

Techies' 21



NANDHA
ENGINEERING COLLEGE
(Autonomous)



Department of
Computer Science and Engineering

VISION

To achieve excellence in Computer Science and Engineering education to meet the ever growing needs of the society.

MISSION

- **To ensure quality in major areas of Computer Science and Engineering keeping pace with the latest developments.**
- **To create the ability in the students to design, develop and test world class software systems.**
- **To promote life-long learning in core and emerging areas.**
- **To inculcate strong ethical values and leadership abilities in the minds of students so as to work towards the advancement of the society.**

PROGRAM SPECIFIC OUTCOME

- **Ability to understand the principles and working of hardware and software aspects in a computer system**
- **Ability to demonstrate knowledge in mathematical models, algorithms and software development methodologies**
- **Ability to develop practical competency in programming languages and open source platforms**
- **Ability to provide a foundation for higher studies, research and entrepreneurship**

PRINCIPAL

I am delighted to note that the Department of Computer Science and Engineering has added a pearl to its academic success by publishing the newsletter for the academic year 2020–2021, which is a compilation of achievements that were planned and executed. It is significant to highlight that the focus of the newsletter is on the interdisciplinary elements and applications in the recent trend of the stream. The Computer Science and Engineering department of Nandha Engineering College has expanded significantly in recent years and keeps sustaining its expansion. The department's multifaceted expansion is witnessed in the newsletter. I heartily congratulate all the staff and students of the Department of Computer Science and Engineering and wish them all success.

CEO

Newsletter is an amalgamation of all the events held in the department and it plays an instrumental role in providing a greater exposure of the achievements accomplished by the students and the faculty. Being a part of a team that works to highlight the abilities of faculty and staff is always a pleasure. The Department of Computer Science and Engineering has consistently worked to stay one step ahead of the competition, and the results are now available for all to see, demonstrating the department's expansion. The department newsletter is to uplift and encourage faculty and students. This newsletter has made a sincere effort in this approach by highlighting specific parts of the college through the CSE department in order for readers to better understand and appreciate the department. I congratulate the CSE Department and specially the Newsletter Committee members for their efforts in bringing out the Newsletter. I wish the team all success.

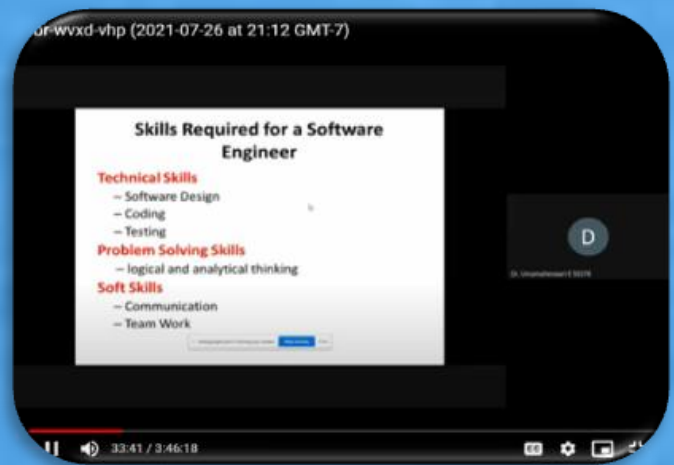
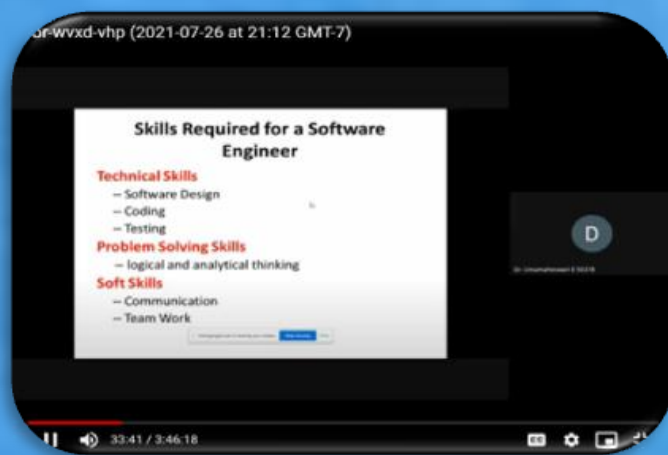
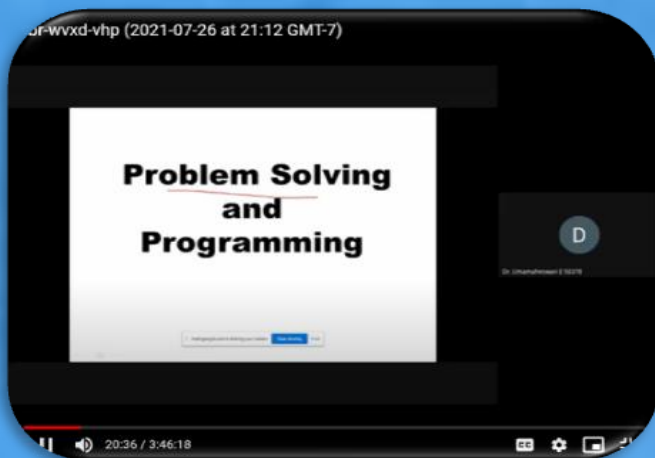
HOD MESSAGE

It is a great feeling of joy to witness the excitement surrounding the publication of the Computer Science Department's yearly newsletter. The Newsletter will certainly aid the aspiring engineers a broad platform to showcase their technical knowledge and to pen down innovative ideas. This newsletter aims to cultivate strong technical skills in students and faculty by bringing forth their hidden talents. I want to convey my sincere gratitude to the Editorial and Design teams for their invaluable work in making the newsletter intelligible. I extend my congratulations to the faculty, staff, and students who worked tirelessly to publish this newsletter.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ORGANIZES AN INDUSTRIAL SEMINAR ON PROBLEM SOLVING USING PYTHON PROGRAMMING AND IOT PARADIGMS

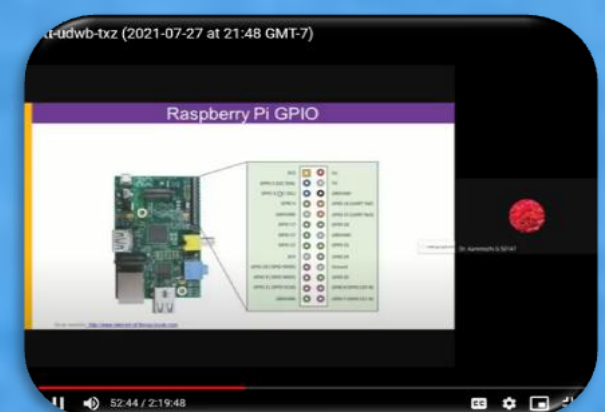
Dated: 27.07.2021 & 28.07.2021

Venue: Online via GoogleMeet



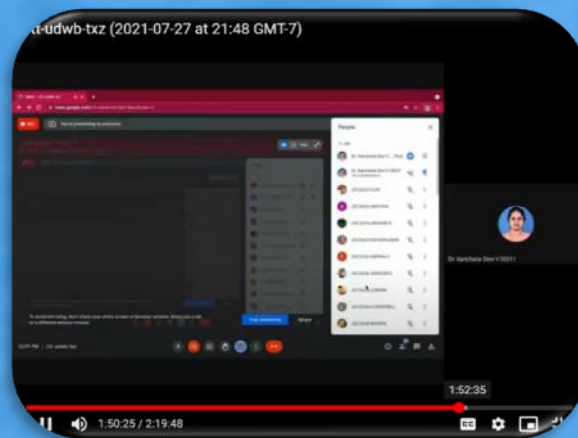
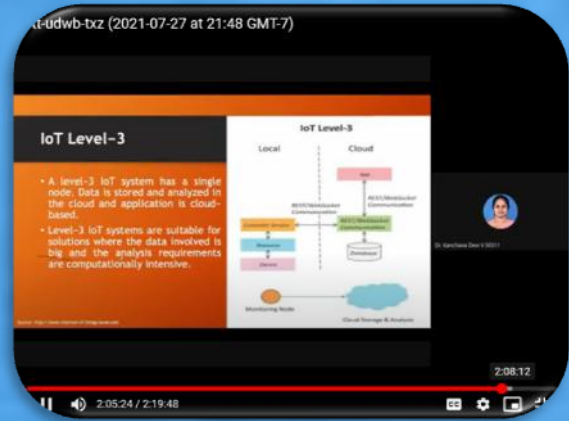
Dr.E.Umamaheswari, ASP/Grade2, Centre for Cyber Physical Systems, VIT was the Resource Person for the Session **Problem Solving using Python Programming** on 27.07.2021. Prof.S.Maheswari, ASP/CSE and Prof. B. Deepa AP/CSE of Computer Science Department of Nandha Engineering College were the coordinators of the webinar.

PROBLEM SOLVING USING PYTHON PROGRAMMING AND IOT PARADIGMS



Dr.Kanchana Devi V, ASP-Grade 1, School of Computer Science and Science and Engineering, VIT and Dr.Karmel A, ASP Grade-2, School of Computer Science and Engineering, VIT were the resource persons for the session held on 28.07.2021. They discussed about the Introduction of IoT, its services and Raspberry Pi GPIO model. A total of 120 students participated in this webinar and procured knowledge.

PROBLEM SOLVING USING PYTHON PROGRAMMING AND IOT PARADIGMS



Dr.Kanchana Devi V, ASP-Grade 1, School of Computer Science and Engineering, VIT and Kavya Alluru, Assistant Professor, School of Computing Science and Engineering, VIT addressed the session, the resource person said, “The Internet of Things (IoT) mainly acts as a communication medium between things and the Internet. There are some estimates that there will be 50 billion connected devices to the Internet by 2020.” Further they elucidated about IoT, Architecture and Real-time systems to the students in an effective way.

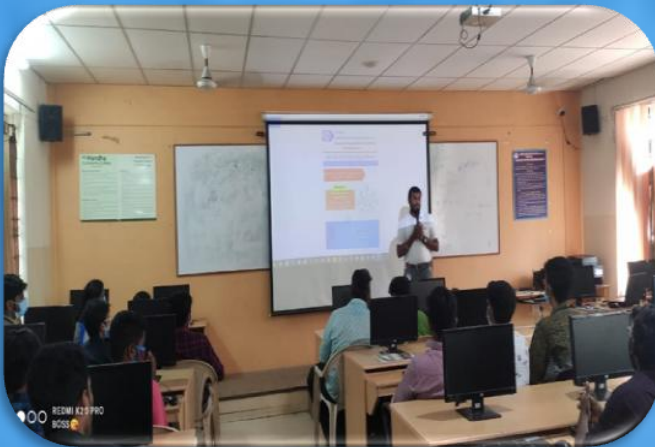
**THE INSTITUTION OF ENGINEERS (INDIA), ERODE LOCAL CENTRE &
DEPARTMENT OF CSE & IT, NANDHA ENGINEERING COLLEGE
(AUTONOMOUS), ORGANIZED A TECHNICAL SEMINAR ON SCIENTIFIC
APPROACH IN PYTHON PROGRAMMING**

The Institution of Engineers (India) in association with IE (I) student chapter of Nandha Engineering College, Erode organized a Technical Seminar on the topic “Scientific Approach in Python programming”. Professor S.S.Nandhini, Head of the Department of Information Science and Engineering, Bannari Amman Institute of Technology, Sathy, acted as the resource person. Before the commencement of the session, a heartfelt tribute was rendered to Gen.BipinLaxman Singh Rawat. Dr.N.Rengarajan, Principal of Nandha Engineering College introduced the resource person and delivered the principal address. During the seminar the resource person Prof. S.S.Nandhini shared the ethical concepts of Python and also shared some special library functions that are used in Python. Further she educated the students how to analyze and solve the technical use case with effective problem solving. Moreover she mentioned how to get reference for the use case from previously solved problems through Git Hub. The resource person at the end of the session clarified the queries of the students.



OPEN SOURCE CLUB

Open source club of CSE department organized a **One Day Hands-on Training on “Cloud Computing and its Applications in AWS”** on 29th of November 2021. **Mr.G.Aravind Raj**, Technical Trainer, **Nminds Academy** was the invited resource person. The III year CSE students participated in the event. Dr.S.Prabhu, ASP/CSE & Dr.S.Karuppusamy, ASP/CSE were the Faculty Coordinators.



Active participation of students during the session



A total of 110 students benefited and gain intelligence in the field of cloud computing.

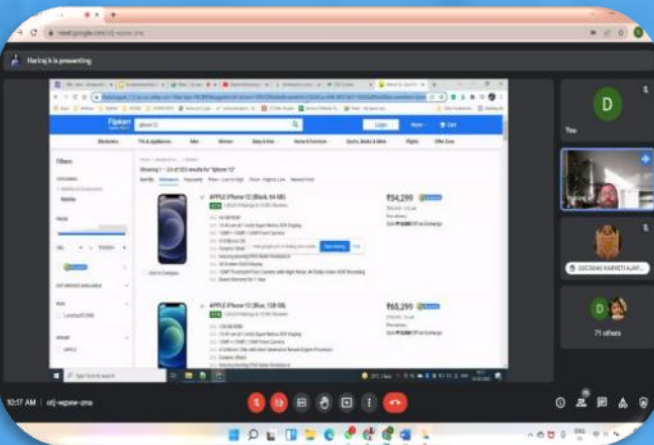
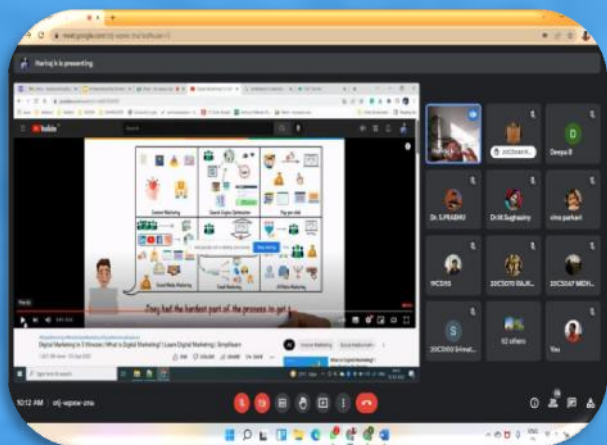
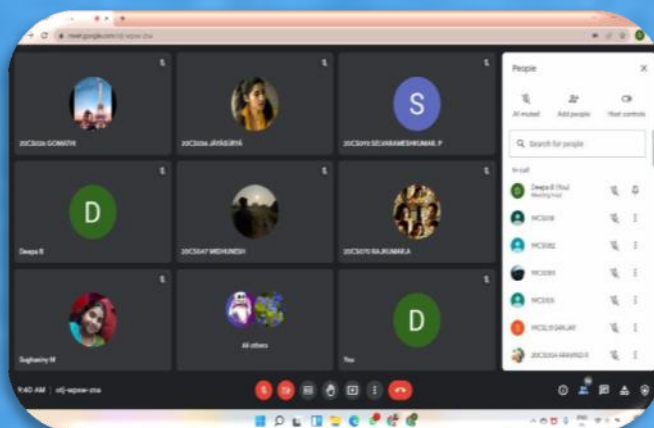
FEEDBACK OF STUDENTS ABOUT HANDS-ON SESSION

Student Name	Rate the hands-on activities	Rate the presenter's knowledge	Any other comments?
SANJAI KUMAR.N	Excellent	Very Good	The session was very comfortable to learn the cloud computing and very interested and excited.
VIGNESH TP	Excellent	Excellent	Easy hands on session happened
PRADEEP P	Very Good	Very Good	Understood easily
NITHESHWAR	Very Good	Excellent	Very useful but couldn't cover more concepts
KAVIYA V N	Very Good	Good	ITS WAS AN GOOD AND USEFULL SESSION
DHANAPRIYA R	Very Good	Excellent	Informative session
NITHARSHNA. S	Excellent	Excellent	Very good session to enhance knowledge.
RANJITHA.R	Excellent	Excellent	The session was very awesome. We gained more knowledge about cloud computing and also basics concepts of cloud computing
KANISHA.C	Excellent	Excellent	This session are Very useful to us
KOUSHICK KUMAR K	Very Good	Very Good	Very useful and learn a new one
SAMUEL.A	Excellent	Very Good	Excellent workshop
FARHANA.J	Very Good	Excellent	Its good and useful session .We has learnt more information in it.
KAVIN U	Excellent	Excellent	Not visible of screen on some topics because of back seat
KOWSIK. K	Very Good	Very Good	Sir will explain very easy to understand... I enjoy workshop
KAVIKEERTHANA.P	Excellent	Excellent	Session was very useful
DHARSHINI K	Excellent	Excellent	Very useful. Now I have got an idea about cloud computing. Thank you for the wonderful session.
NANDHAKUMAR.C	Good	Excellent	The Workshop was good and easy to understand about cloud computing. My suggestion is to Improve the Colours in the Presentation slides. Yellow color is not visible
KIRUTHIKA D	Excellent	Excellent	The session is very informative and useful, Thank you for arranging such a wonderful session for us.
S LOGESHWARAN	Excellent	Excellent	Very well prepared

Student name	Rate the hands-on activities	Rate the presenter's knowledge	Any other comments?
SANJAY	Very Good	Very Good	It's really useful for my next sem subjects
PRANESH.RN	Excellent	Excellent	I can understand easily that what you want to convey to us. The session was awesome Thank you for making us to learn easily about Cloud Computing and so on
M.VIGNESH KUMAR	Very Good	Excellent	Need more sessions like this
KAVYASHRI V	Excellent	Excellent	Visit our college again and teach more topics sir.
THIYAGU G	Excellent	Excellent	I like this class. It's very useful to as...
BHUVANESHWARI J	Excellent	Excellent	Visit our college again. And teach more topics sir. The class you took today was very useful to us. And we learned more about cloud computing. To be Frank now only we came to know about cloud computing. Thanks for this wonderful session sir.
CHENNIYANGIRI.S	Good	Very Good	Great effort by you sir hard effort to teach and to be funny we learned a bit through this session
CHENNIYANGIRI. S	Good	Very Good	Great effort sir full of hardworking by you to teach and to be funny and thanks for practical thoughts we learned bit through it
CHENNIYANGIRI.S	Good	Very Good	Hard work effort by you sir we learned a bit through it

INSTITUTION'S INNOVATION COUNCIL (IIC) ORGANIZED NATIONAL EDUCATION DAY FOLLOWED BY A WEBINAR ON ENTREPRENEURSHIP DEVELOPMENT USING DIGITAL MARKETING

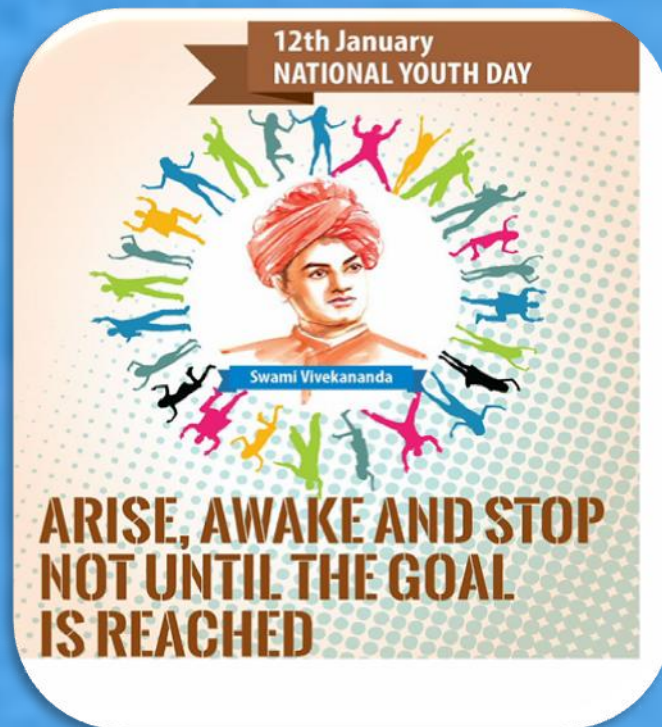
Department of Computer Science and Engineering, Nandha Engineering College along with CiPD organized National Education Day Celebration followed by a Webinar on “Entrepreneurship Development Using Digital Marketing” on 12th February, 2022. The Resource Persons of the webinar Hari Raj Kanakaraj, Project Manager, Verticurl –Coimbatore, TN inaugurated the National Education Day Celebration and started the session stating the importance of Digital Marketing for Entrepreneurs in this Globalized era.



He explained the benefits of digital marketing and the ways online platforms can be used to help grow the business. A total of 64 members participated in this interaction to expand their knowledge.

NATIONAL YOUTH DAY CELEBRATION

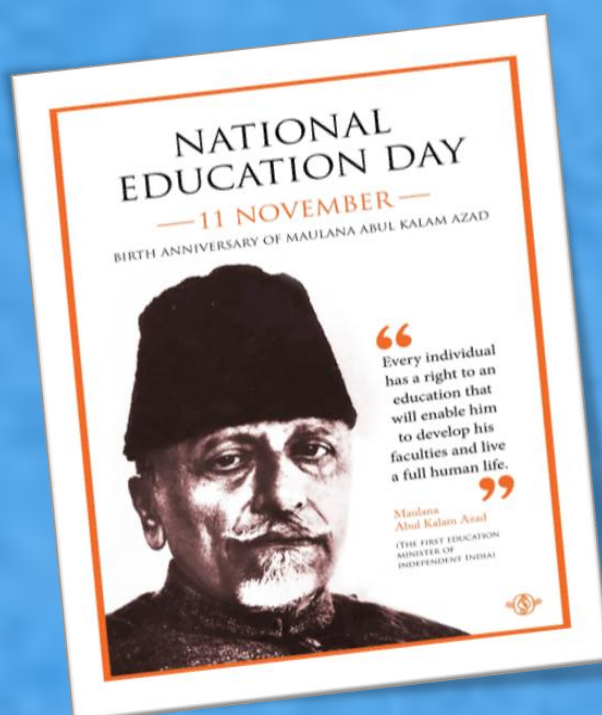
The Management, Principal and Staff members of Nandha Engineering College organized **NATIONAL YOUTH DAY** on JANUARY 12, 2022 through Google Meet. Welcome address was given by the HoD of CSE, Principal Address was given by Dr. Rengarajan, Principal, Nandha Engineering College, Dr.P. Thirumoorthy, and Deputy COE introduced the chief guest. Thiru K. Vasudevan, President, Vijnana Bharati Erode District, the Chief Guest of the function, addressed the youth day note.



The chief guest, Thiru. Vasudevan, President, Vijnana Bharati Erode District, delivered speech on importance of youth in the society. National Youth Day is celebrated to mark the teachings and philosophy of Swami Vivekananda. National Youth Day is observed to honor the ideals and thoughts of Swami Vivekananda who had tremendous faith in youth. People of India celebrate National Youth Day on 12 January, every year. The day marks the birth anniversary of the social reformer, great thinker and philosopher, Swami Vivekananda.

NATIONAL EDUCATION DAY

National Education Day is an annual observance in India to commemorate the birth anniversary of Maulana Abul Kalam Azad, the first education minister of independent India, who served from 15 August 1947 until 2 February 1958. National Education Day of India is celebrated on 11 November every year.



Department of Computer Science and Engineering organized this programme through online to celebrate the National Education day .Our principal Dr.N.Rengarajan addressed our faculty members with his valuable speech and elucidate the role of education in every individual's life and also he included, as a tutor how we should motivate youth to achieve their goals. In addition, the HOD, faculty members of our department also shares their views on this remarkable day.

NATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTING, COMMUNICATION & AUTOMATION TECHNOLOGIES

National Conference on “Recent Trends in Computing, Communication & Automation Technologies” was organized by the Department of CSE & IT on 23rd May 2022 in NEC Conference Hall. Ms.Soundharya Aranganathan Technology Analyst, Infosys, Bangalore and Mr.T.Mohankumar Associate, CTS, Chennai had consented to be jury for the event. Dr.J.Senthil Director, Nandha Tech Campus felicitated the gathering and Dr.N.Rengarajan Principal, Nandha Engineering College delivered the principal address.



In the conference students from various institutions presented their paper and the juries evaluated them.

STAFF FDP/SDP/WORKSHOP/SEMINAR ATTENDED

S.N O.	STAFF NAME	COURSE	TITLE	COLLEGE	PERIOD OF DATE
1	B.Deepa	Course	Introducion to Data Science	Infosys - Springboard	30.06.2022
2	S.Hemalatha	Workshop	Adaption of Block chain Technology in IoT Applications	Dr.Mahalingam College of Engineering and Technology	27.05.2022 - 28.05.2022
3	C.Navamani	Workshop	Adaption of Block chain Technology in IoT Applications	Dr.Mahalingam College of Engineering and Technology	27.05.2022 - 28.05.2022
4	B.Deepa	Webinar	Revised Accreditation Framework for Assessment and Accreditation for Affiliated Colleges	Laxmibai Sitaram Halbe College of Arts, Commerce and Science, Dodamarg	25.04.2022
5	P.Vanitha	Webinar	Revised Accreditation Framework for Assessment and Accreditation for Affiliated Colleges	Laxmibai Sitaram Halbe College of Arts, Commerce and Science, Dodamarg	25.04.2022
6	S.Maheswari	FDP	Enhancing Quality by Unearthing Innovative Practices - EQUIP 2022	IQAC- Mannar Thirumalai Naicker College , Madurai	18.04.2022 - 24.04.2022
7	B.Deepa	FDP	Enhancing Quality by Unearthing Innovative Practices - EQUIP 2022	IQAC- Mannar Thirumalai Naicker College , Madurai	18.04.2022 - 24.04.2022
8	C.Navamani	Tech-Talk	Industry Institute Integrated Technology Transfer	KGiSL Institute of Technology	14.03.2022 - 19.03.2022
9	Dr.D.Vanathi	Webinar	Unequal Cities-branching through development of Smart cities IOT based Smart city Infrastructure and its Application Model	The Institution of Engineers(India)	17.02.2022
10	C.Mani	Webinar	Webinar on E-Filling of Copyright Application	Nandha Engineering College	12.01.2022
11	B.Deepa	Webinar	Basics in IPR	PALS- Aware Webinars for Entrepreneurs	11.01.2022
12	S.Jagadeesan	FDP	Computetational Intelligence	AICTE-ATAL Academy, NIT, Agartala	03.01.2022 - 07.01.2022
13	Dr.D.Vanathi	Workshop	Reconstructing Emotional Wellbeing of Teaching Fraternity for New	Kumaraguru College of	10.12.2021 -

S.N O.	STAFF NAME	COURSE	TITLE	COLLEGE	PERIOD OF DATE
			Normal	Technology, CBE	11.12.2021
14	S.Jagadeesan	FDP	Role of Block Chain Technology in India- An Insight Into Public Sector	IRTT & ATAL.	22.11.2021 - 26.11.2021
15	Dr.S.Arumugam	FDP	Deep Learning using Neural Network	Roorkee Institute of Technology	08.11.2021 - 13.11.2021
16	K.Shanmugapriya	FDP	Mathematical Foundations of Data Science	PSG Institute of technology and Applied Research	09.10.2021 - 21.11.2021 (5 D)
17	Dr.S.Prabhu	FDP	Virtual Labs	PALS-VLABS 2021-22 initiative with NITK Surathkal	27.09.2021 - 29.09.2021
18	Dr.S.Prabhu	STTP	Advanced Machine Learning Algorithms	Jawaharlal Nehru Technological University, Hyderabad	20.09.2021 - 25.09.2021
19	Dr.S.Karuppusamy	STTP	Advanced Machine Learning Algorithms	Jawaharlal Nehru Technological University, Hyderabad	20.09.2021 - 25.09.2021
20	Dr.S.Prabhu	Workshop	Improving Research & Performance Outcomes	Elsevier-Research Academy on Campus	31.08.2021
21	Dr.S.Karuppusamy	Workshop	Improving Research & Performance Outcomes	Elsevier-Research Academy on Campus	31.08.2021
22	Dr.P. Thirumoorthy	Workshop	Improving Research & Performance Outcomes	Elsevier-Research Academy on Campus	31.08.2021
23	Dr.S.Karuppusamy	FDP	Data Analytics tools and Visualization	Chalapathi Institute of Engineering & Technology	16.08.2021 - 21.08.2021
24	K.Shanmugapriya	Webinar	Overview of Securities Market and Career Growth	BSE Investors Provident Fund	13.08.2021
25	S.Hemalatha	NPTEL	Problem Solving through Programming in C	NPTEL	Jul-Oct 2021
26	Dr.S.Prabhu	NPTEL	Accreditation and Outcome Based Learning	NPTEL	Jul-Sep 2021
27	B.Deepa	Training	Innovation Ambassador	MoE's Innovation Cell & AICTE	30.06.2021 - 30.07.2021

S.N O.	STAFF NAME	COURSE	TITLE	COLLEGE	PERIOD OF DATE
28	E.Padma	Webinar	Autonomous Vehicles: Past and Present	PSG Institute of technology and Applied Research	05.06.2021
29	K.Shanmuga priya	Webinar	Autonomous Vehicles: Past and Present	PSG Institute of technology and Applied Research	05.06.2021
30	M.Parvathi	Webinar	Autonomous Vehicles: Past and Present	PSG Institute of technology and Applied Research	05.06.2021
31	P.Vanitha	Webinar	Autonomous Vehicles: Past and Present	PSG Institute of technology and Applied Research	05.06.2021
32	S.Maheswari	Webinar	An Engineer can be an Entrepreneur	Nehru Institute of Engineering and Technology	05.06.2021

FACULTY JOURNAL PUBLICATIONS

S.NO.	STAFF NAME	NAME OF THE JOURNAL	NATIONAL/ INTERNATIONAL	PAPER TITLE	PERIOD
1.	P. Thirumoorthy, K. S. Bhuvaneshwari, C. Kamalanathan, P. Sunita, E. Prabhu and S. Maheswaran	Computer Systems Science & Engineering - Tech Science Press	INTERNATIONAL	Improved Key Agreement Based Kerberos Protocol for M-Health Security	January 2022, vol.42, no.2 DOI:10.32604/cssc.2022.021717
2.	Thirumoorthy Palanisamy, Daniyal Alghazzawi, Surbhi Bhatia, Areej Abbas Malibari, Pankaj Dadheech and Sudhakar Sengan	Intelligent Automation & Soft Computing - Tech Science Press	INTERNATIONAL	Improved Energy Based Multi-Sensor Object Detection in Wireless Sensor Networks	January 2022, vol.33, no.1 DOI:10.32604/iasc.2022.023692
3.	Maniraj S P, Roopa shettigar, Kannadasan B, S.Prabhu	International Journal of Biology, Pharmacy and Allied Sciences	INTERNATIONAL	Artificial Intelligence Application in Human Resource Development	Special Issue,2021, 10(11), November 2021, Pages 1089-1100 ISSN: 2277-4998
4.	Avadhesh Kumar Dixit, S Karuppusamy, Sonu Kumar, Jyothi N M	International Journal of Biology, Pharmacy and Allied Sciences	INTERNATIONAL	Applications of IoT Principles in Healthcare	Special Issue,2021, 10(11), November 2021, Pages 1101-1111 ISSN: 2277-4998
5.	P.Thirumoorthy, P.Vanitha, Gowsalya R, Tamizharasi S	International Journal of Mechanical Engineering	INTERNATIONAL	Security in Transmission of Data And Energy Aware Path Selection in Wireless Sensor Networks	Vol. 6 . 3 December, 2021 ISSN: 0974-5823
6.	D.Vanathi, S.Prabhadevi, P.Sabarishamalathi, Mohanraj K P	International Journal of Mechanical Engineering	INTERNATIONAL	Machine Learning Based Collaborative Privacy-Preserving Intrusion Detection System for VANETs	Vol. 6 No. 3 December, 2021 ISSN: 0974-5823
7.	K.Gunasekar, E.Padma, D.Vinoparkavi, Sumathi R	International Journal of Mechanical Engineering	INTERNATIONAL	A Technical Survey on Scheduling A Task in Cloud Computing Environment	Vol. 6 No. 3 December, 2021 ISSN: 0974-5823

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8.	S. Karuppusamy, R.Arshath Raja, Yuvaraj, C.Selvin Thanuja	International Journal of Mechanical Engineering	INTERNATIONAL	Prediction of Rainfall Across Various Regions Using Deep Learning Based LSTM	Vol. 6 No. 3 December, 2021 ISSN: 0974-5823
9.	Brijendra Singh, Muhammad Zubair Khan, Senthil J	International Journal of Mechanical Engineering	INTERNATIONAL	Applications and Challenges in IoT based Smart Homes	Vol. 6 No. 3 December, 2021 ISSN: 0974-5823
10.	Ganesh RM, Dr. Manoharan S, Marimuthu C N, Senthil J	International Journal of Mechanical Engineering	INTERNATIONAL	Distillation Column-Modeling, Control and Optimization - A Review	Vol. 6 No. 3 December, 2021 ISSN: 0974-5823
11.	Ganesh RM, Dr. Manoharan S, Marimuthu C N, Senthil J, Arunkumar R K	International Journal of Mechanical Engineering	INTERNATIONAL	Control of Non-linear Process with Fault Tolerance and Reconfiguration	Vol. 6 No. 3 December, 2021 ISSN: 0974-5823
12.	S.Jagadeesan, R.Navin Kumar, K.E.Eswari, N.Zahira Jahan, Kiruthiga G	International Journal of Mechanical Engineering	INTERNATIONAL	Multi Phase Shelter Using Pixel Assortment Practice For Enhancing Steganography	Vol. 6 No. 3 December, 2021 ISSN: 0974-5823
13.	J. Cynthia, G. Sakthi Priya, C. Kevin Samuel, M. Suguna, J. Senthil, S. Abraham Jebaraj	Webology-Computing Technology and Information Management	INTERNATIONAL	Traffic Flow Forecasting Using Machine Learning Techniques	Volume 18, Special Issue, September, 2021, ISSN: 1735-188X DOI: 10.14704/WEB/V18SI04/WEB18295
14.	L. Latha, J. Cynthia, G. Seetha Lakshmi, B. Raajshree, J. Senthil, S. Vikashini	Webology-Computing Technology and Information Management	INTERNATIONAL	Human Activity Recognition Using Smartphone Sensors	Volume 18, Special Issue, September, 2021, ISSN: 1735-188X DOI: 10.14704/WEB/V18SI04/WEB18294
15.	Jayakumar Sadhasivam, J. Senthil, R.M. Ganesh, N.	Webology-Computing Technology and	INTERNATIONAL	Liver Disease Prediction Using Machine	Volume 18, Special Issue, September, 2021, I

S.NO.	STAFF NAME	NAME OF THE JOURNAL	NATIONAL/ INTERNATIONAL	PAPER TITLE	PERIOD
	Chellapan	Information Management		Learning Classification	ISSN: 1735-188X DOI: 10.14704/WEB/V18SI02/WEB18293
16.	J. Cynthi, J. Clement Sudhahar, M. Suguna, K.R. Baskaran, J. Senthil, K. Vinoth	Webology-Computing Technology and Information Management	INTERNATIONAL	Disaster Management Using VANET	Volume 18, Special Issue, September, 2021, ISSN: 1735-188X DOI: 10.14704/WEB/V18SI02/WEB18292
17.	Srividhya Ganesan, Dr. Raju, Dr.J. Senthil	Webology-Computing Technology and Information Management	INTERNATIONAL	Prediction of Autism Spectrum Disorder by Facial Recognition Using Machine Learning	Volume 18, Special Issue, September, 2021, ISSN: 1735-188X DOI: 10.14704/WEB/V18SI02/WEB18291
18.	S. Jagadeesan, C. Mani, S. Sambasivam, P. Jaisankar, S. Sasikala	Webology-Computing Technology and Information Management	INTERNATIONAL	The Role of AES and RC5 Algorithm: A Cryptosystem Model to Secure Information in the Image based Steganography along with Watermarking	Volume 18, Special Issue, October, 2021, ISSN: 1735-188X DOI: 10.14704/WEB/V18SI05/WEB18296
19.	P.Sobana, Mr.S.Prabhu, Dr.S.Karuppusamy	International Journal of Advance Research and Innovative Ideas in Education	INTERNATIONAL	A Technical Survey on Forecasting Stock Price using Machine Learning	Volume :07, Issue: 05, 2021 ISSN: 2395-4396
20.	N.Anbarasu, Dr.K.Shanmugapriya, Dr.S.Prabhu	International Journal of Advance Research and Innovative Ideas in Education	INTERNATIONAL	A Technical Survey on Stock Price Prediction in Machine Learning	Volume :07, Issue: 05, 2021 ISSN: 2395-4396
21.	V.Gunasundhari,	International,	INTERNATIONAL	A Technical	Volume :07, Issue:

S.NO.	STAFF NAME	NAME OF THE JOURNAL	NATIONAL/ INTERNATIONAL	PAPER TITLE	PERIOD
	Mrs.M.Parvathi	Journal of Advance Research and Innovative Ideas in Education		Survey on Cryptography Techniques in Cloud Computing Environment	05,2021 ISSN:2395-4396
22.	K,Vinitha, Dr.P.Thirumoorthy	International Journal of Innovative Research in Computer and Communication Engineering	INTERNATIONAL	Survey on Deduplication of Encrypted Big Data in Cloud	Volume :09, Issue: 10, October 2021 ISSN: 2320-9801
23.	L.Subhashini, Ms.S.Maheswari, Dr.D.Karthikeswaran	International Journal of Innovative Research in Computer and Communication Engineering	INTERNATIONAL	Cloud Computing Security	Volume :09, Issue: 10, October 2021 ISSN: 2320-9801
24.	N.Sridhar, Ms.K.Shanmugapriya	International Journal of Latest Engineering Science	INTERNATIONAL	A Technical Survey on Anomaly Detection in IoT Environment	Volume :04, Issue: 05, September to October 2021 ISSN: 2581-6659
25.	J.Priyadharshini, Ms.E.Padma, Dr.S.Prabhadevi	International Journal of Innovative Research in Computer and Communication Engineering	INTERNATIONAL	Artificial Intelligence Image Recognition Method based on Convolutional Neural Network algorithm	Volume :09, Issue: 09, September 2021 ISSN: 2320-9801
26.	S.Keerthana, P.Vaniths, Dr.S.K.Mahalingam	International Journal of Innovative Research in Computer and Communication Engineering	INTERNATIONAL	A Technical Survey on Data Mining Clustering approach in the Personalized E-Learning system	Volume :09, Issue: 09, September 2021 ISSN: 2320-9801
27.	P.Boobalan, Mr.K.Gunasekar	International Journal of Innovative Research in Computer and Communication Engineering	INTERNATIONAL	A Technical Survey on Image Encryption using Block Transformation and Carrier Image	Volume :09, Issue: 10, October 2021 ISSN: 2320-9801

S.NO.	STAFF NAME	NAME OF THE JOURNAL	NATIONAL/ INTERNATIONAL	PAPER TITLE	PERIOD
28.	A.Anisha Sanjeetha, Dr.R.Sivaraj, Ms.P.Uma	International Journal of Innovative Research in Computer and Communication Engineering	INTERNATIONAL	A Technical Survey on Software-Defined Network in networking environment	Volume :09, Issue: 10, October 2021 ISSN: 2320-9801
29.	E.Manimegalai, Dr.D.Vanathi	International Journal of Innovative Research in Computer and Communication Engineering	INTERNATIONAL	COVID Disease Detection using Deep Learning Techniques	Volume :09, Issue: 10, October 2021 ISSN: 2320-9801

FACULTY INTERACTION WITH OUTSIDE WORLD

S.N O.	STAFF NAME	ACTED AS	TITLE	ORGANIZ ATION	PERIOD
1	DR.S.ARUMUGAM	EDITOR IN CHIEF	International Journal of Research and Advanced Development		
2	DR.P.THIRUMOOR THI	EDITORIAL BOARD MEMBER	International Journal of Research and Advanced Development		
		Elected Member	Elected Member of IEI Erode Local Center		
		Journal Reviewer	International Journal of Ubiquitous Computing		
		Journal Reviewer	International Journal of Photo energy		
		PARTICIPANT	Two-day Awareness Workshop on Improving Research & Performance Outcomes	ELSEVIER-Researcher Academy On Campus	31-08-2021
3	DR.D.VANATHI	Professional Body Member	Institute for Engineering Research And Publication		19-04-2021 to 31-12-2021
4	DR.D.VANATHI	Life Member	Institution for Engineering's(India) from February, 2022 onwards		From 02-02-2022 onwards
5	Ms.P.VANITHA	Appeciation	Computer Skills & Apps Installation class for Nandha Ayurveda Medical College and Hospital		21-04-2022 & 22-04-2022
6	Ms.S.KAVITHA	Appeciation	Computer Skills & Apps Installation class for Nandha Ayurveda Medical College and Hospital		21-04-2022 & 22-04-2022
7	Ms.M.DEEPIKA	Appeciation	Computer Skills & Apps Installation class for Nandha Ayurveda Medical College and Hospital		21-04-2022 & 22-04-2022

STUDENT CO-CURRICULAR ACHIEVEMENTS

SNO	NAME OF STUDENT	CLASS	EVENT	TITLE	INSTITUTION	ACHIEVEMENTS
1.	Yuva surya.K.S	1 ST YR	Graphical design		Erode Sengunthar College	1 ST PLACE
2.	Ajay S	1 ST YR	Maths Quest		Nandha Engineering college	2 ND PLACE
3.	Vasanth.R	1 ST YR	Graphical design		Erode Sengunthar College	2 ND PLACE
4.	Yuva surya.K.S	1 ST YR	Workshop	Multi media	Karpagam Engineering college	PARTICIPATION
5.	Gowri Shankar R	1 ST YR	Workshop	Training on placement and career guidance	Kongu Engineering College	PARTICIPATION
6.	kishor MV	1 ST YR	Paper presentation	Neural Network	Aditya Institute of Technology	PARTICIPATION
7.	Gowri Shankar R	1 ST YR	Tech quiz		Kongu Engineering College	PARTICIPATION
8.	Harini v	1 ST YR	Tech quiz		Kongu Engineering College	PARTICIPATION
9.	Janani A	1 ST YR	Paper presentation	Neural Network	Aditya Institute of Technology	PARTICIPATION
10.	Vijayalakshmi M	1 ST YR	Workshop	Mechanism to embellish communication skills	Nandha Engineering college	PARTICIPATION
11.	Neranjana.S.S	1 ST YR	Workshop	TED TALK	Nandha Engineering college	PARTICIPATION
12.	Sridhar.B	1 ST YR	Logo design		Erode Sengunthar College	PARTICIPATION
13.	Jeyabharathi. P	1 ST YR	Workshop	IoT Workshop	KPR Institute of Engineering and technology	PARTICIPATION
14.	Lakshana.S	1 ST YR	Workshop	IoT Workshop	KPR Institute of Engineering and technology	PARTICIPATION
15.	Jayaprakash. B	1 ST YR	Workshop	IoT Workshop	KPR Institute of Engineering and technology	PARTICIPATION
16.	Devadharshini.G	1 ST YR	Workshop	IoT Workshop	KPR Institute of Engineering and technology	PARTICIPATION
17.	Kaaviyadharshini	1 ST YR	Workshop	IoT Workshop	KPR Institute of Engineering and technology	PARTICIPATION

SNO	NAME OF STUDENT	CLASS	EVENT	TITLE	INSTITUTION	ACHIEVEMENTS
18.	Manojini.S	1 ST YR	Workshop	IoT Workshop	KPR Institute of Engineering and technology	PARTICIPATION
19.	Harshini.S	1 ST YR	Workshop	IoT Workshop	KPR Institute of Engineering and technology	PARTICIPATION
20.	Thirukkumar an.S	1 ST YR	Maths Quest		Nandha Engineering college	1 ST PLACE
21.	Vijayalaksh mi M	1 ST YR	Quiz	World cancer day	Nandha Engineering college	PARTICIPATION
22.	SOWDHAR SHINI P	2 ND YR	quiz	crack the quiz	KPR Institute of Engineering and technology	2 nd place
23.	RAGUL V	2 ND YR	paper presentation	BODY MASS INDEXING	Kongu Engineering College	Third
24.	Sujith j	2 ND YR	webinar	Aware webinars for entrepreneurs	ONLINE	participation
25.	SOWDHAR SHINI P	2 ND YR	webinar	Aware webinars for entrepreneurs	ONLINE	participation
26.	PRANESH S	2 ND YR	webinar	Aware webinars for entrepreneurs	ONLINE	participation
27.	Akshaya	2 ND YR	webinar	Aware webinars for entrepreneurs	ONLINE	participation
28.	ARJUN	2 ND YR	webinar	Aware webinars for entrepreneurs	ONLINE	participation
29.	BAAZILKUMAR	2 ND YR	webinar	Aware webinars for entrepreneurs	ONLINE	participation
30.	DHANIKAG	2 ND YR	webinar	Aware webinars for entrepreneurs	ONLINE	participation
31.	GOMATHIM	2 ND YR	webinar	Aware webinars for entrepreneurs	ONLINE	participation
32.	MOUNICAM	2 ND YR	webinar	Aware webinars for entrepreneurs	ONLINE	participation
33.	RAHUL S	2 ND YR	paper presentation	Light fidelity(LIFI)	Kongu Engineering College	participation
34.	SASHVANT H M	2 ND YR	paper presentation	metaverse	Kongu Engineering College	participation
35.	VANI SHREE B	2 ND YR	paper presentation	metaverse	Kongu Engineering College	participation
36.	shanmugapriya P	2 ND YR	quiz	competitive seminar exam	KPR Institute of Engineering and technology	participation

SNO	NAME OF STUDENT	CLASS	EVENT	TITLE	INSTITUTION	ACHIEVEMENTS
37.	RAHUL S	2 ND YR	quiz	technical quiz	KPR Institute of Engineering and technology	participation
38.	RAHUL S	2 ND YR	co curricular	best student in cocurricular	Nandha Engineering College	AWARDED
39.	RAHUL S	2 ND YR	Quiz	national level quiz	kongu engineering college	participation
40.	RAHUL S	2 ND YR	Skill test	aws skill	capegemini	participation
41.	RAHUL S	2 ND YR	webinar	essential lakshaas for effective speaking	online	participation
42.	RAHUL S	2 ND YR	webinar	language acquisition in diverse linguistic and social circumstances	online	participation
43.	RAHUL S	2 ND YR	Webinar	leveraging machine learning to drive innovation process	online	participation
44.	RAHUL S	2 ND YR	Maths quix	connection pi rates21 evet	online	participation
45.	SELVARA MESHKUMAR P	2 ND YR	paper presentation		KSR institute of engineering and technology	participation
46.	SELVARA MESHKUMAR P	2 ND YR	workshop	Data science	M.Kumarasamy college of technology	participation
47.	SELVARA MESHKUMAR P	2 ND YR	paper presentation		SBM college of engineering and technology	participation
48.	ARAVIND R	2 ND YR	Webinar	Build your AI Virtual agent Engine	online	PARTICIPATION
49.	ARAVIND R	2 ND YR	paper presentation	Light Fidelity	Erode Segunthar Engineering college	PARTICIPATION
50.	ARAVIND R	2 ND YR	Webinar	Essential Lakshnas for Effective Learners	Nandha Engineering College	participation
51.	ARAVIND R	2 ND YR	Webinar	Self business Opportunity in Export	Nandha Engineering College	participation
52.	ARAVIND R	2 ND YR	workshop	Advanced Excel	online	participation

SNO	NAME OF STUDENT	CLASS	EVENT	TITLE	INSTITUTION	ACHIEVEMENTS
53.	ARAVIND R	2 ND YR	Webinar	Online Computer Programming lessons	online	participation
54.	ARAVIND R	2 ND YR	course completion	Cyber Security and Ethical hacking	online	participation
55.	Preethishri D	2 ND YR	Paper presentation	ESTIMATION OF HEIGHT WEIGHT BMI FROM FACE IMAGES	kongu engineering college	participation
56.	Preethika P	2 ND YR	Paper presentation	Holography	kongu engineering college	participation
57.	NITHARSH NA	3 RD YR	QUIZ		ONLINE	1 ST PLACE
58.	NISHANTH. C	3 RD YR	INTERNSHIP	Empower foundation		1 ST PLACE
59.	NISHANTH. C	3 RD YR	Webinar	essential program in machine learning zero to hero	online	participated
60.	NITHYASRI . R.B	3 RD YR	Webinar	how to get intern webinar	online	participated
61.	FARHANA J	3 RD YR	Webinar	how to get intern webinar	online	participated
62.	NANDHAK UMAR. C	3 RD YR	POSTER MAKING		online	participated
63.	FARHANA J	3 RD YR	IN-PLANT TRAINING			PARTICIPATION
64.	FARHANA J	3 RD YR	WEBINAR	CLOUD MASTER CLASS	ONLINE	PARTICIPATION
65.	FARHANA J	3 RD YR	WEBINAR	INTERVIEW TECHNIQUES	ONLINE	PARTICIPATION
66.	FARHANA J	3 RD YR	WEBINAR	ESSENTIAL LAKSHANAS FOR EFFECTIVE LEARNERS	ONLINE	PARTICIPATION
67.	FARHANA J	3 RD YR	INTERNSHIP	Scholarship on various stages in microsoft	ONLINE	PARTICIPATION
68.	FARHANA J	3 RD YR	COURSE COMPLETION	BASICS IN IPR	ONLINE	PARTICIPATION
69.	FARHANA J	3 RD YR	QUIZ	E-COMMERCE AND TEC	ONLINE	PARTICIPATION
70.	HARIHARA	3 RD YR	IN-PLANT		PHP	PARTICIPATION

SNO	NAME OF STUDENT	CLASS	EVENT	TITLE	INSTITUTION	ACHIEVEMENTS
	N S		TRAINING			
71.	HARIHARA N S	3 RD YR	COURSE COMPLETION	PYTHON AND MACHINE LEARNING	ONLINE	PARTICIPATION
72.	HARIHARA N S	3 RD YR	COURSE COMPLETION	PYTHON AND MACHINE LEARNING	ONLINE	PARTICIPATION
73.	HARIHARA N S	3 RD YR	COURSE COMPLETION	FRONT END DEVELOPMENT	ONLINE	PARTICIPATION
74.	HARIHARA N S	3 RD YR	WEBINAR	CLOUD MASTER CLASS	ONLINE	PARTICIPATION
75.	HARIHARA N S	3 RD YR	WEBINAR	PSYCHOSOCIAL SUPPORT FOR COVID	ONLINE	PARTICIPATION
76.	HARIHARA N S	3 RD YR	PROJECT	NEPHROCARE	ONLINE	PARTICIPATION

STUDENTS PLACEMENT RECORD

S.NO	REG.NO	NAME OF THE STUDENT PLACED	COMPANY NAME
1	18CS001	AAKASH S	Cognizant
2	18CS002	ABISHEK D K	wipro
3	18CS003	AKASH R	TCS NQT
4	18CS004	ANAND S	virtusa
5	18CS005	ANUSIYA K	TechM
6	18CS008	BRAJAGOPAL MUKHERJEE	Ionixx
7	18CS009	CHELSIYA B	DXC
8	18CS010	S.DEEPAN CHAKRAVARTHY	Mphasis
9	18CS011	S.DHARANI	DXC
10	18CS012	DHAYANANTH.P	wipro
11	18CS014	DHIYANESWARAN.T	capgemini
12	18CS016	M DINESHKUMAR	IGEN
13	18CS018	ELAVARASAN R	vinsinfo
14	18CS020	P.GIRIPRAKASH	Mphasis
15	18CS023	R.GOKULAKANNAN	virtusa
16	18CS024	GOPISETTI VENKATA SAI SUMANTH	TCS NQT
17	18CS025	HARISH.M	QSpider
18	18CS027	HEMALATHA.S	DXC
19	18CS028	HIRISHRAJ.B	Mphasis
20	18CS030	JAISHREE	IGEN
21	18CS034	KARAN KUMAR S	wipro
22	18CS035	KARTHIK K	virtusa
23	18CS036	KARTHIKEYAN K	virtusa
24	18CS037	KAVIN K	virtusa
25	18CS040	KIRUBAKARAN S	DXC
26	18CS041	KOWSHALYA S P	virtusa
27	18CS042	LOGESH T	TechM
28	18CS043	MAGESHWARI S	DXC
29	18CS045	MANOPRASANTH N	Datapattern
30	18CS046	MADHUMITHA J	IGEN
31	18CS047	MOHAMADILYAS S	wipro
32	18CS048	MOHAMMED SAHEETH J	Thirvu Soft
33	18CS050	MOHAN PRABHU S	IGEN
34	18CS051	MONA C	virtusa
35	18CS052	P.MONISHA	Ionixx
36	18CS053	MONISHA.R	TechM
37	18CS057	NANDHINI DEVI S	Thirvu Soft
38	18CS058	NARRENTHIRAN G	Avasoft
39	18CS059	NAVEEN KUMAR	IGEN
40	18CS060	NAVEEN.P	CTS
41	18CS061	NAVEEN PRASANTH A	virtusa
42	18CS062	NITHISH KUMAR.A	TechM
43	18CS063	PASUBATHIRAJA D	DXC

SNO	REG NO	NAME OF STUDENTS PLACED	COMPANY NAME
44	18CS064	PAVESH.T	CTS
45	18CS065	PAVITHRA P	wipro
46	18CS066	PRADEEPKUMAR M	virtusa
47	18CS067	PRADEEP RAJ S	Hexaware
48	18CS068	PRAWIN KIRUTHIK A.S	capgemini
49	18CS069	PREETHI. K	wipro
50	18CS070	PREETHI S	wipro
51	18CS071	RAJA THEEBEEKAA R	Ionixx
52	18CS072	RESHMON.R	wipro
53	18CS073	RIYAZ AHAMED.S	capgemini
54	18CS074	SANGAVI G	IGEN
55	18CS076	SANJAY C	wipro
56	18CS078	SARAVANAN.M	QSpider
57	18CS079	SATHIYA SREE.S	virtusa
58	18CS080	K.SETHUPATHY	TCS Digital
59	18CS081	SHANGAVI.M	DXC
60	18CS083	E.P.SHIBBI	Aalamsoft
61	18CS084	SHRI SUJETHAA.R.S	wipro
62	18CS085	SHRI SWEATHAA.R.S	exavalu
63	18CS086	SINDHU.C	TechM
64	18CS087	SIVA VIGNESH.M	capgemini
65	18CS088	SIVAPPRIYAN N	wipro
66	18CS089	V.SIVASANKAR	wipro
67	18CS090	SNEHA M	capgemini
68	18CS091	A. SREEDHARAN	TechM
69	18CS092	SRI SNEKA P	DXC
70	18CS093	S.SRIVARSHINI	DXC
71	18CS094	SRIVATHSUN MA	virtusa
72	18CS095	SUBASH CHANDHRA BOSE M	Consoleague
73	18CS096	SUBHASH S	TCS NQT
74	18CS097	SUDHARSAN. V.A.T	Exa valu
75	18CS100	R. SURYA PRAKASH	wipro
76	18CS102	THARANEESH RAJ.S	Mphasis
77	18CS103	THENNARASU B	IGEN
78	18CS104	VASANTH KUMAR P	Hexaware
79	18CS108	VIGNESH M	TCS NQT
80	18CS109	VIGNESH. R	DXC
81	18CS110	VIKRAM S	virtusa
82	18CS111	VIMALRAJ R	Thirvu Soft
83	18CS112	VINETH NIREJ V	TCS NQT
84	18CS113	VISALASHI.D	DXC
85	18CS114	VISHNU KUMAR S	IGEN
86	18CS115	VISWAA E	IGEN
87	18CS117	T.YUVARAJ	wipro

STUDENTS INTERNSHIP DETAILS

S.NO	NAME	COMPANY NAME	INTERN DURATION
1	E.P.SHIBBI	Aalamsoft	15.12.2021 TO 14.06.2022
2	NARRENTHIRAN G	Avasoft	01.12.2021 TO 31.05.2022
3	MANOPRASANTH N	Datapattern	09.11.2021 TO 08.07.2022
4	BRAJAGOPAL MUKHERJEE	Ionixx	01.09.2021 TO 31.03.2022
5	RAJA THEEBEEKAA R	Ionixx	01.09.2021 TO 31.03.2022
6	P.MONISHA	Ionixx	01.09.2021 TO 31.03.2022
7	MOHAMMED SAHEETH J	Thirvu Soft	15.11.2021 TO 31.03.2022
8	NANDHINI DEVI S	Thirvu Soft	15.11.2021 TO 31.03.2022
9	VIMALRAJ R	Thirvu Soft	15.11.2021 TO 31.03.2022
10	M DINESHKUMAR	IGEN	13.12.2021 TO 31.03.2022
11	MOHAN PRABHU S	IGEN	13.12.2021 TO 31.03.2022
12	NAVEEN KUMAR	IGEN	13.12.2021 TO 31.03.2022
13	VISWAA E	IGEN	13.12.2021 TO 31.03.2022
14	JAISHREE	IGEN	13.12.2021 TO 31.03.2022
15	SATHIYA SREE.S	Virtusa	17.01.2022 TO 18.04.2022
16	ANAND S	Virtusa	17.01.2022 TO 18.04.2022
17	KOWSHALYA S P	Virtusa	17.01.2022 TO 18.04.2022
18	R.GOKULAKANNAN	Virtusa	17.01.2022 TO 18.04.2022
19	KARTHIK K	Virtusa	17.01.2022 TO 18.04.2022
20	KARTHIKEYAN K	Virtusa	17.01.2022 TO 18.04.2022
21	KAVIN K	Virtusa	17.01.2022 TO 18.04.2022
22	MONA C	Virtusa	17.01.2022 TO 18.04.2022
23	NAVEEN PRASANTH A	Virtusa	17.01.2022 TO 18.04.2022
24	PRADEEP KUMAR M	Virtusa	17.01.2022 TO 18.04.2022
25	SRIVATHSUN Ma	Virtusa	17.01.2022 TO 18.04.2022
26	VIKRAM S	Virtusa	17.01.2022 TO 18.04.2022

EXTRA CURRICULAR ACTIVITES

ATHELETICS



LONG JUMP



KHO-KHO



ATHELETICS FOR GIRLS



THROW BALL FOR GIRLS



ALUMINI INTERACTION



**Mr.K.A.Karthick (2012-2019) and Mr.A.V.Gowtham (2011-1015) batch students
Interacted with I year students on 6.12.21**



**Mr.Bathri Akash and Mr.K.E.Karthik (2015-2019) batch students interacted with I year
students about future of IT Fields on 12.10.21**

ALUMINI INTERACTION



Our Alumni Mr.Aswin, and Ms.Hamsanandhini shared their experience and gave suggestions on how to get through core companies.



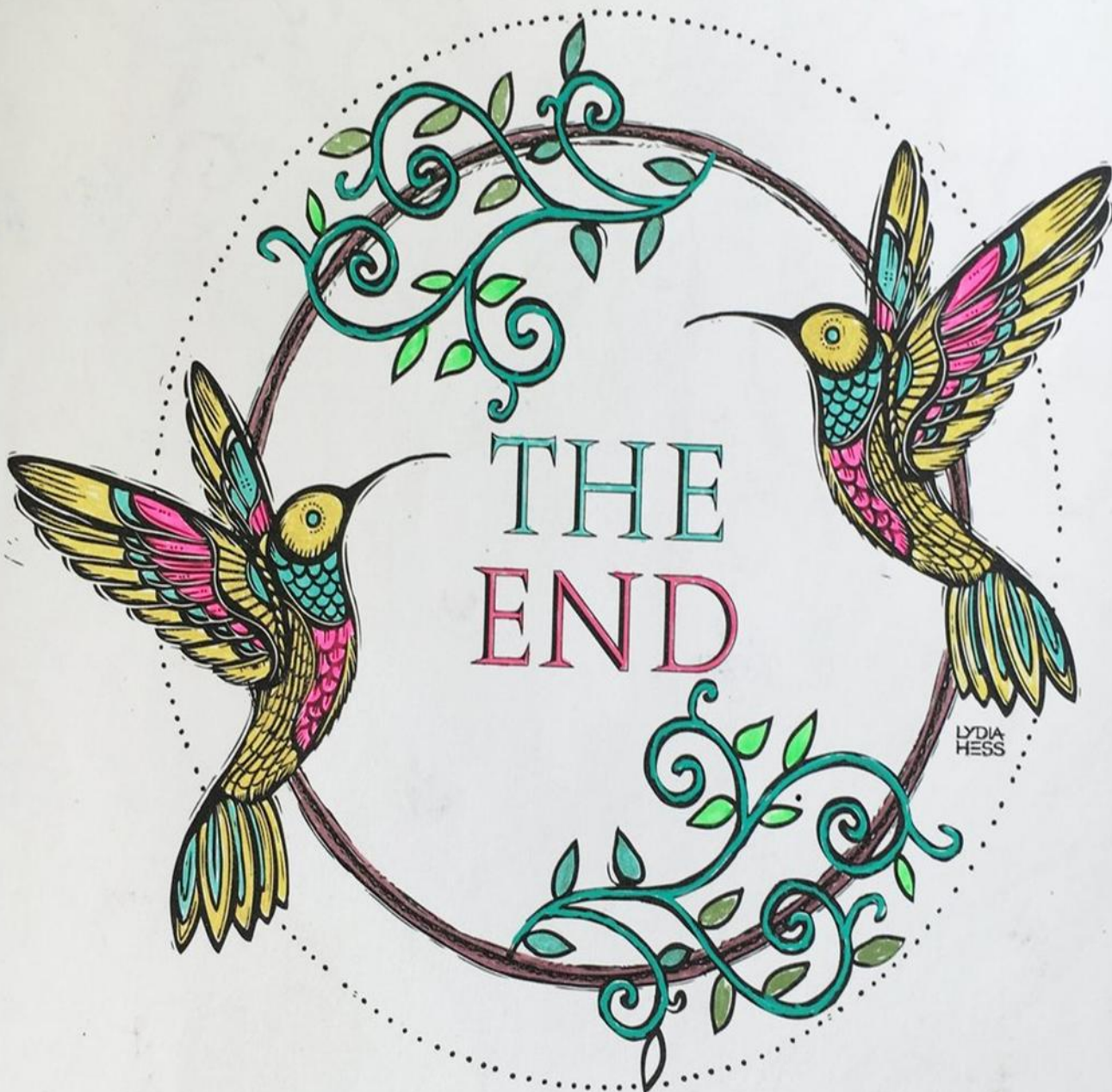
Mr.K.B.Dinesh, P.Aswin Raj and Ajay Kumar of 2017-2021 batch interacted with Iyear students about their experience in companies and how to become an entrepreneur

CONSULTANCY LIST

S.NO	NAME OF THE CONSULTANT(S) DEPARTMENT	NAME OF CONSULTANCY PROJECT	CONSULTING/SPONSORING AGENCY	REVENUE GENERATED (AMOUNT IN RUPEES)
1	Mr.S.Jagadeesan	Enterprise Resource Planning for Rice Industry	Valamm rice Industries	5000
2	S.Prabhu	Web based Travel Management System	Sri Vathiyar Travels	5000
3	M.Parvathi	Medical Store Management System	Lyca Pharmacy	5000

ANNUAL DAY AWARDS

B.E – Computer Science and Engineering			
Award Category	Year Student	Student Name	Mark
BEST STUDENT IN CO-CURRICULAR ACTIVITIES	IV Year	SATHIYA SREE S	3.5
		SRI SNEKA P	6.5
	III Year	HARI HARAN S	22
		KAVIN KUMAR G	23
	II Year	ARAVIND R	2.5
		RAGUL S	8
	I Year	KARTHIKEYAN N	11
		YUVASURYA K S	5
BEST EXTRA-CURRICULAR	IV Year	VISALASHI D	11
	III Year	NISHANTH C	9
	II Year	SURYA S	11
	I Year	NAVEEN KUMAR S	13



LYDIA
HESS