



KUMARAGURU
college of technology
character is life

ODD SEM | 2020-2021

COOKIE

Official Newsletter

DEPARTMENT OF INFORMATION TECHNOLOGY, KCT

VADE MECUM

- Events Organized
- Research Activities
- Memorandum of Understanding
- Placement and Internships
- Department Association
- Alumni Benefaction
- Students Corner

Faculty Editor : Prema Arokia Mary G, AP/IT

Student Editor : Karishma E II YR IT

Swathy K II YR IT

Kamaleshwaran B II YR IT

*“Technology is
best when it
brings people
together”
- Matt
Mullenweg*

EVENTS ORGANIZED

Online STTP on Application Development using Full Stack

Application development using full-stack is a week long online short term training program organized by Mr.S.Kanagaraj & Ms. G. Prema Arokia Mary. This STTP consisted of a wide range of participants from 2nd to 4th year conducted via MSTEams. The resource persons are our department alumni from various batches.

Sentimental Analysis Using RNN

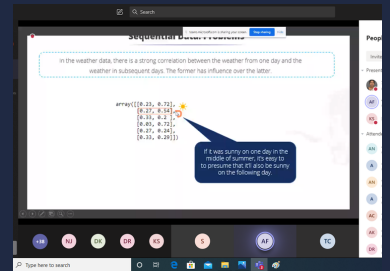
"Sentimental Analysis using RNN" is a webinar conducted on 08.07.2020. It was organised by Ms.S.Sathyavathi & Ms.S.Kavitha. This session was carried by our resource person Mr.Arul Francis , Senior Manager i2 decisions,Chennai. The event had more than 50 participants and it was ended successfully.

Training Programme on Web API

Training programme on Web API is a 6 day long webinar that was held between 06.07.2020 to 11.07.2020. It was organised by Mr.A.Suresh. The session was taken by the resource person Mr.Satheesh Kumar technical manager at Exterro who have 19+ years of experience in Microsoft Technology. There were 60 participants .

ART OF CREATIVITY 2D DESIGN

Art of Creativity - 2D Design a designing STTP held for 5 days between 06.07.2020 to 11.07.2020. It was organized by Ms.M.N.Saroja & Mr.L.Hari Prasath . This session was helpful for the participants to know more about editing in photoshops and creating new designs



BLOCKCHAIN INTRODUCTION AND ITS IMPACTS ON JOB MARKET

The webinar on Blockchain was a one day Session held on 24.09.2020. It was organised by Dr.M.Alamelu, and nearly 80 members participated in this webinar. It had an Introduction on Blockchain and its impact on Job market. There was a discussion about a certification program on the block chain training course offered to the students and the global arena view.



RESEARCH ACTIVITIES

Sathyavathi, S. Dhaaraani, R. Kavitha, S. Prema Arokia Mary, G. (2020). Detection of Fraudulence Activity Using Smart Cards. International Journal of Advanced Science and Technology, 29(06), 4344 - 4352.

Asvika, K.S. Vanitha, V. (2020). A deep learning Approach for Heart Disease Prediction. International Journal of Advanced Science and Technology. 29(6). 4334 - 4343

Kavitha, S. Seetha, R. Sathyavathi, S. (2020). Prediction of Customer Churn in Telecom Industry Using Deep Learning Techniques. Journal of Emerging Technologies and Innovative Research (JETIR). 7(6). 1168-1173

*PUBLICATION
DETAILS FROM
JUNE 2020 -
DECEMBER 2020*

"It does not matter how slowly you go as long as you do not stop" - Confucius

Prema Arokia Mary, G. Saru Priya, K. Suganthi, N. Sathyavathi, S. (2020). Dopamine Analysis Using Multiple Machine Learning Techniques. International Journal of Advanced Science and Technology. 29(05). 10220 - 10227.

Baskaran,K.R. Sathyavathi,S. Karthickeyan, Gangamanikandan,Harish,S.(2020). Electromyography Sensor with Virtual Reality Monitoring Muscle Activity. Test Engineering & Management. 83. 18350 -18357

Baskaran,K.R. Kaviya,B. Kavitha,S. (2020). A Stock Market Prediction System Based on Time Series. Test Engineering & Management. 83.18327 -18338.

Dr.M.Alamelu.Fuzzy Rule based SLA Generation Algorithms for Web Based Multi Party Negotiation Systems, Journal of Intelligent & Fuzzy Systems pp. 1-12

Dr.V.Vanitha,Enhancing the performance of service discovery protocol using minimum spanning tree, International Journal of Mobile Communications Vol 8 / Issue 4 / PP - 443 - 461

*PUBLICATION
DETAILS FROM
JUNE 2020 -
DECEMBER 2020*

*"All our dreams can come true, if we have the
courage to pursue them" - Walt Disney*

M.N.Saroja,Waste separator, International
Journal of Science & Engineering Development
Research Vol.5 / Issue 8 / page no.282 -285

Rajathi N, Vanitha V,Alzheimer Disease
Forecasting using Machine Learning
Algorithm, Bioscience Biotechnology
Research Communications Special Issue
Volume 13 No (11) 2020 page no 15-19

Rajathi N, Vanitha ,Heart Disease Prediction
Using Machine Learning Algorithms, Bioscience
Biotechnology Research Communications
Special Issue Volume 13 No (11) 2020 page no
2427

Alamelu M, Advancement in Identification
and Classification Framework for Malaria
Parasite Based on Image Manipulation,
Bioscience Biotechnology Research
Communications Special Issue Volume 13 No
(11) 2020 page no 28-33

*PUBLICATION
DETAILS FROM
JUNE 2020 -
DECEMBER 2020*

*"I never dreamed about success, I worked
for it" - Estée Lauder*

S Sathyavathi, S Kavitha, Breast Cancer Identification Using Logistic Regression, Bioscience Biotechnology Research Communications Special Issue Volume 13 No (11) 2020 page no 34-36

Rajathi N, Comparative Study of Machine Learning Approaches in Diabetes Prediction, Bioscience Biotechnology Research Communications Special Issue Volume 13 No (11) 2020 page no 42-46

Rajathi N, Vanitha V, Classification of Mushrooms to Detect their Edibility Based on Key Attributes, Bioscience Biotechnology Research Communications Special Issue Volume 13 No (11) 2020 page no 52-54

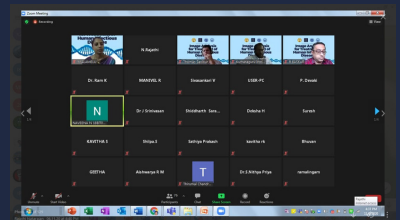
G.Prema Arokia Mary, Predicting Metamorphic Changes In Parkinson's Disease Patients Using Machine Learning Algorithms, Bioscience Biotechnology Research Communications Special Issue Volume 13 No(11) 2020 page no 147-152

*PUBLICATION
DETAILS FROM
JUNE 2020 -
DECEMBER 2020*

"There is nothing more powerful in the world than the idea that came in time" - Victor Hugo

INTERNATIONAL CONFERENCE

The AICTE sponsored international conference on “Image Analysis for treatment of Human Infectious Disease” organized by Department of Biotechnology and Information Technology on 06.11.2020 and 07.11.2020. The keynote address one entitled “Fluorescence microscopy sheds light on the mechanism of disruption of microbial nutrient bioprocess by nanoplastics” was delivered by Dr. Thomas Seviour, Associate professor, Department of Biological and Chemical Engineering, Aarhus University, Denmark. The keynote two titled “Healthcare Analytics” was delivered by Mr. Sivakumar Palanisamy, MultiCloud Expert, Piscataway, New Jersey on November 6 2020. The keynote address three on the title “Medical Image Analytics” was delivered on November 7 th ,2020 by Dr. Deepak Mishra, Associate Professor Head, Department of Avionics, Indian Institute of Space Science and Technology. Followed by the keynote speech, a total of 78 papers were presented in the IT track. Based on the conference theme, the articles were presented in five sessions. This conference provided an excellent platform for collaborating and presenting high-end research and Industry Initiatives, getting to know and listen from authorities and experts in the fields of biological Image analysis, Digital image processing, Medical image data processing and analysis, pattern recognition approaches and applications etc.



"We are what we repeatedly do. Excellence, then, is not an act, but a habit" - Aristotle

MEMORANDUM of UNDERSTANDING

EMURGO is the official commercial and venture arm of the Cardano project – Mission towards 3rd Generation Blockchain, registered in Tokyo, Japan since June 2017 and in Singapore since May 2018. EMURGO is uniquely affiliated and works closely with IOHK to grow Cardano's ecosystem globally and promote the adoption of the Cardano blockchain. Blockchain is the latest upcoming technology generating lakhs of jobs in India in coming years. Keeping this in mind to bring the latest cutting-edge technology exposure to our students, IT department has signed up an MoU with EMURGO Academy on 24.10.2020.

Programs offered by EMURGO Academy:

Foundations of Blockchain – 30 Hrs

Ethereum Developer – 35 Hrs



PLACEMENT AND INTERNSHIPS

NAME & ROLL NUMBER	COMPANY	PACKAGE
Hari Prasanth M 17BIT053	COVIAM (Quin Bay)	6 LPA
Naveeth Z A 17BIT031	Kovai.co	4 LPA
Janani Sri 17BIT056	Zoho	6.5 LPA
Shinta C 17BIT033 Priyadharshini R 17BIT030	Robert Bosch	5 LPA
Sudhira S 17BIT020 Vaishaali K 17BIT004 Aadish N 17BIT017	ThoughtWorks	8.3 LPA
Boopathy K 17BIT028 Hariskumar K T 17BIT001 Mukesh Kiran M 17BIT037	LTI	5 LPA
Sumithra S 17BIT055	Rently Software Private Limited	8 LPA
Amrithaa D 17BIT063	Cognizant	4.5 LPA
JayaPratha 17BIT064	MachDatum	4.8 LPA
Prithika 17BIT010 Rakshitha 17BIT021 Kavipriya 17BIT018	TCS	3.36 LPA
Harini 17BIT002	Aspire Systems	4.5 LPA
Monisha 17BIT036 Raagapriya 17BIT038	Verticurl	2.4 LPA

PLACEMENTS
DETAILS

"Never bend your head. Always hold it high. Look the world straight in the eye" - Helen Keller

INTERNSHIPS DETAILS

NAME & ROLL NUMBER	COMPANY	Intern Stipend (Rs)
Hari Prasanth M - 17BIT053	COVIAM (Quin Bay)	24000
Naveeth Z A - 17BIT031	Kovai.co	10000
Harini A - 17BIT002 Priyadharshini R - 17BIT030 Amrithaa D - 17BIT063	Draup	7000
Jagan S - 17BIT042	Google summer of code (Zulip)	50000
Sumithra S - 17BIT055	Rently software private Limited	18000
Vaishaali K - 17BIT004 Aadish N - 17BIT017 Sudhira S - 17BIT020	Thoughtworks	30000
Santhosh M G - 17BIT046	yourDOST	20000
NAVEEN S - 17BIT049	ZOHO	15000
YESWANTH R - 17BIT025	Forge Accelerator	NIL

DEPARTMENT ASSOCIATION

• DA MEMEBERS



KAVIPRIYA K S - IV YEAR
PRESIDENT



MOUNIKA K S - IV YEAR
VICE PRESIDENT



MAHESH M - III YEAR
SECRETARY



AKSHAYA K - III YEAR
TREASURER



DEEKSHA H - II YEAR
JOINT SECRETARY



SRUTHI K - II YEAR
JOINT TREASURER



DHIVYA R - II YEAR
ALUMNI CO-ORDINATOR



GOUTHAM T - III YEAR
HIGHER STUDIES CO-
ORDINATOR



NAREN S R - II YEAR
EXTRA CURRICULAR
CO-ORDINATOR

ONE TEAM
ONE MEMBER

*"Begin to be now what you will be
hereafter" - William James*



NAVEENA N - III YEAR
SPORTS CO-ORDINATOR



HARINI K R - II YEAR
PLACEMENT
CO-ORDINATOR



KAMALESHWARAN B - II YEAR
MEDIA AND
DOCUMENTATION



AKSHAY R - III YEAR
TECHNICAL AMBASSDOR



SNEHA M - II YEAR
STUDENT CHAPTER



ARUN KUMAR K - III YEAR
COMPETITIVE EXAM
CO-ORDINATOR



SAI SARAN K - II YEAR
ENTREPRENEURSHIP



SWATHY K - II YEAR
BLOG CO-ORDINATOR



KARISHMA E - II YEAR
BLOG CO-ORDINATOR



MIRDULA LAXMI T - III YEAR
MARKETING CO-ORDINATOR



CHARAN U A - II YEAR
EXECUTIVE MEMBER



DEVANAND P S - II YEAR
EXECUTIVE MEMBER

ONE TEAM
ONE MISSION

*"Setting goals is the first step in turning the invisible
into the visible" - Tony Robbins*

TECH CULTURE

The event "TECH CULTURE " commenced with a brief introduction. Ms. Smruthi .V explained about LinkedIn, creating an account, improvising the profile,how to make it attractive,do's and don'ts and using it to find opportunities. Mr.Akshay Ravichandran presented the next topic"Resources in our college and other domains in IT field". Mrs.ValliKala continued with the session regarding Digital Well- being and Time Management.

CONNECT TECH

The event "CONNECT TECH" is a two day event conducted via Instagram and the questions are posted in the story page representing the words related to programming and information technology using GIFs. The 2nd round was began on the next day same as first round and finally the winners are announced in Instagram story page.

EXCALIBUR

The session "EXCALIBUR"phase was presented by Mr.Prabhakar on the topic "How to kick start your interview preparation?" and nearly 127 participants participated in this session and for"Exploring Data Structures" . Next the event was presented by Mr.Varun on the topic "Even algorithm face complexities" . Ms.Shilpa Ravikumar continued on the topic" Let's do some math" . Atlast by,Mr.Parthasarathy on the topic "Unlock the elements of array".



"You can't give up! When you give up, you're like everybody else" - Chris Evert

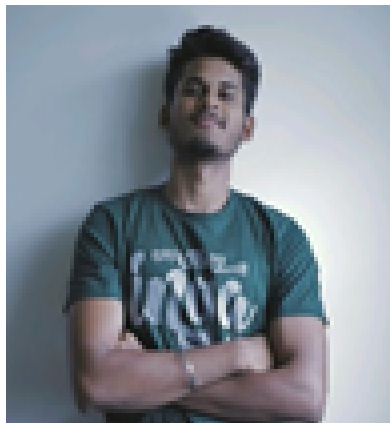
ALUMNI BENEFACTION

Ms.Smruthi,
Batch (2013-2017),
2nd Year PGDM student,PSGIM Coimbatore
Event Name - "Tech Culture, "Ignite 2020" LinkedIn
Tour & "Placement Mock Interview".



Ms.Ramya,
Batch (2016-2020),
Software development Engineer,Trimble Inc.
Event Name - "Ignite 2020" - LinkedIn Tour &
Placement Mock Interview".

Mr.Parthasarathy,
Batch (2016-2020),
Associate Technical Consultant ,
Vuram Technologies, Chennai.
Event Name - "Ignite 2020" - LinkedIn
Tour & "Excalibur Phase 1"- Placement
Training Series.



Mr.Prabhakar,
Batch(2014-2018),
Software Engineer , Flipkart, Bangalore.
Event Name-"Excalibur Phase 1"- Placement
Training Series.

ALUMNI
BENEFACTION

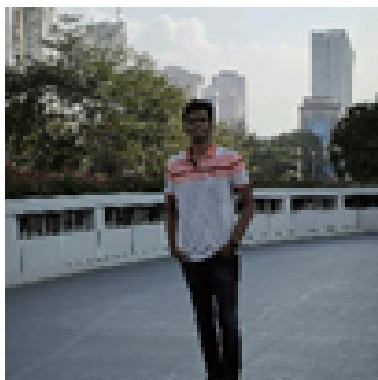
*"There is no easy way from the earth to
the stars" - Seneca*

Ms .Lavanya,
Batch(2012-2016),
Technical Operations Lead , Subex,
Bangalore.
Event Name - "Ignite 2020" - LinkedIn
Tour.



Ms .Lakshmitha,
Batch (2014-2018),
Customs Service Manager , Home First Finance
Company, Chennai.
Event Name - "Ignite 2020" - LinkedIn Tour.

Ms.Shilpa ,
Batch (2014-2018),
IT consultant , FDM Group , Toronto,
Canada.
Event Name - "Excalibur Phase 1"-
Placement Training Series.

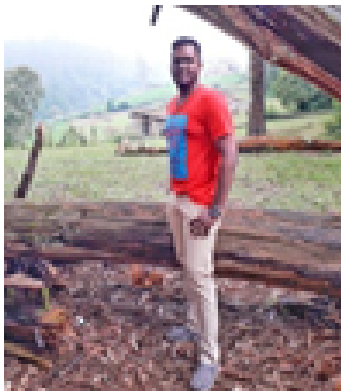


Mr.Varun,
Batch (2016-2020),
Software Development Engineer ,
IdeaBoard Technologies, Chennai.
Event Name-"Excalibur Phase 1"- Placement
Training Series.

ALUMNI
BENEFACTION

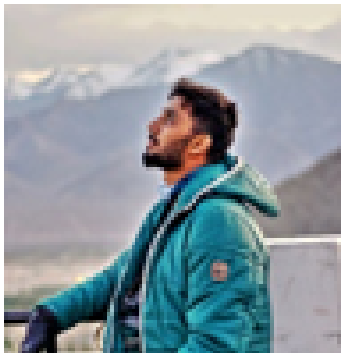
*"Victory is not always winning the battle...but rising
every time you fall" - Napoleon Bonaparte*

Mr.Prince Jayaseelam ,
Batch(2015-2019),
Senior Software Engineer , ValueLabs
Software Solution, Hyderabad.
Event Name -"Placement Mock Interview".



Mr.Dinesh Kumar ,
Batch(2015-2019),
Associate Software Engineer ,
Robert Bosch, Coimbatore.
Event Name-"Placement Mock
Interview".

Mr. Cibi ,
Batch(2012-2016),
Analyst 2 , Western Digital, Bangalore.
Event Name -Online STTP on application
development using full stack.

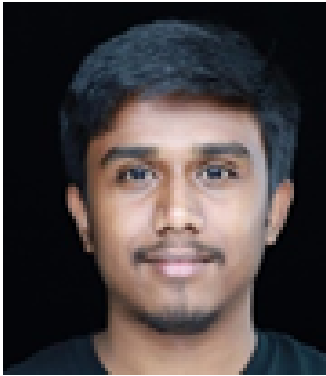


Mr.Vignesh N,
Batch(2012-2016),
Splunk Admin , FIS Global,Bangalore.
Event Name -Online STTP on application
development using full stack.

ALUMNI
BENEFACTION

*"Reality is created by the mind, we can change our reality
by changing our mind" - Plato*

Mr.Pradeep Anand,
Batch(2011-2015),
Software Developer , Kovan Labs,
Coimbatore.
Event Name -Online STTP on application
development using full stack.



Mr.Gowtham,
Batch(2012-2016),
Software Development Engineer II ,Amazon,
Bangalore.
Event Name -Online STTP on application
development using full stack.

Ms.Sindhuja,
Batch(2011-2015),
Accenture Service Pvt Ltd, Chennai.
Event Name-Online STTP on application
development using fullstack.



ALUMNI
BENEFACTION

*"Now go, and make interesting mistakes, make
amazing mistakes, make glorious and fantastic
mistakes. Break rules. Leave the world more
interesting for your being here. Make good art
- Neil Gaiman".*

*"It is not in the stars to hold our destiny but in
ourselves" - William Shakespeare*

STUDENT CORNER

THINK PIECE

I think we could all agree that 2020 was a rollercoaster journey. It wasn't any different for me. To look on the bright side, I got an internship at Thoughtworks and also got placed at Bosch. I decided to opt for Protosem in my sixth semester. I really needed a routine change and thought protosem would be the right platform to gain some real time working experience. My selection process to Protosem involved a three day Hackathon called lcamp where we worked on providing a prototype solution to the given problem statement. It also involved some quizzes and interviews. I also was selected to be interviewed by the Thoughtworks team during the Hackathon. I got selected to Protosem with a 50 percent scholarship.

In the program, we were asked to work on providing solutions to real time problems. But before that, we had many sessions on UI/UX designing, PCB designing, Design thinking, 3D printing etc. They were all very useful and we were assessed based on our performance and assignments. I gained a lot from these sessions. Even though I wasn't particularly interested in working with hardware, they made it very interesting that I enjoyed working on it. I learnt a lot about teamwork, listening skills, negotiating opinions and to think on my feet while working in a team. Out of the many problem statements that were provided, I chose the one that Thoughtworks sponsored because I was interested and also because that meant that I would be working with thoughtworks mentors. But even before we could start working together as a 8 member team, the lockdown happened. It was a struggle initially to work remotely as a team, but we slowly got accustomed to the new situation and started completing all the necessary documents. In june, we had our first meeting with the Thoughtworks team. Thoughtworks worked completely on agile methodology. So, I had to learn how it worked. We had all the meetings that a proper working team in a company would have. Starting from the daily stand up meetings, the lpm's, the backlog grooming meetings, the retrospective and finally the show cases. In every meeting, there was something new to learn, the thoughtworks sponsors gave us continuous feedback, questioned us, had us think and work more efficiently. During this whole process, they assessed us. Our outcome of the 20 week program was creating a website for event organizers to conduct successful events, a platform for exhibitors and visitors to understand the events better and improve and market their products in a more sophisticated way. After the completion of the project, Thoughtworks team selected five of us for a 6 month paid internship program. Depending upon our performance and after the successful completion of the internship, we will be converted as FTs' with Thoughtworks. This has been my 2020 journey. It was quite challenging but I believe that I thrived. I am really grateful to all my teachers and mentors, both at college and at Forge. I am thankful to our Joint Correspondent, Shri Shankar Vanavarayar for his support and for the ever inspiring words.



BY
SUDHIRA .S
IV YEAR

"Always keep your eyes open. Keep watching. Because whatever you see can inspire you" - Grace Coddington

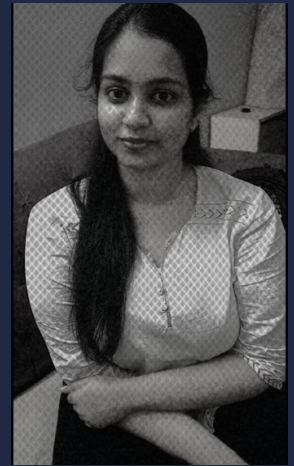
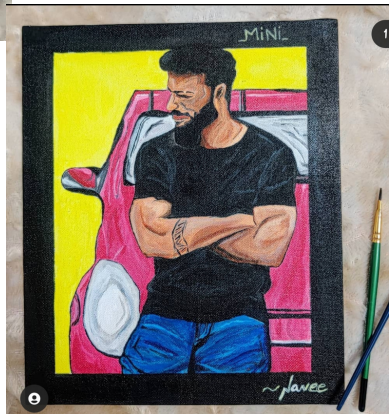
SCOOP

Sruthi Krishnakumar

2nd year IT dept Student

Ambassador, Infosys Campus Connect Programme. Campus Connect is a Training programme conducted by Infosys for all the colleges throughout South India. In this programme 10 students were selected and are being trained to take up the certification examination conducted by them. This programme covers all the topics required to attend any kind of examination from placement point of view and prepares us to solve all the industrial problems.

PORTRAYAL



BY
NAVEENA N
III YEAR IT

OUR HEARTFELT THANKS FOR THE HELPING HANDS TO MAKE THIS NEWSLETTER

DHIVYA R - 19B11017

HARINI K R - 19B11028

MAHESH M - 18B11052

.....THE END.....