EXPLORE INSIDE...

- KiTE-TUV SUD South Asia Academy
- MoU Ceremony
- Consultancy Activity
- Research Proposals

KiTE
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KGiSL Institute of Technology
kitetechcollege

KiTE Explorer

- *A Weekly Magazine*

Index

Editor-in-Chief
Dr. V. Vijaya Chamundeeswari
Principal, KITE
Dr. S. Suresh Kumar
Vice Principal, KITE
Co-Editor
Dr.J.Rejina Parvin - ECE
Editorial Team
SSA Team
Ms.Kanchana Menon
Digital Marketing

KiTE - TUV SUD South Asia Academy

TÜV SÜD South Asia Academy

A Subsidiary of TÜV SÜD Group Germany

Mehr Wert.
Mehr Vertrauen.

Add value.
Inspire trust.

A meeting was conducted on 16.12.2020 at KGiSL Institute of Technology by the members of **TUV SUD South Asia Academy Dr. V. Vijaya Chamundeeswari,** Principal, KGiSL Institute of Technology and **Dr.S.Suresh Kumar,** Vice-Principal, KGiSL Institute of Technology regarding **Training and Internship Opportunity** for both Faculty and Students

Training and Qualification by Certification Body of Persons for universities and college students

Bifurcation of the certifications in the different streams (recommended)

Mechanical Engineering	Electrical Engineering and Electronics & Communication	Civil Engineering	Automobile Engineering	Computer Engineering	Information Technology
• GD&T • FMEA • APQP • QC TOOLS • Adv. QC Tools • Six Sigma • Lean • 5-S • Kaizen	• Same as Mechanical Engg. Except GD&T • Elements of Energy Auditing • Six Sigma • Lean • Kaizen	• Project Management • QC Tools • Six Sigma • Lean • 5-S • Requirements Engineering	• GD&T • FMEA • APQP • QC Tools • 5-S • Six Sigma • Lean • Kaizen • E-Mobility	• CPRE • Cloud • Agile • BCMS • ITSM • ISMS • Business analysis • Data Base Management System • Cyber Security	• CPRE • Cloud • Agile • ISMS • ITSM • BCMS • Business analysis • Data Base Management System • Cyber Security

TUV SUD South Asia Academy Training Services   20-Nov-19   14

MoU

Congratulations

KiTE's Laurel – MoU by Dept. of IT

The Department of **Information Technology** signed a **Memorandum of Understanding (MoU)** sealing the deal with the leading industrial course-providers, **Imarticus Learning**, on 16.12.2020.

The Data Science Club presents students and faculty members at KiTE with an assortment of activities that bridge the industry-academy gap in the field of Data Science.

MEMORANDUM OF UNDERSTANDING

KiTE
Industry Embedded Education

Department of Information Technology

Data Science Club Inauguration & Webinar 2020

Mr. Ahamed Khalid
Vice-President
Imarticus Learning

''Opportunities for Freshers in the Data Science Industry''

December
11:00 AM | 17

Zoom :
https://qrgo.page.link/wrvHU

The line-up activity in connection to the MoU with Imarticus Learning, Department of Information Technology inaugurated **Data Science Club** on 17.12.2020 and a Webinar was given by **Mr. Ahamed Khalid**, Vice President - Imarticus Learning.

ECE – Consultancy Activity

We congratulate the **Innovation Design Club** Coordinators **Dr.R.Jaikumar** and **B.Leena** of ECE Department & the IDC members Manokaran.R (III ECE), Remin Franklin.E (II ECE) and Logesh Kumar.R (II ECE) who visited "**STAR PLUS**" a leading Bricks Manufacturing Company at Thadagam, Coimbatore on **19.12.2020** and received an approval for proceeding with two consultancy activities with the company.

Dr. R.Jaikumar   Ms.B.Leena

Doctoral Committee Meeting

Doctoral committee meeting was conducted for the Research scholar, Ms.S.Rajalakshmi, Department of *Information and Communication Engineering*, Anna University, under the guidance of **Dr.V.Vijaya Chamundeeswari**, Principal, KGiSL Institute of Technology, on 18.12.2020 towards the corrections incorporated in the thesis cited by Indian and Foreign Examiners. Thesis was cited to be commendable by the Indian Examiner in his report.

Examiners:

(1) **Dr.R.Balasubramanian**, Professor, Dept of Computer Science and Engineering, IIT Roorkee and

(2) **Dr. Jiankun Hu**, Professor,School of Engineering and Information Technology, The University Of New South Wales, UNSW Canberra At The Australian Defence Force Academy , Canberra BC 2610, Australia.

This meeting was attended by Research Coordinator: **Dr.S Godfrey Winster**, Professor, SRM Engineering College, Doctoral Committee Members, **Dr. S. Murugavalli** , Professor & Head, Dept of Computer Science and Engineering, Panimalar Engineering College, and **Dr. A.Shahinaa**, Professor, Dept of Computer Science Engineering, SSN Engineering College.

The Doctoral Committee Meeting was held on18.12.2020 at 2.15 pm in the ONLINE MEETING VIA ZOOM TOOL. All members have attended and thesis got commended.
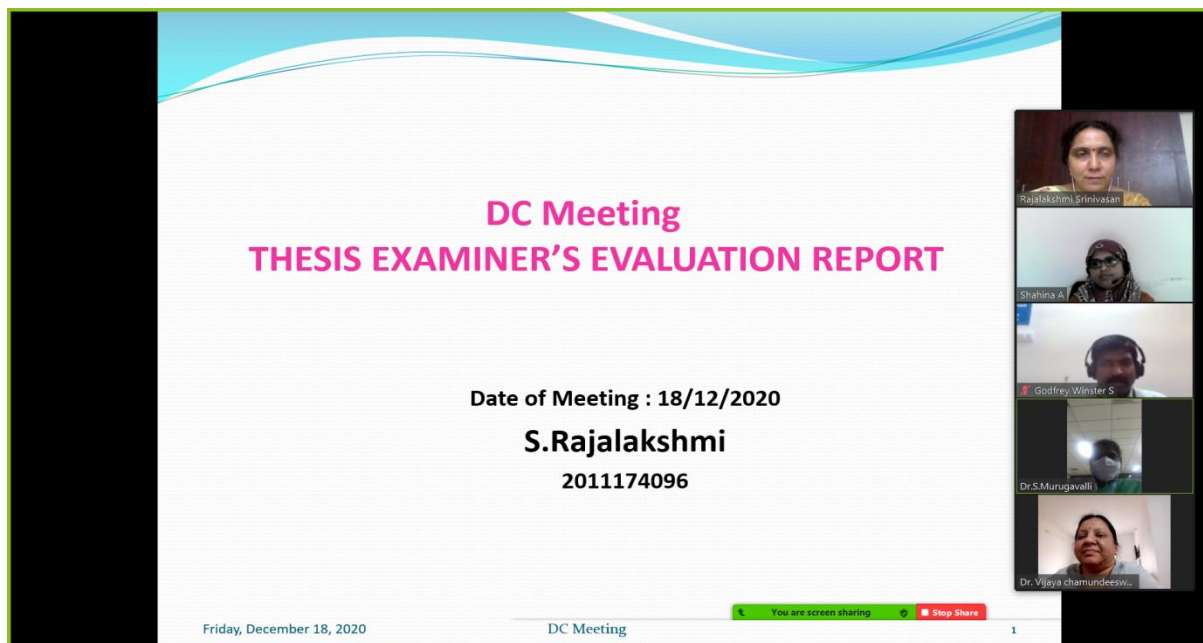
Research Proposals

CSE
- **Dr. V. Vijaya Chamundeeswari**, Prof/CSE & Principal, KiTE (Principal Investigator) and **Mr. S.D. Nandakumar**, Assistant Professor, KiTE (Co-PI) submitted Research Proposal Scheme under AICTE titled, **"Mulberry Cultivation and Sericulture using IoT".**

ECE
- **Dr.S.Suresh Kumar**(PI), Vice Principal & HoD ECE (PI), **Dr R Jaikumar,** Associate Professor, ECE (Co-PI) & **Dr.J.Rejina Parvin,** Associate Professor, ECE (Co-PI) submitted Research Proposal Scheme under AICTE titled, "**Virtual and Augmented Reality to examine the 3D brain and Glioma images** ".

IT
- **Dr Venkateshwaran Loganathan** (PI), HoD, Information Technology & **Dr R Arun Chakravarthy** (Co-PI) Associate Professor, Information Technology submitted Research Proposal Scheme under AICTE titled, "**Last mile conveyance modeling through multi-level path assessment of UAV in rural/urban drop point logistics".**

AI & DS
- **Dr. V. Vijaya Chamundeeswari**, Prof/CSE & Principal, KiTE (Principal Investigator) and **Mr. S.D. Nandakumar**, Assistant Professor, KiTE(Co-PI) **submitted a proposal under AICTE Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES)**, to promote KiTE Tech Community Clubs as a model club for our Institution.

Book Publication

Best wishes
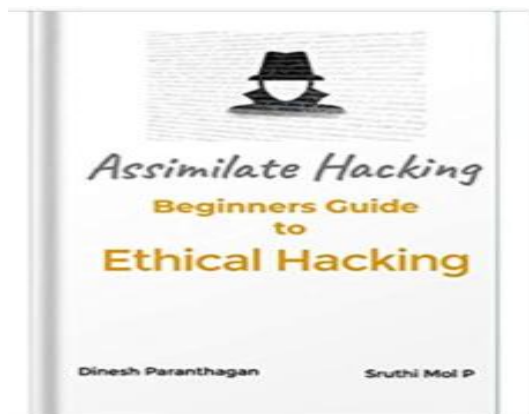
Ms. Sruthi Mol P, Assistant Professor, Dept. of Information Technology has published a Book titled **"Assimilate Hacking: Beginners Guide to Ethical Hacking"** successfully.

## Let's Design Tamil Nadu - ECE Follow up Activity

Dr.R.Jaikumar, Associate Professor, Dept. of ECE Conducted **"Hands on Training on Arduino"** for the school students in Government Model Higher Secondary School, Pattimayakaranpalayam, Nambiyur, Erode on 14.12.2020 and motivated them to design various electronic projects.

I Year Profiling - AI & DS

37 students from I Year of AI & DS department visited our college campus for profile creation and interacted with the faculty members of the department.
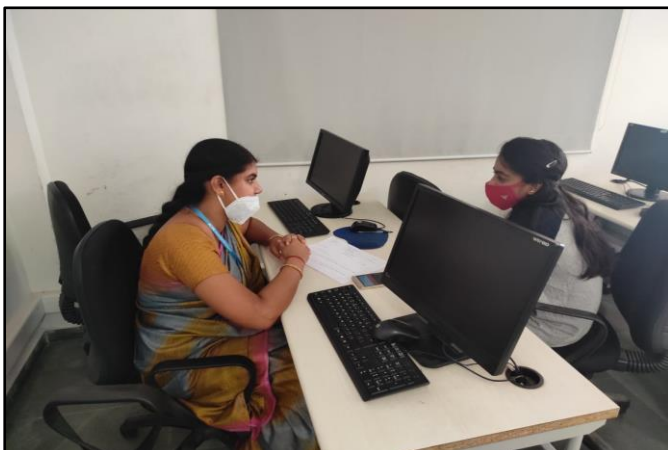
I Year Profiling - ECE

I BE ECE Students Profiling was conducted in presence of **Dr.S.Suresh Kumar (HoD), Dr. R.JaiKumar, Dr. S.K.Mydhili, Dr.J.Rejina Parvin & Dr.M.Arun** on **11.12.2020**. Students expressed their views and their expectation about their department. Students had an opportunity to visit ECE lab, **Ms.V.Rajeswari** guided them and highlighted the future scope in the fields of Electronics.

I Year Profiling - Mech

Department of Mechanical Engineering organized an event **"Explore MECH"** exclusively for **I BE MECH** on 16.12.2020 and 18.12.2020 to explore about their department, **Prof. C. Narayanaswamy, Head of the Department, Mr. K. Venkataraman, Dr. M. Seenivasan and Mr. T. A. Arun, the faculty members of Mechanical Engineering Department** highlighted the of the department and also explained the future scope in the Mechanical Engineering field.

CS ED WEEK 20

The Department of Computer Science and Engineering organized "Computer Science Education Week", (CSEdWeek), an annual global event from 07.12.2020 to 13.12.2020 to inspire students of all levels to Computer Science, advocate equity in Computer Science Education, and celebrate the contributions of students, teachers and partners to the field.

Day 7: 13.12.2020

Webinar - ECE

Dr. M.Arun, Associate Professor, Dept. of ECE organized a webinar on **" Internet of Energy"** for both faculties and students on **17.12.2020** through Google meet presented by **Dr.V.Suresh Babu, Associate Professor, Hindustan Institute of Engineering**
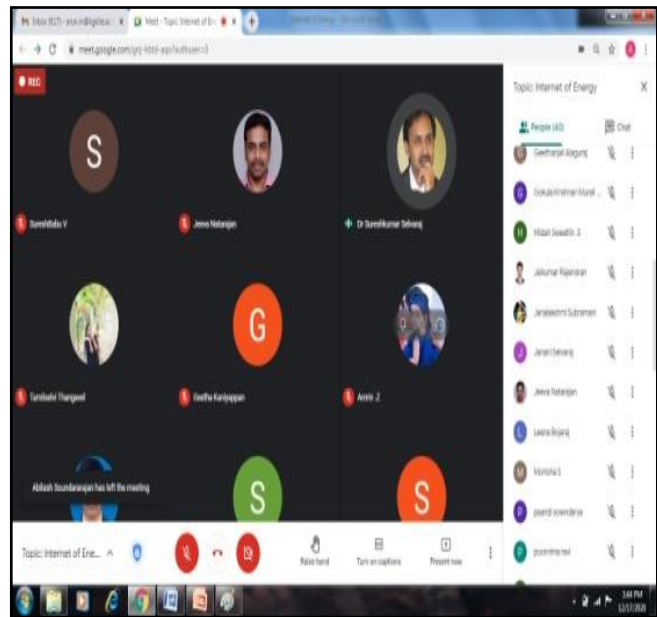
Coaching Class- Mech

Special Coaching Classes on III semester Subjects **(Fluid Mechanics and Machinery for Mechanical Engineers** and **Engineering Thermodynamics)** was conducted for II year Lateral Entry Mechanical Students from 14.12.2020 to 19.12.2020 (4.30PM – 5.30PM).

Department Meetings

IT

Department of Information Technology conducted a faculty meeting on 16.12.2020. In this meeting, the Conduct of Lab Exams, External Examiners Instructions, Students Instructions for their practical examination, Syllabus completion status were discussed.

MECH

Department Faculty Meeting was conducted by **Prof. C. Narayanaswamy,** Head of the Department, Mechanical Engineering, on 14.12.2020 at 2.00 p.m. for discussing various activities such as E-magazine, Faculty Profile, Monthly Lab Maintenance Report, First year (2020-2024 Batch) Student Profiling, Academic Related Activities and Quality Objective Completion for Even Semester.


CIVIL

Department Faculty Meeting was conducted by the Civil Department on 17.12.2020 in Google meet at 4.00 p.m. The following points were discussed in the meeting: Monitoring of students' online class attendance, actions to be taken for regular absentees, course file completion, Unit 1 syllabus completion, IV Year Project Review schedule, University Practical Examination and MCQ question preparation in Google forms.

S& H

S& H Department conducted a Meeting on 15.12.2020 at 11.30am and discussed about Unit-Exam and Question paper preparation, Course File Work, Preparation and discussion of AA record for current semester and Student profile entry in E-Campus.
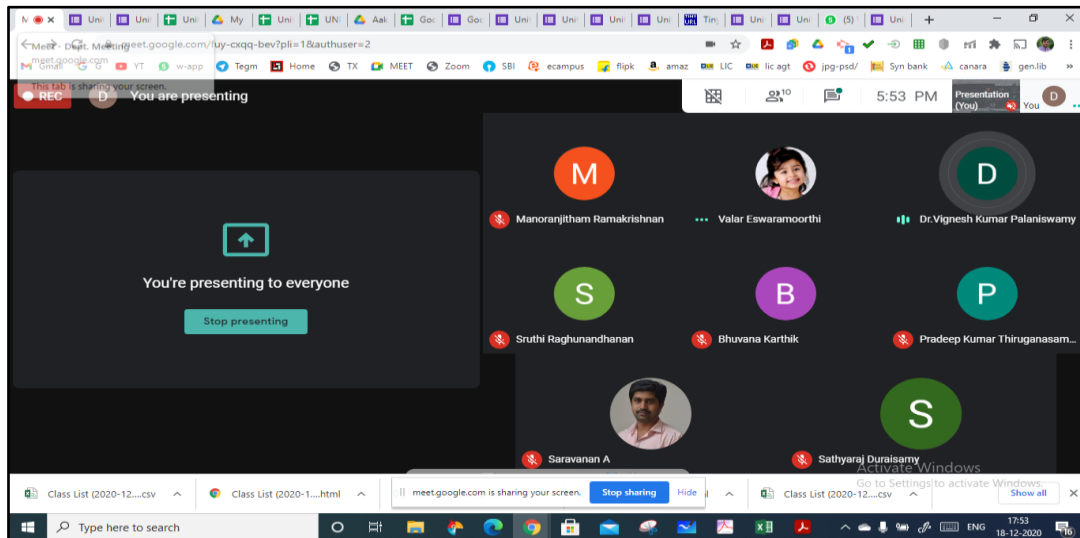

A meeting was held on 16.12.2020 at 6.00pm to discuss the requirements for Unit Exam-1. In the meeting, **Dr.Senthil Kumar** explained "How to create Google sheet".

IT - Pit Stop – A Placement
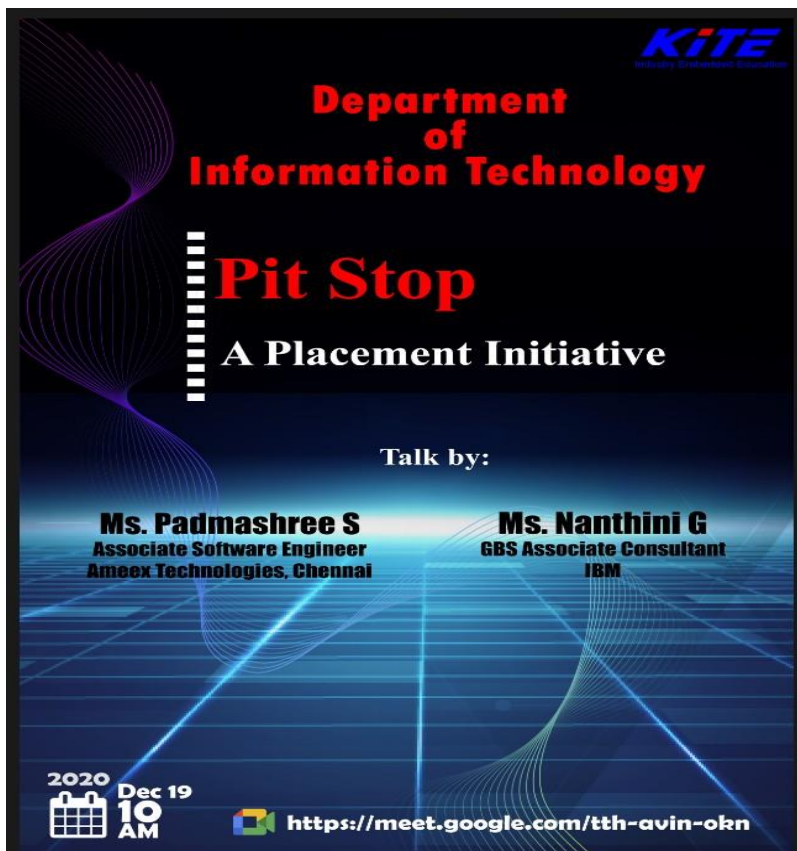
The Department of Information Technology conducted a Placement Training Program for the students on 19.12.2020. This was organized to create awareness on the placements, to gain experience over the placement methods and preparations and also in a view to enhance knowledge about the placements to choose better career.
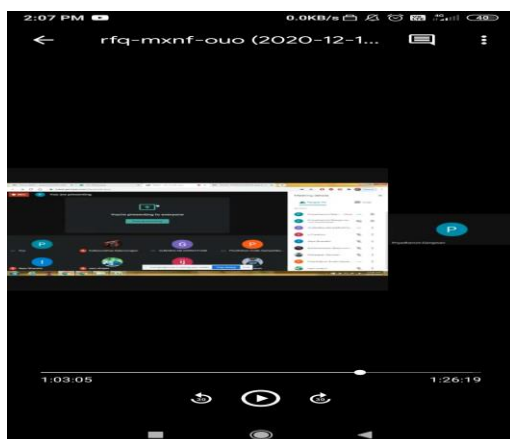
IV Year Project Review - CSE
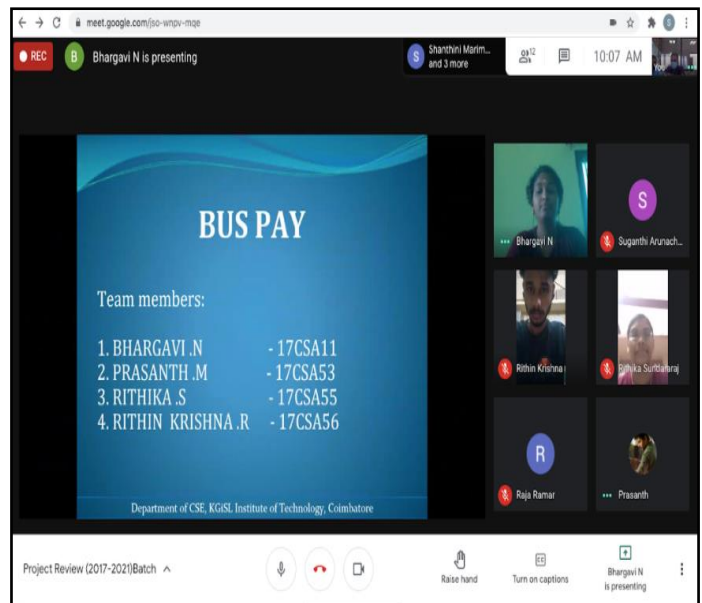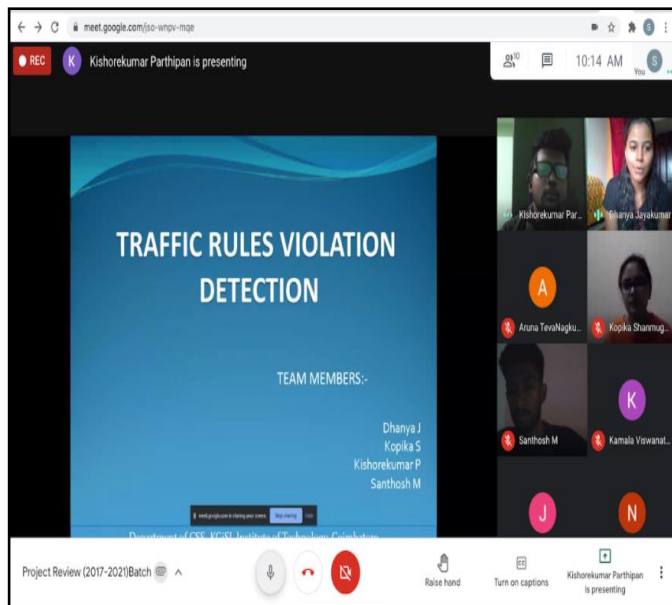
Zeroth review for the IV CSE A students was conducted on 16.12.2020, 17.12.2020 & 19.12.2020 in presence of Head of the Department, final year project coordinator, and the department faculty members. Students were advised in terms of direction of the project development.
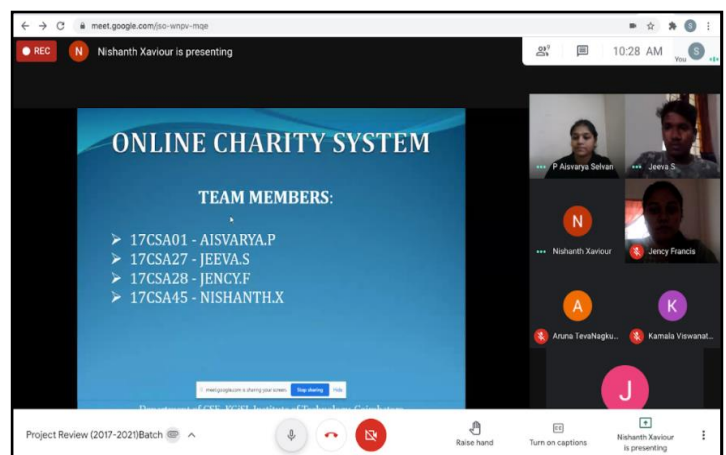
IV Year Project Review - Civil

Zeroth review for final year students was held on 18.12.2020 in Google meet at 10.30 AM. In this review, the project titles were confirmed and Supervisors were allocated.

IV Year Project Review - ECE

The final semester project review for IV ECE students was conducted on **15.12.2020** under the supervision of the Project Coordinator, **Dr.S.K.Mydhili** through online mode from 11.30 a.m to 5 p.m.

IDC Club Activity - ECE

The members of IDC Club, **Mr. Manokaran.R (III ECE), Ms.Srimathi.J (III ECE), Mr. Remin Franklin.E & Mr.R.Lokesh Kumar (II ECE)** exhibited a project on **Tele IR** under the guidance of **Dr.R.JaiKumar and Ms.B.Leena.**
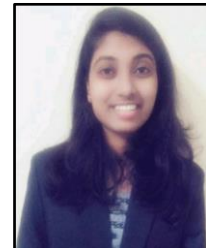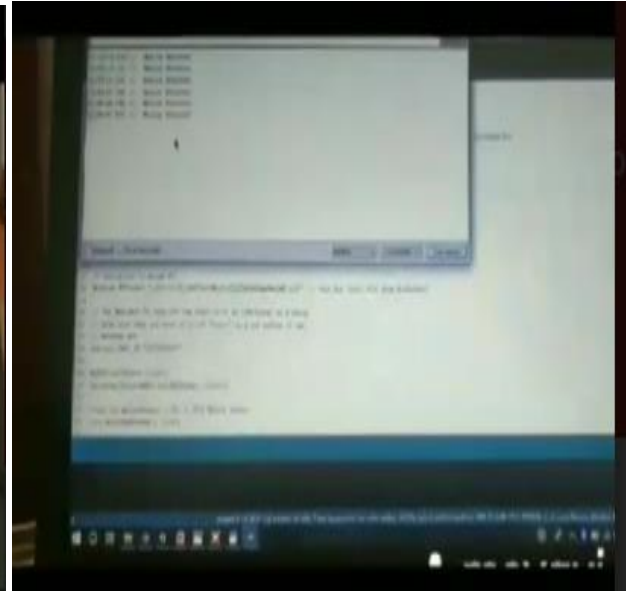
Extension Activity - ECE

INNOVATION DESIGN CLUB and ESHIKHYA jointly conducted training at Govt Model Hr Sec School, Pattimaniyakaranpalayam, Erode between 7.00pm to 8.00pm in online mode on 16.12.2020 & 17.12.2020. Day 1 (16.12.2020)- Introduction – Ms.B.Leena (Assistant Professor/ECE), Soft Skills Training - Subiksha - IV ECE. Day 2 (17.12.2020)- Mask Detection using Open CV& AIR Piano - Sudhakaran.S - IV CSE

Subiksha - IV ECE
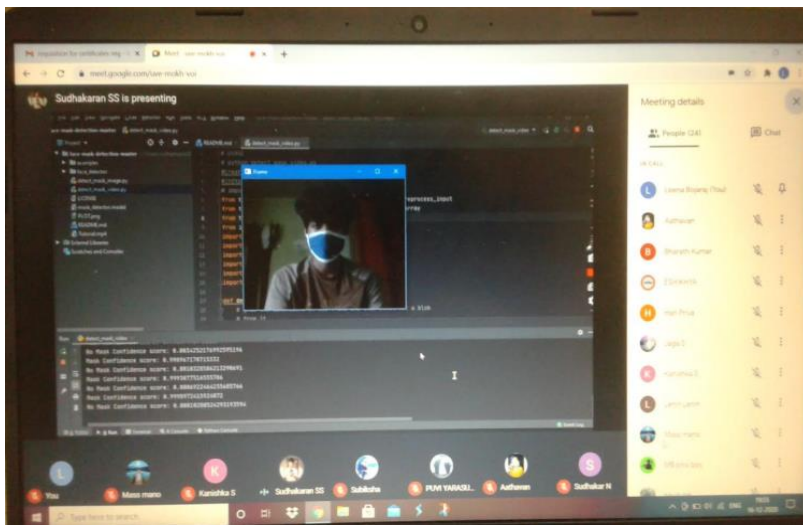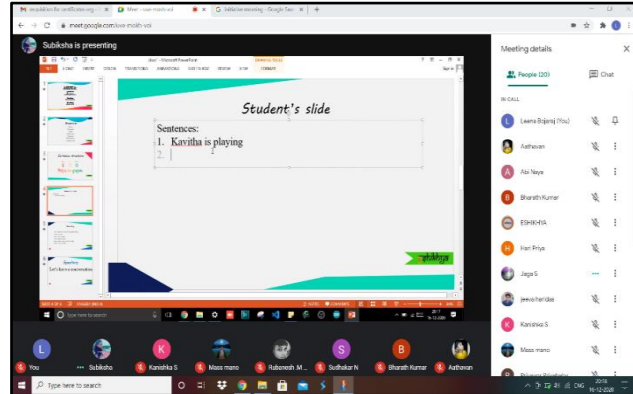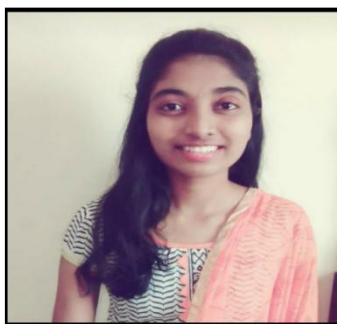

Sudhakaran.S - IV CSE
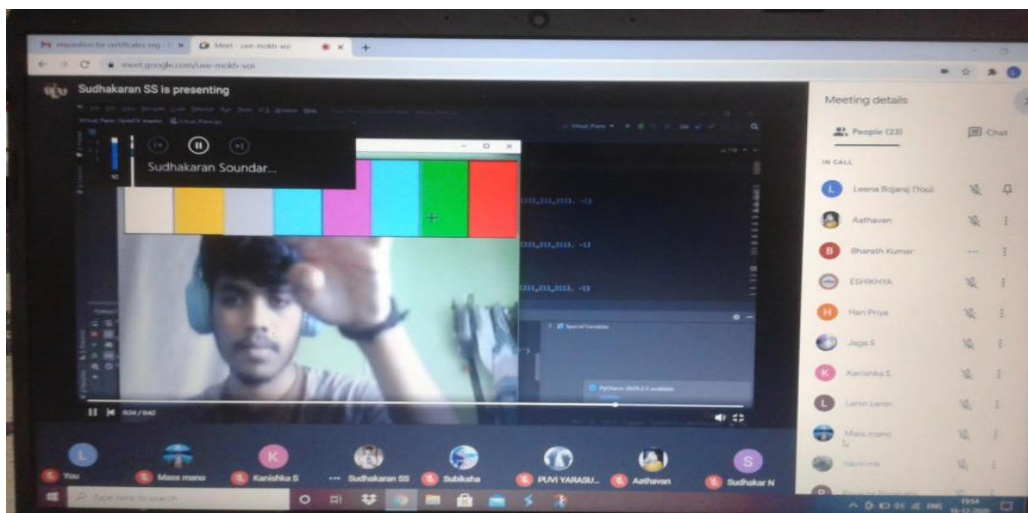
Professional Membership - Civil

Mr.B.Kailasanathan, student of IV BE Civil has been a student member in 'The Institution of Engineers (India)' on 18.12.2020

Conference Presentation - ECE

Ms.J.Srimathi of **III BE ECE** has presented a paper titled, "**Artificial Intelligence – Chatbots /AI Making Our Life Gorgeous, Chatbot for Every Person** " in **"**International Online Conference On Current Trends And Challenges In Health Care Informatics and Technology **(**ICCTCHIT'20) sponsored by AICTE and organized by the Department of Computer Science Engineering, KSR COLLEGE OF ENGINEERING on 10.12.2020 & 11.12.2020.

Student's Project - CSE

Project Mentor: **Mr. SathishM**, Assistant Professor/CSE

Team Members: Mr. Sagar K, Mr. Saravanan G, Mr. Ranjith Kumar B, Ms. Pavithra R from III CSE B

Description: In the present scenario due to Covid-19, we have created a real time application, **"Face mask detector using Raspberry Pi"** as a precaution for the current Covid-19 pandemic. This project detects whether a person is wearing a mask or not with the help of OpenCV, Keras and TensorflowTechStack and it also contains the face mask dataset. If a person removes the mask, an alert message stating 'No mask' pops up and a buzzer alarm goes on until the person puts the mask on and indicates that the person is safe. This project can be integrated with embedded systems for application in public places, densely populated areas to ensure the safety guidelines.
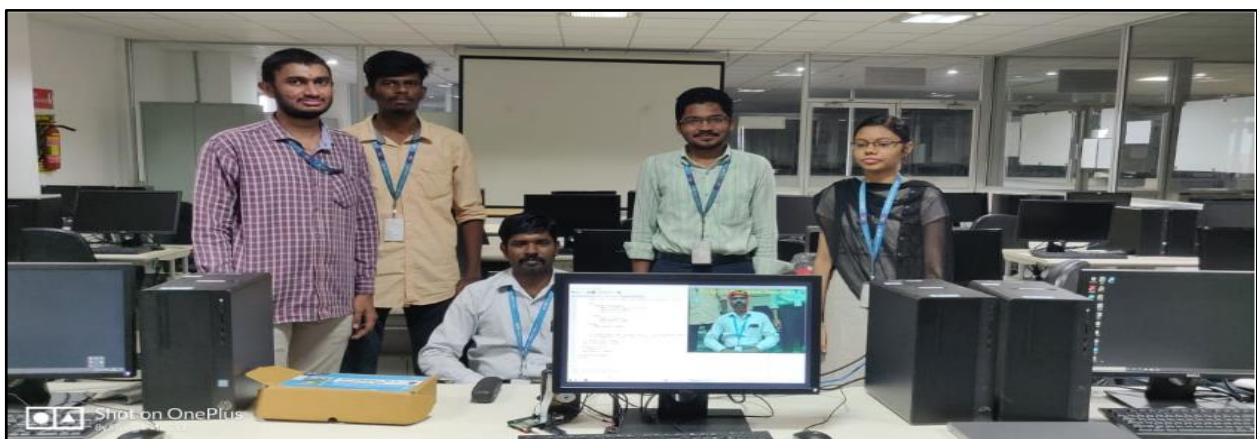
Faculty Certification - ECE

Dr.S.K.Mydhili, Professor, Dept. of ECE has successfully completed an online courses on "Machine Learning with Big data & Machine Learning Foundations: A Case study" in Coursera on 12.12.2020 & "Internet of Things: How did we get here?" in Coursera on 16.12.2020

Faculty Participation - CSE

Prof. J.Srikanth, Dept. of CSE participated in AICTE Training and Learning (ATAL) Academy Online Faculty Development Programme on "Block Chain" from 7.12.2020 to 11.12.2020 organized by Karpagam College of Engineering.

Ms.A.Suganthi, Asst. Professor, Dept of CSE has presented a research paper titled "A Secure Digital Voting using Block Chain Technology" in the International Conference on Advances in Computing, Communication, Automation and Biomedical Technology(ICACCABT 2020) organized by KPR Institute of Engineering and Technology on 11.12.2020 to 12.12.2020.
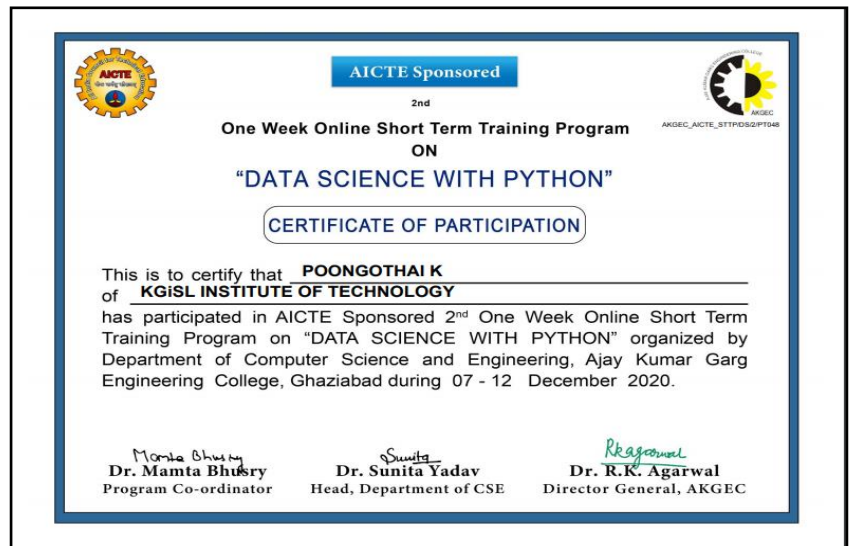

Ms.A.Suganthi, Asst. Professor, Dept of CSE participated in one week online Short Term Training Programme sponsored by the AICTE on "Impact of Artificial Intelligence (AI) and Deep Learning (DL) on Internet of Things(IOT) for Designing Smarter Products –A Hands on Approach" conducted by Francis Xavier Engineering College from 07.12.2020 to 12.12.2020

Ms. K.Prashanthini, Asst. Professor, Dept of CSE participated in one week online Short Term Training Programme sponsored by the AICTE on "Impact of Artificial Intelligence (AI) and Deep Learning (DL) on Internet of Things(IOT) for Designing Smarter Products –A Hands on Approach" conducted by Francis Xavier Engineering College from 07.12.2020 to 12.12.2020

Ms. K.Poongothai, Asst. Professor, Dept of CSE has participated in one week online Short Term Training Programme on "Data Science with Python" organized by Ajay Kumar Garg Engineering College, Ghaziabad from 07.12.2020 to 12.12.2020.

Ms.M.Shanthini, Asst. Professor, Dept of CSE participated in AICTE Training and Learning (ATAL) Online Faculty Development Programme on "Internet of Technology (IoT)" on 7.12.2020 and 11.12.2020 organized by SRM Institute of Science and Technology.

Mr.Sathish M, Asst. Professor, Dept of CSE participated in Two days National Level Online Workshop on Raspberry Pi and Applications organized by NITK-STEP National Institute of Technology, Karnataka in association with Pantech E Learning on 12.12.2020 and 13.12.2020.

Faculty Participation - Mech

| Mr. T. A. Arun | Mr. J. Kaleeswaran | Mr. Stalin Durai | Mr. S. Premkumar |

Mr. T. A. Arun, Mr. J. Kaleeswaran, Mr. Stalin Durai and **Mr. S. Premkumar,** faculty members of Mechanical Engineering Department attended an online five-day Faculty Development Program on "**ME8493 - THERMAL ENGINEERING - I**" from 14.12.2020 to 18.12.2020 organized by Arasu Engineering College, Kumbakonam, Tamilnadu.

Prof. C. Narayanaswamy, Head of the Mechanical Engineering Department organized an online seminar on "**Industrial Pandemic**" in collaboration with **SANDBOX AUTOMATION** on 19.12.2020 at 11 a.m All the faculty members and the students of Mechanical Engineering Department attended the seminar.

Prof. C. Narayanaswamy   Mr. K. Venkataraman   Mr. S. Premkumar   Mr. J. Kaleeswaran

Mr. Stalin Durai   Mr. T. A. Arun   Mr. R. K. Sujith Kumar

Prof. C. Narayanaswamy, Mr. K. Venkataraman, Mr. S. Premkumar, Mr. J. Kaleeswaran, Mr. Stalin Durai, Mr. T. A. Arun and Mr. R. K. Sujith Kumar, faculty members of Mechanical Engineering Department attended a webinar on "**Need for Scientific Computation in IC Engine Modelling**" organized by Arasu Engineering College, Kumbakonam, Tamilnadu.

Faculty Participation - ECE

Dr.M.Arun, Asso. Prof, Dept. of ECE participated in the AICTE sponsored one week Short Term Training Programme (STTP) on "Supporting Open Technology for Deployed Artificial Intelligence" conducted by P.S.R Engineering College from 07.12.2020 to 12.12.2020.

Dr.R.Jaikumar, Associate Professor, Dept. of ECE has participated in AICTE Training And Learning (ATAL) Academy Online FDP on "Augmented Reality (AR)/ Virtual Reality (VR)" from 07.12.2020 to 11.12.2020 at Kumaraguru College of Technology.
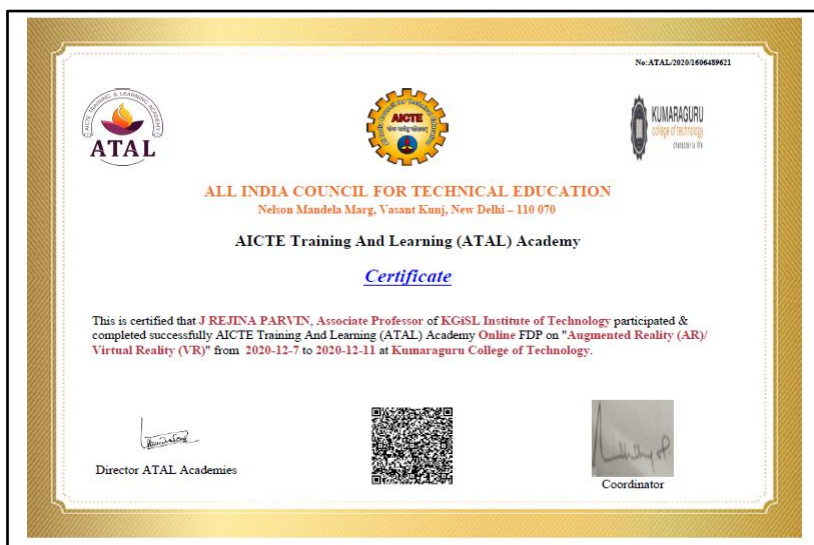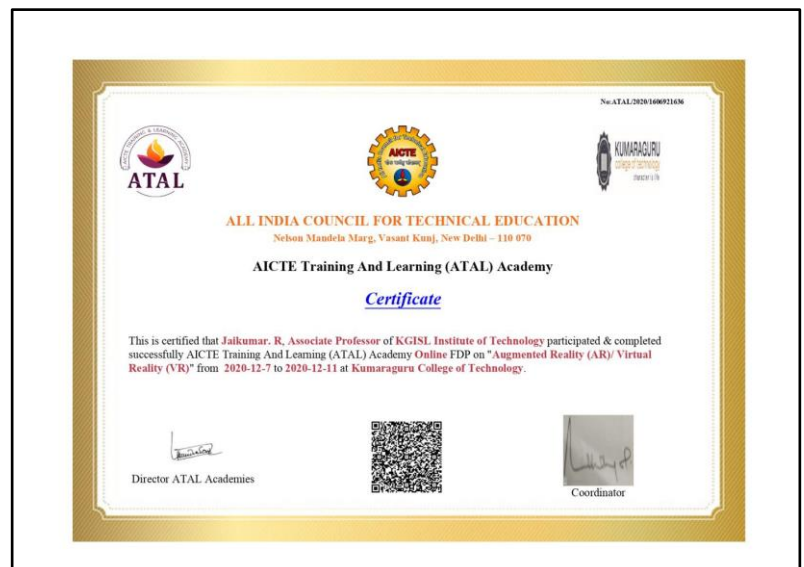
Dr.J. Rejina Parvin, Associate Professor, Dept. of ECE participated in AICTE Training And Learning (ATAL) Academy Online FDP on "Augmented Reality (AR)/ Virtual Reality (VR)" from 07.12.2020 to 11.12.2020 at Kumaraguru College of Technology.

Faculty Participation - IT

Ms. Shirley Josephine Mary R, Assistant Professor, Dept. of IT participated in the motivational Webinar titled, "My Story – Motivational Session" on 19.12.2020 organized by KLS'S GOGTE Institute if Technology, Belagavi.

KLS'S GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI
PRESENTS
WEBINAR ON
"MY STORY- MOTIVATIONAL SESSION"
BY SUCCESSFUL
STARTUP FOUNDER
ON 19TH DECEMBER 2020
ORGANIZED BY
INSTITUTION'S INNOVATION COUNCIL(IIC) &
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Reserve your slot now at
https://forms.gle/RRa9VuqNC7JMaGWs6
REGISTER BEFORE DECEMBER 18, 2020
NO REGISTRATION FEES
TIME: 10 AM TO 11 AM

RESOURCE PERSON
MR. SANDEEP HEGDE
INDEPENDENT CONSULTANT

PRESIDENT
DR. SANTOSH S. SARAF

VICE PRESIDENT
DR. R.M. KULKARNI

CONVENOR
DR. KIRAN K. TANGOD

PROF & HOD
DR. V.S RAJPUROHIT

PRINCIPAL
DR. JAYANT KITTUR

FOR ANY QUERIES CONTACT
STARTUP ACTIVITY COORDINATOR
MR. RAGHAVENDRA Y JADHAV
M NO: 9019374052

Mr. Sureshkumar C, has participated in Two-Week Online AICTE sponsored Faculty Development Program on **"Data Science using Python"** organized by Department of Information Technology, Shri Vishnu Engineering College for Women, Bhimavaram, India held during 23-11-2020 to 05-12-2020.

Students Corner - IT

Certificate of Completion

This is to certify that *Bishwajith T R* successfully completed 7 total hours of *Python for Beginners:Introduction to Python* online course on Dec. 16, 2020

Horizon Tech
Horizon Tech, Instructor

&

Udemy

#BeAble

Certificate of Completion

This is to certify that *Bishwajith T R* successfully completed 6.5 total hours of *Adobe Illustrator CC 2020 MasterClass* online course on Dec. 16, 2020

Mostafa Eltaher
Mostafa Eltaher, Instructor

&

Udemy

#BeAble

Bishwajith T R of IV B.Tech IT has completed 40 online courses through UDEMY which marks as a remarkable acheivement towards his career development.

Swetha Lakshmi S of IV B.Tech IT attended a webinar titled "Opportunities for Freshers in the Data Analytics Industry" on 17.12.2020.
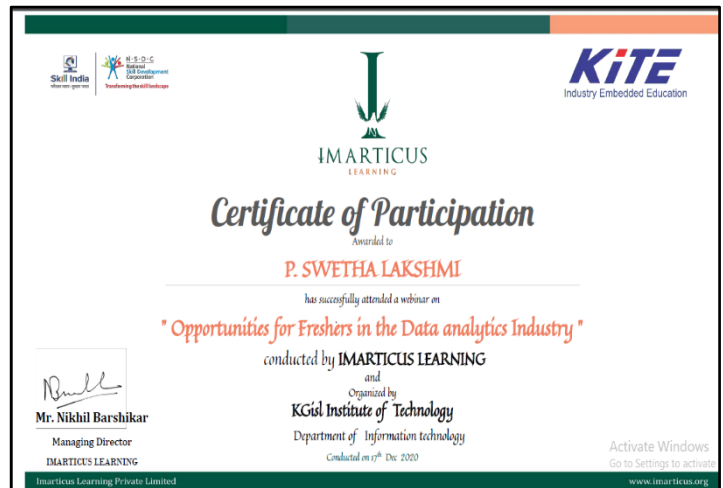
Mithan Santhosh Y of III B.Tech IT attended a webinar titled "Opportunities for Freshers in the Data Analytics Industry" on 17.12.2020.

Students Corner - ECE

Art by **Ms. P.Mercy** of IV ECE

Mr.S.Niranjan of IV ECE has posted a Poem on " Kalluri Saalai"

"கல்லூரி சாலை ❣ 👦🎓"

தாயும் தந்தையுமாய் என்னை பேணி காத்த கல்லூரி !

ஆயிரம் நண்பனின் அறிமுகம் தந்தது !

கல்வியை தாண்டிய வாழ்க்கையை சொன்னது !

வகுப்பறை குள்ளே ஆயிரம் அறிவுரை கொடுத்தது !

ஆசிரியர்கள்

யாவரையும் சொந்தங்கள் ஆகியது !

நிஜத்தையும் நிழலையும் சேர்த்தே அளித்தது !

சாதாரணமானவர்களை சாதிக்க செய்தது !

சாதாரண மாணவர்கள் யாரும் இங்கு இல்லையென்றது !

சிறியகாலத்தில் பல நினைவுகள் தந்தது !

அன்பையும் அழகிய அழுகையையும் அள்ளி கொடுத்தது !

காலம் முடியும் வரை இந்த கல்லூரி வாசம் மறக்காது !

எங்கள் சொர்கம் வேறு எந்த கல்லூரி மாணவர்களுக்கும்
கிடைக்காது !

இது என் கல்லூரி சாலையில் ஒரு பகுதி...

Art By **P.Tharshini Sree** of IV ECE

Art By **Ms. S.Keerthana** of IV ECE

Students Corner – AI & DS

Pencil sketch by **Mr. Archana Veerakumar**, I year AI & DS

Students Corner – S& H

"Life" by **AmrithaSree** of I BE ECE, Department of S&H

LIFE

" The Greatest glory in living lies not in never falling , but in rising every time we fall ."

All the World 's a stage and we are just acting our part. All of us have time to exist. Nothing is forever but sometimes we fail to understand it. So collect moments and not things. There may be ups and downs in life but never lose hope. In our play called " Life" there may be people come to us only for some purpose or needs never trust those people.

" Trust takes years to build

Seconds to break

And forever to repair ."

So be careful before trusting someone.

No matter how old you are people never forget your actions.

" The Life of person is not measured with the years you

live ,

But with the footprint and love that he /she leaves behind in

other person's thought, life and heart. "

There are different kinds of people around us. Everyone is not the same. But never forget those who helped you in difficult times. You may be sad, feeling lonely , depressed but you need to build bridges instead of walls. Worrying doesn't take away tomorrow's trouble but takes away today's peace.

Remember that the achievement of life shouldn't be success, but it should be the way you struggle to achieve that SUCCESS. Nobody can go back and create a new beginning but everyone can make a new ending. Never regret about a day in your life. Good days give you happiness. Worst days give you lessons. And the best days give you memories.

Having a successful life is not all about having riches. It is about leading a peaceful life. Many dream of success, but only a few awake to achieve it.

Life is a race. Never give up!

Never lose hope! Win the race!

- AmrithaSree. S

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