMPOWERMENT, COVID AWARENESS, Saving Environment and Planting more Trees, Importance of Online Education during Pandemic, Say no to plastic, Science and Technology in the development of Nation.
- Submission Link:** Various URLs provided for each event.
- Timing:** 4:00 PM-5:00 PM.
- Eligibility:** Undergraduate and Diploma students.
- Prizes:** Certificates will be provided to winners.

PIC: event posters

Our Department of EEE organized an Online Slogan Writing Competition for the students of class X,XI,XII and diploma students from July 9th to July 15th 2021. The online slogan writing competition have different themes like Woman Empowerment, Covid Awareness, Saving Environment And Planting More Trees, Importance of online education during pandemic, Say no to plastic, Science and Technology in the Development of Nation". Around 21 students from 10 different schools and 5 Polytechnic College participated in this event. E-Certificates are distributed to the winners.

6

The Change We Do It
St. JOSEPH'S COLLEGE OF ENGINEERING
(An Autonomous Institution)
St. Joseph's Group of Institutions
Jeppiaar Educational Trust
OMR, Chennai - 119.

COUNSELLING CODE:1317
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organises
WHATSAPP STATUS

Exclusively for 10th, 11th, 12th and Diploma students

- Upload whatsapp status for the given theme and win the E-certificate
- Submit your Whatsapp Image or video on the six different themes for six days through the Google form link given below

Event Date: 23-07-2021 to 29-07-2021

Themes

23/07/2021 - Motivation
24/07/2021 - Health
26/07/2021 - Nature
27/07/2021 - Parents
28/07/2021 - Indoor & Outdoor Games
29/07/2021 - Inventions

Registration Link : <https://forms.gle/CkC3itec6NKPbXhE7>
Submission Link : <https://forms.gle/Kw1tM1bbivPLDeWd7>

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Director, St. Joseph's Group of Institutions
Dr. B. Parvathavarthini M.Sc., M.B.A., M.E., Ph.D.
Dean, St. Joseph's College of Engineering

Convenors

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Professor & Head - Staff Affairs
Dr. T.V. Narmadha M.E., Ph.D.
Professor & Head - Lab Affairs

Staff Coordinator
Dr. P. Anbarasan M.Tech., Ph.D.
Assistant Professor

For Admissions: Visit: www.stjosephs.ac.in / www.stjosephstechnology.ac.in
Contact: 9940104881 / 9940104882

PIC: event poster

Our department organized School event under the title "Whatsapp Status" competition from 23/07/2021-29/07/2021. Around 25 participants had participated in this event. On each day the programme had been conducted in a specific theme. Motivation, Health, Nature, Parents, Indoor & Outdoor Games and Inventions are the themes focused on each day respectively. All the students are provided with the participation and excellence certificate.

7

The Change We Do It
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organises
One Week Short term program for school students
FROM 25TH JUNE TO 1ST JULY 2021

Exclusively for 10th, 11th, 12th and Diploma students

TOPICS

25/06 - FUTURE SCOPE OF ENGINEERING
26/06 - SESSION-1 : OPPORTUNITIES AFTER SCHOOL
SESSION-2 : IS ELECTRICAL VEHICLE ECO-FRIENDLY??
28/06 - SESSION-1 : INTERNET OF THINGS
SESSION-2 : WORKING WITH BIOMETRICS
29/06 - RENEWABLE ENERGY
30/06 - PERKS OF BEING AN ELECTRICAL ENGINEER
01/07 - CREATE AN IMPACT BY VOLUNTEERING WITH IEEE

Registration Link : <https://tinyurl.com/schoolstudentprogram>

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Chairman, St. Joseph's Group of Institutions

Patrons

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Mr. B. Shashi Sekar M.Sc.,
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Dean, St. Joseph's College of Engineering

Convenors

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Professor & Head - Staff Affairs
Dr. T.V. Narmadha M.E., Ph.D.
Professor & Head - Lab Affairs

Staff Coordinator
Mr. K. Aravindhan M.E.,
Assistant Professor


E-Certificates will be provided to all the active participants

For Admissions:
Visit: www.stjosephs.ac.in / www.stjosephstechnology.ac.in
Contact: 9940104881 / 9940104882

PIC: event poster


A One week Short term Programme for school students was conducted during **25th June -1st July 2021**, scheduled from 11.00 am to 12.00 pm. It was organized by the Department of Electrical and Electronics Engineering.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organises

SUDOKU

BOTH WORD AND NUMERICAL

AVOID THE CROWD AND DO YOUR OWN THINKING INDEPENDENTLY

EVENT DATE : 16/07/2021 - 22/07/2021

		9	7	3		5	2	6
6		5		2		8	4	7
	4			9		6	2	
8	9		6	3		8		
2	6					1		8
		7		1		6		
9	5	1		6	4	2		

Exclusively for 11th, 12th and Diploma students

Registration Link : <https://forms.gle/87WYTPgYBCFR1HP39>

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Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.
 Chairman, St. Joseph's Group of Institutions

Patrons

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 Managing Director, St. Joseph's Group of Institutions

Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D.
 Principal, St. Joseph's College of Engineering

Mr. B. Shashi Sekar M.Sc.,
 Director, St. Joseph's Group of Institutions

Dr. B. Parvathavarthini M.Sc., M.B.A., M.E., Ph.D.
 Dean, St. Joseph's College of Engineering

Convenors

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 Professor & Head - Staff Affairs

Dr. T.V. Narmadha M.E., Ph.D.
 Professor & Head - Lab Affairs

Staff Coordinator
Dr. V. Krishnakumar M.Tech., Ph.D.
 Associate Professor

For Admissions: Visit: www.stjosephs.ac.in / www.stjosephstechnology.ac.in
 Contact: 9940104881 / 9940104882

Our department organized School event under the title “SUDOKU” competition from 16/07/2021-22/07/2021. Around 25 participants had participated in this event. On each day the programme had been conducted in a specific theme. All the students are provided with the participation and excellence certificate.

9


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PRESENTS

ALUMNI TALK SEASON 03 # SERIES 01

CAREER OPPORTUNITIES FOR EEE STUDENTS



HARIKRISHNA CHAKKARAPANI
 TECHNICAL PROJECT MANAGER / PRODUCT OWNER
 ELEKTROBIT, BANGALORE

 **JUNE 5 2021**
 11.00 A.M. TO 12.00 P.M.

MEETING LINK : [HTTPS://MEET.GOOGLE.COM/CPV-IMTQ-XFB7HS-224](https://meet.google.com/CPV-IMTQ-XFB7HS-224)

CHIEF PATRON
DR. B. BABU MANOHARAN, M.A., M.B.A., Ph.D.
 CHAIRMAN, ST. JOSEPH'S GROUP OF INSTITUTIONS

PATRONS

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 MANAGING DIRECTOR, ST. JOSEPH'S GROUP OF INSTITUTIONS

MR. B. SHASHI SHEKAR, M.SC.
 DIRECTOR, ST. JOSEPH'S GROUP OF INSTITUTIONS

DR. VADDI SESHAGIRI RAO, M.E., MBA., Ph.D.
 PRINCIPAL, ST. JOSEPH'S COLLEGE OF ENGINEERING

DR. B. PARVATHAVARTHINI, M.SC., MBA., M.E., Ph.D.
 DEAN, ST. JOSEPH'S COLLEGE OF ENGINEERING

CONVENORS

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 PROFESSOR & HEAD - STAFF AFFAIRS

DR. T.V. NARMADHA, M.E., Ph.D.
 PROFESSOR & HEAD - LAB AFFAIRS

STAFF COORDINATOR
DR. M. RAMESH BABU, M.E., Ph.D.
 PROFESSOR / EEE

*For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or Contact: 9940104881 / 9940104882

Our department organized Alumni talk season 03 series 01 “career opportunities for EEE students” by Harikrishna chakkarapani, Technical project manager/product, owner elektrobot, Bangalore (An alumnus of St. Joseph’s College of Engineering, Department of Electrical and Electronics Engineering)
 DATE : 05.06.2021

PIC: event poster

10

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
PRESENTS

ALUMNI TALK SEASON 03 #SERIES 04
CAREER OPPORTUNITIES IN IT
FOR EEE STUDENTS



Renifa Annie Sekar
Assistant Systems Engineer
TCS, Chennai.

JUNE 8, 2021
11.00 a.m. to 12.00 p.m.

Meeting link : meet.google.com/gwd-wuki-pgp

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Convenors

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--	---

Staff Coordinator
Dr. M. Venmathi M.E., Ph.D.
Associate Professor / EEE

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Our department organized Alumni talk season 03 series 01 “career opportunities for EEE students” by Renifa Annie Sekar, Assistant Systems Engineer, TCS Chennai (An alumnus of St. Joseph’s College of Engineering, Department of Electrical and Electronics Engineering) DATE : 08.06.2021

PIC: event poster

11

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
PRESENTS

ALUMNI TALK SEASON 03 #SERIES 08
Job Opportunities in Automotive Domain



S. Prema Kulandai Therasal M.E.,
Automation Engineer 2
Caterpillar, Chennai.

JUNE 12, 2021
4.30 p.m. to 5.30 p.m.

Meeting link : <https://meet.google.com/qwg-zpsd-rks>

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Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.
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Dr. Vaddi Seshagiri Rao M.E., MBA., Ph.D. Principal, St. Joseph's College of Engineering	Dr. B. Parvathavarthini M.Sc., MBA., M.E., Ph.D. Dean, St. Joseph's College of Engineering

Convenors

Dr. Jayarama Pradeep M.E., Ph.D. Professor & Head - Staff Affairs	Dr. T.V. Narmadha M.E., Ph.D. Professor & Head - Lab Affairs
--	---

Staff Coordinator
Mr. R. Elanthirayan M.Tech.,
Assistant Professor / EEE

*For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or Contact: 9940104881 / 9940104882

Our department organized Alumni talk season 03 series 01 “Job opportunities in automotive domain” by S.PremaKulandaiTherasal (An alumnus of St. Joseph’s College of Engineering, Department of Electrical and Electronics Engineering) DATE : 12/06/2021

PIC: event poster

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Organises Webinar on
INDUSTRIAL AUTOMATION SIMULATION SOFTWARES
OMRON ZEN PLC SIMULATION SOFTWARE / PROTEUS / KEIL MICRO VISION

Learn from the experts!
Google Meet
meet.google.com/ijw-txcs-xpy

JUL 19
05.00 PM - 06.30 PM

LIVE WEBINAR

Mr. V. BALASUBRAMANIAN,
Assistant Professor, (EEE)
St. Joseph's College of Engineering.

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Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.
Chairman, St. Joseph's Group of Institutions

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Managing Director, St. Joseph's Group of Institutions
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Principal, St. Joseph's College of Engineering
Mr. B. Shashi Sekar M.Sc.,
Director, St. Joseph's Group of Institutions
Dr. B. Parvathavarthini M.Sc., M.B.A., M.E., Ph.D.
Dean, St. Joseph's College of Engineering

Convenors
Dr. Jayarama Pradeep M.E., Ph.D.
Professor & Head - Staff Affairs
Dr. T.V. Narmadha M.E., Ph.D.
Professor & Head - Lab Affairs

Staff Coordinator
Ms. M. Sumitha M.E., (Ph.D.)
Assistant Professor

PIC: event poster

A Webinar was conducted by the department of EEE on July 19 between 5 pm and 6.30 pm titled “Industrial Automation Simulation Software”. The speaker of this webinar was Mr. V. Balasubramanian, Assistant Professor, EEE. Nearly 34 participants attended this webinar. His lecture was extraordinary which attracted and motivated many students. It was an eye-opener to all. He inculcated the knowledge of various softwares like Omron Zen PLC Simulation, Proteus and Keil Micro Vision to students. Hope more and more students will be inspired in near future.

13

MANAKULA VINAYAGAR **IEEE**
INSTITUTE OF TECHNOLOGY
(Approved by AICTE, Affiliated to Pondicherry University and Accredited by NBA)
Kalitheerthai kuppam, Puducherry - 605107.

4th IEEE-International Conference on
Systems, Computation, Automation and Networking

ICSCAN 2021

This is to certify that **Dr.M.Ramesh babu** of **St.Joseph's College of Engineering** has Chaired the session titled **Power Systems** in the **4th IEEE - International Conference on Systems, Computation, Automation and Networking (Virtual Mode)**, organized by Manakula Vinayagar Institute of Technology on **30th and 31st July 2021.**

Dr. R. Valli
Conference Chair
ICSCAN 2021

Dr. S. Malarkkan
Principal

Malarkkan Sundararaj
Digitally signed by Malarkkan Sundararaj
Date: 2021.08.03 14:50:46 +05'30'

PIC: certificate of session chair

Criteria 1

Our department staff member Dr.M.Ramesh babu has Chaired the session titled Power Systems in the 4th IEEE - International Conference on Systems, Computation, Automation and Networking (Virtual Mode), organized by Manakula Vinayagar Institute of Technology on 30th and 31st July 2021.

14

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ARIIA, NBA, NAAC, NIRF, Cambridge

IEEE Robotics and Automation Society

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
In Association with
IEEE ROBOTICS AND AUTOMATION SOCIETY
Presents

DATE&TIME
JULY 26, 2021
4.00 PM

HIDDEN CHRONICLES

E - Certificates will be provided to all the Participants

REGISTER HERE
<https://bit.ly/PICTOreg>

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Chairman, St. Joseph's Group of Institutions

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Mr. B. Shashi Sekar M.Sc. Director, St. Joseph's Group of Institutions

SBC Advisor
Dr. Jayarama Pradeep M.E., Ph.D. Professor & Head - Staff Affairs

Convener
Dr. T.V. Narmadha M.E., Ph.D. Professor & Head - Lab Affairs

Staff Coordinator
Mr. R. Sreekanth M.E., (Ph.D.) Assistant Professor

Student Coordinators
RAS Team

*For Admissions: visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or contact: +91 99401 04881 / +91 99401 04882

PIC: event poster

IEEE SJCE SBC RAS conducted an exciting event on the topic “ Hidden Chronicles” on July 26 , 2021. It was conducted through Google form on 26 july 2021. E-Certificates are distributed to the students who have participated in the event. This event indeed helped the participants to sharpen their mind and find the answers using the clues. Winners were awarded with merit certificates and winners. Logesh.R (1), MakeshKumaran. A (2), Kiruthika.M (3). Student Coordinators were Ms.Abina.S , Ms.ChristelPeeris.R, Mr.Abhishek.T, Ms.SakthiPriya.C

15

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ARIIA, NBA, NAAC, NIRF, Cambridge

IEEE Robotics and Automation Society

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
in association with
IEEE ROBOTICS AND AUTOMATION SOCIETY
presents

15-07-2021 (10.00 am)
to
21-07-2021(12.00 pm)

PCB-THON
CHALLENGE

E-Certificates will be Provided to all the Participants

REGISTER HERE
<https://bit.ly/Pcbdesign>

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Chairman, St. Joseph's Group of Institutions

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Mr. B. Shashi Sekar M.Sc. Director, St. Joseph's Group of Institutions

SBC Advisor
Dr. Jayarama Pradeep M.E., Ph.D. Professor & Head - Staff Affairs

Convener
Dr. T.V. Narmadha M.E., Ph.D. Professor & Head - Lab Affairs

SBC Counsellor
Mr. R. Sreekanth M.E., (Ph.D.) Assistant Professor

Student Coordinators
RAS Team

*For Admissions: visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or contact: +91 99401 04881 / +91 99401 04882

PIC: event poster

IEEE SJCE RAS conducted a PCB designing event on the topic “ PCB-THON” on dated 15 July 2021 to 21 July 2021. It was conducted through Google form for about 3 days. E-Certificates are distributed to the students who have participated in the event. This event indeed helped the participants to evoke and enlighten their knowledge in PCB designing. The top Winner was awarded with merit certificate and the winner is LYZUL IMRAN A. Student Coordinators were Ms. S. Abina ,Ms. R.Christelpeeris, Ms. P.K.Ananya, Ms. M. Abinaya, Ms. K. Sunitha, Ms. A. Thavaloshini.

16

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ARITA
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 NAAC
 nirf
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IEEE St. Joseph's College
 of Engineering
 St. Joseph's Group of Institutions

DEPARTMENT OF
 ELECTRICAL AND ELECTRONICS ENGINEERING
on behalf of World Nature Conservation Day
1888 Women in Engineering Affinity Group
 presents

TOPIC
 Nature
 Conservation

Submit Your Works
 on or before
 28/07/2021

ARTZIA

Submit Your posters
 or drawings or
 paintings to
 wleeesjce@gmail.com

REGISTER HERE https://bit.ly/Nature_2021

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 Chairman, St. Joseph's Group of Institutions

Patrons
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 Managing Director, St. Joseph's Group of Institutions
 Mr. B. Shashi Sekar M.Sc.
 Director, St. Joseph's Group of Institutions
 Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D.
 Principal, St. Joseph's College of Engineering
 Dr. B. Parvathavarthini M.Sc., M.B.A., M.E., Ph.D.
 Dean(Research), St. Joseph's College of Engineering

SBC Advisor
 Dr. Jayarama Pradeep M.E., Ph.D.
 Professor & Head - Staff Affairs

Convenor
 Dr. T.V. Narmadha M.A., Ph.D.
 Professor & Head - Lab Affairs

Staff Coordinator
 Mr. R. Sreekanth M.E., Ph.D.
 Assistant Professor

Student Coordinators
 Akshaya S | Abinayaa Sri T | Divya V | Jesse S | Maria Shirley John

*For Admissions: visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or contact: +91 99401 04881 / +91 99401 04882

PIC: event poster

IEEE St. Joseph's College of Engineering under Women in Engineering - Affinity Group conducted a poster designing competition for WORLD CONSERVATION DAY. The participants were given 19 days to submit their posters through email. The participants enthusiastically participated in the poster designing event. There were a lot of entries, each and every poster had a unique idea that attracted the organizer's eyes. The participants were given a participation certificate and the winner was awarded a merit certificate.

17

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St. JOSEPH'S COLLEGE OF ENGINEERING
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 St. Joseph's Group of Institutions
 Jeppiaar Educational Trust
 OMR, Chennai - 119.

COUNSELLING CODE : 1317

IEEE
 St. Joseph's College
 of Engineering
 St. Joseph's Group of Institutions

Department of Electrical and Electronics Engineering
 in association with
IEEE Women in Engineering Affinity group
 Presents

Cyber Suraksha

OPEN TO ALL COLLEGE STUDENTS

26 July, 2021
 6:00 pm

E-Certificates will be provided

Registration link: <https://forms.gle/sfydSQvqjAK6YmT8>

Chief Patron
 Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.
 Chairman, St. Joseph's Group of Institutions

Patrons
 Mrs. S. Jessie Priya M.Com.
 Managing Director, St. Joseph's Group of Institutions
 Mr. B. Shashi Sekar M.Sc.
 Director, St. Joseph's Group of Institutions
 Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D.
 Principal, St. Joseph's College of Engineering
 Dr. B. Parvathavarthini M.Sc., M.B.A., M.E., Ph.D.
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 Professor & Head - Lab Affairs

Staff Coordinator
 Mr. R. Sreekanth M.E., Ph.D.
 Assistant Professor

Swetha.B
Udhayaraga.B
 Cyber security program

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PIC: event poster

IEEE St. Joseph's College of Engineering under Women in Engineering - Affinity Group conducted a program on awareness of cyber crime. It was organised by the Women in Engineering student branch members Ms. Udhayaraga and Ms. Swetha was selected to train in the five day session on Cyber Security organized by IEEE Kerala section Women in Engineering

- Affinity group. The event was started by Ms. Swetha who explained about cyber crime and the types of cyber crime. Then the session was handed over to Ms. Udhayaraga who explained about Cyber Security and major security issues. She also explained about social media hacks and gave ideas on "How to use social media more securely". The session ended with a query session which was handled efficiently by the speakers.

18

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IEEE INSPIRE INDIA

IEEE Inspire India
in association with

IEEE SJCE Women In Engineering AG
presents

செப்புக செந்தமிழ்
(தமிழ் இணையமேடை பேச்சுப்போட்டி)
on behalf of Kamarajar Birthday

நடுவர்
Mr. Aravindhan Anbazhagan
Chairman,
IEEE Madras Young Professionals

Registration Link: <https://bit.ly/KamarajarDay>

தலைப்பு
தமிழ் மொழியும் இன்றைய இளைஞர்களும்
(அல்லது)
தொழில்நுட்ப உலகம்

2021
15th July
5.30 pm
to 7.00 pm

The winners will get the Merit Certificates
E-Certificates will be provided for Participants

IEEE SJCE SBC | IEEE SJCE WIE | IEEE SJCE SBC | <https://ieeesjcesbc.org>

PIC: event poster

IEEE Inspire India in association with IEEE SJCE Women in Engineering Affinity - Group organized an elocution competition- “செப்புக செந்தமிழ்”. As a jury joined with us was Mr. Aravindhan Anbazhagan who was welcomed by Ms. Abinayaa Sri. After his motivational speech, the competition started. All the participants expressed their thoughts and affection towards the language Tamil in a bold and efficient way. After all the participants finished their speech a spot-on poem competition was given by the jury. With a time limit of 15 min, all the participants displayed their talents over the language of tamil in an extraordinary way.

19

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OMR, Chennai - 119.

Counselling Code :1317

ARIFA
NBA
AP
nirf
Cambridge

IEEE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
on behalf of World Emoji Day
IEEE Women in Engineering Affinity Group
presents

PLAY WITH EMOJI

2021
17th July
5.00 pm - 6.00 pm

REGISTER HERE https://bit.ly/play_emoji

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Chairman, St. Joseph's Group of Institutions

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PIC: event poster

IEEE St. Joseph's College of Engineering under Women in Engineering - Affinity Group conducted a virtual event “Play With Emoji”. The event was conducted on 17th July 2021 through google form. The google form was sent to the participants through email. For a total of 30 questions, the participants had to connect the pictures and emojis to find the answer. Participants were excited about each question and curious to know the answers. The participants were given a participation certificate which was mailed to their respective emails.

20

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
in association with

ARIIA, NETA, nif, Cambridge, IEEE, PELS, St. Joseph's Group of Institutions, St. Joseph's College of Engineering, St. Joseph's Group of Institutions, St. Joseph's College of Engineering, St. Joseph's College of Engineering.

presents you
IEEE QUIZ WEEK

2021
25th - 29th
July

Should I attend the quiz?
A) Give a try
B) Definitely Yes
C) I got exams

Register @
<https://bit.ly/ieeequizweek>

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Student Coordinators
Arangan Rishikesh T | Mohamed Aashik S | Sharan R | Thiruvet AP | Bavithra Rajan S | Abhishek NS

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PIC: event poster

IEEE St. Joseph's College of Engineering Student Branch chapter organized a series of quiz events named it as an 'IEEE QUIZ WEEK'. This event has several quizzes related to IEEE for the young to inspire minds. This event creates a greater impact on non-IEEE members to gain some knowledge about IEEE. These six events play a vital role in membership development in our student branch. All participants were E-certified and Winners got the special goodies.

21

St. JOSEPH'S COLLEGE OF ENGINEERING
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OMR, Chennai - 119.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IN ASSOCIATION WITH
IEEE POWER ELECTRONICS SOCIETY
PRESENTS
LUCKY DRAW!

IEEE-SBC_SJCE
IEEE-PELS_SJCE
IEEE_SJCE

PIC: event poster

The IEEE Power Electronics Society of St Joseph's College of Engineering conducted a Lucky Draw contest, which is a six-day challenge for our participants to Support Our college PELS TEAM in the PELS Day Contest organized by IEEE Power Electronics Society. Participants were asked to vote for our college and fill their response in a google form for all the six days and check in daily. Nearly 50 participants have participated and the lucky 10 people were given a special prize. The student coordinators for this event were Madhu Preetha S, Elanchezhiyan R J, Karin Ramani A, Mani Sha N and HerenaJoshikaA S.

Placement Details for month July 2021

2017- 2021 Batch		
Reg No	Student Name	COMPANY
312317105008	AJAY GANESH J	ACCENTURE
312317105039	DHARANI D	
312317105058	HARIHARAN M	
312317105134	ROHITHKUMAR R	CGI , DETECT TECHNOLOGIES
312317105038	DHANUSH P	FOXCONN
312317105043	DURAIMURUGAN T	
312317105057	HARIHARAN K	HEXAWARE TECHNOLOGIES
312317105151	SRIVARTHAN K	
312317105124	RAHUL R	IDEAS2IT
312317105144	SHEIK SUBAHAN B	
312317105098	MOHAMED FAISAL T	MG MOTORS
312317105023	ARUN KUMAR A S	MSC TECHNOLOGIES
312317105020	ANSEL BENNET	RNTBCI - RENAULT NISSAN (SOFTWARE)
312317105019	ANIRUTH KALYAN.M	S10 HEALTH CARE

No of students placed = 88

No of offers = 122

(As on 31/07/2021)

2018- 2022 Batch		
Reg No	Student Name	COMPANY
312318105140	A. Sriram	HCL Technologies- Embedded Systems- Core opportunity
312318105159	M.Yuvaraj	

No of students placed =02

No of offers =02

(As on 31/07/2021)

23

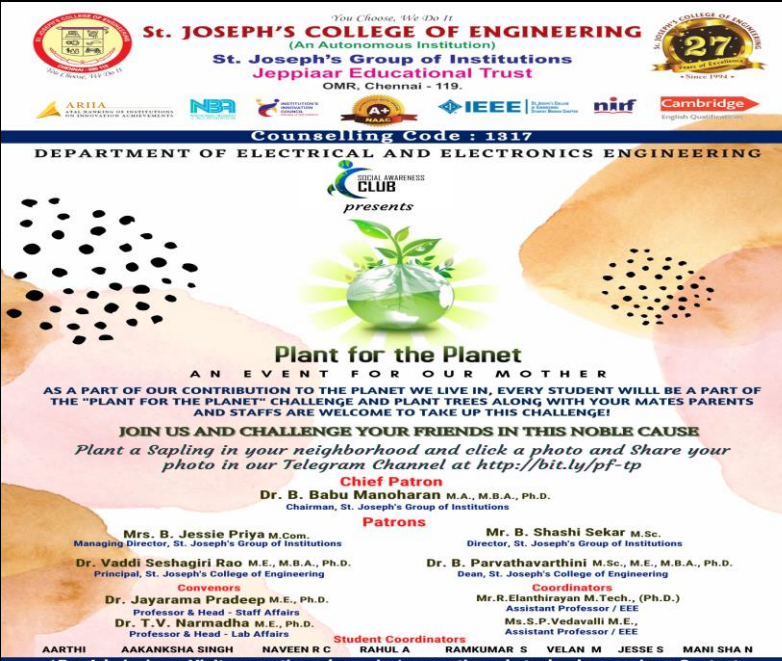


PIC: certificate of reviewer

Criteria 1

Our department staff member Dr.Chidambararaj N awarded certificate of reviewing “environmental technology & innovation in recognition of the review contributed to the journal Elsevier July 2021(1 review)

24



PIC: event poster

Our Department of Electrical & Electronics Engineering social awareness club organized “Plant for Planet “ event which promotes the view that each tree is a contribution towards environmental and climate protection. Through this plant for planet event our department students and faculty members have planted more than 75 trees and we expect even more number of trees will be planted through this initiative.



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

(Approved by the AICTE, New Delhi, Affiliated to Pondicherry University and Accredited by NBA, New Delhi)
Sri Manakula Vinayagar Group of Educational Institutions

Dr. R. Valli
Conference Chair
ICSCAN-2021

To

Dr. V. Krishnakumar
Associate Professor
Department of Electrical and Electronics Engineering
St. Joseph's College Of Engineering
Chennai

Respected Professor,

Greetings from Manakula Vinayagar Institute of Technology (MVIT), Pondicherry.

Our Institution has been conducting IEEE International Conference on Systems, Computation, Automation and Networking (ICSCAN) since 2018. The 4th IEEE - International Conference on Systems, Computation, Automation and Networking (ICSCAN - 2021) is planned to be conducted during 30th and 31st July 2021. ICSCAN-2021 aims at bringing together researchers, scientists, engineers, research scholars, industrial participants and budding students around the world to a common platform to share their experiences, new ideas, and research findings on all aspects of Electrical, Electronics, Communication, Mechanical, Information Technology and Computer Engineering. The researchers will present the state of the art of expansions and technical elucidations covering wide range of topics in the fields of Engineering.

We would like to invite you to chair a session on 30th July 2021 (AN) in the 4th IEEE International Conference on Systems, Computation, Automation and Networking (ICSCAN-2021) which is to be conducted in virtual mode. We the faculty team and students will be highly elated if you could accept our invitation to be the session chair.

Eagerly waiting for your favourable reply.

We kindly request you to send the short profile.



Regards

Dr. R. Valli

PIC: invitation letter

Our department staff member Dr.V.Krishnakumar has Chaired the session titled Power Systems in the 4th IEEE - International Conference on Systems, Computation, Automation and Networking (Virtual Mode), organized by Manakula Vinayagar Institute of Technology on 30th and 31st July 2021.

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27
Years of Excellence
Since 1994

NEA
NRIIA
ATAI BANKING OF INSTITUTIONS
ON INNOVATION ACHIEVEMENTS
A+
NAAC
nirf
INSTITUTIONS
INNOVATION
COUNCIL
Cambridge
English Qualifications

COUNSELLING CODE:1317

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organises
What's Next ?

Know your Career Opportunities through Online Quiz contests

on

TOPICS

02/07/2021 - courses available
03/07/2021 - Exams after 12th
05/07/2021 - courses for Arts students
06/07/2021 - Engineering courses
07/07/2021 - Commerce courses
08/07/2021 - Job - oriented courses

Registration Link :<https://tinyurl.com/careeropp-onlinequiz>

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Chairman, St. Joseph's Group of Institutions

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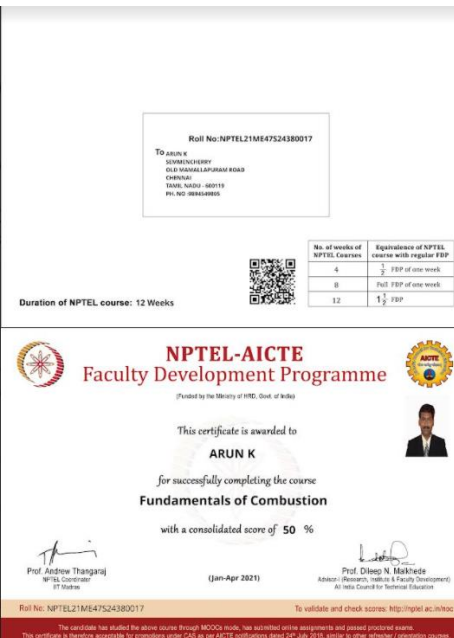
Staff Coordinator
Ms.S.P.Vedavalli M.E.
Assistant Professor

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Contact: 9940104881 / 9940104882

PIC: event poster

Online school Event on "What's Next?" was conducted from 02.07.2021 to 08.07.2021 by our Department of Electrical and Electronics Engineering, St. Joseph's College of Engineering. The Program was conducted to provide career guidance and courses available after school. We have collected the feedback forms from the participants and it was observed that they have found the program very useful and informative. We have distributed the e-certificates to the participants through their registered mail ID. Students from various schools like Amrita vidyalayam, St. John's public school, Sairam Vidyalaya, St. Anne Matriculation, etc., are actively participated.

DEPARTMENT OF MECHANICAL ENGINEERING

Sl No	Name of the Activity	Remarks												
1	 <p style="text-align: center;"> ATAL ALL INDIA COUNCIL FOR TECHNICAL EDUCATION <small>Nehru Mandala Marg, Vasant Kunj, New Delhi - 110 070</small> AICTE Training And Learning (ATAL) Academy Certificate This is certified that pravin Kumar, Assistant Professor of St. Joseph's College of Engineering participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Simulation of Welds and Optimization Techniques" from 2021-07-12 to 2021-07-16 at ANNAMALAI UNIVERSITY. </p>	<ul style="list-style-type: none"> ➤ Mr.K.Pravin kumar Participated in Five days online FDP under the topic of "Simulation of Welds and Optimization Techniques" organised by department of mechanical engineering Annamalai University, from 12th July to 16th July 2021 												
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  <p style="text-align: center;"> NPTEL-AICTE Faculty Development Programme <small>(Funded by the Ministry of HRD, Govt. of India)</small> This certificate is awarded to ARUN K for successfully completing the course Fundamentals of Combustion with a consolidated score of 50 % </p> </div> <div style="width: 45%;"> <p style="font-size: small;">This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository: https://npTEL.ac.in/noc/</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; font-size: x-small;"> Roll No: NPTEL21ME47524380017 TO ARUN K DEPARTMENT OF MECHANICAL ENGINEERING OLD BANGALORE ROAD CHENNAI TAMIL NADU - 600119 PIN NO: 600045 </div> <div style="border: 1px solid black; padding: 5px; font-size: x-small;"> Roll No: NPTEL21ME47524380017 TO ARUN K DEPARTMENT OF MECHANICAL ENGINEERING OLD BANGALORE ROAD CHENNAI TAMIL NADU - 600119 PIN NO: 600045 </div> </div> <table border="1" style="font-size: x-small; margin-top: 10px;"> <thead> <tr> <th>Scores</th> <th>Type of Certificate</th> </tr> </thead> <tbody> <tr> <td>>=90</td> <td>Elite+Gold</td> </tr> <tr> <td>75-90</td> <td>Elite+Silver</td> </tr> <tr> <td>>=90</td> <td>Elite</td> </tr> <tr> <td>40-89</td> <td>Successfully Completed</td> </tr> <tr> <td><40</td> <td>No Certificate</td> </tr> </tbody> </table> <p style="font-size: x-small;">No. of credits recommended by NPTEL-3 An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.</p> </div> </div>	Scores	Type of Certificate	>=90	Elite+Gold	75-90	Elite+Silver	>=90	Elite	40-89	Successfully Completed	<40	No Certificate	<ul style="list-style-type: none"> ➤ Dr.K.Arun has Completed a course cum Attended FDP on "Fundamentals of Combustion" Under NPTEL-AICTE FDP
Scores	Type of Certificate													
>=90	Elite+Gold													
75-90	Elite+Silver													
>=90	Elite													
40-89	Successfully Completed													
<40	No Certificate													

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING




Sl. No.	Title	Detail					
		S. No	Faculty Name	Date	Webinar /FDP attended/ workshop	Conducting agency	No. of days
1	Webinar/ FDP Attended By Faculty	1.	Dr.V. Rajinikanth	31.07.2021	WorkShop - Machine Learning for Image Classification	VIT University, Chennai Campus	01
		2.	Dr. Gnanaprakasam C N	26-7-2021 to 30-7-2021	FDP on Robotics and Automation	Sri Sai Ram Institute of Technology	5
		3.	Dr. N. Sri Madhava Raja	26-07-21 to 30-07-21	ATAL FDP	Consulting : Building a Vibrant Industry-Academia Ecosystem lab/Incubators/prototype lab-with adequate machinery, 3D printers, for quick prototyping of student Management.	5
		4.	Dr. N. Sri Madhava Raja	13-07-21 to 17-07-21	ATAL FDP	Leadership Excellence	5
		5.	Dr. G .Sivagurunathan	28-06-21 to 03-07-21	FDP on Emerging Techniques in Bio medical Instrumentation	Koneru Lakshmaiah Education Foundation, Gundur, Andhra Pradesh	6
		6.	Dr. G .Sivagurunathan	05-7-2021 to 17-7-2021	FDP on Data Science(AI with ML)	Kumaraguru College of Technology, Coimbatore	14
		7.	Mr.S.Sivakumar	12-07-21 to 16-07-21	ATAL FDP on " Electrical Distribution System Analysis with Renewable Energy Sources"	National Institute of Technology, Kurukshetra	5
		8.	Mr.N.Hariprasad	05-07-2021 to 09-07-	ATAL FDP on "Medical Image Processing and 3D Applications"	University College of Engineering,	5

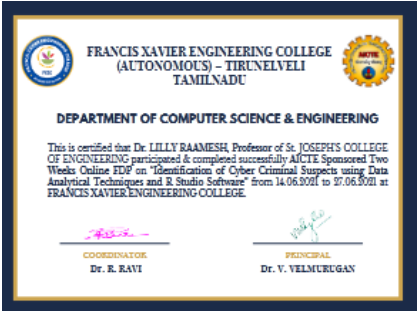


				2021		Kakatiya University	
		9.	Mr.A.Sadeesh Kumar	05-07-2021 to 09-07-2021	ATAL FDP on “Medical Image Processing and 3D Applications”	University College of Engineering, Kakatiya University	5
		10.	Ms.Kirthini Godweena.A	05-07-21 to 09-07-21	ATAL FDP on Machine Learning and Computer Vision	Vignans Foundation for Science Technology and Research University	5
		11.	Mrs.M.Angelin Ponrani	05-07-21 to 09-07-21	ATAL FDP on “ FPGA Based Deep Learning Applications in Signal Processing “	KLE Technological University, Hubli, Karnataka	5
2	Publications	S.No	Faculty	Title of the paper		Date	Journal
		1.	Dr.V. Rajinikanth	Semi/Fully-Automated Segmentation of Gastric-Polyp Using Aquila-Optimization-Algorithm Enhanced Images		July 2021	Computers, Materials & Continua DOI:10.32604/cmc.2021.019786 Journal (IF:3.772)
		2.	Dr.V. Rajinikanth	Development of CNN scheme for COVID-19 disease detection using Chest Radiograph		July 2021	Australian Patent Reference Number: 2021104727 (Applied)
		3.	Dr. N.Sri Madhava Raja	Extraction and Evaluation of Corpus Callosum from 2D Brain MRI slice: A study with Cuckoo Search Algorithm"		July 2021	Journal of Computational and Mathematical Methods in Medicine.
		4.	Dr. G. Sivagurunathan	Design of Centralized Controller for Multivariable Process Using MOPSO Algorithm		July 2021	Indian Journal of Science and Technology DOI: 10.17485/IJST/v14i26 .
		5.	Dr.S.Meena	Modified Approach of NaFA based on its Step Size and its Performance in Bioreactor Processes		July 2021	Indian Journal of Science and Technology DOI: 10.17485/IJST/v14i26.95
		6.	Mr.D.Sankaran	Modified Approach of NaFA based on its Step Size and its Performance in Bioreactor Processes		July 2021	Indian Journal of Science and Technology DOI: 10.17485/IJST/v14i26.95


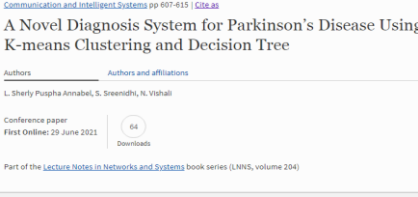
		7.	Mrs.M.Nivethitha Devi	Modified Approach of NaFA based on its Step Size and its Performance in Bioreactor Processes	July 2021	Indian Journal of Science and Technology DOI: 10.17485/IJST/v14i26.95
		8.	A.Kirthini Godweena	Design of Centralized Controller for Multivariable Process Using MOPSO Algorithm	July 2021	Indian Journal of Science and Technology DOI: 10.17485/IJST/v14i26.539
		9.	Mrs.M.Angelin Ponrani & Ms.A.Kirthini Godweena	Aircraft Pitch Control Using PID Controller	July 2021	IEEE Conference
		10.	Mrs.M.Angelin Ponrani & Ms.A.Kirthini Godweena	Aircraft Pitch Control Using PID Controller	July 2021	Best Paper Award

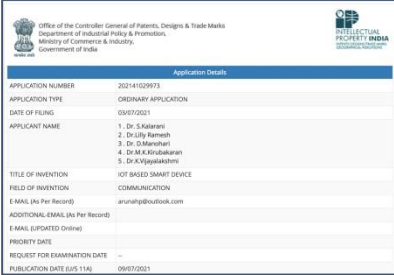
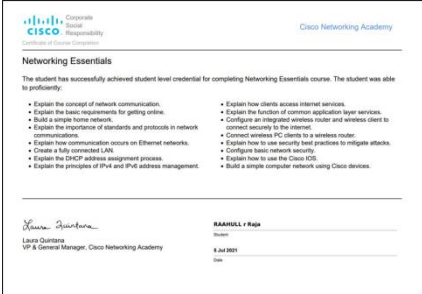
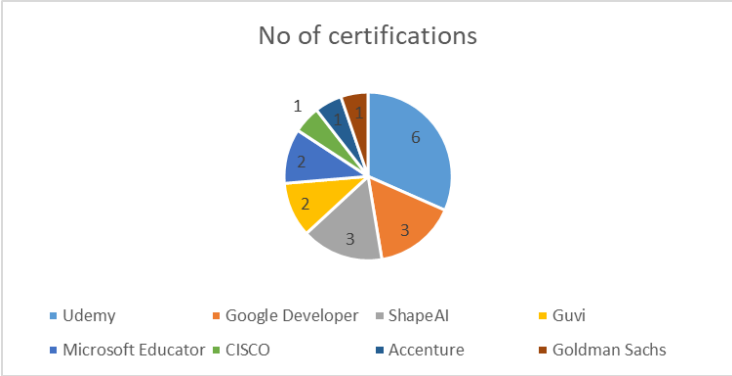
3.	Event Conducted	S.No	Faculty Name	Date	Event Title	Type of Event	No. of Days
		1.	Dr. V.Rajinikanth Dr. N.Sri Madhava Raja	11-07-21 and 18-07-21	1. Explore your Passion for Conventional Engineering 2. Explore your Passion for Conventional Engineering	School Event Series	2
		2.	Mrs. R Angel Sujitha	12.07.2021	Positive and Productive in the war against Corona	School Event	1
		3.	Dr.B.Senthil Kumar, Mr S.Sivakumar	16-7-21 & 17-7-21	Math builds your Brain	School Event Series	2
		4.	Mrs.M.Nivethitha Devi Mrs.C.Rama Devi	20.07.21	Scope of Instrumentation	School event	1
		5.	Dr. N.Sri Madhava Raja Mr. R.Elavarasan	25.07-21	Mock Interview by Alumni	Placement Preparation	1
		6.	Dr. V. Vijayan and Mr. R. Elavarasan	26.07.2021	Know your Sensor and Instruments-Online Quiz	School Event	1

DEPARTMENT OF INFORMATION TECHNOLOGY



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3	 <p>Published a paper in Scopus Indexed Journal. Co-author: R. Deepa</p>	<p>T. Daniya, R. Deepa, K. Suresh Kumar, “A Deep Learning Approach for Pneumonia Detection and Classification”, Turkish Online Journal of Qualitative Inquiry (TOJQI), Vol. 12, No. 3, pp. 5110-5119, Publisher: Science Research Society, E-ISSN 1309-6591, July 2021. (Scopus Indexed Journal)</p> <p>Abstract. Pneumonia is an illness, which happens in the lungs brought about by a bacterial disease. Early finding is a significant factor as far as the fruitful treatment measure. Largely, the illness can be analyzed from chest X-beam pictures by a specialist radiologist. The judgments can be emotional for certain reasons, for example, the presence of sickness, which can be muddled in chest X-beam pictures or can be mistaken for different infections. This venture proposes a Convolutional Neural Network model prepared to characterize and recognize the presence of pneumonia from an assortment of chest X-beam picture tests. Dissimilar to different strategies that depend exclusively on move learning draws near or conventional carefully assembled procedures to accomplish an astounding arrangement execution, we build a Convolutional Neural Network model without any preparation to extricate highlights from a given chest X-beam picture and characterize it to decide whether an individual is tainted with pneumonia. This model could help alleviate the dependability and interpretability challenges frequently confronted when managing clinical symbolism. As it is hard to acquire a lot of pneumonia dataset for this order task, along these lines, we might want to send some information increase calculations to improve the approval and characterization precision of the CNN model</p>
4	 <p>Published a paper in Springer Lecture Notes in Networks and Systems Author: L. Sherly Puspha Annabel Student Authors: S. Sreenidhi, N. Vishali</p>	<p style="text-align: center;">(Staff and Student Publication)</p> <p>L. Sherly Puspha Annabel, S. Sreenidhi, N. Vishali, “A Novel Diagnosis System for Parkinson’s Disease Using K-means Clustering and Decision Tree”. In: Communication and Intelligent Systems. Lecture Notes in Networks and Systems, Publisher: Springer, Singapore, Print ISBN: 978-981-16-1088-2, Online ISBN: 978-981-16-1089-9, https://doi.org/10.1007/978-981-16-1089-9_48, Vol. 204, pp. 607-615, June 2021.</p> <p>Abstract. Parkinson's disease (PD) is an advanced neurological illness that causes tremor. As there is no particular system for the identification of PD, it is essential to design an automatic diagnostic system that assists the neurologists. In this work, we have established a new system that addresses PD diagnosis problems. This paper proposes an intelligent system named K-means clustering classification decision tree (k-CCDT) that makes use of unsupervised learning methods to accurately predict the disease. The system makes use of a K-means clustering algorithm to divide the data into classes, and the decision tree classification is performed to identify to which class the test data belong to. The PD dataset is categorized by 23 attributes based on the acoustic analysis of voice. Experimental results proved that the proposed system will act as a dominant method for diagnosing PD accurately for the test dataset with an accuracy of 95.56%.</p>

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5	 <p style="text-align: center;">Patent published by Dr. Lilly Raamesh</p>	<p>Title of the invention : IoT Based Smart Device Name of Inventor : Dr. S. Kalarani Dr. Lilly Raamesh Dr. D. Manohari Dr. M. K. Kirubakaran Dr. K. Vijayalakshmi Patent Number: 202141029973 Date of filing of Application : 3-7-2021 Publication Date: 9-7-2021</p>																		
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DEPARTMENT OF MATHEMATICS AND ENGLISH

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1	Dr.K.Sasikala	Revised Accreditation Framework for Quality Enhancement in Higher Educational Institutes	14-07-2021 to 15-07-2021	Sai Ram Engineering College, Chennai																																														
2	Dr. H. Geetha	Post -Pandemic Careers & Entrepreneurship Opportunities	18-07-2021	Saveetha institute of medical and technical sciences																																														
3	Dr.N.Jose Parvin Praveena	Migration in the Age of COVID-19: Impact and Crisis	17-07-2021	DIGISAKSHAM																																														
4	Ms.K.Manasa	Third International Cross Regional Consultation	02-07-2021	MFA, USA																																														
5	Mr. V. Sabarethinam	Visuals in ESL Class Rooms	24-07-2021	Nesamony memorial christian college, Kanyakumari																																														



S. No	Name of the Staff	Topic Name	Date	Organized by
1	Dr.V.Vallinayagam	Sampling and Average sampling an Introduction	21-07-2021	Hindustan College Of Engineering And Technology
		Data Analysis Using R	05-07-2021 to 09-07-2021	Arul Anandar College
2	Dr.K.Sasikala	Sampling and Average sampling an Introduction	21-07-2021	Hindustan College Of Engineering And Technology
		E-Workshop on LaTeX	05-07-2021 to 09-07-2021	Gandhi Institute Of Technology And Management
3	Dr.Sweety I Diamond	E-Workshop on LaTeX	05-07-2021 to 09-07-2022	Gandhi Institute of Technology and Management
		Sampling and Average sampling an Introduction	21-07-2021	Hindustan College of Engineering and Technology
4	Dr.H.Geetha	E-Workshop On LaTeX	05-07-2021 to 09-07-2021	Gandhi Institute of Technology and Management
5	Dr.G.Purushothaman	E-Workshop on LaTeX	05-07-2021 to 09-07-2022	Gandhi Institute of Technology and Management
6	Dr.N.Jose Parvin Praveena	Sampling and Average sampling an Introduction	21-07-2021	Hindustan College of Engineering And Technology
		E-Workshop on LaTeX	05-07-2021 to 09-07-2021	Gandhi Institute of Technology and Management
		MATLAB for beginners	05-07-2021 to 09-07-2022	Srimad Andavan Arts and Science College
7	Dr.P.Agilan	Sampling and Average sampling an Introduction	21-07-2021	Hindustan College of Engineering and Technology
		Data Analysis Using R	05-07-2021 to 09-07-2021	Arul Anandar College
		E-Workshop on LaTeX	05-07-2021 to 09-07-2022	Gandhi Institute of Technology and Management

DEPARTMENT OF MBA

S.No	Events	Remarks
JULY 2021		
1		<p>DR.SP.KARUPPIAH</p> <ul style="list-style-type: none"> ➤ National level one week workshop on “Investor Awareness Program on Securities Market” at NISHITA DEGREE COLLEGE, NIZAMBAD From 25th June to 1st July
		<p>DR.SP.KARUPPIAH</p> <ul style="list-style-type: none"> ➤ FDP on "DATA ANALYTICS ESSENTIALS" conducted by ICFAI Business school, Bangalore- From 8th July to 10th July 2021 ➤ FDP on "Recent Advancement in Intelligent Technologies" conducted by Dept of CSE, Sathyabama Institute of Science and Technology, Chennai From 25th June to 9th July 2021
		<p>DR.SP.KARUPPIAH</p> <ul style="list-style-type: none"> ➤ Webinar on “Quality of Higher Education & Role of Research” Conducted by Sri durga Malleswara Siddharatha Mahila Kalasala,Vijayawada -12-07-2021



- Webinar on “Legal Entrepreneurship in New India”, Conducted by University school of Law & Legal Studies –**28-07-2021**

DEPARTMENT OF SCIENCE

Sl. No.	Events	Remarks
1	FDP/Workshop/Conference	<p><i>Lecture delivered:</i></p> <ol style="list-style-type: none"> 1. Dr. P. Krishnan delivered a lecture in the International online Faculty Development Program on “Emerging Trends in Science and Technology” conducted by “Easwarl Engineering College- Chennai” from 01.07.21 to 06.07.21. 2. Dr. K. Jayamoorthy delivered a invited talk in the “National webinar on Organic Synthesis and Spectroscopy” conducted by “Trinity College for Women, Namakkal” on 02.07.21. 3. Dr. P. Krishnan delivered a invited talk in the National webinar on” A Qualitative research approach on characterization techniques” conducted by “Trinity College for Women, Namakkal” on 08.07.21. <hr/> <p><i>NPTEL TRANSLATION</i></p> <ol style="list-style-type: none"> 1. Dr. S. Suresh acted as NPTEL translator for the course “Introduction to Electromagnetism” offered by IIT Kanpur . 2. Ms. J. Sharmila acted as NPTEL translator for the course “Basic Principles and Calculations in Chemical Engineering” offered by IIT Guwahati . <hr/> <p><i>ATAL-AICTE FDP</i></p> <ol style="list-style-type: none"> 1. Dr. S. Suresh attended ATAL- AICTE FDP on “Electrospinning Nanofibers: Science, Technology and Applications” conducted by Indian Institute of Information Technology Nagpur from 12.07.21 to 16.07.21 2. Dr. S. Kiruba and Dr. N. Punitha had attended ATAL-AICTE FDP on “Photonics” conducted by IIT ,Bhilai from 19.07.2021 to 23.07.2021. 3. Dr. S. Kiruba, Dr. V. Swarnalatha, Dr. S. Rama, Ms. S. Savitha, Ms. J. Sharmila, Dr. N.R. Rajagopalan, Dr. B. Subash, Dr. S.M. Prakash and Dr. N. Punitha had attended ATAL-AICTE FDP on “Smart Materials for Energy and Environment” conducted by “University College of Engineering, Villupuram” from 26.07.2021 to 30.07.2021. <hr/> <p><i>Participated:</i></p> <ol style="list-style-type: none"> 1. Dr. G. Murugan, Dr. N.R. Rajagopalan, Dr. S. Prakash, Dr. B. Subash, Dr. K. Jayamoorthy, Dr. V. Swarnalatha, Ms. J. Sharmila, Ms. S. Savitha, Dr. S. Kiruba, Dr. N.

Punitha, Dr. K. Sathesh Kumar, Ms. A. Arulmozhi, Ms. A. Mahalakshmi attended International online Faculty Development Program on “Emerging Trends in Science and Technology” conducted by “Easwari Engineering College- Chennai” from 01.07.21 to 06.07.21.

2. Dr. K. Sathesh Kumar attended National webinar on “Innovative Technology & Applications - Smartphone based classroom experiments” conducted by “SRM Institute of Science and Technology, Ramapuram” on 05.07.21.

3. Dr. V. Swarnalatha, Ms. J. Sharmila, Ms. S. Savitha, Dr. K. Jayamoothy, Dr. N.R. Rajagoapalan, Dr. G. Murugan, Ms. A. Mahalakshmi attended the National webinar on “A Qualitative research approach on characterization techniques” conducted by “Trinity College for Women, Namakkal” on 08.07.21.

4. Dr. A. Uma Devi, Dr. K. Jayamoorthy, Dr. N.R. Rajagopalan, Dr. P. Saravanan attended National online FDP on “Recent Chemistry applications in environment and human health” conducted by “K. Ramakrishnan College of Engineering, Samayapuram” from 12.07.21 to 14.07.21.

5. Mr. S. Kaleel Mohamed Ibrahim, Dr. S. Kiruba, Ms. A. Arulmozhi, Dr. N. Punitha attended National online FDP on “Advanced Topics In Physics” conducted by “St. Mary's College - Thoothukudi” from 12.07.21 to 17.07.21.

8. Dr. S. Rama attended National online FDP on “Recent Trends in Solar cells” conducted by “PSG College of Arts and Science, Coimbatore” from 13.07.21 to 20.07.21.

9. Ms. J. Sharmila, Ms. S. Savitha, Dr. K. Jayamoorthy, Dr. S.M. Prakash, Dr. B. Suabsh, Dr. N.R. Rajagopalan, Dr. G. Murugan, Dr. A. Uma Devi, Dr. V. Swarnalatha attended International webinar on “Challenges and Opportunity to advanced materials” conducted by “Government arts College, Tiruchirappalli” on 14.07.21.

10. Ms. A. Mahalakshmi attended a national level webinar on “Basics of crystallography” conducted by “KSK Academy and Aaivalayam, Coimbatore” on 15.07.21.

11. Dr. A. Uma Devi attended a national level webinar on “Drug delivery” conducted by “Jamal Mohamed College, Tiruchirappalli” on 16.07.21.

12. Dr. V. Swarnalatha and Ms. S. Savitha attended a national level webinar on “Iron based MRI contrast Agents” conducted by “Jamal Mohamed College, Tiruchirappalli” on 17.07.21.

13. Dr. K. Sathesh Kumar attended National webinar on “Basics of Crystallography and XRD” conducted by “SRM Institute of Science and Technology, Ramapuram” on 20.07.21.

14. Dr. N. Punitha and Dr. P. Krishnan attended National webinar on “Studies on Our Nearest Star-Sun using Space Telescopes” conducted by “Govt. Nehru PG College, Dongargarh” on 22.07.21.

		<p>15. Dr. B. Subash and Dr. S.M. Prakash attended National webinar on “Impact of Covid 19 Drugs and Chemicals on Human Health and Environment” conducted by “Govt. Nehru PG College, Dongargarh” on 26.07.21.</p> <p>16. Ms. S. Savitha and Ms. J. Sharmila attended National webinar on “Stress Management” conducted by “Rajalakshmi Engineering College, Thandalam, Chennai” on 26.07.21.</p> <p>17. Ms. A. Mahalakshmi attended a national level webinar on “Advance Mechanics Surface Characterization Techniques and Application” conducted by “St. Joseph University, Nagaland” on 27.07.21.</p> <p>18. Mr. S. Kaleel Mohamed Ibrahim attended National webinar on “Need For Nuclear Energy” conducted by “Marudhar Kesari Jain College for Women, Vaniyambadi” on 29.07.21.</p> <p>19. Dr. K. Sathesh Kumar attended National webinar on “National Skill India Program on Advanced Materials for Next Generation Devices” conducted by “SRM Institute of Science and Technology, Ramapuram” on 30.07.21.</p>
2	Awards/Prize won by students	<p>1. Ms. U. Jamuna , I EEE B, has awarded second prize in Tamil debate “Cheppuga Senthamizh” conducted by IEEE, Dept. of EEE, St. Joseph’s College of Engineering, Chennai on 15.07.21.</p>
3	Publications(only published) details	<p>1. K. Jayamoorthy, B. Subash, Published a paper titled “ Binding interaction of 5-amino-2-mercaptobenzimidazole with Au-TiO₂: inhibition of switch-on fluorescence” in Inorganic and Nano-Metal Chemistry, 2021 DOI: 10.1080/24701556.2021.1952264.</p> <p>2. N. Punitha, K. Jayamoorthy, published a paper titled “ Effect of polyethylene glycol capping on structural, optical and thermal properties of ZnS:Ni²⁺ nanoparticles”, in Inorganic and Nano-Metal Chemistry, 2021, DOI: 10.1080/24701556.2021.1952241</p> <p>3. K. Jayamoorthy, published a paper titled “ Growth, characterization and theoretical studies of cadmium (II) thiourea complexes: a comparative study”, in Inorganic and Nano-Metal Chemistry, 2021, DOI: 10.1080/24701556.2021.1956965</p>
4	Other activities(if any)	<p>Department of Science conducted the following online events for school students:</p> <ol style="list-style-type: none"> 1) Ciencias – Connexions - 4.7.21 2) Razzle Dazzle puzzle – 6.7.21 3) Razzle Dazzle Pictionary – 7.7.21 4) Ciencias – Postercon – 7.7.21 to 12.7.21 5) Razzle Dazzle art and craft - 8.7.21 6) Ciencias – Buzz your treat – 10.7.21 7) Enhancing flairs trivia – 13.7.21 8) Enhancing flairs Logo quest – 14.7.21

	<p>9) Ciencias – Brilliant brushes – 15.7.21 10) Ciencias – Descanso – 15.7.21 11) Ciencias – Vibrant shades – 15.7.21 to 22.7.21 12) Brain power – 16.7.21 13) Sports world – Soccer quiz – 18.7.21 14) Ciencias – Catch the mystery – 22.7.21</p> <p>Department of Science conducted the following student hosted knowledge series webinars:</p> <ol style="list-style-type: none">1. Getting smart – God Particle –by Ms. Sai Priyadarshini – I EEE C on 06.07.212. Getting smart – Hyperloop– by Ms. Sameeksha S A – I EEE C on 06.07.213. Getting smart – Wonders of satellite communication –by Mr. Yashwin R – I ECE C on 16.7.21
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