KIOTZINE

(A Bi-annual E-newsletter)

EDUCATION EMPOWERMENT EXCELLENCE

We joined KIOT SUCCESS joined with us...

KIOTZINE

(A Bi-annual E-newsletter)

KNOWLEDGE INSTITUTE OF TECHNOLOGY, SALEM

Accredited by NAAC & NBA, Approved by AICTE, New Delhi and
Affiliated to Anna University, Chennai
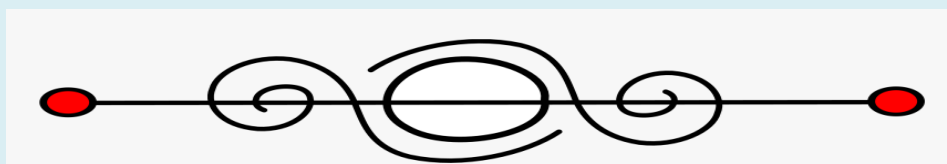
Volume: 24

Issue: June 2021
(January – June 2021)

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KIOT*ZINE*

Message from the Principal

KIOT is founded by academic Professors who are very passionate in imparting academic excellence and making the students readily employable. The Institute is very structured in terms of infrastructure, curricular, co-curricular and extracurricular activities for students.

I deem it a great pleasure in appreciating the bi-annual E-newsletter **KIOT*ZINE*** which throws a spark on various events happened at the institute. It is an endeavour to acquaint its readers with the achievements of the KIOT fraternity.

With best wishes,
Dr. PSS. Srinivasan
Founder & Principal

Awards & Achievements of the Institution
ATAL Ranking on Innovation Achievements

KIOT is recognized with **Band B** among Self-financing institutes in **Atal ranking** Institution on Innovation Achievement (ARIIA).

Establishment of Institution Innovation Council

KIOT has established various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and start-up in campus.

Knowledge Institute of Technology – Innovation and Start-up Policy (KIOT-ISP)

Orientation Session for stakeholders towards Adoption of Knowledge Institute of Technology – Innovation and Start-up Policy (KIOT-ISP) in line with National Innovation and Start-up Policy (NISP)

National Employability Award -2021

KIOT grabs the **National Employability Award -2021** from Aspiring Minds for being one amongst the top 10% colleges in Tamil Nadu that excelled in AMCAT 2021.

## Institution Level Activities
Yoga & Meditation Club

National Service Scheme and Yoga & Meditation Club of Knowledge Institute of Technology jointly organised "International Day of Yoga 2020-21" in online mode. More than 300 faculty and students have participated in International Day of Yoga celebration.

The Chief Guest Dr.R.Vetrivendan, Siddha Doctor, Government Hospital, Vembadithalam brought out the importance of Yoga in our day-to-day life and further he talked about the role of Yoga in overcoming pandemic. The guest demonstrated various Asanas and Pranayas which are helpful to keep both physique and mind healthy. Webinar duration was 70 minutes. It can be viewed at " **Infokiot** " YouTube channel.

All faculty and student participants performed Yoga and got benefited.
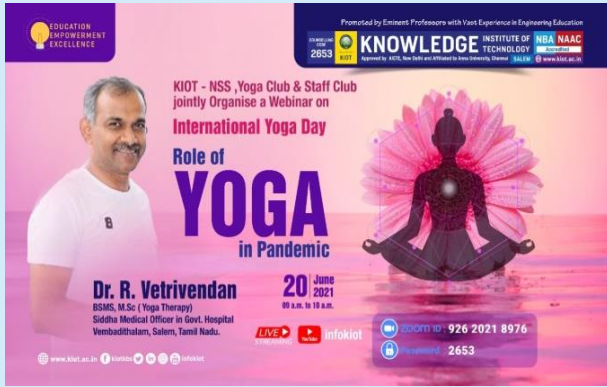
International Yoga Day was celebrated on 20.06.2021 under the auspices of KIOT's Yoga Club & Staff Club and a Webinar was arranged on **Role of Yoga in Pandemic.**

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IQAC & NSS Unit

KIOT IQAC & NSS jointly organizes a webinar on COVID Positive Psychology Program on 10.06.21.Resource Person - Dr. Uma Rani Purushothaman.

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Internal Quality Assurance Cell (IQAC)
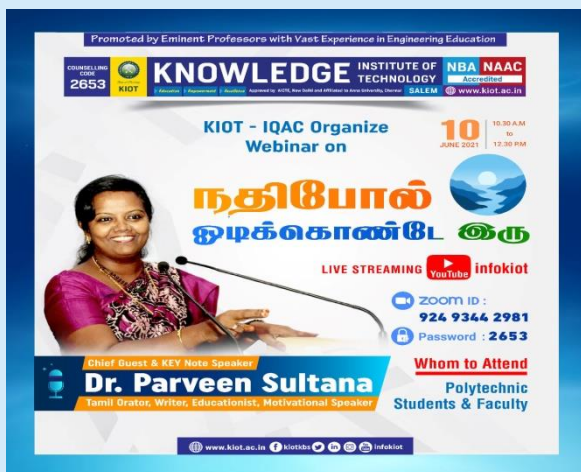
A Free online Motivation program on the topic "நதிபோல் ஓடிக்கொண்டே இரு" for Polytechnic Students and faculty on 10/06/2021 & the Resource Person was Dr. ParveenSulthana , Motivational Speaker.

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Staff Club

Staff Club Program- **How to Protect Ourselves from Covid 19 Second Wave** on 03.06.2021. Resource Person was **Dr. PalaniveluRajmohan,** Associate General Manager- HSE, Toshiba JSW power systems Pvt. Ltd.

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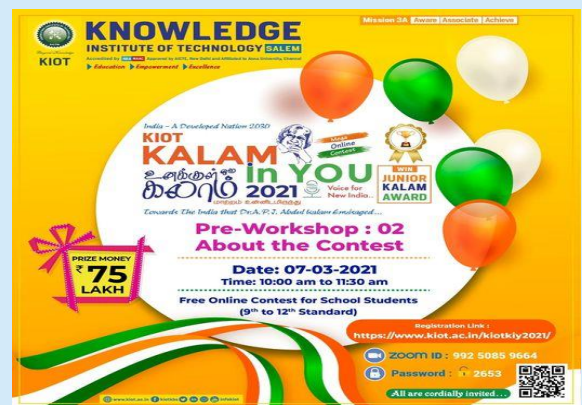
One day Seminar on **Centum makers 100/100 in Mathematics** for +2 students was organized on 28.03.2021.

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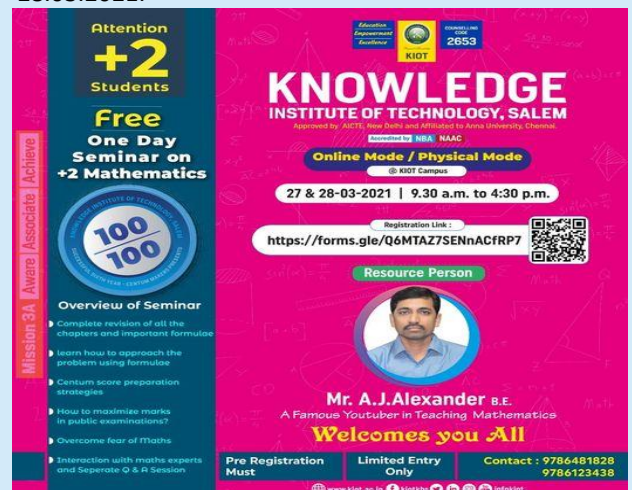
Entrepreneurship Development Cell

Entrepreneurship Development Cell of KIOT organizes workshop on **Business Model Canvas** through Google Meet @ 3:00 pm on 30.03.2021. Chief Guest was **Prof.Stephen Deepak**, ASP, School of Management, Kristu Jayanti College, Bengaluru.
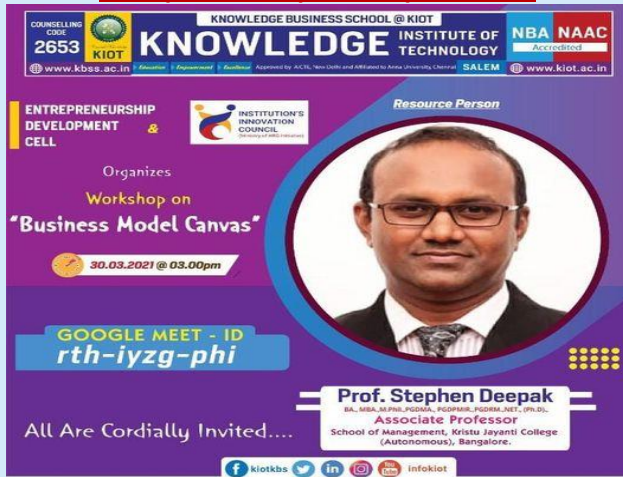
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Women Empowerment Cell

Women Empowerment Cell (WEC) of Knowledge Institute of Technology in association with **ALL Ladies League (ALL),** organized a conference on "Choose to Challenge by Rethinking Opportunities- Women in Manufacturing Sector"on 27th March 2021through virtual mode.

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Alumni Connect Program

Alumni Program—Bengaluru Regional Chapter Alumni Connect on 06.02.2021.

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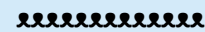
KIOT – KALAM IN YOU CONTEST

The Pre-workshop about contest *KIOT-KALAM in YOU 2021* and Launching ceremony was organized on 24/01/2021 at 10.45am. The Chief Guest was Dr. S. Krishnakumar, Senior Technical Officer-Ministry of Defence, DRDO Scientist.

Fine Arts Club

Our Students showcased their talent in Music on 08.01.2021 at 5:00 pm in order to pay homage to **PadumVanambadi, Padma Shri. S. P. Balasubramaniyam.** This was a virtual concert.

Entrepreneurship Development Cell

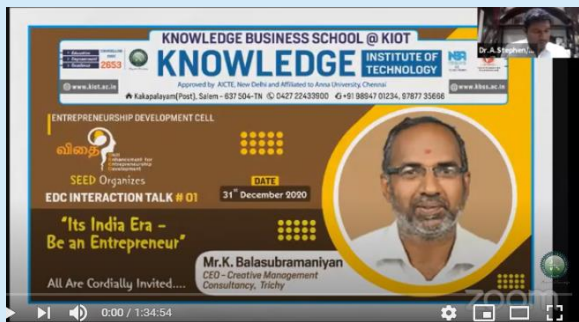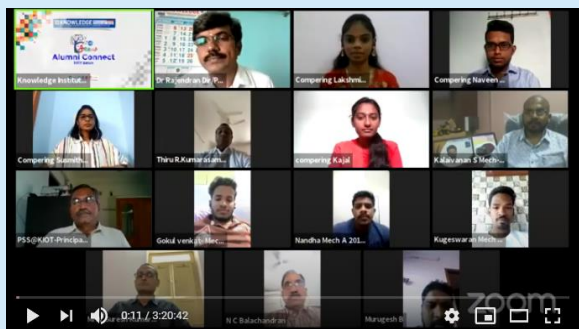Entrepreneurship Development Cell organised an EDC Interaction Talk on "Its India Era – Be an Entrepreneur" dated 31.12.2020. The Chief Guest of the Programme is **Mr.K.Balasubramaniyam**, CEO-Creative Management Consultancy, Trichy.

KIOT **ALUMNI CONNECT- SANGAMAM [2017 BATCH]** was organised on 13.12.2020 through online.

FDP on **MENTORING** (PHASE II-ADVANCED LEVEL) was organized on 23.12.2020. **Ms.Brindha Ashok** and **Mr.K.A.Gowtham** were resource persons. Around 115 teaching faculty of KIOT were trained.

Staff Club

KIOT Staff Club organised Good Health and Well Being webinar series on **Sweet Life without Sweet** on 25.12.2020 through online. **Dr.SenthilRaja, Consultant, Diabetologist& Endocrinologist, SKS Hospital,** Salem was the Chief Guest.

DEPARTMENT LEVEL EVENTS

Department of Mechanical Engineering
Club Activities

Industry Institute Interaction was organized on 03.06.2021. Resource Person was **Mr.A.Vijeshkumar,** Business Manager-Training Services, HaritaTechserv Limited, Coimbatore.
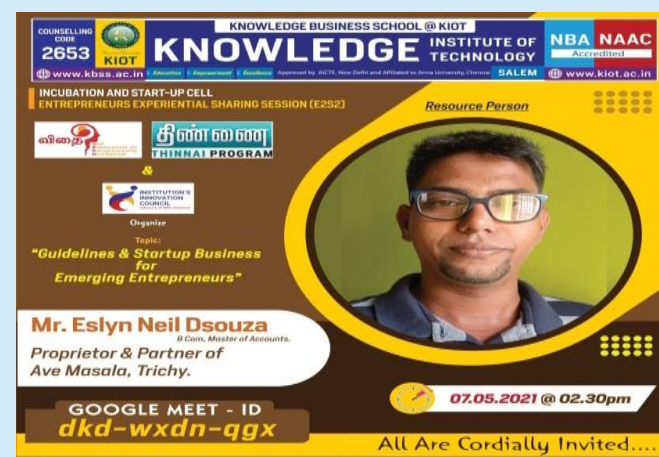
Entrepreneurs Experimental Sharing Session was organized on 07.05.2021. Resource Person was **Mr.Eslyn Neil Dsouza,** Proprietor & Partner, Ave Masala, Trichy.

National level Webinar on **Creativity & Innovation for Start-ups** was organized online on 19.05.2021. Resource Persons were **Dr. Lalitsharma**, Faculty, EDII, Ahmadabad & **Mr. ShibinMohmed**, Assistant Faculty, EDII, Ahmadabad.

Webinar on **10 steps to become an Entrepreneur & Government Schemes for Entrepreneur** was organized on 29.05.2021. **Dr. E. Bhaskaran,** Joint Director & DGM, Department of Industry & Commerce, Chennai was the resource person.

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AICTE-ISTE Sponsored Six Days Induction/ Refresher Programme

AICTE-ISTE Sponsored Six Days Induction/ Refresher Programme on **Online Teaching & Learning Pedagogy** from 05.04.2021 to 10.04.2021.

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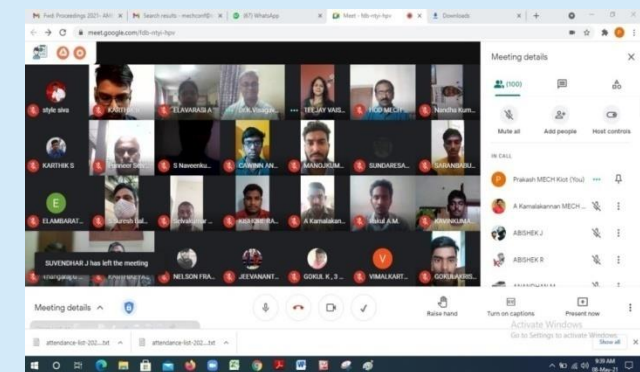
Seventh National Conference on Advancements in Mechanical, Environmental, Safety and Health Engineering" AMESHE-2021 (Virtual Platform) on 08.05.2021. Resource Person was Ms. VAISHNAVI VIGNESH RAJA, Director - EQuad Engineering Services & Vice President - Operations & Strategy - SECO Controls Pvt. Ltd., Chennai.
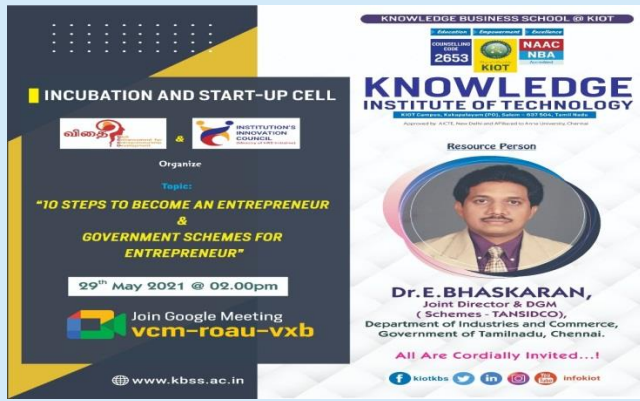
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Manufacturing & Industrial Engineering Club
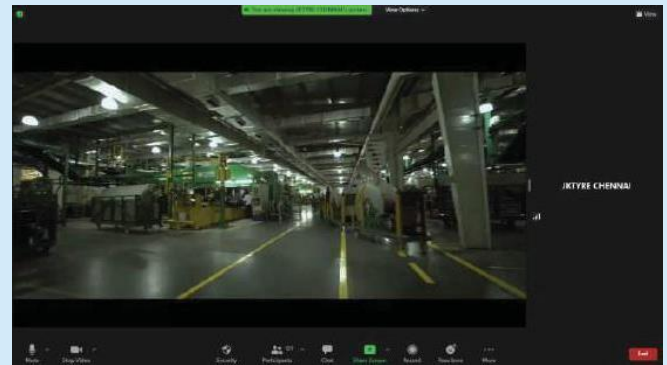
Guest Lecture on **Virtual Industrial Visit of Tyre Manufacturing Process – JK Tyre & Industries Limited** was organised on 30.03.2021. Chief Guest was Mr. S. Maheswaran, Manager – Training & Development, JK Tyre & Industries Ltd.

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FLAME – Mechanical Engineering Association

Reimagine your Employability Skills in the Digital World and in the COVID-19 Situation" through FLAME – Mechanical Engineering Association on 06.03.2021. Chief Guest was Mr.N.C.Balachandran, Senior Placement Consultant, KIOT, Salem.

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AICTE – ISTE sponsored Online teaching learning pedagogy from 01.03.2021 to 06.03.2021. The Resource Persons were:
1. Prof.S.L.Satheesh Kumar, Former Principal Consultant,Wipro Mission 10X
2.Dr.Rajeev Sukumaran
Senior Advisor - SRM Centre for AppliedResearch in Education
3.Dr. G. Vairavel
Head - SRM Centre for Applied Research inEducation
4.Mr.BaskarSelvaraj
Chief Executive Officer,LinuXpert Systems, Chennai

5. Dr.G.Janaki
Asst. Professor, SRM Centre for AppliedResearch in Education
6.Dr.Radhakrishnan
Asst. Professor, SRM Centre for AppliedResearch in Education

Alumni Connect Program

KIOT - Chennai Regional Alumni Connect
231 views • Streamed live on Jan 30, 2021   👍 15 👎 0 ➦ SHARE ⯇₊ SAVE •••

Alumni Connect-Chennai Regional Chapter on 30.01.2021.

Training Program for Students

Year/Class/Section	Training details
III/MECH/A&B	08.04.2021 to 22.04.2021 Aptitude Training Slot II (Online), APT Aptitude Training, Chennai.
III/MECH/A&B	08.04.2021 to 23.04.2021 Online Programming Training Phase II, Skill rack Portal.
III/MECH/A&B	17.05.2021 to 23.05.2021 ZOHO intensive trainingII (online), Ambisoft, Chennai
III/MECH/A&B	18.05.2021 to 23.05.2021 Intensive Programming trainingII (online), Internal College Faculty
III/MECH/A&B	31.05.2021 to 11.06.2021 Aptitude Training Phase II (online), APT Aptitude Training, Chennai.
III MECH A & B	29.05.2021 Resume Writing webinar Mr. Naveen William, Campus Recruiter, Lumen Technologies, Chennai.

Students Achievements

Around 1500 Plus students from 50 colleges participated in the ICTACT AUTODESK workshop followed by the design competition from which the below student from our institution has been shortlisted to participate in the Grand Finals India Design Week.

Congratulations to Finalist

Guruprasad K - II MECH A
Loganayaki - II MECH A
Sathyanarayanan V - II MECH A

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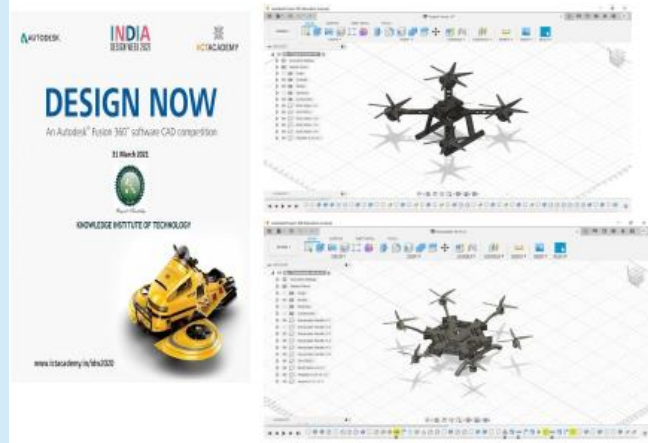
Faculty as External Resource Persons

AICTE - ISTE Sponsored Six Days Induction / Refresher Programme on "Online Teaching & Learning Pedagogy"
Resource Persons for Teaching & Learning Pedagogy
01st - 06th March 2021

Dr. PSS. Srinivasan, Founder & Principal, KIOT. Professor, Dept. of Mechanical Engineering, Knowledge Institute of Technology.

Dr. K. Visagavel Vice Principal, KIOT. Professor, Dept. of Mechanical Engineering, Knowledge Institute of Technology.

Mr. M. Sathyanathan, Associate Professor, Dept. of Mechanical Engineering, Knowledge Institute of Technology.

Dr. K. S. Prabhakaran, Assistant Professor, Dept. of Mechanical Engineering, Knowledge Institute of Technology.

Faculty Participation/Presentation in Conferences, FDPs, etc.

Name of the Faculty	Nature of the Program and Title	Date
Prof.J. Prakash Prof.A.Elavarasi	5-day online FDP on "Inculcating Universal Human Values In Technical Education" organized by AICTE	03.05.2021 to 07.05.2021
Prof.K.Mugundhan	5-day online FDP on "Inculcating Universal Human Values In Technical Education" organized by AICTE	17.05.21 to 21.05.21
Prof.P.Vijay	Future and Challenges in Engineering, Krishna	14.05.2021 to

	Engineering College, Ghaziabad	18.05.2021
Prof.K. Anand Kumar	National Webinar Education for Social Emancipation, MannarThirumalaiNaicker College, Madurai	03/06/2021 to 05/06/2021
Prof.K.Mugundhan	3 day online FDP on "Application of A.I in Mechanical Engineering" organized by Dr.N.G.P. Institute of Technology, Coimbatore.	06.06.21 to 04.06.21
Dr.K. S.Prabhakaran	One Week Short Term Training Programme through ICT Mode on "NBA Accreditation and SAR Preparation" organized by National Institute of Technical Teachers Training and Research (NITTTRK)Kolkata	07.06.2021 to 11.06.2021
Dr.N.Panneerselvam	One Week Short Term Training Programme through ICT Mode on "NBA Accreditation and SAR Preparation" organized by National Institute of Technical Teachers Training and Research (NITTTRK)Kolkata	07.06.2021 to 11.06.2021
Dr.K.Visagavel	One Week Short Term Training Programme through ICT Mode on "NBA Accreditation and SAR Preparation" organized by National Institute of Technical Teachers Training and Research (NITTTRK)Kolkata	07.06.2021 to 11.06.2021
Prof.P.Karthikeyan	Technology based Entrepreneurship Development Programme organized by IIIT SRI CITY,Chithoor.	12.04.2021 to 22.05.2021
Prof.K. Anand Kumar	National Webinar on "Literature and Culture - Transcending Boundaries" organized by Govt. Nehru PG College, Dongargarh	16/06/2021
Prof. C. Eswaramoothy Prof. S. Santhosh	ICY Academy virtual FDP on 'Sheet Metal Design Using Solid Works'	25.01.20201 to 30.01.2021
Prof. M. Sathyanathan Prof. N. Kamalakannan Prof. S. Sureshbalaji S Prof. P. Madheswaran Prof. K. Banupriya K Prof. B. Indumathi B Prof. R. Venkatraman R Prof. R. Vinothkumar R Prof. V. G. Giriprasad Prof. S. Santhosh	ATAL FDPL on Internet of things((IOT)	01.02.2021 to 05.02.2021

Prof.C.Eswaramoothy	Faculty Development Program on "Essentials of Solid Edge(Online Live FDP)"- conducted by ICT Academy	14.12.2020 to 18.12.2020
Prof.J.Prakash	AICTE sponsored one week Online STTP on "Applications of Artificial Intelligence Towards Industry 4.0"	14.12.2020 To 19.12.2020
Dr.K.S.Prabhakaran	Paradigm Shift In Assessment And Evaluation Practices For Engineering Graduates	07.12.2020 to 12.12.2020
	one week STTP on " IOT Based Manufacturing and Design - Challenges and Opportunities"	14.12.2020 to 19.12.2020
Prof.K.V.Rangasamy	Internet of Things	07.12.2020 to 11.12.2020
Prof.SNandha Kumar	CATIA,Nx cad, Ansys courses	19.12.2019 to 10.11.2020
Prof.K.Mugundhan	3D Printing & design	07.12.2020 to 11.12.2020
Prof.S.Santhosh	FDP on Mentoring	22.12.2020 to 23.12.2020
Prof.V.Karthikeyan	3D Printing & design	07.12.2020 to 11.12.2020

Faculty Publication Details

Name of the Faculty	Title of the Paper	Journal detail
Prof.T. Karthikeyan	Microstructure Analysis of IS2062 Plates Cladded with SS2594 by TIG Welding Process	Journal of New Materials for Electrochemical Systems Vol.23, No.4, October, 2020, pp. 269-273 http://new-mat.org http://iieta.org/journals/jnmes
Prof.S.Sureshbalaji	Optimization of the Linear Layout Problems Using Improved Tabu Search Algorithm	Interciencia Journal Vol.46, No.1, 2021, pp. 21-28
Dr.K.Visagavel	Optimization of the Linear Layout Problems Using Improved Tabu Search Algorithm	Interciencia Journal Vol.46, No.1, 2021, pp. 21-28
Prof.K.Mugundhan	Performance Enhancement Of Air Conditioner Using Porous	International Research Journal Of Modernization In Engineering Technology And Science Volume:03/Issue:05/May-

	Structure	2021 e-ISSN: 2582-5208 PP.552-561
Prof. S.Sureshbalaji	Optimization of the Linear Layout Problems Using Improved Tabu Search Algorithm	Interciencia Journal Vol.46, No.1, 2021, pp. 21-28
Dr.K.Visagavel	Optimization of the Linear Layout Problems Using Improved Tabu Search Algorithm	Interciencia Journal Vol.46, No.1, 2021, pp. 21-28

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Department of Electronics and Communication Engineering

ISTE- Periyar Award

Dr. N. Santhiyakumari, Professor & Head, Dept. of ECE has been awarded with **ISTE- PERIYAR Award for the Best Engineering College Teacher** for the year 2020.

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Club Activities

AICTE Sponsored Short Term Training Program on "Applications of Artificial Intelligence in Overcoming the Challenges in Health Care Industry" from 04.01.2021 – 09.01.2021. The Resource Persons were:

1. Dr.DeepakGarg, Professor and Chair, Bennet University, Greater Noida.
2. Dr.N.SanthiyaKumari, Professor and Head, Department of ECE, KIOT
3. Dr.R.Dhanalakshmi, Associate Professor and Head, Department of CSE, IIT, Trichy.
4. Dr.M.Venkatesan, Associate Professor, Department of CSE, NIT, Trichy.
5. Dr.ShivashankarB.Nair, Professor, Department of CSE, IIT, Guwahati.
6. Dr.T.V.Geetha, UGC-BSR Faculty Fellow, Retd. Senior Professor, CEG, Chennai.
7. Dr.U.S.Ragupathy, Professor, Department of EIE, KEC, Perundurai.
8. Mr.V.S.Ramesh, Director, Steps Knowledge Services, Coimbatore.
9. Mr.P.Shanmugasundaram, Assistant Professor, Department of ECE, KIOT
10. Mr.V.Saravanan, Associate Professor, Department of ECE, KIOT
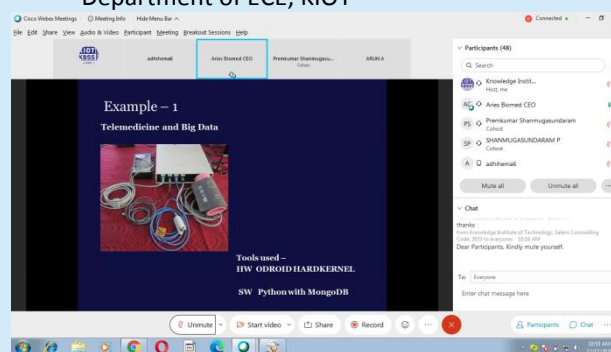
11. Dr.Uma Shankar Subramaniam, Department of Communication and Networks, College of Engineering, Prince Sultan University, Riyadh, Saudi Arabia.
12. Mr.Pragadeesh, Founder, Director Aries Bio med Technology, Coimbatore.
13. Mr.G.Shajan, Director, Maestro Medi tech Private Limited, Coimbatore.
14. Mr.R.Shanmugasundaram, Assistant Professor, Department of ECE, KIOT
15. Mr.S.Prem Kumar, Assistant Professor, Department of ECE, KIOT

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ATAL Sponsored FDP on "Internet of Things, Principles, Paradigms and Applications".

The resource persons were:

1.Dr.P.SanthiThilagam, Professor / CSE, NIT Surathkal
2. Dr.PadmanabanRamasamy, Director, R&B Defence and Aerospace, Eishaa Network Inc., Chennai.
3. Dr.L.S.Jayashree, Professor / CSE, PSG College of Technology, Coimbatore.
4. Dr.Shajulin Benedict, Assistant Professor / CSE, Faculty-in-charge (R&D and International Affairs),IIT Kottayam.
5. Dr.VijayakumarKrishnaswamy, Assistant Professor / ECE, IITDM, Kancheepuram.

6. Dr.Munesh Singh, Assistant Professor / CSE, IITDM, Kancheepuram.

7. Mr.V.S.Ramesh, Director, STEPS Knowledge Services, Coimbatore.

8. Mr.NaveeneethMahalingam, Founder, Nunnari Lab (pvt) Ltd, Coimbatore.

9. Mr.G.Gowtham Raj, Senior Applicant Engineer, Enthu Technologies Solution India Private Limited, Coimbatore.

10. Mr.BabuRangarajan, Clinical Psychologists, TEDxSpeaker and International Trainer, Salem.

Training Programs for Students

Year/Class	Training details
Intensive Training for IV Year B.E students opted for Placements	• Programming Training has been given by internal faculty members from the department of Computer Science and Engineering • Aptitude training has been conducted
IV/ECE/A&B	Intensive Training for IV year B.E Placement Registered Students

Faculty Participation/Presentation in Conferences, FDPs, etc.

Name of the Faculty	Nature of the Program and Title	Date & Venue
Dr. N. Santhiyakumari		
Dr.M.Thangavel		
Prof.V.Saravanan		
Prof.P.Shanmugasundaram		
Prof.R.Shanmugasundaram		
Prof.M.Chandraman		
Prof.S.Veerakumar		
Prof.R.Hemalatha		
Prof.T.Devika		
Prof.N.Vigneshwaran	ATAL Sponsored Faculty Development Program on "Internet of Things Principles, Paradigms and Applications"	Feb 01/2021 to Feb 05/2021
Prof.A.Arun		
Prof.M.Srinivasan		
Prof.V.Nagaraj		
Prof.S.Premkumar		
Prof.G.Rajamanickam		
Prof.V.Vimalraj		
Prof.K.Gopi		
Prof.T.Praveen Kumar		
Prof.S.Hariharan		
Prof.M.Dinesh Kumar		
Dr.T.K.Santhi		
Prof.T.Raja		
Prof.J.Saritha		
Prof.P.Shyamaladevi		
Dr. T. K. Santhi	A two day National Level Online Seminar on Importance of Soft Skills for Career Enhancement organized by Shriram Sadashiv Dhamankar College of Commerce, Science and Arts, Nashik.	27.01.2021 & 28.01.2021
Prof.V.Nagaraj	3rdInternational Conference on Intelligent Sustainable Systems (ICISS) 2020	18 Feb 2021
Dr.T.K.Santhi	A two day national webinar on Exploring new possibilities in English Language Teaching in the 21st century'	21.12.2020 to 22.12.2020
Prof.T.Devika	University Distinguished lecture titled "Pursuit of excellence Institution of building".	12.12.2020
Dr. T. K. Santhi	A two day National Level Online Seminar on Importance of Soft Skills for Career Enhancement organized by Shriram Sadashiv Dhamankar College of Commerce, Science and Arts, Nashik.	27.01.2021 & 28.01.2021

Faculty Publication Details

Name of the Faculty	Title of the Paper	Journal Details
Prof.V.Nagaraj	An Intelligent and Hybrid Method of Combining Spatial and Frequency Representation for Digital Image Steganography	3rd International Conference on Intelligent Sustainable Systems (ICISS) 2020
	Motion discovery through change discovery filter matrix derived from the discrete cosine transform	Materials Today: Proceedings ISSN: 2214-7853
Prof.V.Nagaraj	Contrasting the performance metrics of discrete transformations on digital image steganography using artificial intelligence	Materials Today: Proceedings ISSN: 2214-7853
	Speech emotion recognition based on machine learning tactics and algorithms	Materials Today: Proceedings ISSN: 2214-7853

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Prof.V.Nagaraj	Internet of Things Based Automatic and Smart Speed Control Systems for Vehicles	Indian Patent 15/01/2021 (Published Date) 202041056460	
Prof.V.Nagaraj	An Intelligent Hybrid Method of Combining Spatial Frequency Representation for Digital Image Steganography	IEEE Conference Paper	

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Faculty Awards & Patents

Name of the Faculty	Award / Patent detail
Prof.V.Nagaraj	Won Best Paper Award in International Conference Title of the Paper : IoT Solutions for Smart Cities
	Patent 1) : PILL DISPENSING BOTTLE - Grant Patent Patent number : 334917-001 Publication date : 12/12/2020
	Patent 2) :IoT based smart water testing drone system for sewage testing process. Patent Number: 202041054166 A Publication: 18/12/2020
Prof. S. Hariharan	Patent :IoT based smart water testing drone system for sewage testing process. Patent Number:202041054166 A Publication date : 18/12/2020

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Department of Electrical and Electronics Engineering

Club Activities
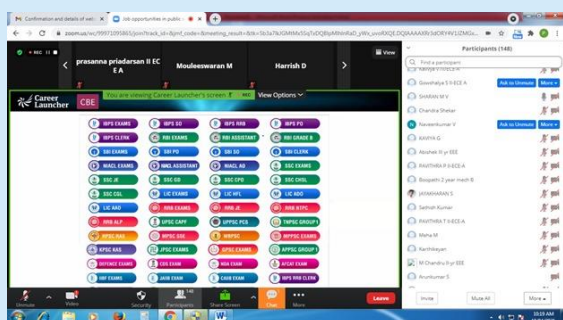
Webinar on Job Opportunities in the Public Sector & Preparation - Career Guidance Cell (CGC) on 10.04.2021. **Mr. V.Hariesh Kumar** Centre Head - Career Launcher Coimbatore was the resource person.

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Industry Institute Interaction was held on 08.04.2021and the resource person was**Mr.K.P.Rajaganesh,** Proprietor, K.G.Automation, Thiruppur.

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Students Participation/Presentation in Conferences, Symposia, etc.

Name of the student	Year	Title of the paper/project	Date & Venue
K. M.Dharshini		Presented a paper on "Smart Healthcare and Home Automation for Quarantined Victims"	19th April 2021 National Level Conference (NCIET'2021) organized at Narasu's Sarathy Institute of Technology, Salem
S. Mythily			
S. Kiruthika			
A.AnanthaPooja			
N.Praveen		IOT based Virtual Health care System using Smart Sensors	NCIET'2021 National Level Conference organized at Narasu's Sarathy Institute of Technology April 2021
V.Gunasekaran			
R.Manoj			
L.Gobinath			
S.Abaranji	IV Year	Smart Ambulance with Intelligent Traffic Control System	NCIET'2021 National Level Conference organized at Narasu's Sarathy Institute of Technology April 2021
P.Dinesh Kumar			
S.Tamilarasi			
R.Raghuvasan			
G.NaveenPrasanth		Health Monitoring and Location Tracking for Visually Challenged People	NCIET'2021 National Level Conference organized at Narasu's Sarathy Institute of Technology April 2021
M.Jagadeesh			
V.Veebeen			
P.Padmanaban			
G.Gokul Raj		Underground Cable Fault Detection Using IOT	NCIET'2021National Level Conference organized at Narasu's Sarathy Institute of Technology April 2021
I.Yogeshwaran			
S.Sasikumar			
A.Sounthar			
S. Sharmila	II Year	NPTEL Online Certificate course on "Python for Data Science"	January to February a four week NPTEL Online Certificate course

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Training Program for Students

Year/Class/Section	Training details	Dates
IV/EEE/A&B	Intensive Training for Soft Square and NU Technologies drive. (IV year B.E Placement Registered Students)	From 23.12.2020 to 30.01.2021 (6 days)
IV/EEE/A&B	Company Specific Training for ZOHO Corporation	From 13.01.2021 to 21.01.2021
IV/EEE/A&B	Training for Wipro NTH recruitment	From 10.01.2021 to 11.01,2021
IV/EEE/A&B	CTS company Specific Training for Japanese Certified Students from Apt Training Resources Pvt. Ltd, Chennai.	From 19.02.2021 to 20.02.2021
III year B.E EEE	Problem Solving Skills Training (Aptitude Training Slot – II) by Apt. Training Resources, Chennai.	08.04.2021 to 22.04.2021

Faculty Participation/Presentation in Conferences, FDPs, etc.

Name of the Faculty	Nature of the Program	Date & Venue
Prof. M.Jagadeeshraja	Completed NPTEL Online Certification Course on " Introduction to Industry 4.0 and Industrial Internet of things"	Sep – Dec 2020
Dr. S. Rekha	All India Council for Technical Education (AICTE) organized "Online UHV refresher 1 FDP" AICTE, New Delhi sponsored Six Days Short Term Training Program on "Hybrid Renewable Energy Systems and Waste to Energy – The Challenges and Sustainable Development" AICTE- AQIS Sponsored Online Short Term Training Program (STTP) on "BehaviouralRemodelling for Enhancing Classroom Delivery of Teachers"	30 November, 2020 to 4 December 2020 From 28.12.2020 to 02.01.2021 New Horizon College of Engineering. 4th to 9th January 2021. Electrical and Electronics Engineering, Dr. AIT, Bengaluru.
Prof. K. V.Manjula	AICTE- AQIS Sponsored Online Short Term Training Program (STTP) on	4th to 9th January 2021. Electrical and
	"BehaviouralRemodelling for Enhancing Classroom Delivery of Teachers" "AICTE -ISTE Induction / Refresher Program On Best Educational Practices"	Electronics Engineering, Dr. AIT, Bengaluru. 02 to 08 December 2020 Thiagarajar Polytechnic College, Salem
Dr.C.Muniraj, HoD/EEE	Attended Workshop on PFMS AICTE Organized Workshop on "Exam Reforms"	From 18.01.2021 & 19.01.2021 Sona College of Technology From 15.01.2021 to 18.01.2021
Prof. N.Divya	AICTE Organized Workshop on "Exam Reforms"	From 15.01.2021 to 18.01.2021
Dr.C.Muniraj	Commercial smart Fish Feeder Machine	01-04-2021 KGiSL Institute of Technology
	IOT based Virtual Health care System using Smart Sensors	Arasu Engineering College
	IOT based Virtual Health care System using Smart Sensors	Narasu'sSarathy Institute of Technology
Prof. S.E.Murthy	Smart Ambulance with Intelligent Traffic Control System	Narasu'sSarathy Institute of Technology
Prof. N.Divya	Smart Health care Support and Home Automation for Quarantined Victims	Narasu'sSarathy Institute of Technology
Prof. V.Kiruthiga Devi	Health Monitoring and Location Tracking for Visually Challenged People	Narasu'sSarathy Institute of Technology
Dr.C.Muniraj	AICTE Sponsored 6days online Short Term Training Program(STTP) on "Paradigm Shift in Assessment and Evaluation Practices for Engineering Graduates"	07.12.2020 to 12.12.2020
	AICTE Sponsored online one week Short Term Training Program(STTP) on "Big Data Analysis and cybersecurity in Smart Grid Monitoring and control.	14.12.2020 to 19.12.2020.
Prof..B.Sasikumar	AICTE Sponsored online one week Short Term Training Program(STTP) on Big Data Analysis and cybersecurity in Smart Grid Monitoring and control	14.12.2020 to 19.12.2020.
Prof. N.Divya	Completed NPTEL Online certification course on Introduction to Embedded system Design	December 2020

Prof. S.E.Murthy	AICTE sponsored a six day online STTP on "Research Challenges and Applications of Internet of Things (IoT) in Smart Agriculture"	14.12.2020 to 19.12.2020
Prof. S.E.Murthy	AICTE Sponsored online one week Short Term Training Program(STTP) on "Application of Artificial Intelligence Technique in overcoming the challenges of Healthcare Industry.	07.12.2020 to 12.12.2020.
Prof. D.Ragul	AICTE Sponsored online one week Short Term Training Program(STTP) on Big Data Analytics and cybersecurity in Smart Grid Monitoring and control	14.12.2020 to 19.12.2020.
Prof. B.Dinesh	Online FDP on ""Power Electronic converters and Controllers for EV and Smart grid"	18.12.2020 to 22.12.2020.
Prof. K.Yadhri	Organized AICTE sponsored six days online STTP on" Research Challenges and Applications of Internet of Things (IoT) in Smart Agriculture"	14.12.2020 to 19.12.2020.
Prof. P.Balaji	AICTE Sponsored online one week Short Term Training Program(STTP) on Big Data Analytics and cybersecurity in Smart Grid Monitoring and control	14.12.2020 to 19.12.2020.
Prof. P.Naveen Kumar	six days online Short Term Training Program on "Research Challenges and Applications of Internet of Things (IoT) in Smart Agriculture"	14.12.2020 to 19.12.2020.
Prof. G.Karthikeyan	AICTE Sponsored One Week ONLINE Short Term Training Program (STTP) on Recent Trends in Condition Monitoring of High Voltage Systems	14.12.2020 to 19.12.2020.
Dr.S.Rekha	AICTE, New Delhi sponsored Six Days Short Term Training Program on "Hybrid Renewable Energy Systems and Waste to Energy – The Challenges and Sustainable Development"	28.12.2020 to 02.01.2021
Prof. M Jagadeeshraja	Attended AICTE approved a 5 day FDP on "IoT Principles, Paradigms and Applications" organized by Knowledge Institute	From 01.02.2021 to 05.02.2021
Prof. L.Manivannan		
Prof.N.Divya		
Prof. S.Kalpanadevi		

Prof. E.Murthy	of Technology	
Prof. P.Rekha		
Prof. P.Balaji		
Prof. K.Yadhari		
Prof. P.Naveen Kumar		

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Faculty Publication Details

Name of the Faculty	Title of the paper	Journal detail
Prof. N.Divya	Smart E-Agriculture Monitoring System	SPJMR Journal, Volume 11, Issue 4, April – 2021 ISSN NO: 2394-2886
Prof. P.Balaji	Intelligent way to Detect Toxic Gases and Rinse the Cesspool	SPJMRInternational Volume 11, 4 April 2021ISSN NO: 2394-2886

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Department of Computer Science and Engineering

Club Activities

| Name of the Program	Date & Resource Person details
Skill Rack Programming Portal to Enhance the Programming Skills – I Year CSE	27/01/2021 & CDT, KIOT
Two days workshop on **Data Analytics in Business Intelligence**	30/4/21 & 1/5/21
Faculty Lecture Series on **Data Analytics**	19/4/21 & Mr. K.Ravikumar ASP/CSE, KIOT

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Scintel - Intra department Paper Presentation was organized online on 21.4.21

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Webinar on **Achieving Digital Transformation in Cloud Computing Platforms** on 29-05-2021 &**Dr. Govindasamy Chinnu,** Software Senior Principal Engineer, Dell Technologies, Bangalore was the Resource Person.

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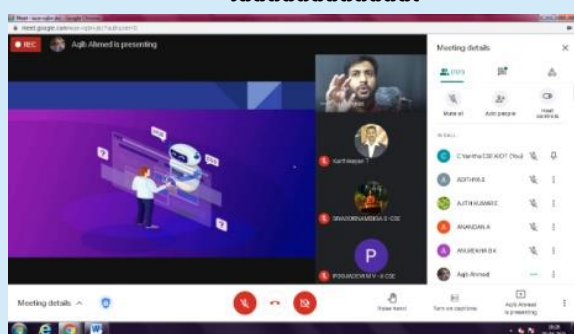
Webinar on **Data Analytics in Business Intelligence** was organised on 30-04-21 & 01.05.2021 through online. Resource Person was **Mr. Aqip Ahmed J**, Senior Software Engineer – Automation Colt Technologies, Bangalore.

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Students Activities- Participation/ Presentation in Conferences, Symposia, etc.

Name of the Student	Title of the paper/project	Date & Venue
Suman A II-CSE B	Foundations of front- End development workshop	5/1/2021 & Webinar
Ragasudha R IV-CSE B	Big Data Computing	January 2021 & NPTEL
S. Diwagar	Advanced RPA Professional at Automation Anywhere University	Feb' 2021
K. Priyarajan – III CSE	Online course on "Introduction to Cyber Security"	31/3/21 &Cicso Networking Academy
S. Kokila – III CSE	1. An online workshop on "PRAGYAN'21 - Data Analytics Workshop" 2. six weeks online training on "Data Science"	3/4/2021 & NIT, Trichy 29/4/2021 &Internshala Trainings
V. Vaishnavi – III CSE	1.Build a Face Recognition Application using Python as a part of AI-for-India event 2. Guinness World Record Event - Most Users to take an online computer programming lesson in 24 hours 3. Online course on "Introduction to Cyber Security"	25/4/2021 & GUVI 24/4/21, 6.00pm to 25/4/2021, 6.00pm & GUVI 29/4/21 &Cicso Networking Academy
S. Swetha – III CSE	1.Build a Face Recognition Application using Python as a part of AI-for-India event 2. Guinness World Record Event - Most Users to take an online computer programming lesson in 24 hours 3. Online course on "IOT Foundation"	25/4/2021 & GUVI 24/4/21, 6.00pm to 25/4/2021, 6.00pm &GUVI Jigsaw Academy in April
S. Praveen Kumar – III CSE	1.Build a Face Recognition Application using Python as a part of AI-for-India event 2. Guinness World Record Event - Most Users to take an online computer programming lesson in 24 hours	25/4/2021 & GUVI 24/4/21, 6.00pm to 25/4/2021, 6.00pm & GUVI
A. P. Jerinangel – I CSE	Build a Face Recognition Application using Python as a part of AI-for-India event	25/4/2021 & GUVI
P. Ajay – II CSE	Build a Face Recognition Application using Python as a part of AI-for-India event	25/4/2021 & GUVI
Jerinangel A P I-CSE	1.Programming for Everybody 2. How to crack the interview & industries expectations	31.5.2021 & Michigan University 5.7.2021 & KIOT
Abishek A S II-CSE	1.Career Skills for the workplace of the future 2. Shape AI - Web Development on 7 day Boot camp "Java script and React JS" 3. Cyber security Essentials	7.5.2021 & NASSCOM Google Developer Group, Ranchi & BIT Mesra 1.5.2021 & Cisco Networking Academy
Priyadharshini R IV-CSE	Code app development awareness program	27.5.21 & Data logics

Niyaj Ali S K III-CSE	How to crack the interview & industries expectations	5.7.2021 & KIOT
Janani B IV-CSE	Webinar - Bridge to future	14.5.2021 & NASSCOM
Sakthidhari B II-CSE	Webinar - Bridge to future	15.5.2021 & NASSCOM
Rimali S II-CSE	1. Career skills for the workplace, bridge to the future -3D map 2. Principles of Design thinking 3. Introduction to Cyber Security 4. Cyber Security Essentials 5. Introduction to Packet Tracer	7.5.2021 to 14.5.2021 & KIOT 9.5.2021 & Autodesk design Academy 28.5.2021 & Cisco Networking Academy 30.5.2021 & Cisco Networking Academy 31.5.2021 & Cisco Networking Academy
Deepalakshmi R IV-CSE	How to prepare the resume and attend the interview process	29.5.2021 & KIOT
Kokila S III - CSE	Beginner to Advanced word press course	30.5.2021 & Just web info tech
R.Harish Kumar – II CSE	1st place in E-Box Contest	19/3/2021 at Vidhya Vikas College of Engineering and Technology
M. Abhinav – II CSE R.Harish Kumar – II CSE R.Lakshmi Kanth – II CSE	3rd place in E-Box Top Coders and Top Designers 2021	19/3/2021 at Vidhya Vikas College of Engineering and Technology
R.Harish Kumar – II CSE	1st place in E-Box Contest	19/3/2021 at Vidhya Vikas College of Engineering and Technology
S.Bharath – I CSE	Top Coders 21	5 March 2021, Vidhya Vikas College of Engineering and Technology

Training Program for Students

S.No.	Year/Class/Section	Training details
1.	IV Year CSE	Intensive Training Program
2.	IV – Year CSE	Aptitude Training (8/3/2021 to 12/3/2021,), Opportunities in Government

		Sector(10/3/2021)
3.	III – Year CSE	Motivational Training(9/3/2021), Opportunities in Government Sector(10/3/2021), Aptitude Training(17/3/2021 to 19/3/2021 & 23/3/2021 to 25/3/2021)

Faculty Participation/Presentation in Conferences, FDPs, etc.

| Name of the Faculty	Nature of the Program and Title	Date & Venue
Prof. K. Saranya	Online STTP on "Behavioural remodelling for enhancing classroom delivery of Teachers"	04.01.2021 to 09.01.2021, Dr. Ambedkar Institute of Technology, Bengaluru
Prof. T. Srinivasaraja	1.Online STTP on "Behavioural remodelling for enhancing classroom delivery of Teachers" 2. Online ATAL-FDP on "Emotional Intelligence"	04.01.2021 to 09.01.2021, Dr. Ambedkar Institute of Technology, 18.01.2021 to 22.01.2021, International Management Institute,
Dr.V.Kumar	One day Interactive Session of Directors, Vice Chancellors and Registrar of Technical Institutions/ StatePrivate Universities/ Institutions Deemed to be Universities on APPROVAL PROCESS HANDBOOK (2021-2022) CII Annual IT Conference - Webinar on "Impact of Cyber Security in the Post Pandemic Digital World"	. 15.02.2021 (Online Mode) 2. Feb 2021
Prof. P.Sakthivel	AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things" at KIOT AICTE Sponsored 6 Days Short Term Training Program on "Internet of Things & its Applications" at NHCE, Bengaluru	1.2.2021 - 5.2.2021 KIOT 8.2.2021 - 13.2.2021, NHCE, Bengaluru

Prof. T.Srinivasaraja	AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things" at KIOT	1.2.2021 - 5.2.2021 KIOT
Prof.P. Sakthivel	1. Online webinar on "Angular 5 from Scratch" 2. Online live FDP on "Introduction to Bigdata Analytics"	3/4/2021 & Vellore Institute of Technology, Chennai Campus 19/4/2021 to 23/4/2021 ICT Academy
Prof.T. Srinivasaraja	AICTE-ISTE Sponsored Online "Teaching & Learning Pedagogy"	5/4/2021 to 12/4/2021 &KIOT
Prof.P. Naresh Kumar	FDP "Mentoring Program Phase-2"	7/4/2021 & 8/4/2021 & KIOT
Prof.A. Sekar	AICTE Incorporating online FDP on "Universal Human Value"	19/4/2021 to 24/4/2021
Prof.S. S. Kiruthika	AICTE Incorporating online FDP on "Universal Human Value"	19/4/2021 to 24/4/2021
Prof.C. Siva Kumar	online FDP on "PL/SQL Database Programming"	19/4/2021 to 24/4/2021 Oracle Academy
Prof.T.Srinivasaraja	Inculcating Universal Human Value in Technical Education	3.5.21 - 7.5.21 & Online
Prof.K. Ravi Kumar	Achieving Digital Transformation in Cloud Computing Platforms	29/05/21 & KIOT
Prof.S.S.Kiruthika	1.Inculcating Universal Human Values in Technical Education 2. FDP on Introduction to Angular JS	17.05.2021-21.05.2021 & online 24.05.2021 - 28.05.2021 & Online
Prof. K. Saranya	FDP-Nurturing morals, work ethics & accountability for technical teachers	07.12.2020 to 19.12.2020
Prof. G. Venkatesh	AICTE Sponsored STTP on Robotic Process Automation Tools and Techniques	7.12.2020 to 12.12.2020
	Career opportunities in Information Technology and role of professional societies	22.12.2020

Prof. C. Sivakumar	STTP on Paradigm Shift in Assessment and Evaluation Practices for Engineering Graduates	7.12.2020 to 12.12.2020
Prof. T. Srinivasaraja	Webinar on Design Thinking in ELT	13.12.2020

Department of Information Technology& Computer Science andBusiness Systems
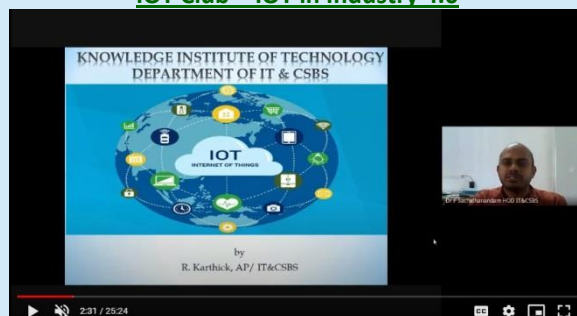
Club Activities

Coding Arena
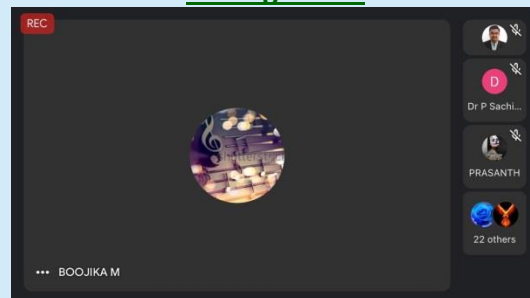
Coding Arena was organised on 04.02.2021 and the Resource Person was **Dr.P.Sachidhanandam**, HoD/IT&CSBS, KIOT.

IOT Club – IOT in Industry 4.0

IOT Club – IOT in Industry 4.0 was organised on 06.02.2021 and the Resource Persons were **Dr.P.Sachidhanandam**, HoD/IT&CSBS, KIOT& **Prof.R.Karthick**, AP/IT&CSBS, KIOT.

Frontier Area Awareness Club

Frontier Area Awareness activities were conducted on 11.02.2021 and **N.Sanjay**, I-year/IT, **S.Prajeesh** I-year/CSBS took part in it.
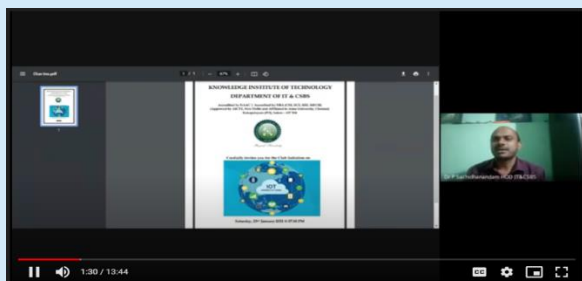
Supply Chain Management program was organised on 11.02.2021 and I-year/CSBS students.

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Frontier Area Awareness Club

Frontier Area Awareness program was conducted on 27.02.2021 and **G.S.Vignaya**, I-year/IT, **R.Teajashree**, I-year/IT, **B.Rohini**, I-year/CSBS &**M.Boojika** I-year/CSBS actively took part in it.

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IOT Cloud Initiation

IOT Cloud Initiation was done on 23.01.2021 and the Resource Person was **Dr. P. Sachidhanandam**,HoD/ IT & CSBS, KIOT.
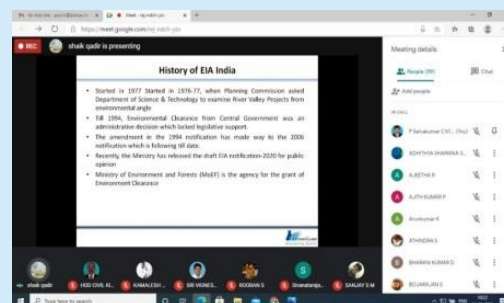
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Demo Skill rack Programming – ZOOM Meet

Demo Skill rack Programmingwas conducted through ZOOM Meet on 27.01.2021 and the Resource Person was **Dr. P. Sachidhanandam**, HoD/ IT & CSBS, KIOT. **Dr. PSS. Srinivasan**, Principal presided over the function.

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Department of Civil Engineering

Club Activities

How to Crack GATE Exam (Civil Engineering) in First Attempt – An Insight was organised at KIOT on 25.01.2021 and the Resource Person was Mr. NVL. KrishnaPrakash, Star Educator, UNACAADEMY.

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A Guest Lecture on **Environment Impact Assessment practice in India** was organised on 12.01.2021 and the Resource Person was **Er.M.ShadikQadir,**Environmental Engineer, VIMTA Labs Pvt.Ltd., Coimbatore.

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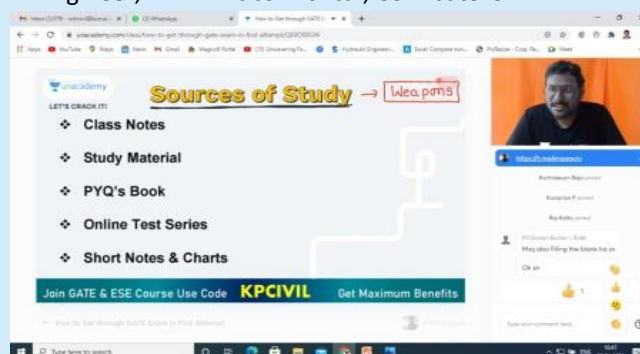
Training Programs for Students

Year/Class/Section	Training details
Company Specific Training	04.01.2021 to 09.01.2021. Er.V.Sriram, Director, One Source Academy of Excellence, Bangalore.

III Year B.E (Civil)	Interpersonal & Personality Development Skill **Resource Person**: P.Anjesh Kumar, Corporate Trainer, Kothagiri	
IV year B.E (Civil)	Aptitude Training **Resource Person: Apt Training Resources, Chennai**	
III Year B.E (Civil)	Aptitude Training **Resource Person: Apt Training Resources, Chennai**	
III Year B.E (Civil)	Aptitude Training – Phase - II **Resource Person: Apt Training Resources, Chennai**	
III Year B.E (Civil)	Online Resume Writing webinar **Resource Person:** Mr. Naveen William, Campus recruiter, Lumen company	
II Year B.E (Civil)		
III Year B.E (Civil)	Online Interview Preparation webinar **Resource Person:** Ms. ArchanaRajamanickam HR, E-con systems Pvt. Ltd. Chennai	
IV Year B.E (Civil)		

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Faculty Participation/Presentation in Conferences, FDPs, etc.

Name of the Faculty	Nature of the Program and Title	Date & Venue
Prof. J. Gopikrishna	Green Buildings – Practices	20 to 24th Jan 2021 – Online Mode
Prof. L.Krishnan	Vastu in Civil Engineering	06.01.2021 & Gopalan College of Engineering and Technology
Prof. S.Prabakaran	Online Teaching & Learning Pedagogy	01.03.2021 to 06.03.2021 & KIOT Campus
	Digitalization Initiatives for the next Generation Teachers	22.03.2021 to 24.03.2021 Coimbatore Institute of Technology (Online)
	Interview Preparation	28.03.2021 & 29.03.2021 Coimbatore Institute of Technology (Online)
S.Prabakaran	English Language Teaching and Research	17.05.2021 to 23.05.2021 (7 days) Sri Kumaraguru College of Technology (Online)
Dr.G.Sivanatarajan	Online Guest	21-05-2021

	Lecture "Features and Reaches of self-compacting concrete"	&Sethu Institute of Technology, Kariapatti, Viruthunagar in association with the ISTE
Prof. L.Krishnan	Webinar on "AR and VR Civil Engineering Applications	04.06.2021 &Sona College of Technology
Dr.G.Sivanatarajan	National Level Webinar on "Water Energy Nexus and Sustainability"	05.06.2021 & RVS College of Engineering, Dindigul (Online)

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Faculty Publication details

Name of the Faculty	Title of the Paper	Journal Details
Dr. P. Manikandan	Contribution to the development of tiles made of paper board sludge	Advances in Environmental Research vol.9 (4), pp. 285-294. Techno Press Publication.
Dr. P. Manikandan	Steel Mill Scale Waste and Granite Powder Waste in Concrete Production-An Experimental Study	Materials Today Proceeding. Elsevier Publication. https://doi.org/10.1016/j.matpr.2020.07.358