

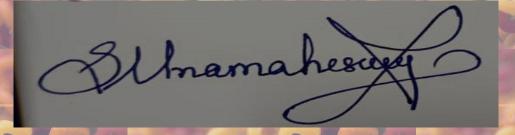
# HOD MESSAGE

I FEEL IMMENSELY PLEASED TO GLANCE THROUGH THIS
MAGAZINE "INFORMATION TECHNOLOGY DEPARTMENT
MAGAZINE-21" WITH ALL ITS ATTRACTIVE AND INFORMATION

FEATURES. HAVE MADE THEIR CONTRIBUTION VERY NICELY ON VARIOUS TOPICS OF INFORMATION TECHNOLOGY AND GENERAL INTEREST.

DONE BY THE MEMBERS OF EDITORIA COMMITTEE TO BRING YOU THIS MAGAZINE WITH ALL ITS SPENDNOR

**SIGNATURE** 



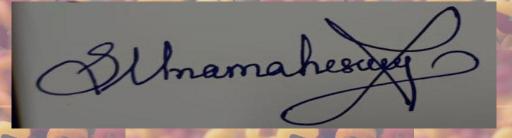
# HOD MESSAGE

I FEEL IMMENSELY PLEASED TO GLANCE THROUGH THIS
MAGAZINE "INFORMATION TECHNOLOGY DEPARTMENT
MAGAZINE-20" WITH ALL ITS ATTRACTIVE AND INFORMATION

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## **Program Specific Outcomes**

Information Technology graduates will be able to:

- Apply current technical concepts and practices in the Information Management which uses the concepts of Databases, Data mining, information coding and effectively integrate IT-based solutions into the user environment.
- Identify and Analyze computing system that efficiently utilizes system software and hardware to cover user needs in a socially and economically acceptable form.

### Webinar - 06 June 2020

The Department of Information Technology organizes live webinar on "**Decoding Interview**" on 06 June 2020 and Mr. K. Nihad Ahmed of Technical Program Manager, Amazon, USA was the chief guest.

Mr.M. Mohamed Rafee, Assistant professor was the event organizer and Dr.S.Umamaheswari, professor and Head, was the convenor of the program.



### **E-Quiz - 24 June 2020**



Department of Information Technology Organized a National Level E-Quiz on "Design and Analysis of Algorithm" on 24th June 2020. Almost 50 Students participated in the E-Quiz from various colleges. Dr. S. Umamaheswari, Professor and Head/IT was the convenor of the event and Mrs. K. Malini, AP/IT was the organizer of the event.

# Webinar- 1 July 2020

One day Webinar titled "Data Science – Future Era of Data Insights" was successfully organized by Department of Information Technology on 1st July 2020 in association with Pantech E Learning. It was an interactive & useful session to both students and Faculties. Around 250 participants in and around Tamilnadu were actively participated and gained knowledge about data science.



# Webinar -15 July 2020



Department of Information Technology organized a webinar in association with THIVYA ACADEMY on "DESIGN THINKING" on 15 July 2020. Mrs. Uma. G, Senior Manager, Accenture. was the chief Guest. Mr. K. Mohammed Abdul Kader, Faculty of Information Technology, was the event organizer.

# Webinar - 21 July 2020

Department of Information Technology Organized a National Level Webinar on "Deep Learning with Tensor Flow" on 21st July 2020. Dr. D. Jagadeesan, Professor, Department of Computer Science and Engineering, Sreenivasa Institute of Technology and Management Studies Was the Speaker. Almost 40 Participated in the Program and Made use of it. Dr. S. Umamaheswari, Professor and Head/IT was the convenor of the event, Mrs. H. Fametha, AP/IT and Mrs. K. Malini, AP/IT was the organizer of the event.



# Webinar – 22 July 2020

Department of Information Technology Organized a National Level Webinar on "Reinforcement Learning in Artificial Intelligence" on 22nd July 2020. Dr.C.Parthasarathy, Assistant Professor, Department of Computer science and Applications, SCSVMV University, Kanchipuram was the Speaker. Almost 93 Participated in the Program and Made use of it. Dr. S. Umamaheswari, Professor and Head/IT was the convenor of the event, Mrs. K. Malini, AP/IT and Mrs. H. Fametha, AP/IT was the organizer of the event.



# Faculty Development Program 5 -9 August 2020

Department of Information Technology Organized a Five Days National Level Online Faculty Development Program on "Research and recent Trends in IT" from 05th August 2020 to 09th August 2020. On 05th August 2020, the Topic "Do's and Don'ts in Research" was given by Dr. S. Srinivasan, Professor, School of Computer Science and Engineering, Galgotias University, Uttar Pradesh. On o6th August 2020, the Topic "Pandas and data Visualization" was delivered by Dr. N.R. Ananthanarayanan, Assistant Professor, Computer Science and Applications, SCSVMV university, Kancheepuram. On 07th August 2020, the topic "Natural Language Processing Using Python" was given by Dr. V. Ramesh, Assistant Professor, Computer Science and Applications, SCSVMV university, Kancheepuram. On 08th August 2020, the ' Internet of things" was given by Dr. Anand Mahendran, Associate Professor, School of Computer Science and Engineering, VIT University, Vellore. On 99th August 2020, the topic "Neural Network and its Applications" was given by Dr. D. Jagadesan, Professor, Computer Science and Engineering, Sreenivasa Institute of Technology and Management Studies, Chithoor. Almost 33 Faculties from Various Colleges Participated in the event. Dr.S.Umamaheswari, Professor & Head/IT was the convenor of the program and Mr.T.S.Karthick, Associate Professor/IT, Mrs.H.Fametha, AP/IT and Mrs.K.Malini,AP/IT was the coordinators of the event.





**Mrs. K.MALINI has completed WEBINAR** on BRAIN COMPUTER INTERFACE in PANTECH SOLUTION on (5-6-20)

Mr. M MOHAMED RAFEE WEBINAR on CAREER IMPROVEMENT GUIDELINES in GITAM SCHOOL OF SCIENCE, BENGALURU on (26-6-2020)

Mr. M MOHAMED RAFEE has attended 4days fdp on BLOCK CHAIN TECHNOLOGY AND CYBER SECURITY in VIKAS GROUP OF INSTITUTIONS on (9-7-20 To 12-7-20).

### **STUDENTS ACHIEVEMENTNT**

Arun.s of (II-year) B.tech has participated in 2k20-**E-QUIZ** ON ENVIRONMENTAL SCIENCE AND ENGLISH organized by department of science and humanities of our college conducted on 5-6-2020 to 6-6-2020 with a passing score of 87%.

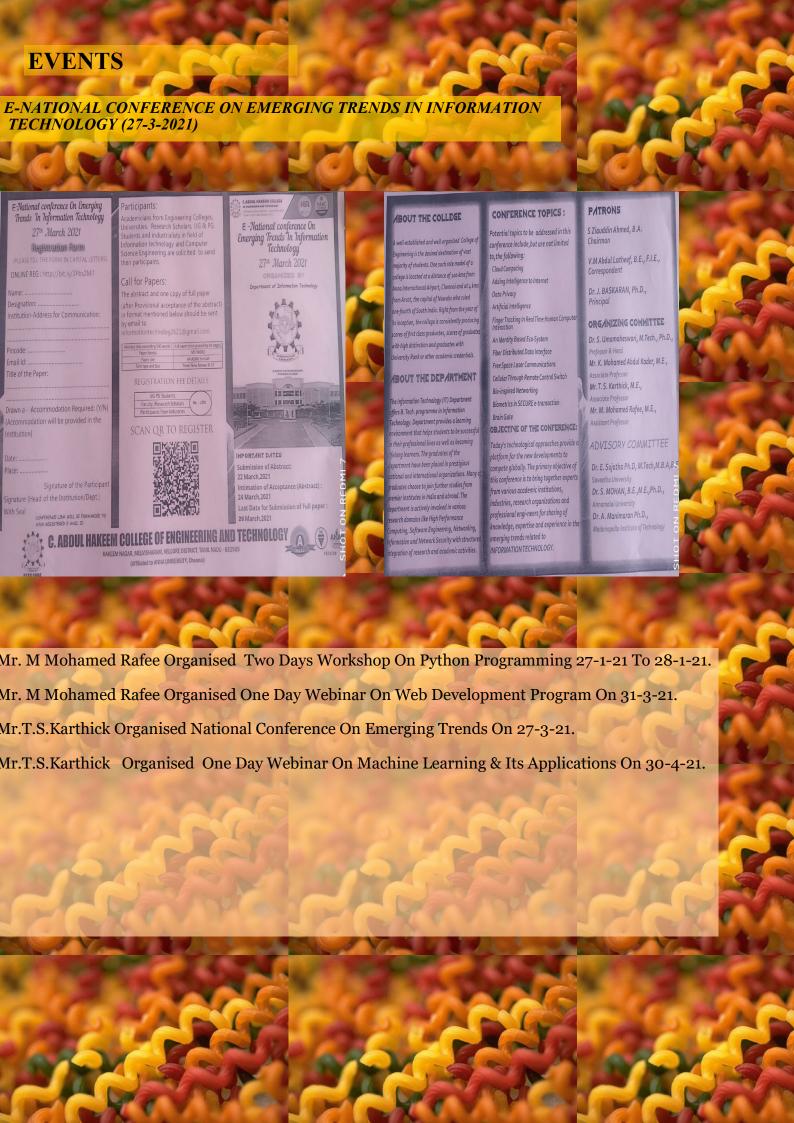
Sharique Ahmed of (II-year) B.Tech *has successfully completed the* **course** of "ICSI | CNSS Certified Network Security Specialist" on June 21, 2020.

Sneha B.R of (II year) B.Tech has successfully completed **an online non-credit course** of Git + **GitHub** for Open Source Collaboration authorized by Deprecated Guided Projects and offered through Coursera on 3-7-2020.

Sneha B.R of (II year) B.Tech has successfully completed an **online non-credit course** of **HTML, CSS, and Javascript** for Web Developers authorized by Johns Hopkins University and offered through Coursera on 25-7-2020.

Sharique Ahmed of (II-year) B.Tech has successfully completed an **online non-credit course** of "Introduction to **Git and GitHub**" authorized by Google and offered through Coursera in the year of 20/8/2020.

SHAIK MUNAVAR T and Mohammed Hussain S Student of (II-year) B.Tech had successfully completed online **internship training program** on **java web development** offered by STRYDO technologies Pvt.Ltd in the duration of 21-9-2020 to 5-10-2020.



# **Faculty achievement**

**Dr.S.**Umamaheswari has given an invited talk on "Usecase & object modeling using Argo UML" on 23/4/21 in GTEC college, vellore.

**Dr.S.Umamaheswari** has **presented a paper** on "Data warehousing and data mining" in Sri Krishna HiTech publishing company private limited in 2021.

**Dr.S.Umamaheswari** has **published a book** titled "Data warehousing and data mining" in Sri Krishna HiTech publishing company private limited in 2021.

Dr.S.Umamaheswari has been the question paper setter for web technology in sitams college, chittoor.

Dr.S.Umamaheswari has attended 15 webinars and 6 FDPs in academic year 2020-2021.

Mr. M MOHAMED RAFEE has attended 5 days FDP on RESEARCH INNOVATION IN COMPUTER VISION(10-5-21 TO 14-5-21) in KINGS ENGINEERING COLLEGE.

Mr. M MOHAMED RAFEE has attended 2 days FDP on RESEARCH ETHICS(29-3-21 TO 30-3-21) in VIVEKANANDA COLLEGE

Mr. M MOHAMED RAFEE has attended 1 days FDP on E-RESOURCES IN TEACH-ING, LEARNING AND RESEARCH(12-2-21) in BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT.

Mr. T S KARTHICK FDP has attended 14 days FDP on DATA ANALYT-ICS, ARTIFICIAL, BUSSINESSNINTELLIGENCE FOR ENGINEERING AND SCIENCE APPLICATION-PHASE II(22-4 TO 6-5-2021)

Naveenraj k of (II year) B.Tech had participated **3 DAYS WEBINNAR** in **Google cloud community Days India** Organised by GDG cloud communities in india on January 22-23,2021.

Sneha B.R and Arun S of (III-year) B.tech has successfully completed the **course of "Bulid a face Recognition using Python** "as part of AL-FOR –INDIA EVENT organized by GUVI tech on april 24 2021.

Naveen raj K (III-Year)B.TECHhas successfully completed **online internship program** on create and deploy a static website on GITHUB organized by rahul arulkumaran co-founder of WIDHYA Organization on 4-1-2021 to 4-2-2021.

## BEST PROJECTS

# CORONA GO WEB APPLICATION INTEGRATED WITH CHATBOT, TRACKER AND PREDICTION USING MACHINE LEARNING

# RAMYA J SANDHIYA S SURAIYA BEGUM K

# **ABSTRACT**

The first cases of atypical pneumonia of unidentified aetiology were reported on December 30, 2019, from Wuhan, China. After much research, severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is identified as the cause of the disease and the disease has been named as COVID-19. The rapid spread of this virus resulted in the worldwide pandemic. The virus may

spread from bats to humans through another intermediate host and cause severe respiratory syndrome, characterized by strong human-to-human transmission

through the air. This global pandemic has made a devastating impact on several domains like education, business, Economy and others. According to this

current pandemic crisis situation, we planned to help people in the crisis by creating a informative web application. This application aims to design and develop a reliable and easy to use the web application through which help can be offered to the people in need. On this base idea we have integrated chatbot, COVID cases Tracker, COVID cases prediction, Remote Education for primary school children and contribution forum for the needy.

# SECURE ALERT SYSTEM FOR WOMEN SAFETY

## **ABSTRACT**

Now a days women facing so many problems when travelling alone through transport places like Railways, Bus- stands and pathway, etc. During this Paper, we've got reviewed of assorted existing systems on women security,. GSM is most popularly-liked for this mode of dominant in this application we square measure maintaining a switch.

We offer numerous varieties of ways to access the appliance and work properly. We'll provide permissions in it to access the web and track the present location of the user and send it to REGISTERED Contacts. First of all, users got to fill their info within the application and that they will edit their info anytime. We have a tendency to use this application by voice or by a shake or by click and this application have an extra issue that's sound recording module which might be used as proof. If Voice Recognition doesn't work properly then mechanically another process can begin (shake or click).

We have a tendency to add most 5 members in it to elicit facilitate before that application has got to notice the closest station house and send ALERT messages of them.

K.POOJA
Y.SASIREKHA
D.VIJAYA

# A REAL TIME NOTIFICATION SYSTEM TO ENFORCE THE USAGE OF FACE MASK IN ENTERPRIZE USING MOBILENET MARYAM SHERIEF R NISHANTHI D R SWETHA V

# **ABSTRACT**

In a recent research carried out in Asian countries, scientists have concluded that wearing mask reduces the transmission of not only COVID but also many other respiratory viruses including H5N1 by 60 - 80%. As most of the public & private sectors are opening up there is not an effective way to ensure people are wearing masks. To solve this, we propose a deep learning application that uses an up to date real masked image datasets with an efficient real-time computer vision library and an architecture that canrun efficiently on embed systems. Our main goal is to leverage mobile Embedded systems and deploy them anywhere from airports to supermarkets without drastically changing the existing infrastructure and to reduce installation costs. This is a proof of concept wherei we'll be using our existing laptop, webcam and speakers to train the model, analyse the footage in real-time and to make an announcement when a mask less ace is detected.

# C.ABDUL HAKEEM COLLEGE OF ENGINEERING AND TECHNOLOGY DEPARTMENT OF INFORMATION TECHNOLOGY PLACEMENT DETAILS

Progra	ms Name and Assessment Year	: IT & 2020- 2021		
S.No.	Name Of The Student Placed	Enrollment No.	Name Of The Employer	Appointment Letter Reference No. With Date
1	V. SWETHA	510617205050	NOVAC	S00000613 - 27-12-2021
2	V M MUDASSIR AHMED	510617205030	STERLING SOFT- WARE	SS/CAHCET/IT/001- 23-12-2021
3	A MD TANZEEF	510617205028	CAPGEMINI	5241182/1098464 - 21-12-2021
4	S KEERTHIKA	510617205019	WIPRO	WP/CAHCET/IT/001- 07-12-2021
5	SURAIYA BEGUM	510617205048	MAQ SOFTWARE	MS/CAHCET/IT/001 – 12-11-2021
6	CHITHRA MENON	510617205010	HONEYWELL	HW/CAUCET/IT/001- 20-09-2021
7	J MOHAMMED FAROOQ	510617205025	SOURCEHOV	SHOV/PP/LTR/09/2021 - 05 -09- 2021
8	AZAM BASHA	510617205008	PENTAGON SPACE	PS/CAHCET/IT/001 - 25-06-2020
9	P S CHITHRA MENON	510617205010	PENTAGON SPACE	PS/CAHCET/IT/002 - 25-06-2020
10	P M ANNESUR RAHMAN	510617205003	TRIEMP	TR/CAHCET/IT/001 – 17-06-2020
11	S JAMUNA	510617205015	TRIEMP	TR/CAHCET/IT/002 - 17-06-2020
12	R JEEVANANDHAM	510617205017	TRIEMP	TR/CAHCET/IT/003 – 17-06-2020
13	G MANIRATHINAM	510617205021	TRIEMP	TR/CAHCET/IT/004 - 17-06-2020
14	A MOHAMMED TAN- ZEEF	510617205028	TRIEMP	TR/CAHCET/IT/005 – 17-06-2020
15	PM ANEESUR RAHMAN	510617205003	S10 HEALTH CARE	SH/CAHCET/IT/001 - 04-03-2021
16	MOHAMMED FAROOQ	510617205025	QSPIDER	QA/CAHCET/IT/001 – 30-01-2021
17	PM ANEESUR RAHMAN	510617205003	QSPIDER	QA/CAHCET/IT/002 – 30-01-2021
18	K SURAIYA BEGUM	510617205048	QSPIDER	QA/CAHCET/IT/003 – 30-01-2021
19	NASIR HUSSAIN	510617205031	QSPIDER	QA/CAHCET/IT/004 – 30-01-2021
20	PM ANEESUR RAHMAN	510617205003	INFOSYS	HRD/3T/1001768305/21-22 – 31-08-2021
21	S JAMUNA	510617205015	INFOSYS	HRD/3T/1001611049/21-22 – 11-09-2021
22	G M NABEEL	510617205032	TCS	TCSL/DT20207046476/CHENNAI - 10-01-2021