



# GOPALAN

COLLEGE OF ENGINEERING AND MANAGEMENT

(APPROVED BY AICTE AND AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY)



## VISION

TO ACHIEVE EXCELLENT STANDARDS IN LEARNING BY IMPARTING QUALITY EDUCATION WITH EXTENSIVE RESEARCH WORK IN COMPUTER SCIENCE AND ENGINEERING TO MEET INDUSTRIAL AND SOCIETAL NEEDS.

## MISSION

- TO IMPART STATE-OF-THE-ART EDUCATION IN COMPUTER SCIENCE & ENGINEERING AND ENHANCE THE SKILLS OF STUDENTS IN DIVERSE DOMAINS.
- TO ESTABLISH RESEARCH FACILITY AND INDUSTRY INSTITUTE INTERACTION FOR PROMOTING COLLABORATIVE ACTIVITIES.
- TO INSTILL MORAL AND ETHICAL VALUES AND INTERPERSONAL SKILLS TO THE STUDENTS.





### DIRECTOR'S MESSAGE

HAVING BEEN BUILDERS FOR OVER 30 YEARS, WE UNDERSTAND THAT A BUILDING IS AS STRONG AS ITS FOUNDATION. A STRONG FOUNDATION FOR OUR CHILDREN WITH INDIAN VALUES WILL CREATE FUTURE LEADERS FOR THE EMERGING KNOWLEDGE ECONOMY. OUR VISION IS TO CREATE A KNOWLEDGE PARK TO OFFER THE ENTIRE GAMUT OF EDUCATION THAT WE UNDERSTAND IS ONE OF THE FOUNDATIONS OF SOCIETY. MODERN TECHNOLOGY BLENDED WITH INDIAN VALUE SYSTEM WILL CREATE GLOBAL CITIZENS WHO CAN MAKE PURPOSEFUL CONTRIBUTION TO HUMAN RACE. THIS IS OUR HUMBLE CONTRIBUTION TO SOCIETY.

#### **DR. C. PRABHAKAR**

General Secretary, Gopalan Foundations



### PRINCIPAL'S MESSAGE

DEAR STUDENTS, IN THIS ERA OF CUT THROAT COMPETITION, IT IS OF PARAMOUNT IMPORTANCE TO BE EQUIPPED WITH APPROPRIATE KNOWLEDGE, HABITS, ATTITUDES AND VALUES LEADING TO HOLISTIC DEVELOPMENT.

AT GCEM, WE HAVE CREATED AN ENVIRONMENT TO ENABLE OUR STUDENTS TO FULFILL THEIR POTENTIAL WHILE DEVELOPING INTO WELL MANNERED, WELL GROOMED, INDEPENDENT INDIVIDUALS WITH HIGH SELF ESTEEM. WE ARE COMMITTED TO PROVIDE AN EDUCATIONAL EXPERIENCE THAT IS THE RICHEST, MOST DIVERSE & MOST EXCITING IN AN ATMOSPHERE THAT PROVIDES SUPPORT, ENCOURAGEMENT & CARE FOR EVERY STUDENT.



### HOD'S MESSAGE

THE MOTTO OF OUR DEPARTMENT IS TO PROVIDE QUALITY EDUCATION WITH A WORLD-CLASS STUDENT EXPERIENCE. WHAT YOU LEARN, HOW YOU LEARN, AND WHERE YOU LEARN, PLAY A CRUCIAL ROLE IN DEVELOPING ONE'S INTELLECTUAL CAPABILITY, BESIDES CAREER.

ALONG WITH IMPARTING ACADEMIC KNOWLEDGE, CSE DEPARTMENT @ GCEM ALSO TRAINS ITS ENGINEERS TO FACE THE CHALLENGES IN LIFE BY PROVIDING VALUE ADDED COURSES TO ENHANCE THEIR EMPLOYABILITY AND TO BRIDGE THE GAP BETWEEN ACADEMICS AND INDUSTRY. WITH EXPERIENCED PROFESSORS AND SENIOR FACULTY MEMBERS, DEPARTMENT PROVIDES A VERY GOOD ATMOSPHERE FOR LEARNING AND GIVE IMPORTANCE TO THEIR STUDENTS IDEAS AND INVENTIONS.

#### **Dr. J. Somasekar** HOD, CSE

# EDITORIAL TEAM

We are pleased to introduce "CAMPUS CHRONICLES," the newsletter of Gopalan College of Engineering and Management, Bangalore. Our dedicated editorial team of talented students presents this edition, highlighting the vibrant activities and achievements of the academic year 2020-21. With creativity and professionalism, we strive to share captivating stories and updates that connect with our college.

Meet the talented members of our editorial team, who have worked hard to bring "CAMPUS CHRONICLES" to life with their creativity and passion.



Anusha S (IGD20CS005)



M Dhathri Reddy (IGD20CS022)



Nandana SJ (IGD20CS0029)



Shruthi Mahalakshmi S (IGD20CS042)



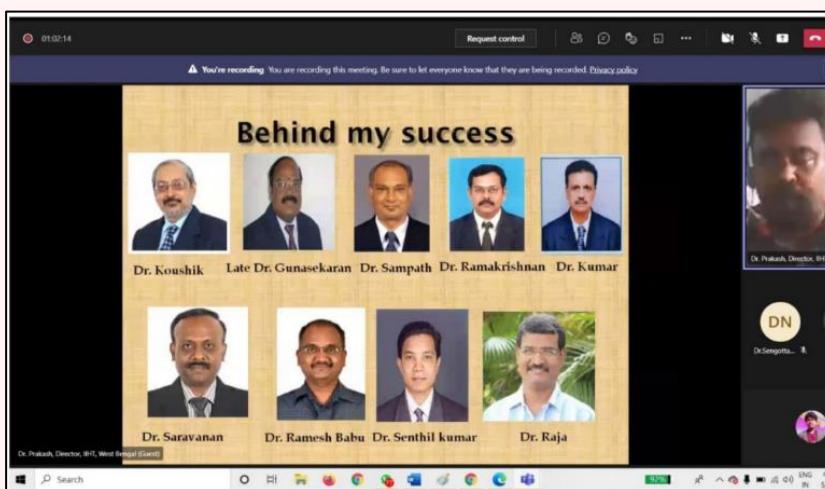
Tejasai Midam (IGD20CS049)

# WORKSHOPS

## 1) NATIONAL WEBINAR ON "A WAY TO JOURNAL Publication"

- DATE: 7<sup>th</sup> May 2021
- RESOURCE PERSON: Dr. C. PRAKASH, Director of Indian Institute of Handloom Technology
- DESCRIPTION:

The Department of CSE organized a national webinar on "A Way to Journal Publication" on May 7th, 2021, with 437 registrations from 17 states. The webinar featured Dr. Prakash C discussing topics such as identifying good journals, steps to write research papers, and sharing his publication experiences, facilitating participants' implementation of research ideas in reputed indexed journals.



## 2) AICTE ACTIVITY POINT THE MATH BEHIND ONLINE MOVIE/ PRODUCT RECOMMENDER SYSTEM

- DATE: 3<sup>rd</sup> July 2021
- RESOURCE PERSON: Mr Gopal B. Dhampal Indian Representative, ITCQF and Mr. Dariquisz Drezno, ITCQF Founding Member & Chief Officer
- DESCRIPTION:

The AICTE Activity Point session titled "The Math Behind Online Movie/Product Recommender System" took place on July 3<sup>rd</sup>, 2021. It featured Mr. Gopal B. Dhampal, Indian Representative of ITCQF, and Mr. Dariquisz Drezno, Founding Member & Chief Officer of ITCQF, providing insights into the mathematical principles underpinning online recommendation systems.

### 3) AUTOMATED MACHINE LEARNING

- DATE: 5<sup>th</sup> June 2021
- RESOURCE PERSON: Dr Ching-Hao Lai R &D Manager, Industrial Technology Research Institute, Taipei, Taiwan
- DESCRIPTION:

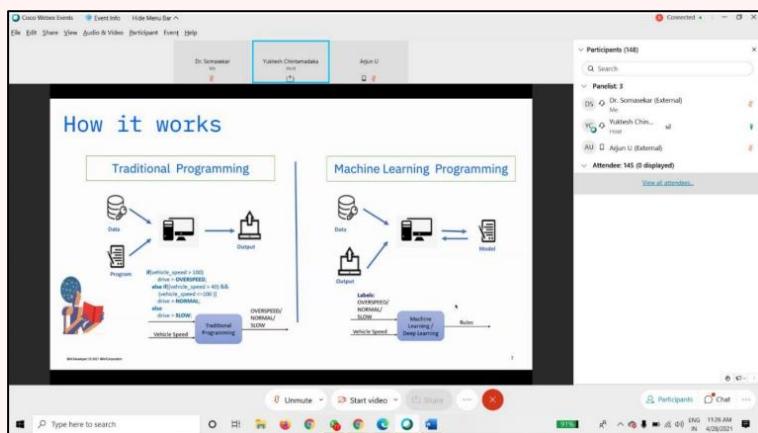
The session on "Automated Machine Learning" occurred on June 5th, 2021, featuring Dr. Ching-Hao Lai, R&D Manager at the Industrial Technology Research Institute, Taipei, Taiwan. Dr. Lai provided expertise on the advancements and applications of automated machine learning techniques.



### 4) WORKSHOP ON "MACHINE LEARNING WITH PYTHON"

- DATE: 28<sup>th</sup> April, 2021
- RESOURCE PERSON: Mr. C. Yuktesh, Developer Advocate & Ecosystem Group, IBM India Pvt. Ltd., Hyderabad.
- DESCRIPTION:

The Department of CSE organized a workshop on "Machine Learning with Python" on April 28th, 2021, attended by students and faculty. Mr. Yuktesh covered topics such as Demystifying DS, AI, ML, DL; Traditional Vs ML Programming; Life Cycle of ML Project; AI Applications; Types of ML; Supervised Learning Algorithms; Why Python; Cloud; IBM Watson Studio, and hands-on Python exercises. The workshop received positive feedback, and E-certificates were issued to all participants.



### 5) AICTE SPONSORED ONLINE STTP ON "CYBER CRIMINOLOGY AND NETWORK SECURITY"

- DATE: 2<sup>nd</sup> November to 19<sup>th</sup> December 2020
- DESCRIPTION:

The AICTE Sponsored Six Days Online STTP on "Cyber Criminology and Network Security," organized by GCEM, featured three phases held from November 2nd to 7th, November 23rd to 28th, and December 14th to 19th, 2020. The program provided comprehensive insights into cyber criminology and network security, equipping participants with valuable knowledge and skills in combating cyber threats.

# FACULTY ACHIEVEMENTS

- Girish M, with registration number 1GD20PCS02 at GCEM under VTU, is conducting research in Machine Learning. Guided by Dr. J Somashekhar, Professor, the study aims to develop an "**Online Recommendation System using Machine Learning.**" This research focuses on leveraging ML techniques to enhance online recommendation systems for improved user experience and personalization.
- Arvind R, registered as 1GD20PCS01 at GCEM under VTU, is pursuing research in Deep Learning. Under the guidance of Dr. J Somashekhar, Professor, the study titled "**Deep Learning of Image Analysis for Diagnosing of CORAN Virus Disease**" aims to develop advanced deep learning algorithms for the accurate and efficient diagnosis of coronavirus diseases through image analysis techniques.
- Dr. J Somasekhar's completion of the sponsored **six-day online STTP on Cyber Criminology and Network Security** from November 23rd to 28th is a testament to his commitment to advancing knowledge in the field. His participation underscores his dedication to staying abreast of cutting-edge developments in cybersecurity, enhancing his expertise to better serve students and contribute to the academic community.
- B Lakshmi Naraya, registered for Ph.D. in 2020 at JJTU, is conducting research in Software Engineering under the guidance of Dr. Shailesh Kumar. The study titled "**Value-Driven Delivery using AGILE software development and Management**" focuses on exploring agile methodologies in the context of software product development.
- Aabha Amey Patel, enrolled in 2021 at JJTU under the supervision of Dr. Shailesh Kumar, is researching "**Leveraging IoT and Blockchain for efficient Rice Donation Management in Orphanages.**" This study aims to enhance the transparency and efficiency of rice donations to orphanages using innovative IoT and blockchain technologies.
- Yogita Pralhad Shewale, registered in 2021 at JJTU under the guidance of Dr. Shailesh Kumar, is working on "**IoT-based Cybersecurity Attack Detection Technique for Smart Cities.**" This research focuses on developing advanced methods to detect and mitigate cyber threats in smart city environments using Internet of Things (IoT) technologies.

# STUDENT ACHIEVEMENTS

- Ms. Vidyashree B (USN: 1GD17CS047) has been recognized as a meritorious student for achieving the highest marks in the Department of Computer Science and Engineering from 2017 to 2021.
- Ms. Sahana Joshi (USN: 1GD17CS039) has been recognized as a meritorious student for securing the second highest marks in the Department of Computer Science and Engineering from 2017 to 2021.
- Ms. Rajitha Mohan (USN: 1GD17CS035) has been honored as the Best Outgoing Student in the Department of Computer Science and Engineering from 2017 to 2021.
- Mr. J Prince Kelvin (USN: 1GD18CS016) has been recognized as a meritorious student for securing the highest marks in the Department of Computer Science and Engineering from 2018 to 2022.
- Ms. Manasi Lenka J (USN: 1GD18CS026) has been recognized as a meritorious student for securing the second highest marks in the Department of Computer Science and Engineering from 2018 to 2022.



# TRAINING AND PLACEMENTS

S.No	Student Name	Enrollment No	Employee Name
1	Harshitha TC	1GC17CS013	TCS
2	Jomya Merlin George	1GC17CS017	Infosys
3	Nithish Kumar U	1GC17CS031	TCS
4	Rifa Khanum R	1GC17CS037	TCS/Technologics
5	Roshini	1GC17CS038	Grifeo
6	Sanjana D	1GC17CS041	Knowwhere Studio
7	Navaneeth Bethur	1GC17CS029	Grifeo
8	Sahana Joshi	1GC17CS039	Grifeo/Fidelity Information systems
9	Bhavya Sardar P	1GC17CS005	Grifeo
10	Mary Shefoli M	1GC17CS027	eclinical solutions/Grifeo
11	Kruthika N M	1GC17CS021	eclinical solutions/Grifeo/Grifeo
12	Nisarga C	1GC17CS030	Grifeo/Ergos
13	shubham Saha	1GC17CS040	Grifeo
14	Rajith Mohan	1GC17CS035	Grifeo
15	Harshvardhan Rao V	1GC17CS014	Qspiders
16	Vijayalakshmi VU	1GC17CS018	Capgemini
17	Vidyashree B	1GC17CS0047	TCS/Ellucian
18	Vishnu A V	1GC17CS0049	Wipro
19	Aravind G	1GD17CS002	Technologics global pvt ltd
20	Deekshitha S	1GD17CS006	Technologics global pvt ltd
21	Gollapudi Venu Kumar	1GD17CS011	Technologics global pvt ltd
22	Tejas S	1GD15CS046	Technologics global pvt ltd
23	Sneha V Tiwari	1GD17CS045	Technologics global pvt ltd
24	Ankith	1GD16CS061	Technologics global pvt ltd
25	Farzan	1GD16CS014	eclinical solutions
26	Narahari Sreeharsha	1GD16CS034	eclinical solutions
27	Yashashwini S	1GD17CS050	eclinical solutions
28	Raksha Era E	1GD17CS036	eclinical solutions
29	Raghavendra Patel	1GD17CS034	Capgemini
30	Likitha Reddy A	1GD17CS024	Capgemini
31	Janet Maria Rose	1GD17CS016	Knowwhere studio



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