PRODIGI
EXPRESS

PRODIGI
Genius Within!

MAY 2020
Volume-IX

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
Accredited by NBA New Delhi

ST JOSEPH ENGINEERING COLLEGE, VAMANJOOR, MANGALURU

Affiliated to VTU Belagavi, Recognised by AICTE New Delhi, Accredited by NAAC with A+ Grade

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Accredited by NBA New Delhi

VISSION

To Excel in Electronics and Communication Engineering Education and Research, focusing on the needs of Industry and Society, with professional ethics.

MISSION

- *Provide opportunities to deserving students for quality professional education in the field of Electronics and Communication.*
- *Design and deliver curricula to meet the changing needs of industry through student centric learning methodologies to excel in their profession.*
- *Recruit, Nurture and Retain best faculty and technical manpower.*
- *Consolidate the state-of-art infrastructure and equipment for teaching and research activities.*
- *Promote all round personality development of the students through interaction with alumni, academia and industry.*
- *Strengthen the Educational Social Responsibilities of the Institution.*

PRODIGI

Electronics & Communication Engineering Department has students' association named PRODIGI. Word 'PRODIGI' means a young person with exceptional qualities or abilities-a name befitting each and every member of the association. The association is spearheaded by the student office bearers and student members along with the guidance of HOD and the faculty coordinators. Association is an intellectual hub for nurturing creative, inherent and inert talent. It conducts technical talks by renowned resource persons from Academia and Industry, Peer Learning Talks, Workshops and other Short Term Training Programs (STTP) etc.

Contents

Director's Message

"My brain is only a receiver, in the Universe there is a core from which we obtain knowledge, strength and inspiration. I have not penetrated into the secrets of this core, but I know that it exists."   Nikola Tesla – Inventor & Engineer

The above quote is an eye open for everyone who thrives to seek knowledge. Tesla who made dozens of breakthroughs in the production, transmission, and application of electric power never stopped his quest for knowledge and this is what made him a great Engineer

One cannot become successful overnight. It requires dedication, passion, hard work, and commitment. We thrive to become successful, but we lack willpower and discipline. Our goals are short term and we are afraid to take the risk.

In this century being a successful engineer attributes a never-ending thirst for seeking knowledge. Don't stop if you have just reached a short goal. Make short goals a stepping stone for long-term goals. The long-term goals can be being an entrepreneur or inventor any many more.

But do not forget your roots once you achieve success. In this difficult time of the pandemic, your parents and teachers are working hard to ensure that your source of knowledge never stops. Be grateful to them especially your parents.

I am very happy and would like to congratulate the editorial board of Prodigi Express for their tremendous efforts in making this volume possible during these difficult *times. I thank the HOD and staff coordinators who have encouraged and stood by the students in their efforts in   bringing this volume of* PRODIGI EXPRESS .

My best wishes to PRODIGI EXPRESS – *2020.*

Rev. Fr Wilfred Prakash D'Souza

Assistant Directors Message

Electronics and Communication Engineering is a dynamic and exciting area that provides excellent carrier opportunities in various areas of technology. St Joseph Engineering College has a vibrant Electronics and Communications department, which is very vibrant in forming young students through various activities. PRODIGI EXPRESS - 2020 is a brain child of the department which consist of all the activities conducted.

Post Covid era has really changed our life style and also dropped us into a challenging situation. We need to accept everything and move forward with lot of hope and courage. Let us stay safe and battle against all the challenges.

I take this opportunity to congratulate all the staff and students for actively involving yourself in the departmental association. Special thank to the editorial board for all your efforts.

Rev. Fr Alwyn Richard D'Souza

Message From Principal

Word 'PRODIGI' means a young person with exceptional qualities or abilities-a name befitting every member of the association. Department of Electronics and Communication Engineering needs to be congratulated for bringing out the magazine 'PRODIGI EXPRESS' every year which provides a platform to the faculty and students of the department to showcase their achievement, sharpen their talent and to give expression to their original thoughts and thus develop an important aspect of their personality. We did look within and discovered our 'Genius' and we yearn for each of you to rediscover your own.

Dr Rio D'Souza

Message from Head of the Department

Covid pandemic has brought drastic changes in the Education System. Students are affected by this pandemic situation. Educators are finding new ways to ensure learning continues for students by online teaching and developing offline materials.

At this moment, I remember a quote from Buddha. He once said some lovely things to learn from water. " Adjust yourself in every situation and in any shape. But most importantly, find your own way to flow."

How beautiful is this quote! It is very essential to adapt ourselves to the situations but also at the same time we have to find our own ways to make our life journey a wonderful one.

First half of the academic year, our students took active participation by involving themselves in various technical activities. The next half of the year, we could not conduct any face to face programs, but in spite of this, our young and dynamic teams of staff organized various webinars and talks to students to enlighten them in VLSI, Embedded Systems, Signal Processing and Artificial Intelligence by renowned speakers. I am pretty sure students have received lot of information from them.

Dr Dayakshini

We have adapted ourselves with the change in the situation without compromising with quality of Education. I am very happy to say that our PRODIGI office bearers and students with supporting department coordinators have brought out this wonderful magazine of ECE Department. Our team is busy in nurturing, inspiring and guiding the young minds. I congratulate the whole team for bringing out this beautiful magazine PRODIGI Express 2020 and wish you all the best. !

Editor's Message

Ms. Vijayalaxmi H Manjunatha
Assistant Professor, ECE Dept
Editor

Ms. Chaitra U R
Assistant Professor, ECE Dept
Editor

"The technology you use impresses no one. The experience you create with it is everything." said Sean Gerety.

We are happy to release the ECE Department Magazine Prodigi EXPRESS-2020. The department magazine highlights the milestones of the department with the spotlight on the students. This also celebrates the achievements of the students and faculty. We would like to acknowledge the contribution of each and every one without whom this dream would not have been realized.

We hope that you enjoy relishing our experience!!

Editorial Committee

Mr S Anantha Kamath
Sub Editor
IV Year B Section

Mr Sanketh B Prabhu
Sub Editor
III Year B Section

Mr Hithesh D S
Sub Editor
III Year A Section

Mr Sandesh A Mesta
Member
IV Year B Section

Ms Anciceta P D'souza
Member
IV Year A Section

Mr Pranav S
Member
IV Year A Section

Mr Erwin Royson Monteiro
Member
IV Year A Section

Department Activities

Deep Learning

A Deep Learning workshop was organized on 3 September, 2019 for the faculty of ECE, CSE and EEE Departments by SJEC-MATLAB in association with MATHWORKS and Department of ECE at DSP Lab, ECE Department. Mr. Amith Kamath from MATHWORKS was the key resource person.

Workshop LGLiteATE

A one day workshop was conducted on **LGLiteATE** on 14 September 2019. The resource person for the workshop was Mr. Mahesh Bhatkal, Technical Director, Applied Digital Microsystems, Mumbai. The resource person explained the importance of testing in the semiconductor test industry.

Inauguration of Tessolve Semiconductor Laboratory and Biomedical Electronics Research Laboratory

Tessolve Semiconductor Laboratory and Biomedical Electronics Research Laboratory were inaugurated on 14 Sept 2019. Mr. Mahesh Bhatkal, Technical Director, Applied Digital Microsystems, Mumbai was the Chief Guest. Tessolve Semiconductor Laboratory is set up to train students as test Engineers in the field of Semiconductor IC Testing. Biomedical Research Laboratory is set up with an objective to help faculty and students to carry out their projects and research in the field of Biomedical Engineering.

Department Activities

Engineers' Day

On account of Engineers Day, two events were conducted namely Technical Treasure Hunt and Pick and Speak on 16th September 2019 for 3rd, 5thand 7th semester ECE students. Technical Treasure Hunt was coordinated by faculty coordinator Ms Vinitha Pasanha and Pick and Speak by Mr Prasad S M. Prize winners were announced on Engineers Day celebration on 17 September 2019 at 3 PM in Father Fred Memorial Hall. Certificates and gift vouchers were distributed to Winners. The Chief Guest was Mr Arun Prabha K S, the Chairman of the Association of Consulting Civil Engineers, Mangalore Center.

Cryptography

IEEE SJEC Student Branch in association with Communication Society organized a technical talk on '1, 2, 3, 4, 5 of Cryptography' by Dr Alwyn Roshan Pais, HOD, Department of CSE, NITK, Surathkal on 1 October 2019, 12 – 1pm. The talk was attended by all final year students of ECE.

Research opportunities in Biomedical Engineering

Research opportunities in Biomedical Engineering, a three day Faculty Development Programme was conducted by the Department of Electronics and Communication Engineering from 8-10 January 2020. Main objective of the FDP was to provide a balanced exposure of theoretical and practical aspects in various fields of Bio-Medical Research. Dr Ganesh V Bhat, Professor and Principal of CEC Mangaluru, Dr Vidya Kudva and Ms Roopa Hegde, Associate Professors from NMAMIT Nitte, were the resource persons for the first day. Second day sessions were delivered by Dr Dayakshini, HOD, ECE, SJEC and Mr Mahesha Y, Assistant Professor ECE Dept, SJEC. Dr Rio D'Souza, Principal, SJEC, Dr Ram Mohan Guddetti, Professor, Department of Information Technology, NITK Surathkal and Dr Rama Shanker Verma, Professor, Department of Biotechnology, IIT Madras were the resource persons for the third day.
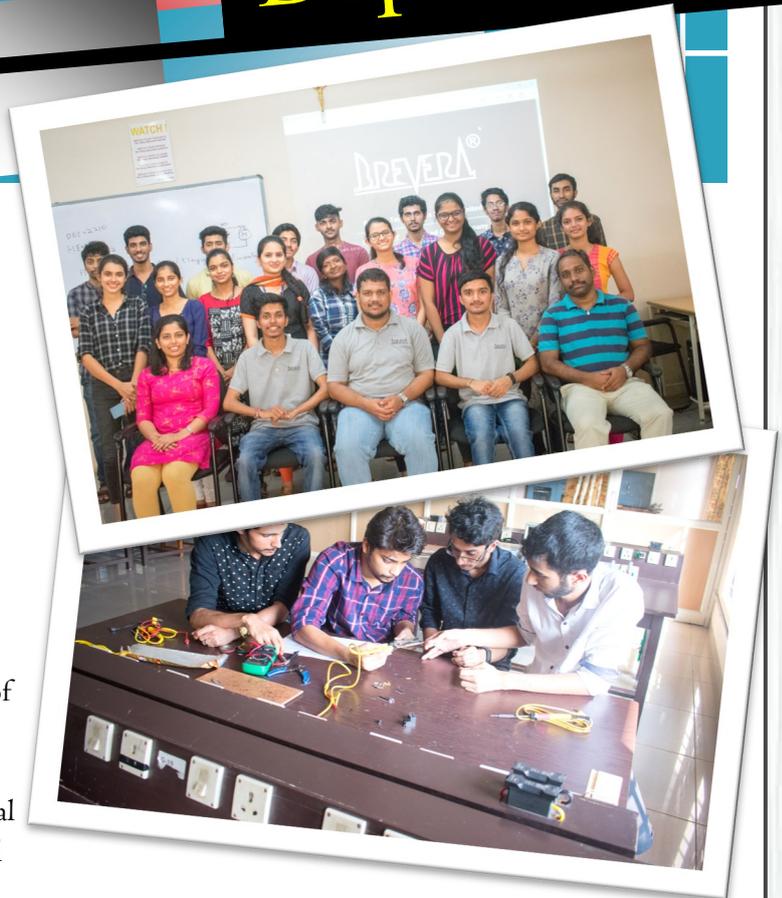

IIT Bombay-Spoken Tutorial online exams

IIT Bombay-Spoken Tutorial online exams were conducted on 04 November 2019 and 05 November 2019, for second and third year ECE students respectively. 113 students of second year successfully completed the "Arduino" test and 86 students of third year ECE completed the course called " C & C++". Course completion certificates were issued to all the students, who cleared the test by securing 40% or above marks. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India. Training and test is coordinated by Ms Deepthi S R, Asst. Professor, ECE.

Nuvoton Board Development

Nuvoton Board Development , a three day workshop for second year and third year students was organized by the Department of Electronics and Communication Engineering in association with ISTE SJEC student chapter during 13-15 January, 2020. The Resource Persons for the workshop were MrVageesh S, Mr Prathwi Raj Jain and Mr Sachin M C from Brevera Technology Mangaluru and Mr Mahesha Y Assistant Professor, ECE Dept, SJEC. The Objective of the Workshop was to construct a Nuvoton Microcontroller based General Purpose Development Board with provision for General Purpose I/O ports along with Motor Control and Home Automation Units.

DSP Applications

Talk on "DSP Applications" was conducted by the Department of Electronics and Communication Engineering in association with Institute of Engineers (India) Society on Saturday, 8 February 2020 at Fr Fred Memorial Hall for 3rd and 4th year ECE students. The Resource Person was Dr Niranjan U C, Director of Research and Training, Manipal Dot Net Pvt. Ltd, Manipal, The session outlined the DSP Applications in the field of Computing, Telecom and Machine Learning.

Activities

Student welfare and Alumni Group

The Department of Electronic and Communication Engineering in collaboration with Student welfare and Alumni Group organized an alumni interaction on 26 October, 2019 at Fr. Fred Memorial Hall from 11:00am -12:00 pm for the third year students of ECE. Mr Vignesh Aithal, Alumni of our institution (2016 pass out student) interacted with the students and shared his views about getting into Core Company and how to face interviews. The interaction was attended by about 100 students.

VTU TEQIP CELL Training Program for Lab Instructors

TEQIP 1.3 Sponsored Two Day Program on "VTU TEQIP CELL Training Program for Lab Instructors", was hosted by Department of Electronics and Communication Engineering, SJEC in association with Visvesvaraya Technological University, Belagavi - Karnataka, Aryabhatta Knowledge University, Patna - Bihar and Biju Patnaik University of Technology, Rourkela -Odisha, from 06th to 07th March 2020 . Mr H V Manjunath, Chief Manager (Administration), Mangalore Refinery and Petrochemicals Limited (MRPL), was the chief guest for the inaugural function. Experienced resource persons from MRPL - Mangaluru, CSGI – Bengaluru, Mangalore City Corporation and SNM Polytechnic – Moodbidri, trained the lab instructors on procedures to be followed during the replacement/installation and upgradation of electronic hardware/software. The Training program also addressed techniques to develop communication skills, behavioural skills and to create awareness on environmental safety, public health and occupational health.

Association

Branch Entry

Branch Entry Program was conducted for the II year B.E students on 27th September 2019 at 12:00 pm in the Kalam auditorium. All students of higher semesters along with faculty members participated in the program.

Alumni Interaction

Alumni Interaction for the V semester and VII semester students of ECE was organized by Prodigi –ECE Students' Association on 12 October 2019. Mr Saurabh Jain from 99Games, 2010 passed out and Ms Shilpa Shenoy, 2016 passed out, accompanied by Mr Madan B, Director, KarMic Design Pvt Ltd. and Mr Pringal D'souza, Member of Technical Staff, KarMic Design Pvt Ltd., Manipal.

Cyber Safe Campus

Workshop on **'Cyber Safe Campus'** was organized by Prodigi- ECE Student Association in collaboration with Student Welfare and Alumni Group (SWAG), SJEC on 21 Oct, 2019 from 9:30 am – 1:00pm at Bishop Aloysius Paul Hall. The resource person was Dr Ananth Prabhu G, who is a Cyber Security Trainer and an Author. **Key takeaways**-Various threats involved with the internet usage & IT act 2008.

Activities

Peer Learning Talk

Prodigi-ECE Students' Association organized a Peer Learning Talk on **"Build your career with internship and project opportunities"** for II year ECE students on 7 November 2019 at 10:00AM in the Fr. Fred Memorial Hall. 106 students participated. Mr Sanketh Prabhu and Mr Sagar Nayak, III year ECE students addressed the audience about the steps that the students can take to increase their employability. Guidance was given on how to explore the corporate world through internships via platforms like Internshala.

Induction program

The Induction program was conducted on 13 February 2020 from 9:00 AM to 11:00 AM in Fr. Fred Memorial Hall. All the first year students of ECE branch were introduced to the Department. Preparation and strategies for placements, Importance of Industrial training and visit, Online Courses, Internships, Activities conducted in the department, Importance of involvement in innovation club ARC, ROBOT etc. were enlightened during the Program by Dr Dayakshini, Rupal M D D'Souza, Mr Keith R Fernandes and some of Final year students.
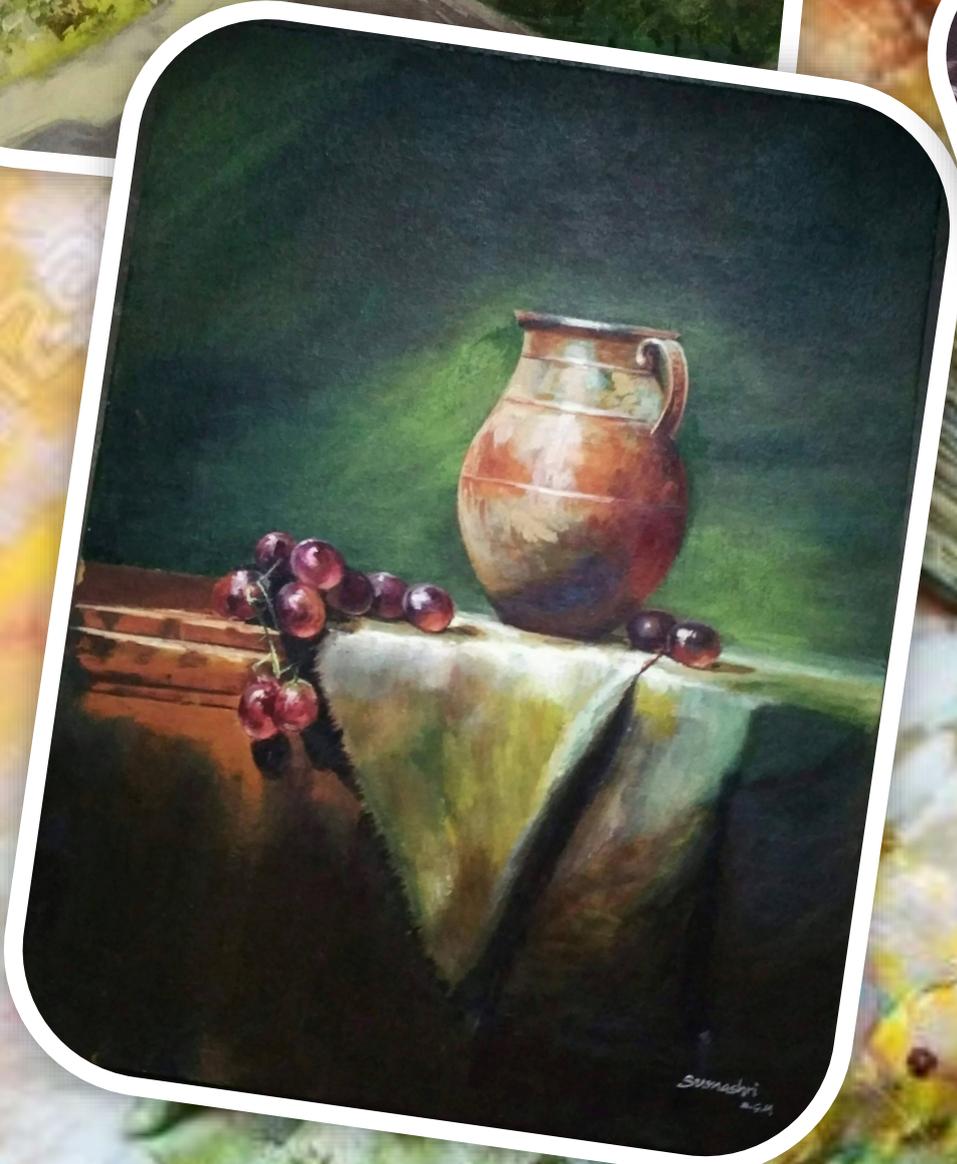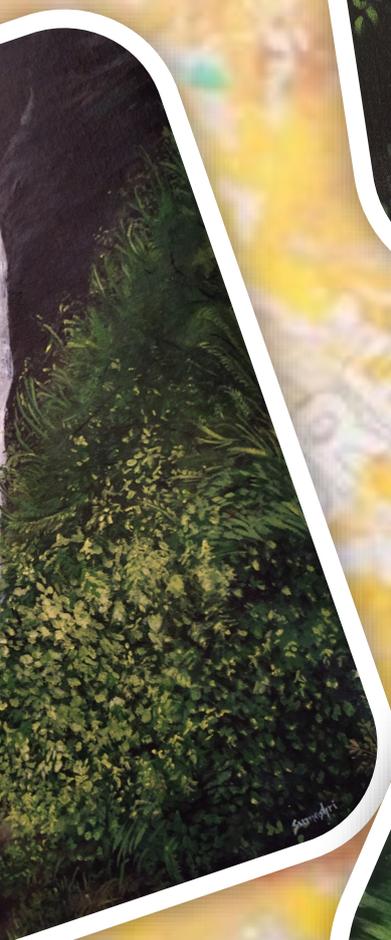
Innovation & Entrepreneurship

Prodigi-ECE Students' Association in association with Industry and Innovation Group (IIG) organized a talk on "Innovation & Entrepreneurship" for III, IV year ECE students , ECE faculty and students from other departments on 2 March. The Resource Person was Dr Manesh Thomas, Chief Executive Officer, Manipal - Government of Karnataka Bioincubator, Manipal Academy of Higher Education (MAHE). Dr Thomas briefed the audience about the concept of Bio-Incubators and how it can help and encourage students and faculty to have a successful Start Up. He also spoke about the monetary benefits that are available for the same.
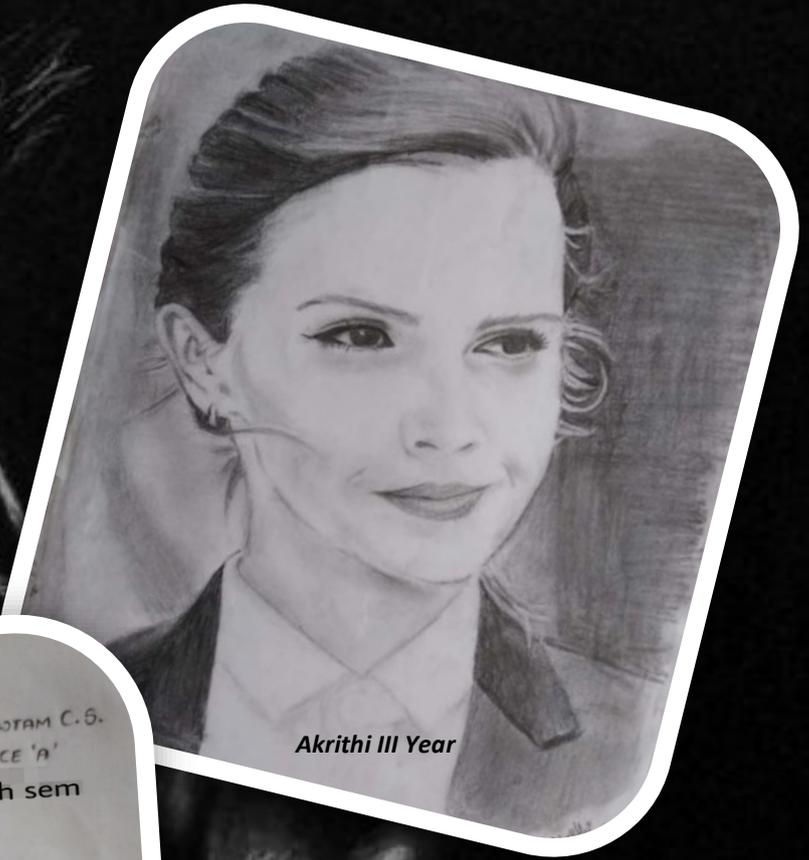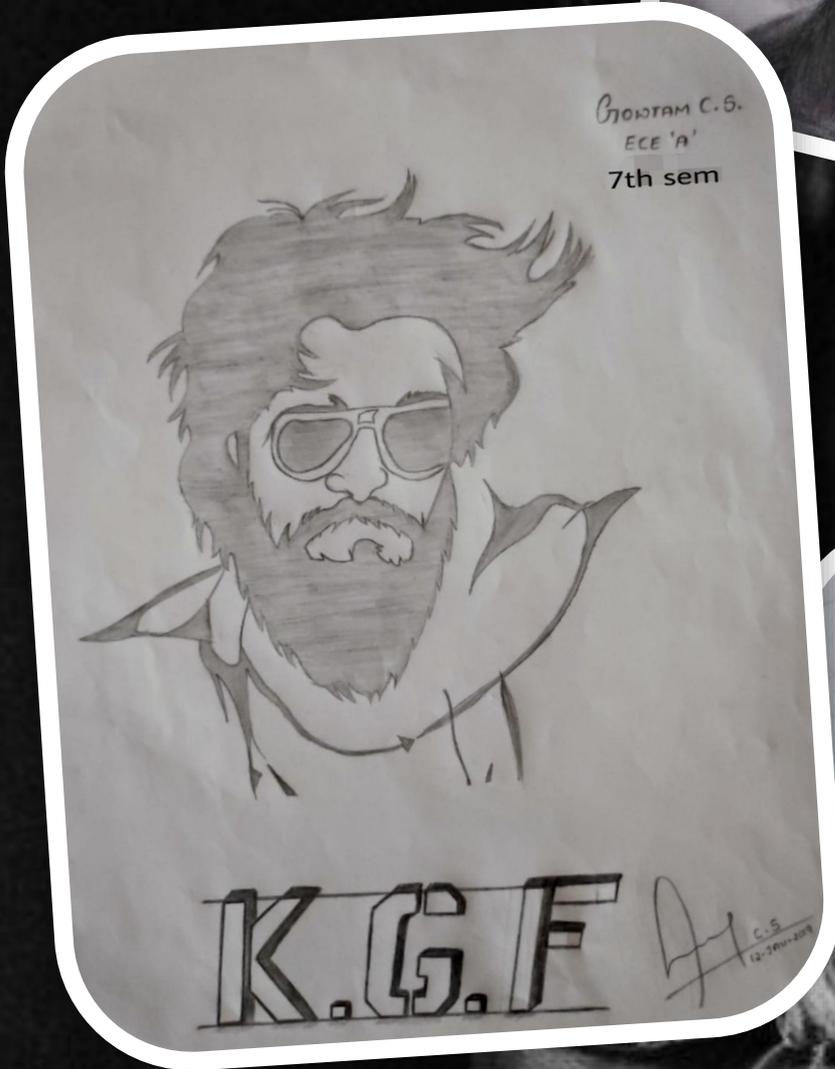
CREATIVE

Gowtam C.S.
ECE 'A'
7th sem

K.G.F

Akrithi III Year

Akrithi III Year

Akrithi III Year
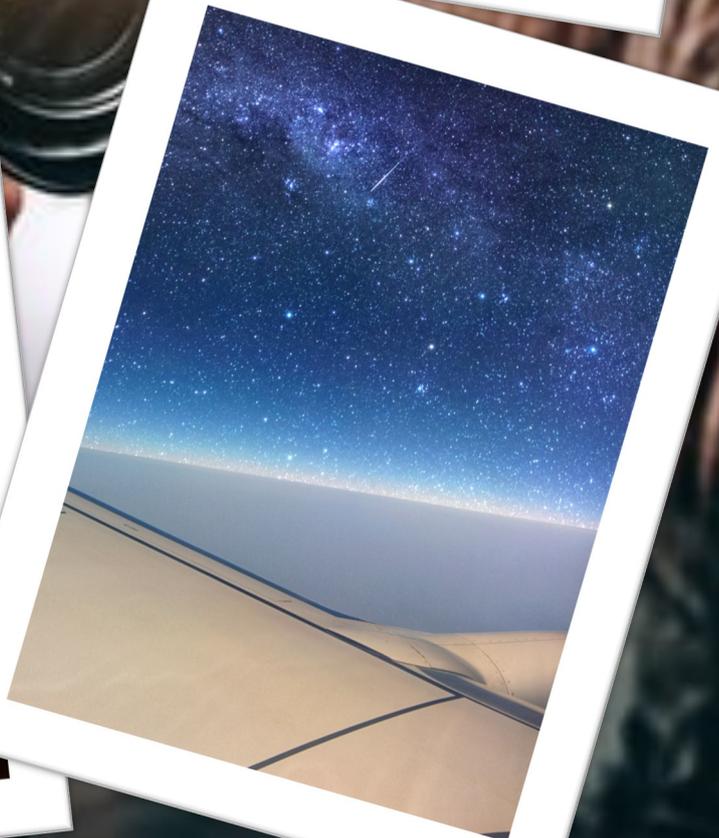

Suraksha Shetty

Akrithi III Year

Double Exposure Photography

Double Exposure is combining two photos into one, to create a effect.

PHOTO GALLERY

Joshua Fernandes
III Year

Macro Photography

Macro Photography is photography where the photos are really close to the subject. The Macro Shots was just basically oil+water under coloured lights to create some interesting effects.

Faculty Achivements

CONGRATULATIONS

Mr Rohan Pinto was awarded with Ph.D for the thesis titled "An Efficient Architecture for Discrete Wavelet Transform Processor" by Manipal Academy of Higher Education (MAHE), Manipal on 20 December 2019

SPECIAL ACHIVEMENTS

Ms Deepthi S R guided a project titled "Automated Rubber Tapping & Rubber Milk Mixing Machine" which was selected for FDP to develop a prototype of the project under SPP series 42nd KSCST.

Ms Preetha D'Souza guided a project titled "EMG based prosthetic leg" which was selected under VTU for Innovative Project of Final Year UG Students for the Year 2018-2019.

TOPPERS

IV Year B.E

Ms Chaithra
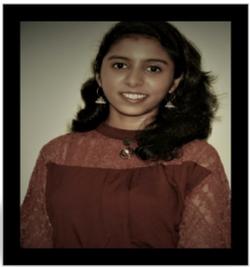SGPA 9.19

Ms Suhailah Begum
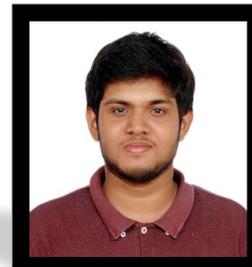SGPA 9.01

Ms Nisarga P N
SGPA 8.96

III Year B.E

Ms Sindhura S
SGPA 8.71

Ms Jeevitha Lora Rodrigues
SGPA 8.67

Mr Anantha Kamath
SGPA 8.61

II Year B.E

Mr Sanketh B Prabhu
SGPA 8.87

Ms Shravya S
SGPA 8.85

Ms Payal L Shet
SGPA 8.70

I Year B.E

Ms Kavyashree
SGPA 9.37

II Year M Tech

Joyline Teena Lasrado
CGPA 8

PLACEMENTS 2019-20

Sl No	USN	NAME	Company Placed
1	4SO16EC002	Akash C P	Novigo solutions
2	4SO16EC004	Alrida Monteiro	TCS
3	4SO16EC004	Alrida Monteiro	VMWare
4	4SO16EC006	Aniceta Priya Dsouza	TCS
5	4SO16EC008	Anjetha Joseph Mathew	ITC infotech
6	4SO16EC009	Ankitha M Hegde	ITC infotech
7	4SO16EC009	Ankitha M Hegde	TCS
8	4SO16EC010	Anush A Shetty	TCS
9	4SO16EC015	Bhavishya R Kaiya	Infosys
10	4SO16EC017	Binitha Ann John	ITC infotech
11	4SO16EC019	Chinmayee	Global ESoftsys
12	4SO16EC020	Deeksha	Infosys
13	4SO16EC020	Deeksha	TCS
14	4SO16EC022	Erwin Royson Monteiro	Cognizant
15	4SO16EC022	Erwin Royson Monteiro	Infosys
16	4SO16EC024	Garry Leroy Pinto	ITC infotech
17	4SO16EC024	Garry Leroy Pinto	TCS
18	4SO16EC024	Garry Leroy Pinto	VMWare
19	4SO16EC025	Gautham Halsnad	Global ESoftsys
20	4SO16EC028	Harsharaj	Robosoft Technologies
21	4SO16EC030	Jeevitha Lora Rodrigues	ITC infotech
22	4SO16EC030	Jeevitha Lora Rodrigues	TCS
23	4SO16EC031	Jinu Mathew	Infosys
24	4SO16EC033	Karan Gupta	LTI
25	4SO16EC033	Karan Gupta	VMware
26	4SO16EC034	Keerthana Bhandarkar	ITC infotech
27	4SO16EC034	Keerthana Bhandarkar	TCS
28	4SO16EC036	Keith Joseph Dsouza	Novigo solutions
29	4SO16EC037	Kethan V M	Novigo solutions
30	4SO16EC038	Kiran Kumar	Global ESoftsys
31	4SO16EC038	Kiran Kumar	Kreatio Software
32	4SO16EC039	Melannie Fernandes	ITC infotech

PLACEMENTS 2019-20

Sl No	USN	NAME	Company Placed
33	4SO16EC039	Melannie Fernandes	VMWare
34	4SO16EC041	Mohammed Saud	LTI
35	4SO16EC088	Movin Romel Dsouza	ITC infotech
36	4SO16EC042	Muralikrishna K	Cadence
37	4SO16EC042	Muralikrishna K	Novigo Solutions
38	4SO16EC043	Nagaraj Achar	ITC infotech
39	4SO16EC047	Prajwal Kiran Amin	Robosoft Technologies
40	4SO16EC048	Pranav Seethur	TCS
41	4SO16EC050	Pratheeksh P L	TCS
42	4SO16EC051	Pratheeksha R	Infosys
43	4SO16EC051	Pratheeksha R	TCS
44	4SO16EC052	Preemal Sharanya Serrao	TCS
45	4SO16EC060	S Anantha Kamath	ITC infotech
46	4SO16EC060	S Anantha Kamath	TCS
47	4SO16EC062	Sameeksha D Kulal	Infosys
48	4SO16EC063	Sampath Kumar C	Cognizant
49	4SO16EC063	Sampath Kumar C	Global ESoftsys
50	4SO16EC064	Sandesh A Mesta	LTI
51	4SO16EC065	Santan Edwin Fernandes	ITC infotech
52	4SO16EC070	Shivaprasad C	Global Esoftsys
53	4SO16EC071	Shivaraj S	Birlasoft
54	4SO16EC073	Shrunga.K.G	Birlasoft
55	4SO16EC075	Sindhura S	Infosys
56	4SO16EC075	Sindhura S	TCS
57	4SO16EC076	Soumya Shree A P	Infosys
58	4SO16EC076	Soumya Shree A P	Robosoft Technologies
59	4SO16EC077	Spoorthi R Amin	Birlasoft
60	4SO16EC084	Vikyath	Birlasoft
61	4SO16EC085	Vishakh Rai K	Cognizant
62	4SO16EC085	Vishakh Rai K	Novigo solutions
63	4SO16EC087	Zacchae Joshua	Infosys
64	4SO16EC087	Zacchae Joshua	TCS

FDP/Workshop attended by faculty

Dr Dayakshini
- Deep learning on 3 September 2019 organised by SJEC, Mangaluru.
- Scopus & Mendeley : Tools for Empowering Research on 21 September, 2019 at SJEC, Mangaluru.
- Research Opportunities in Biomedical Engineering from 8-10 January, 2020 at SJEC, Mangaluru.

Dr Sandhya Dass
- Deep learning on 3 September , 2019 organised by SJEC, Mangaluru.
- The VTU Consortium Training Programme on E- Resources for Academic Excellence on September 20, 2019 at SJEC, Mangaluru.
- Scopus & Mendeley : Tools for Empowering Research on 21 September, 2019 at SJEC, Mangaluru.
- Research Opportunities in Biomedical Engineering from 8-10 January, 2020 at SJEC, Mangaluru.

Dr Jagadeesha R Bhat
- A FDP on "Industry and Innovation" at Manipal University, MAHE from 02 December 2019 to 14 December 2019.

Dr Rohan Pinto
- Three day workshop on Advanced Digital System Design and Verification Using Xilinx Vivado and Cadence Design Suite organized by the Department of Electronics & Communication Engineering in association with CoreEL Technologies, Bengaluru from 22-24 July 2019.
- Two weeks online FDP on "LaTeX" from 17th April to 30th April 2020 organised by GCEM in association with IIT-Bombay Spoken Tutorial.
- Two day online FDP on "Skill Enhancement for Academicians" from 8th June to 9th June 2020 organised by JCE, Belgaum.

Ms Nandini Maninarayana
- Three day workshop on Advanced Digital System Design and Verification Using Xilinx Vivado and Cadence Design Suite organized by the Department of Electronics & Communication Engineering in association with CoreEL Technologies, Bengaluru from 22-24 July 2019.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.

Ms Vijayalaxmi H M
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.

Ms Reshma K J
- Deep Learning and Machine learning using MATLAB from 10-12 July 2019 at SJEC, Mangaluru.
- Workshop on Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.

Ms Shama B N
- FDP on Student's Induction from 18-24 June 2019 at Sahyadri college of Engineering and Management, Mangaluru.
- Scopus & Mendeley : Tools for Empowering Research on 21 September , 2019 at SJEC, Mangaluru.
- Regional Research Symposium on PBL from 22-23 November, 2019 at KLE Technological University, Hubbali.
- How Can Digital Tools support PBL on 23 November, 2019 at KLE Technological University, Hubbali.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.

Ms Jennifer C Saldanha
- Deep Learning and Machine learning using MATLAB from 10-12 July 2019 at SJEC, Mangaluru.
- Workshop on Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.
- A short term training programme on "Speech, Audio and Music Processing" (SAMP-2020) held at NITK, Surathkal from 28 January to 01 February 2020.
- Two week online FDP on LaTeX from 17-4-2020 to 30-4-2020 organised by IIT Bombay Spoken Tutorial.
- Two Day online FDP on "skill enhancement for academicians" from 8-9 June, 2020 organised by Jain College of Engineering Belagavi.

- Four Day FDP on "Research Methodology and Data Analysis" from 17-20 June 2020 organised by Karnataka Science and Technology Academy.
- Five Day online FDP on Machine Learning using MATLAB from June 29 to July 3, 2020 organised by IETE Mumbai.

Ms Preetha D'Souza
- Deep Learning and Machine learning using MATLAB from 10-12 July 2019 at SJEC, Mangaluru.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.
- Point of Care Biomedical Technologies on 18 January, 2020 at Father Muller Research centre in association with IISC, Bangalore.

Ms Rashmi H
- Deep learning on 3 September , 2019 organised by SJEC, Mangaluru.
- Faculty development Programme on Computer Vision and ICN held on 22 Nov, 2019 at MIT, Manipal.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.
- Three - Day Online Faculty Development Programme on PLC Programming and Industrial Interface organized by Dept of Mech Engineering, SJEC in association with Indwell Automation - Pune during 22 - 24 June, 2020.

Mr Prasad S M
- FDP on Rural Development through Technical Institution from 29 July -02 August 2019 at SJEC, Mangaluru.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.
- Three day online FDP on PLC Programming and Industrial Interface organized by Department of Mechanical Engineering, SJEC in association with Indwell Automation-Pune on 22-24 June 2020.

Mr Vijay Ganesh P C
- Three day workshop on Advanced Digital System Design and Verification Using Xilinx Vivado and Cadence Design Suite organized by the Department of Electronics & Communication Engineering in association with CoreEL Technologies, Bengaluru from 22-24 July 2019.

Ms Avila Priya Pinto
- Three day workshop on Advanced Digital System Design and Verification Using Xilinx Vivado and Cadence Design Suite organized by the Department of Electronics & Communication Engineering in association with CoreEL Technologies, Bengaluru from 22-24 July 2019.
- The VTU Consortium Training Programme on E- Resources for Academic Excellence on September 20, 2019 at SJEC, Mangaluru.
- Scopus & Mendeley : Tools for Empowering Research on 21 September , 2019 at SJEC, Mangaluru.
- Participated in 4 days live webinar on :Research Methodology and data analysis"held from 17th-20th June 2020 from Karnataka Science and Technology Academy.

Ms Chaitra U R
- Three day online FDP on PLC Programming and Industrial Interface organized by Department of Mechanical Engineering, SJEC in association with Indwell Automation-Pune on 22-24 June 2020.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.

Ms Deepthi S R
- Three day workshop on Advanced Digital System Design and Verification Using Xilinx Vivado and Cadence Design Suite organized by the Department of Electronics & Communication Engineering in association with CoreEL Technologies, Bengaluru from 22-24 July 2019.
- Rural Development through Technical Institution from 29 July -02 August 2019 at SJEC, Mangaluru.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.

Ms Rupal M D D 'Souza
- Three day workshop on Advanced Digital System Design and Verification Using Xilinx Vivado and Cadence Design Suite organized by the Department of Electronics & Communication Engineering in association with CoreEL Technologies, Bengaluru from 22-24 July 2019.

FDP/Workshop attended by faculty

- Smart City, IOT Based Technology from 11-13 December 2019 at Mangalore University.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.
- Four Day FDP on "Research Methodology and Data Analysis" from 17-20 June 2020 organised by Karnataka Science and Technology Academy.

Ms Aarya Shri

- Three day workshop on Advanced Digital System Design and Verification Using Xilinx Vivado and Cadence Design Suite organized by the Department of Electronics & Communication Engineering in association with CoreEL Technologies, Bengaluru from 22-24 July 2019.
- Recent Trends in Electric Vehicle Technology held from 12-14 December 2019 at SJEC, Mangaluru.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.

Mr Anoop C V

- Three - Day Online Faculty Development Programme on PLC Programming and Industrial Interface organized by Dept of Mech Engineering, SJEC in association with Indwell Automation - Pune during 22 - 24 June, 2020.
- Participated in Seventh International Conference on Transformation in Engineering Education - 2020 - held at Anurag Group of Institutions during 5 - 8 January 2020.
- Academic workshop on 'Improving STEAM Education' organized as a part of International Conference on Transformation in Engineering Education - 2020 - held at Anurag Group of Institutions on 5 January 2020.
- Sponsored workshop on 'COMSOL Multiphysics Simulation' organized as a part of International Conference on Transformation in Engineering Education - 2020 - held at Anurag Group of Institutions on 6 January 2020.
- The VTU Consortium Training Programme on E- Resources for Academic Excellence on September 20, 2019 at SJEC, Mangaluru.
- Scopus & Mendeley : Tools for Empowering Research on 21 September, 2019 at SJEC, Mangaluru.

Mr Keith Raymond Fernanades

- IEEE TEMS Industry Forum on 7 December 2019 conducted by IEEE Technology and Engineering Management Society (TEMS).
- IEEE Region 10 Sponsored Conference Organizers Education Workshop (COEW) organized by IEEE Bangalore Section at Sterlings Mac Hotel, Bengaluru on 19 October 2019.
- Three day workshop on Advanced Digital System Design and Verification Using Xilinx Vivado and Cadence Design Suite organized by the Department of Electronics & Communication Engineering in association with CoreEL Technologies, Bengaluru from 22-24 July 2019.
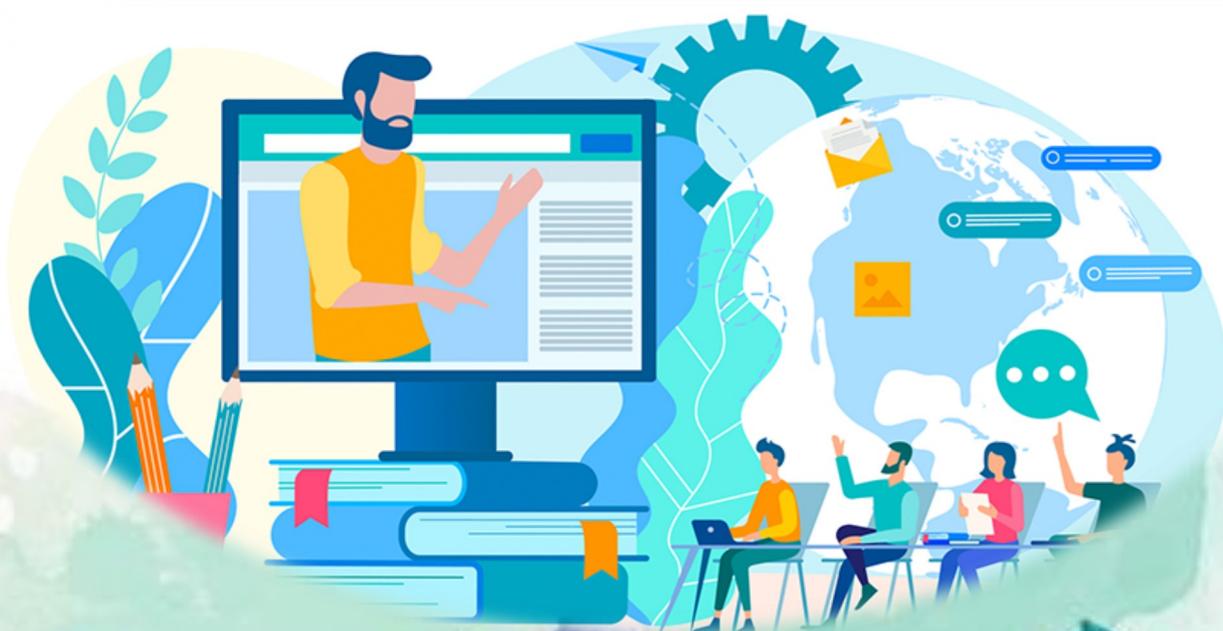
Ms Padmini Bhat

- Scopus & Mendeley : Tools for Empowering Research on 21 September , 2019 at SJEC, Mangaluru
- Deep learning on 3 September , 2019 organised by SJEC, Mangaluru.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.
- Two week online FDP on LaTeX from 17-4-2020 to 30-4-2020 organised by IIT Bombay Spoken Tutorial.
- Four Day FDP on "Research Methodology and Data Analysis" from 17-20 June 2020 organised by Karnataka Science and Technology Academy.

Ms Jayalakshmi K P

- Smart City, IOT Based Technology from 11-13 December 2019 at Mangalore University.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.
- Four Day FDP on "Research Methodology and Data Analysis" from 17-20 June 2020 organised by Karnataka Science and Technology Academy.
- Teqip 1.3 Sponsored Five Day FDP on "Outcome Based Education and NBA Accreditation" from 30th December 2019 to 3rd January 2020 Organized by Department of Mechanical Engineering, St Joseph Engineering College.
- Three Day Online Faculty Development Programme on PLC Programming and Industrial Interface Organized by Department of Mechanical Engineering in association with Indwell Automation -Pune on 22 June 2020 - 24 June 2020.
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- **Mr Mahesha Y**
- Three day workshop on Advanced Digital System Design and Verification Using Xilinx Vivado and Cadence Design Suite organized by the Department of Electronics & Communication Engineering in association with CoreEL Technologies, Bengaluru from 22-24 July 2019.
- Recent Trends in Electric Vehicle Technology held from 12-14 December 2019 at SJEC, Mangaluru.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.
- Four Day FDP on "Research Methodology and Data Analysis" from 17-20 June 2020 organised by Karnataka Science and Technology Academy.

- **Ms Priya S Miranda**
- Three day workshop on Advanced Digital System Design and Verification Using Xilinx Vivado and Cadence Design Suite organized by the Department of Electronics & Communication Engineering in association with CoreEL Technologies, Bengaluru from 22-24 July 2019.
- Smart City, IOT Based Technology from 11-13 December 2019 at Mangalore University.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.
- Four Day FDP on "Research Methodology and Data Analysis" from 17-20 June 2020 organised by Karnataka Science and Technology Academy.

- **Ms Sadhika Shetty**
- Deep Learning and Machine learning using MATLAB from 10-12 July 2019 at SJEC, Mangaluru.
- Three day workshop on Advanced Digital System Design and Verification Using Xilinx Vivado and Cadence Design Suite organized by the Department of Electronics & Communication Engineering in association with CoreEL Technologies, Bengaluru from 22-24 July 2019.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.
- A 5 day STTP on "Speech, Audio & Music Processing" at NITK, Surathkal from 28th Jan 2020 to 1st Feb 2020.

- **Ms Vinitha Pasanha**
- Three day workshop on Advanced Digital System Design and Verification Using Xilinx Vivado and Cadence Design Suite organized by the Department of Electronics & Communication Engineering in association with Core EL Technologies, Bengaluru from 22-24 July 2019.
- Research Opportunities in Biomedical Engineering from 8-10 January , 2020 at SJEC, Mangaluru.

STUDENT ACHIEVEMENTS

Extra curricular activities

- Mr Nithin DSouza of Third year has secured first place in Death Race in AEROPHILIA 2019 held at Sahyadri College of Engineering & Management on 20-21 September 2019.

- Mr Nithin DSouza of Third year has secured first place in Perfect Machine organized by mechanical committee of Engineer 2019.

- Mr Nithin DSouza of Third year has secured third place in Line Follower event organized by PLASMA-2019 held on 4 to 5 October 2019 at Jawaharlal Nehru National College of Engineering, Shivamogga.

- Mr Nithin DSouza of Third year has secured first place in Light of Seven organized by TRONIX committee of Engineer 2019.

- Mr Nithin DSouza of Third year has secured first place in Robo Soccer organized by PLASMA-2019 held on 4 to 5 October 2019 at Jawaharlal Nehru National College of Engineering, Shivamogga.

- Mr Nithin D'Souza has won first place in Death Race, AEROPHILIA 2019 held on 20-21 Sept 2019 at Sahyadri College of Engineering & Management.

- Mr Nithin D'Souza has won Second place in Robowars held at Fr C Rodrigues Institute of Technology, Vashi.

- Ms Lavanya K of third year has completed a course on Programming on C and C++ and certified as an excellent performer by NIIT on 16 December 2019.

- Mr Divij Kumar of third year secured first place in Jackpot Treasure Hunt at Sentia 2019 organised by MITE, Moodabidre on 19 June 2019.

- Mr Gautham C S of third year secured first place in Jackpot Treasure Hunt at Sentia 2019 organised by MITE, Moodabidre on 19 June 2019.

- Mr Jithesh Dharmaraj has attended and secured second place in Trailblazer organised by Tronix committee of Engineer'19 held at NITK, Surathkal.

- Ms Gashmitha Shetty of Third Year attended Internship Talk Organised By Internshala on 15 January 2020.

- Ms Gashmitha has participated in Mini Project Exhibition organised by SJEC on 6 May 2019.

- Mr Hitesh has participated in Money Hiest –Incredia organised by NMAMIT, Nitte on 14-18 February 2020

- Mr Gowtam C S of of Third Year participated in Money Hiest -Incredia Organised by:NMAMIT, Nitte on 14-18 February 2020

- Mr Gurucharan K S f of Third Year participated in Hackridea- Incredia Organised by:NMAMIT, Nitte on 14-18 February 2020

- Ms Deeksha K S f of Third Year participated in Hackridea- Incredia Organised by:NMAMIT, Nitte on 14-18 February 2020

- Mr. Harsha Raj of 8th Sem A, participated in Incredia, held at NMAMIT Nitte on 18 Feb 2020 and won the first prize in Mad Ads.

- Mr. Harsha Raj of 8th Sem A, participated in Adrenaline 2020, held at Father Muller Medical college, Mangalore on 20th Feb 2020 and won the first prize in Mad Ads.

- Mr. Garry Liao Pinto of 8th Sem A, participated in Branch Counsellors meet, IEEE, held at BNMIT, Bangalore on 9th Feb 2020.

- Mr. Garry Liao Pinto and Ms. Glany Vinita Colaco of 8th Sem A, participated in i-Point training program at SJEC.

- Mr Shreyas Narayan PG has rendered volunteer services during Pilikula International FullDome Film Festival and Planetarium Conference on 6 November 2019 at Pilikula Regional Science Center, Mangaluru.

- Ms Nikitha K has participated in the Auto Racing Championship (AIRC) Season 4 from 6 to 9 Feb 2020.

- Mr Lohit T has participated in Virtual BAJA SAEINDIA 2019 organised by SAEINDI held on 12 to 13 July 2019 at Chitkara University,Punjab.

- Mr Lohit T has participated in BAJA SAEINDIA 2020 organised by SAEINDIA held on 22-26 January 2020 at NATRAX Facility of NATRiP in Pithampur, Madhya Pradesh.

- Mr Lohit T has participated in Techtainment (Incredia) on 18 February 2020 at NMAMIT, Nitte.

- Mr Lohit T has participated in Cadd Mania (Incredia) on 18 February 2020 at NMAMIT, Nitte.

- Mr Lohit T has participated in Hackridea (Incredia) on 14 February 2020 at NMAMIT, Nitte.

- Mr Lohit T has participated in the first Pilikula International Full Dome Film Festival and Planetarium Conference from 6 to 8 November 2019 at Pilikula Regional Science Center, Mangaluru.

- Mr Vishakh Rai has participated in Virtual BAJA SAEINDIA 2019 organised by SAEINDI held on 12 to 13 July 2019 at Chitkara University, Punjab.

- Mr Zacchae Joshua has won third place in 105 kg category in VTU Powerlifting Championship held on 31 October 2019 at NMAMIT Nitte.

- Ms Navya Ramachandra Nayak has participated in the Pre-Virtual round of "7th season of ESVC" at SNIST, Hyderabad .

- Ms Angelica Albuquerque has participated in Line Follower (Aakrithi 2020) from 27-29 February 2020.

- Ms Angelica Albuquerque has participated in Light of Seven at NITK, Suratkal.

- Ms Angelica Albuquerque has participated in the Death Race in AEROPHILIA 2019 held at Sahyadri College of Engineering & Management on 20-21 September 2019.

- Ms Angelica Albuquerque has participated in a Paper presentation in AEROPHILIA 2019held at Sahyadri College of Engineering & Management on 20-21 September 2019.

- Mr Karan Gupta has won second place in Quiz (Incredia-NMAMIT) held on 15 Feb 2020 at N.M.A.M. Institute of Technology, Nitte, Karkala.

- Mr Karan Gupta was finalist in Quiz (Adrenaline-FMMC) held on 21 Feb 2020 at Fr. Mullers Medical College, Mangaluru.

- Mr Karan Gupta has participated in Quiz (Incident-NITK) held on 28 to 29 Feb 2020 at NITK Surathkal.

- Mr Karan Gupta has won fourth place in TCS TechBytes IT Quiz Regional Finals held on 25 Feb 2020 at Srinivas Institute of Technology, Mangaluru.

- Ms Nandini G K has completed a course on 200 hour international standard of hatha yoga teacher training on 28 January 2020.

- Ms Nandini G K has won 'Miss beautiful smile 2019', in an event 'Miss Mangaluru 2019' held at Hotel BMS, Derebail, Mangaluru.

- Mr Prajwal Kiran Amin has won first place in Mad Ads held on 18 Feb 2020 at N.M.A.M. Institute of Technology, Nitte, Karkala.

- Mr Pravav Seethur has won first place in Mad Ads held on 18 Feb 2020 at N.M.A.M. Institute of Technology, Nitte, Karkala.

- Mr Prasad Lester Patrao has won first place in Mad Ads held on 18 Feb 2020 at N.M.A.M. Institute of Technology, Nitte, Karkala.

- Mr Prasad Lester Patrao has won first place in Mad Ads held on 18-22 Feb 2020 at Father Muller Medical College, Mangaluru.

- Mr S Ananth Kamath hs successfully completed the requirements to be recognized as a Microsoft Technology Associate for "Introduction to Programming using Python".

- Mr Shreesha KJ has participated in Fundamentals of Electronics quiz on 16 June 2020 organised by Moodlakatte Institute of Technology.

- Ms Soujanya participated in Sci-Tech quiz 2.0 on 30 September 2020 organised by IEEE student branch, SJEC.

- Mr Anush A Shetty has won first place in Mad Ads held on 18-22 Feb 2020 at Father Muller Medical College, Mangaluru.

STUDENT ACHIEVEMENTS

Online Courses, Workshop and Training Program

- Ms Gashmitha Shetty of Third Year successfully completed NPTEL Online Course on Digital Circuits in October 2019.

- Ms Gashmitha Shetty of Third Year Successfully completed NPTEL Online Course on Biology for Engineers and Other Non biologists in August 2019.

- Ms Gashmitha Shetty of Third Year Successfully completed NPTEL Online Course on Communication Systems-I in April 2019.

- Ms Gashmitha Shetty of C Successfully completed Vocational/Industrial Training Organized by KIOCL Limited from Date:13 January 2020 to 18 January 2020.

- Ms Gashmitha Shetty of C Successfully completed Spoken tutorial Project on C++ Organized by IIT Bombay on 5 September 2019.

- Ms Gashmitha Shetty of C Successfully completed Spoken tutorial Project on C Organized by IIT Bombay on 5 September 2019

- Ms Gashmitha Shetty of C Successfully completed a course on Aurdino Organized by IIT Bombay on 5 September 2019.

- Ms Gashmitha has participated in Cyber Safe Campus Workshop organised by SJEC

- Mr Srijan MP has completed MATLAB course on Introduction to Symbolic Math with MATLAB on 5 March 2020.

- Ms Divyashri P has completed Microsoft online certification on Python Programming on 5 September 2019.

- Ms Shivya has completed a course on Arduino training organised by IIT Bombay on 4 November 2019.

- Ms Shivya has completed a course on MATLAB organised by MATLAB on 17 March 2020.

- Ms Shivya has attended a workshop on IOT organised by 16 to 18 January 2020.

- Ms Shivya has participated in SCI-TECH quiz organised by IEEE on 30 September 2020.

- Ms Shravya has completed a course on Introduction to Symbolic Math organised by MATLAB on 21 March 2020.

- Ms Rifa Mushtaq has completed an online course "Marketing in digital world" from University of Illinois at Urbana-Champaign through courser.

- Ms Rifa Mushtaq has completed an online course "Digital Media and Marketing Strategies" from University of Illinois at Urbana-Champaign through courser.

- Ms Rifa Mushtaq has completed an online course "Digital Analytics for Marketing Professionals: Marketing Analytics in Theory!"from University of Illinois at Urbana-Champaign through coursera.

- Ms Shrunga K G has completed a diploma in Python offered by Manipal Institute of Computer education from 12 November 2019to 9 January 2020.

- Ms Sindhura S has completed Interfacing with the Raspberry Pi, an online non-credit course authorized by University of California, Irvine and offered through Coursera on 8 July 2020.

- Ms Sindhura S has successfully completed "Chip Design 101" online course from Udemy on June 13,2020.

- Mr S Ananth Kamath has successfully completed the training program on IOT with Raspberry Pi3 using Python from ATS learning solutions.

- Mr S Ananth Kamath has successfully completed the Spoken tutorial Project on C Organized by IIT Bombay on 5 September 2019.

- Mr S Ananth Kamath has successfully completed the Spoken tutorial Project on CPP Organized by IIT Bombay on 5 September 2019.

- Mr S Ananth Kamath has successfully completed "Chip Design 101" online course from Udemy on June 12,2020.

- Mr S Ananth Kamath has successfully completed an online course through coursera on "Cybersecurity and the internet of things" from University state of Georgia on March 07,2020.

- Mr S Ananth Kamath has successfully completed an online course through coursera on "Interfacing with Raspberry Pi" from University of California in June 2020.

- Mr S Ananth Kamath has successfully completed an online course "MATLAB Onramp"from MathWorks in January 2020.

- Mr S Ananth Kamath has successfully completed "Pearl Programming for beginners online course" from Udemy on Oct 26,2019.

- Mr Lohit T has undergone Internshala training on IOT from 15 July 2019to 14 August 2019.

- Mr Lohit T has undergone Internshala training on Programming with Python from 15July 2019 to 26 August 2019.

- Mr Lohit T has attended Cybersafe Campus Workshop held on 21 October 2019 at SJEC.

- Mr Lohit T has completed the course on AI from the Data Center to the Edge – An Optimized Path Using Intel® Architecture conducted by Intel AI Academy on 30 April 2020.

- Mr Lohit T has completed the course on Introduction to FPGA Design for Embedded Systems conducted by Coursera on 10 May 2020.

- Ms Meghashree has completed the course on Introduction to the Internet of Things and Embedded Systems conducted by Coursera on 30 May 2020.

- Mr Mohammed Afreed has completed the course on Nanotechnology: A maker's Choice conducted by Coursera on 30 May 2020.

- Mr Mohammed Afreed has completed the course on Digital manufacturing & Design conducted by Coursera on 30 May 2020.

- Mr Mohammed Afreed has completed the course on Plastic Electronics conducted by Coursera on 30 May 2020.

- Ms Monisha Priya Fernandes has completed the course on Cloud Computing basics conducted by Coursera on 24 June 2020.

- Ms Navya Ramachandra Nayak has completed the course on Positive Psychiatry and Mental Health conducted by Coursera on 7 June 2020.

- Mr Mohammed Afreed has completed the course on Introduction to Financial Markets conducted by Coursera on 8 June 2020.

- Mr Mohammed Afreed has completed the course on Electric Power Systems conducted by Coursera on 10 June 2020.

- Mr Mohammed Afreed has completed the course on Introduction to TCP/IP conducted by Coursera on 12 June 2020.

- Mr Mohammed Afreed has completed the course on Cybersecurity and Its Ten Domains conducted by Coursera on 13 June 2020.

- Mr Mohammed Afreed has completed the course on Mastering Digital Twins conducted by Coursera on 15 June 2020.

- Mr Mohammed Afreed has completed the course on Essentials of Entrepreneurship: Thinking & Action conducted by Coursera on 16 June 2020.

- Mr Mohammed Afreed has completed the course on Work Smarter, Not Harder: Time Management for Personal & Professional Productivity conducted by Coursera on 17 June 2020.

- Mr Mohammed Afreed has completed the course on Innovative Finance: Hacking finance to change the world conducted by Coursera on 19 June 2020.

- Mr Mohammed Afreed has completed the course on The Sustainable Development Goals – A global, transdisciplinary vision for the future conducted by Coursera on 19 June 2020.

- Mr Mohammed Afreed has completed the course on Project Management: The Basics for Success conducted by Coursera on 19 June 2020.

- Ms Neema has completed the course on Cloud Computing basics conducted by Coursera on 25 June 2020.

- Mr Mohammed Afreed has completed the course on Electric Vehicles and Mobility conducted by Coursera on 27 June 2020.

- Mr Mohammed Afreed has completed the course on Inspiring Leadership through Emotional Intelligence conducted by Coursera on 28 June 2020.

- Mr Mohammed Afreed has completed the course on Programming with Cloud IoT Platforms conducted by Coursera on 29 June 2020.

- Ms Katherine Helen D'Souza completed the course on Python by NPTEL in June 2020.

- Ms Lavanya has completed the course on Packet Tracer Course by Cisco Networking Academy on June 2020.

- Ms Divyashree P has completed the course on Programming for everybody by Coursera in June 2020.

- Mr Gurucharan completed the course on AI for everyone by Coursera in June 2020.

- Ms Leisha Aloma Dias completed the course on Programming for everybody by Coursera in June 2020.

- Ms Leisha Aloma Dias completed the course on Python Data Structures by Coursera in June 2020.

- Ms Leisha Aloma Dias completed the course on C for everyone by Coursera in June 2020.

- Ms Leisha Aloma Dias has completed the course on Welcome to Game Theory by Coursera in June 2020.

- Ms Lavanya has completed the course on Technical Support Fundamentals by Coursera on June 2020.

- Ms Lavanya has completed the course on The bits and bytes of computer networking by Coursera on June 2020.

- Ms Deeksha completed the course on Programming for everybody by Coursera in June 2020.

- Ms Deeksha completed the course on Fundamentals of Network Communication by Coursera in June 2020.

- Ms Deeksha has completed the course on Cyber Security and Internet of Things by Coursera in June 2020.

- Ms Deeksha has completed the course on Introduction to programming using Python by Microsoft Technology Associate in September 2019.

- Ms Abhilasha Bangera has successfully completed the self-paced training course on MATLAB Onramp on 23 May, 2020.

- Ms Aishwarya has successfully completed the online course on Inspiring leadership through emotional intelligence offered by coursera on 7 June 2020.

- Ms Aishwarya has successfully completed the online course on Python for Everybody (Getting Started with Python) on June 10, 2020.

- Ms Aishwarya has successfully completed the self-paced training course on Introduction to Symbolic Math with MATLAB 25 Feb, 2020.

- Ms Akrithi has successfully completed the online course on Python for Everybody (Getting Started with Python) on 7 April 2020.

- Ms Akrithi has successfully completed the self-paced training course on MATLAB Onramp on 22 March, 2020.

- Ms Angelica Albuquerque has successfully completed with honors the Programming Foundations with JavaScript, HTML and CSS an online non-credit course authorized by Duke University and offered through Coursera on 8 May 2020.

- Ms Angelica Albuquerque has successfully completed with honors the Java Programming: Solving Problems with Software an online on-credit course authorized by Duke University and offered through Coursera on 27 May, 2020.

- Ms Angelica Albuquerque has successfully completed with honors the Java Programming: Arrays, Lists, and Structured Data an online non-credit course authorized by Duke University and offered through Coursera on 19 June, 2020.

- Mr Ashik has successfully completed the self-paced training course on MATLAB Onramp on 18 April, 2020.

- Ms B M Kushi has successfully completed the self-paced training course on Introduction to Symbolic Math with MATLAB on 20 March 2020.

- Ms B M Khushi Cybersecurity has completed course on the Internet of Things an online non-credit course authorized by University System of Georgia and offered through Coursera on June 1, 2020.

- Mr Shreesha KJ has completed course on ntroduction to Data Science an online course authorized by IBM and offered through Coursera on 26 June 2020.

- Mr Shreesha KJ has completed course on Python Basic for Data Science an online course authorized by IBM and offered through Coursera on 28 June 2020.

- Mr Shreesha KJ has completed course on Introduction to HTML 5 an online course authorized by University of Michigan and offered through Coursera on 28 June 2020.

- Mr Shreesha KJ has completed course on Introduction to Python an online course authorized by University of Michigan and offered through Coursera on 2 May 2020.

- Mr Shreesha KJ has completed course on Python Data Structures an online course authorized by University of Michigan and offered through Coursera on 4 May 2020.

- Mr Shreesha KJ has completed a course on Accessing Web using Python, an online course authorized by University of Michigan and offered through Coursera on 7 June 2020.

- Mr Shreesha KJ has successfully completed the self-paced training course on Introduction to Symbolic Math with MATLAB 22 February, 2020.

- Ms Soujanya has successfully completed the self-paced training course on Introduction to Symbolic Math with MATLAB 17 March, 2020.

- Ms Soujanya participated in IOT workshop organized by Techno triumph from 16-18 January 2020.

- Ms Soumya has successfully completed the self-paced training course on Introduction to Symbolic Math with MATLAB 22 February, 2020.

- Mr Sourabh Haridas has completed course on Introduction to Python an online course authorized by University of Michigan and offered through Coursera .

- Mr Sourabh Haridas has completed course on Python Data Structures an online course authorized by University of Michigan and offered through Coursera.

- Mr Sourabh Haridas has completed course on Basics of Computer Networking online course offered through Coursera.

STUDENT ACHIEVEMENTS

Online Courses, Workshop and Training Program

- Mr Sourabh Haridas has completed course on Introduction to IOT and embedded system online course offered through Coursera.

- Mr Sourav M R has successfully completed the self-paced training course on Introduction to Symbolic Math with MATLAB on 1 April, 2020.

- Mr Srijan M P has successfully completed the self-paced training course on Introduction to Symbolic Math with MATLAB on 1 April, 2020.

- Ms Sukthi Sulaya J has successfully completed the self-paced training course on Introduction to Symbolic Math with MATLAB on 1 5 March 2020.

- Ms Sharanya M S completed the course on Programming for everybody authorized by University of Michigan and offered by Coursera on 14 July, 2020.

- Ms Sharanya M S has completed a Career Edge-Knockdown the Lockdown online course offered by TCS iON on 28 April, 2020.

- Ms Shifani D'Souza has completed a Career Edge-Knockdown the Lockdown online course offered by TCS iON on 12 May, 2020.

- Mr Shivaprasad K has completed a Self Paced training course in Introduction to Symbolic Math with MATLab on 25 March, 2020

- Mr Sanjay Shankar Bhat has been awarded the certificate of achievement for successful completion of the Fundamentals of Digital Marketing course on 14 July, 2020 by Google Digital Garage.

- Mr Sanjay Shankar Bhat completed the course on Programming Foundations with JavaScript, HTML and CSS authorized by Duke University and offered by Coursera on 20 June, 2020.

- Mr Sanjay Shankar Bhat has completed a Career Edge-Knockdown the Lockdown online course offered by TCS iON on 8 April, 2020.

- Mr Sanjay Shankar Bhat has completed a 24 total hours of Complete Python BootCamp: Go from zero to Hero in Python 3 online course on 27 March, 2020.

- Mr Sherwin Bryan Soans completed the course on Trading Basics authorized by Indian School Of Business and offered by Coursera on 7 February, 2020.

- Mr Sherwin Bryan Soans completed the course on Trading Algorithms authorized by Indian School Of Business and offered by Coursera on 7 April, 2020.

- Mr Sherwin Bryan Soans has been awarded the certificate of achievement for successful completion of the Fundamentals of Digital Marketing course on 10 April, 2020 by Google Digital Unlocked.

- Ms Aniceta Priya D'souza has successfully completed course on "AI chatbots without programming" conducted by IBM offered by edX.

- Ms Aniceta Priya D'souza has successfully completed course on "AI for everyone:Mater the Basics'" conducted by IBM offered by edX.

- Ms Aniceta Priya D'souza has successfully completed course on "Introduction to CSS3 conducted by University of Michigan'" offered by Coursera.

- Ms Aniceta Priya D'souza has successfully completed course on "Technical support Fundamentals conducted by Google'" offered by Coursera.

- Ms Aniceta Priya D'souza has successfully completed course on "Machine Learning for all conducted by University of London'" offered by Coursera.

- Ms Aniceta Priya D'souza has successfully completed course on "Beginning with SQL server guided project conducted by rhyme" offered by Coursera.

- Ms Aniceta Priya D'souza has successfully completed course on "AI for everyone" conducted by deeplearning offered by Coursera.

- Ms Aniceta Priya D'souza has successfully completed course on "Introduction to HTML5" conducted by University of Michigan offered by Coursera.

- Ms Ankitha M Hegde has successfully completed a course on Programming for Everybody (Getting Started with Python) conducted by University of Michigan, offered by Coursera.

- Ms Ankitha M Hegde has successfully completed a course on "Python Data Structures" conducted by University of Michigan, offered by Coursera.

- Mr Anush A Shetty has successfully completed course on "Introduction to HTML5" conducted by University of Michigan offered y Coursera.

- Ms Suraksha Shetty has successfully completed the course "Discovery Elite" offered by SkillAssure.

- Ms Suraksha Shetty has successfully completed the internship in "Embedded system design and IOT" offered by Vitvata Technologies .

- Ms Suraksha Shetty has successfully completed the project based training program on "RC Aircraft Design" with distinction, offered by Skyfi Labs.

- Ms Shravya. P has successfully completed the "Phython 10I for Data science" course from IBM developer skills network.

- Ms Shravya. P has successfully completed the "Introduction to cloud computing" course from IBM developer skills network.

- Ms Shravya. P has successfully completed the "AI for everyone" an online course offered through Coursera.

- Ms Sharanya. P has successfully completed the "Programming for everybody" an online course offered through Coursera.

- Ms Sharanya. P has successfully completed the "Phython data structures" an online course offered through Coursera.

- Ms Srinidhi Bhat has participated in quiz contest in "Digital Signal Processing" and completed the assessment with 75%, offered by Mathworks.

- Ms Srinidhi Bhat has successfully completed the "Fundamentals of digital marketing" certification exam conducted by Google Digital unlocked.

- Ms Srinidhi Bhat has successfully completed the "Program for everybody" an online course offered by Coursera.

- Ms Srinidhi Bhat has successfully completed the "Python data structures" an online course offered by Coursera.

- Ms Srinidhi Bhat has successfully completed the "Emotion AI: Facial key point detection" an online course offered by Coursera.

- Ms Srinidhi Bhat has successfully completed practical task modoles in " Engineering: Undergraduate & Masters Virtual internship platform" offered by Microsoft.

- Ms Shravya. S has successfully completed the "Program for everybody" an online course offered by Coursera.

- Ms Shravya S has successfully completed the "Programming fundamentals" an online course offered by Coursera.

- Ms Shravya S has successfully completed the "Introduction to Electronics" an online course offered by Coursera.

- Ms Shravya. S has successfully completed the "Creating your First C++ application" an online course offered by Coursera.

- Ms Kshama Shetty has successfully completed the "Programming for everybody" an online course

- Mr Shawn Lawrence Dante has successfully completed the "Programming for everybody" an online course offered by Coursera.

- Mr Shawn Lawrence Dante has successfully completed the "Python data structure" an online course offered by Coursera.

- Mr Shawn Lawrence Dante has successfully completed the "Learn ethical hacking from scratch" offered by SECURITS.

- Mr Shawn Lawrence Dante has successfully completed the "Introduction to programming using Python " offered by Microsoft Technology Associate.

- Mr Shawn Lawrence Dante has successfully completed the "Internship on embedded system/ IOT" conducted by Epitas software LLP, Mangaluru.

- Mr Shawn Lawrence Dante has successfully completed the " HTML fundamentals course" offered by SOLOLEARN.

- Mr Shawn Lawrence Dante has successfully completed the " Internship on Internet of things" offered by Internshala training.

- Mr Shawn Lawrence Dante has successfully completed 100% of the machine learning onramp self -paced training course.

- Ms Shibani S Shetty has successfully completed the "Programming for everybody" an online course offered by Coursera.

Akash C P	Akash Kumar	Alrida Monteiro	Alwyn Thomas	Aniceta Priya Dsouza
Anjetha J. Mathew	Ankitha M Hegde	Anush A Shetty	Ashish Ashok Shetty	Basavarajeshwari
Bhavishya R Kaiya	Bindu Shetty P	Binitha Ann John	Carolin Mannil Thomas	Chinmayee
Deeksha	Disha D	Erwin Royson Monteiro	Gamya P	Garry Leroy Pinto
Gautham Halsnad	Glany Vinita Colaco	Harsha Honna Naik	Harsharaj	Jeevitha Lora Rodrigues
Jinu Mathew	Karan Gupta	Keerthana Bhandarkar	Keith Joseph Dsouza	Kethan V M
Kiran Kumar	Melannie Fernandes	Mohammed Saud	Muralikrishna K	Nagaraj Achar

NANDINI G K | Netra N Baradi | Prajwal Kiran Amin | Pranav Seethur | Prasad Lester Patrao

Pratheeksh P L | Pratheeksha R | Preemal Sharanya Serrao | Rajeshwari Rai B | Raksha M S
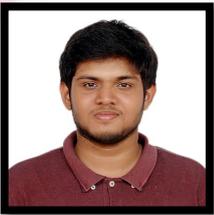
Rashmi K | Reshma | Ria Diana Pinto | Rifa Mushtaq | Riyona Joyce D' Souza

S. Anantha Kamath | Sameeksha D Kulal | Sampath Kumar C | Sandesh S Mesta | Santan Edwin Fernandes

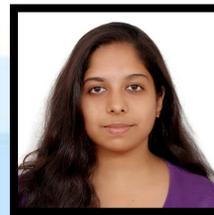Sathisha N | Sharon Treesa Sunny | Shifali S Mally | Shivaprasad C | Shivaraj S

Shree Priya K S | Shrunga K G | Shushanth S | Sindhura S | Soumya Shree A P

Spoorthi R Amin | Sreekanth A | Suhas Chandrahas Shetty | Supreetha S | Tracy Lewis

Tracy Lewis

Vanisha Sonal Lobo

Vikyath

Vishakh Rai K
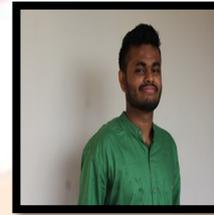
Yashvitha Suvarna

Zacchae Joshua

Movin Romel D'Souza

Prasthuthi

Vikas H V

Pallavi

Chaitra Ganapa Gowda

Abubakkar Mustak Khazi

Deekshitha M

Habeeb Abdul Qadeer

Huma Noorain

M Safeek

Manjunath

Monisha Michelle Farias

Nithin A

Rajesh

Ranjith Hegde

K Sanjay Nayak

Srinidhi

Vijayakumar Neelappa Hadapad

Abitha Melita

Beverly Jessica   Dsouza

Akhil Melvin Rodrigues

Aaron Russel Dsouza

Malcom Jason D'souza

Livya Andrea Pinto

Tracy Lewis

Vanisha Sonal Lobo

Vikyath

Vishakh Rai K

Yashvitha Suvarna

Zacchae Joshua

Movin Romel D'Souza

Prasthuthi

Vikas H V

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Abitha Melita

Beverly Jessica Dsouza

Akhil Melvin Rodrigues

Aaron Russel Dsouza

Malcom Jason D'souza

Livya Andrea Pinto

GRANTS RECEIVED

FUNDING AGENCY: VTU TEQIP CELL

Dr Dayakshini and Ms Reshma K J received a grant of **Rs 1 Lakh from VTU TEQIP CELL to conduct** TEQIP 1.3 Sponsored Two Day Program on "VTU TEQIP CELL Training Program for Lab Instructors", from 6-7 March 2020.

Dr Dayakshini guided the project titled "Rescue Device for Open Borewell Accidents" which received a grant of Rs 5,000 and was shortlisted for the final round of VTU project competition "AVISHKAR" in June 2020. Project Team includes **Astrid Jane Fernandes, Hitesh D S, Hanisha Shaini Gonsalves and Gowtam** of Third Year Electronics and Communication Engineering.

FUNDING AGENCY: KSCST

Mr Srinidhi, Mr Nithin A, Mr Vijay Kumar NH and Mr Sanjay Nayak have received Rs 5500/-for the project titled "Automatic Natural rubber milk mixing machine by determining the dry rubber content of Latex" under the guidance of **Ms Deepthi S R**, Asst. Professor , ECE.

Ms Binitha Ann John , Ms Raksha M S , Ms Harsha Naik, Ms Basava Rajeshwari has received Rs 5000/- for the project titled "Design of Low Cost Portable Sleep Detector for Driver Vigilance" under the guidance of **Ms Jayalakshmi K P**, Assistant Professor, Department of ECE.

Ms. Bhavishya R Kaiya, Ms. Nandini G K, Ms. Netra N Baradi and Ms. Livya Andrea Pinto has received Rs 4500/- for the project titled " SJEC Visitor Assistance Device" under the guidance of **Ms. Padmini Bhat,** Assistant Professor, Department of ECE.

ಮಿಲನ್

ಸುತ್ತಲೂ ಹಚ್ಚ ಹಸಿರು,
ಪ್ರಾಧ್ಯಾಪಕರಾದರು ವಿದ್ಯಾರ್ಥಿಗಳ ಉಸಿರು,
ಸಾವಿರಾರು ಮನಗಳ ಕನಸು,
'ಎಸ್.ಜೆ.ಇ.ಸಿ' ಎಂದೇ ಹೆಸರು.

'ಇ.ಸಿ' ಹೆಚ್ಚೋ 'ಸಿ.ಎಸ್' ಹೆಚ್ಚೋ,
'ಸಿವಿಲ್' ಹೆಚ್ಚೋ 'ಮೆಕ್' ಹೆಚ್ಚೋ,
ತಾರತಮ್ಯ ತೊರೆದು ಒಟ್ಟುಗೂಡುವ ಹುಮ್ಮಸ್ಸು,
'ಮಿಲನ್' ಆಚರಣೆಯ ಸೊಗಸು.

ರಂಗು-ರಂಗಿನ ರಂಗೋಲಿ,
ಸಿದ್ಧಾ ಗಿರುವುದು ಮಡಿಕೆಗಳು ಸಾಲಿನಲಿ,
ಎಲ್ಲೆಲ್ಲೂ ಸಾಂಪ್ರದಾಯಿಕ ವೇಷಭೂಷಣ,
ಕುಣಿಸುವುದು ಹುಲಿವೇಷದ ನಾದನ.

ಚಿಗುರುವುದು ಎಲ್ಲೆಡೆ ಸಂಭ್ರಮ,
ತಿಳಿಯುವುದು ಹಬ್ಬದ ಮಹತ್ವ,
ಆಗುವೆವು ಒಂದು ಕುಟುಂಬ,
'ಎಸ್.ಜೆ.ಇ.ಸಿ' ಎಂಬ ಮಂತ್ರಾಲಯದಲ್ಲಿ.

-ಸುರಕ್ಷಾ ಶೆಟ್ಟಿ

ಮುಕ್ತಿ ಕೊಡಿಸು ಬೇಗನೆ....

ಹಾತೊರೆಯುತ್ತಿದೆ ಮನ ಇದರಿಂದ ಹೊರ ಬರಲು...
ಆಶ್ಚರ್ಯವಲ್ಲವೇ ಈ ಸ್ಥಿತಿಯಲ್ಲಿ ನಾವಿರಲು...!
ಆಗುತ್ತಿರಲು ಮನಸ್ಸುಗಳ ಸಮ್ಮಿಲನ,
ಕಲಿಯುತ್ತಿರಲು ಸಂಭಂದಗಳ ಬೆಲೆಯನ್ನ.

ಮಹಾಮಾರಿಯ ಕಂಟಕದಲ್ಲಿ ಸಿಲುಕಿಕೊಂಡಿರಲು ನಾವು,
ನಿಸರ್ಗ ದೇವಿಯು ಬಿಡುವಳು ನೆಮ್ಮದಿಯ ಉಸಿರು !..
ಹಾದಿ ಬೀದಿಗಳಲ್ಲಿ ನೀರವ ಮೌನ,
ಕೊಲೆ –ಸುಲಿಗೆಗಳಿಗೆ ಬಿತ್ತು ಕಡಿವಾಣ.

ನಿರ್ಗತಿಕರಿಗೆ ತಿನ್ನಲು ಗತಿ ಇಲ್ಲದ ಹಾಗಾಯಿತು..
ಕಾಯುವ ವೈದ್ಯರ ಜೀವವೇ ಕರೋನಾಗೆ ತುತ್ತಾಯಿತು!
ಜೀವ ಒತ್ತೆ ಇಟ್ಟು ಕಾಯುವ ರಕ್ಷಕರೇ...
ನಿಮಗಿರುವುದು ಎಂದಿಗೂ ನಮ್ಮ ನಮನ...

ಬಡವ ಬಲ್ಲಿದ ಎನ್ನದೆ ಎಲ್ಲರಿಗೂ ತೊಂದರೆ...
ಕೇಳುತ್ತಿರುವರು ನಿನ್ನಲ್ಲಿ ಮೊರೆ,
ದೇವರೇ! ನಿನ್ನಲ್ಲಿ ನನ್ನ ಪ್ರಾರ್ಥನೆ...
ಇದರಿಂದ ಮುಕ್ತಿ ಕೊಡಿಸು ಬೇಗನೆ!!!

-ಸುಷ್ಮಾ. ಕೆ. ರೈ