



# 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.





**DR. C. PRABHAKAR**

General Secretary, Gopalan  
Foundations

### 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. BASAVARAJU C**

Principal, GCEM

### 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.



**DR. SHAILESH KUMAR**

HOD, CSE

### HOD'S MESSAGE

AS THE HEAD OF CSE, I WANT TO EXPRESS MY ADMIRATION FOR THE CONTINUOUS DEDICATION AND OUTSTANDING CONTRIBUTIONS OF OUR FACULTY, STAFF, AND STUDENTS. YOUR COMMITMENT TO EXCELLENCE IS TRULY SHAPING THE FUTURE OF OUR DEPARTMENT AND MAKING A SIGNIFICANT IMPACT. IN THE COMING MONTHS, LETS CONTINUE FOSTERING A COLLABORATIVE SPIRIT, PUSHING BOUNDARIES IN RESEARCH, AND NURTURING THE INTELLECTUAL CURIOSITY THAT DEFINES OUR CSE DEPARTMENT. TOGETHER, WE CAN ACHIEVE NEW HEIGHTS AND MAKE LASTING CONTRIBUTIONS TO OUR FIELD. THANK YOU FOR BEING AN INTEGRAL PART OF OUR DYNAMIC COMMUNITY.

# 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  
(1GD20CS005)



M DHATHRI REDDY  
(1GD20CS022)



NANDANA SJ  
(1GD20CS029)



SHRUTHI MAHALAKSHMI S  
(1GD20CS042)



TEJASAI MIDAM  
(1GD20CS049)



# WORKSHOPS

## 1) FUNDAMENTALS OF DATA STRUCTURES & ITS APPLICATIONS

- DATE: 5TH NOVEMBER, 2022

- RESOURCE PERSON: DR. A. M. PADMA REDDY

- DESCRIPTION: Dr. A. M. Padma Reddy, a distinguished professor and Vice President of Sai Vidya Institute of Technology, delivered a guest lecture focusing on the fundamental concepts of data structures and their practical applications. Dr. Padma Reddy is a renowned author of numerous textbooks in the field of computer science and engineering.

## 2) WEBINAR ON IMPORTANCE OF INTELLECTUAL PROPERTY RIGHTS (IPR)

- DATE: MARCH 23RD, 2023

- RESOURCE PERSON: RAJITHA T R, PATENT CONSULTANT, INDIAN PATENT AGENT, NIPAM-TIFAC COORDINATOR

- DESCRIPTION: The webinar aimed to highlight the significance of Intellectual Property Rights (IPR) in the field of technology and innovation. It provided insights into the protection of intellectual property and its role in fostering creativity and innovation in the industry.



## 3) IOT HANDS-ON WORKSHOP

- DATE: 1ST AUGUST 2023

- DESCRIPTION: The Department of Computer Science and Engineering organized a one-day hands-on workshop

on "IoT Application Development". The program coordinators for the workshop were Mr. Vinay G and Mr. Lohith C. The workshop aimed to provide students with hands-on experience in developing IoT applications.





**4) INTER-COLLEGE IOT PROJECT EXHIBITION**  
 - DATE: 15TH SEPTEMBER 2023  
 - DESCRIPTION: The Department of Computer Science and Engineering organized an IoT Project Exhibition,

where students from various colleges showcased their innovative IoT projects. The event was attended by Dr. C. Prabhakar, General Secretary, as the Chief Patron. The exhibition aimed to encourage students to innovate, collaborate, and illuminate their ideas.

#### **5) 3RD NATIONAL CONFERENCE ON EMERGING TRENDS IN COMPUTER SCIENCE ENGINEERING AND INFORMATION TECHNOLOGY (NCETCSEIT 2023)**

- DATE: 5TH & 6TH MAY, 2023

- RESOURCE PERSONS:

1. DR. VIJAYAKUMAR VARADARAJAN, ADJUNCT PROFESSOR OF CSE, UNIVERSITY OF NEW SOUTH WALES

2. DR. MURUGANANTHAM PONNUSAMY, DEPUTY REGISTRAR, IIIT

- DESCRIPTION: The conference was conducted to serve as a platform for students, research scholars, and academicians to engage in technical sessions and discussions on the latest trends in computer science engineering and information technology.



#### **6) MOBILE APPLICATION DEVELOPMENT WORKSHOP**

- DATE: 10TH NOVEMBER 2023

- RESOURCE PERSON: MR. CHINMAYA K JOSHI, ANDROID DEVELOPER AT TATA ELXSI

- DESCRIPTION: The Department of Computer Science and Engineering organized an one-day workshop on "Mobile Application

Development Using Android." The workshop was held on the 4th floor of the Engineering Block. The workshop aimed to provide students with hands-on experience in developing mobile applications using Android.

# FACULTY ACHIEVEMENTS

- Mr. Vinay G has published a patent titled "Enhancing Spectrum Sensing in Cognitive Radio Internet of Things with Machine Learning Algorithm," on March 17, 2023.
- Mr. Vinay G, along with Kiran Madhur Chakravarthy, K A Ritvik, Shirish Sai S, and Deerendra Prasad, presented a paper titled "Design and Development of 3D Computer Game" At the National Conference on Emerging Trends in Computer Science & Engineering and Information Technology (NCETCSEIT-2023)
- Shailesh Kumar et. al "Machine Learning Based Intrusion Detection in IoT Network Using MLP and LSTM" International Journal of Intelligent Systems and Applications in Engineering Scopus Vol. 11 No. 7s 210-223 (2023): (<https://ijisae.org/index.php/IJISAE/issue/view/97>) ISSN:-2147-6799 7 July 2023.
- Shailesh Kumar et. al "An Overview of Mental Health Advisor using Deep Learning Model" in the International Conference On Recent Advances in Technology, Engineering, Science, and Management held on 16 & 17 March 2023 organized by Dilkap Research Institute of Engineering and Management Studies, Neral Mumbai, Maharashtra.
- Dr. Shailesh Kumar guided a thesis titled 'ENHANCING SECURITY AND PRIVACY FOR CYBER PHYSICAL SYSTEMS USING INTELLIGENT BLOCKCHAIN DEPLOYMENT' on 18 July, 2023.
- Under the mentorship of Dr. Shailesh Kumar, the initiation into A Framework for Implementing Industry 4.0 in Learning Factories/SMEs in India marks the commencement of an impactful research and academic journey.
- Mr Mallesha has published a paper titled "IoT-based Secured Healthcare using 6G Technology and Deep Learning Techniques," featured in the Journal of Pharmaceutical Negative Results, appearing in Volume 13, Special Issue 09 of 2022,

# STUDENTS ACHIEVEMENTS

- Between November 30 and December 2, 2023, the Gopalan Skill Academy conducted a hackathon. Monitha Lokesh K emerged as a standout performer, securing the Second Prize
- In the "Kannada Quiz" competition organised as part of the 68th Karnataka Rajyotsavacelebrations 2023 Vidyashree B V and Navya M emerged, securing the esteemed First Prize.
- Our college conducted a poster-making competition on International Tiger Day, July 28, 2023, organized by the Civil Department. Among the participants, Vivek Prajapathi secured the first prize with his exceptional poster.
- On June 1, 2023, our college organized a Throw Ball event where several Computer Science Engineering (CSE) students excelled. Nithya Varshini, Nandini, Deepika, Shreesha Rai and Nisarga A (USN: 1GD22CS033) all achieved First Prize in the competition, showcasing the remarkable sporting talent.
- Pranav Jayachandran, a final-year Computer Science student, secured an impressive second place in shotput at "Gardenia 2023" showcasing remarkable strength and precision, his achievement embodying the spirit of determination and excellence in track and field.
- Akash Kumar Sharma, showcased remarkable achievements in two events. On June 10, 2023, he clinched the First Prize in the "RELAY" competition. Furthermore, on June 1, 2023, Akash secured another First Prize, this time in the "CHESS" event.
- On June 1 2023, Nithya Varshini, a student of CSE department, secured the First Prize in the "BADMINTON DOUBLE" event.
- On June 9 2023, several students excelled in the "VOLLEY BALL" event organized by our institute. Akash Kumar Sharma, Vinith Joyappa, Somashekar, Rajgopalan E K, Mohammad Imdad and Mohammad Hasseb all secured the First Prize, showcasing their collective achievement and dominance in the volleyball competition.



# INDUSTRIAL VISITS

During our recent industrial visit, our college students had the privilege of exploring two distinct but equally fascinating facets of industry: the Supa Hydroelectric Power Plant in Dandeli and the Coca-Cola Bottling Industries in Goa.

At the Supa Hydroelectric Power Plant, situated amidst the scenic Western Ghats, students gained firsthand insights into sustainable energy production. The impressive Supa Dam, utilizing the force of the Kali River, exemplifies the marriage of technology and nature. Our tour highlighted the intricate process of converting flowing water into electrical energy, emphasizing the delicate balance between environmental conservation and energy production.

Transitioning to the Coca-Cola Bottling Industries in Goa, students experienced the precision and efficiency characterizing the beverage manufacturing sector. From raw ingredients to finished products, the facility showcased a seamless integration of machinery and human expertise. Engaging with industry professionals, we explored topics such as sustainability initiatives and quality control measures, witnessing the company's commitment to excellence and innovation.

Both visits left an indelible mark, offering valuable insights into the realms of sustainable energy and global-scale beverage production.



# COLLEGE TRIP

Our recent college trip was a three-day escapade filled with cultural immersion and adrenaline-pumping adventures. Departing from Gopalan College, our journey commenced at Murdeshwara, where mornings were marked by temple visits and beach views. The exploration continued in Honnavar with a serene boat ride through mangrove forests and a delightful beachfront lunch. Gokarna greeted us with a tranquil evening stay, a night beach view, and an early morning rendezvous with the mystical Yana Caves. Dandeli, our final destination, unfolded with resort retreats, tantalizing snacks, a communal dinner, and an unforgettable fire camp. The last day brought a whirlwind of activities, from sightseeing to water and dry adventures, before bidding adieu with dinner on the way back to Bangalore.

This journey wasn't just a geographical traverse; it was a collective experience that intertwined cultural discovery with lasting camaraderie. The memories created during this adventure will undoubtedly resonate within our college community, thanks to the collaborative efforts of organizers and participants. Until the next expedition beckons, we carry forward the shared moments and newfound connections forged on this remarkable trip.



# TOPPERS

## TOPPERS OF THE ACADEMIC YEAR 2022-23

### 7TH SEM:

RANK	USN	NAME	SGPA
1	1GD19CS012	HARSHITHA VEMULA	9.45
2	1GD19CS045	SURABHI PRIYA	9.55
3	1GD19CS010	E MONICA SHARON	9.15

### 6TH SEM:

RANK	USN	NAME	SGPA
1	1GD20CS022	M DHATHRI REDDY	8.96
2	1GD20CS009	CHANDANA REDDY	8.95
3	1GD20CS026	MIDHILI ASHOK	8.79

### 4TH SEM:

RANK	USN	NAME	SGPA
1	1GD21CS048	SHAZIYA	9.68
2	1GD21CS032	NAFISHA B	9.55
3	1GD21CS044	RAKSHITHA N	9.36



# PLACEMENTS

S.No	Student Name	Enrollment No	Employee Name
1	Y Fazal Nawaz	1GD19CS052	Intelli paat software solutions pvt ltd
2	Monica Sharon E	1GD19CS010	IBM India pvt ltd/IBM
3	Nishanth Haryharan	1GD19CS036	Subhany Technologies/Tekworks
4	Nathiya C	1GD19CS054	Tekworks/Stratogent/Testyantra Solutions
5	Harshitha Vemula	1GD19CS012	Tekworks
6	Iris Das	1GD19CS013	Tekworks/Testyantra Solutions
7	Sahana S	1GD19CS037	Tekworks/Tap
8	Sunitha D	1GD19CS044	Tap
9	R Krishna Lahari	1GD19CS031	Testyantra Solutions/Workforce Technologies
10	Sana	1GD19CS038	Niveshartha
11	Niveditha	1GD18CS059	Niveshartha
12	Nandini Govind Joshi	1GD19CS057	Subhany Technologies
13	Yaddalapalli Ganesh	1GD19CS053	Subhany Technologies
14	Suryansh Srijan	1GD19CS046	Tekworks
15	Shirish Sai S	1GD19CS041	Tekworks
16	Ajay Yadav	1GD19CS001	Niveshartha
17	Anusha G	1GD19CS004	Stratogent
18	Amarisha	1GD19CS002	Intellipaat Software Solutions
19	Anupriya Singh	1GD19CS055	Stratogent
20	Anusha M	1GD19CS006	Niveshartha
21	Amrutha G	1GD19CS003	Niveshartha
22	Nagarjuna	1GD19CS027	Niveshartha
23	Pragati J	1GD19CS029	Tekworks
24	Rakhee Gupta	1GD19CS033	Tekworks
25	Mullam Vayum	1GD19CS024	Tekworks
26	K A Ritvik	1GD19CS016	Tekworks
27	Karthik S	1GD19CS018	Tekworks
28	Manoj M	1GD19CS022	Tekworks
29	Vidyashree T K	1GD19CS050	Tap
30	Nagameghana Karanam	1GD19CS025	Tap
31	Jaikumar	1GD19CS014	Stratogent
32	Deepika R	1GD19CS008	Stratogent
33	Thejashree L N	1GD19CS047	Stratogent
34	Sanjana Soni	1GD19CS039	Stratogent
35	Vinutha S	1GD19CS051	Stratogent
36	Surbhi Priya	1GD19CS045	Stratogent
37	K Kiran Madhur Chakravarthy	1GD19CS017	Subhany Technologies
38	Mukesh R	1GD19CS023	Subhany Technologies
39	Mamatha Pramod	1GD19CS021	Subhany Technologies
40	Smitha G	1GD19CS043	Epiphany IP Solutions
41	Ramya B G	1GD19CS034	Epiphany IP Solutions
42	Shaik Ahmed	1GD18CS049	Epiphany IP Solutions





Harshita TC  
TCS



Jomya Merlin George  
Infosys



Nitish Kumar U  
Infosys



Rifia Khanum R  
TCS



Vijayalakshmi  
Capgemini



Vishnu  
Wipro



Sai Ganesh  
Cisco



Roshini  
Grifeo

PLACEMENTS 2022-23

