



# CITY ENGINEERING COLLEGE

Affiliated to Visvesvaraya Technological University, Approved by AICTE, New Delhi.

Near Doddakallasandra Metro Station, off Kanakapura Road, Bengaluru - 560061

[www.cityengineeringcollege.ac.in](http://www.cityengineeringcollege.ac.in)



**INNOTECH**



# CITY ENGINEERING COLLEGE

Jayanagar Education Society (R)

## VISION

Making Remarkable Contribution by Disseminating Knowledge on emerging trends in Engineering and Technology through various Programmes to Excel in Quality both at National and International level and to provide Career Guidance & Training for Employment.

## MISSION

- M1**-To Encourage Knowledge Acquisition and Faster Innovation and Research.
- M2**-To Prepare Students for Immediate Employment, leading to Technological and Socio-Economical growth.
- M3**-To Provide Guidance for a productive career under various programmes.

## OUR STORY

City Group of Institutions, established in 2001 by a prominent educationist Dr K R Paramahansa are spread across five campuses in Bengaluru imparting quality education to thousands of students through its Schools, PU Colleges, Engineering Colleges, Commerce and Management Colleges, Faculty of Science and Computer Applications and Research Centres.

The group is committed to offering programs that promotes theoretical, analytical and logical growth of students through selected combinations of general education and skill specific value added programs across verticals to achieve outstanding academic output.

City Engineering College was established under Jayanagar Education Society and located in Vasanhpura, Kanakapura Road, Bengaluru. The Campus has spread out in 12 acres of land with unique style of buildings.

The institution believes in providing high quality education to the prospective professionals of the country for which necessary quality bench marks have been put in place, in the areas of faculty recruitment, development, training & placement, teaching process, student's grooming, external academic audits and feedback system for academic enhancement.

## COURSES OFFERED

- B.E Computer Science & Engineering**
- B.E Artificial Intelligence & Machine Learning**
- B.E Electronics & Communication Engineering**
- B.E Information Science & Engineering**
- B.E Mechanical Engineering**
- B.E Civil Engineering**

## M.Tech Computer Science & Engineering

- RESEARCH CENTRE**
- Computer Science & Engineering**
- Mechanical Engineering**



# Chairman's Message

It's a great pleasure to pen down the message for " INNOTECH " the annual magazine of the **CITY ENGINEERING COLLEGE**.

Engineers play a most vital and important role in the nation building. They create new investment opportunities using best engineering technologies to make human life more comfortable, secure and productive. The knowledge that students gain will imbibe the Technical skills and learning to apply will be the major contributions to parents, to society and to the nation at large.

It gives me great satisfaction that **CITY ENGINEERING COLLEGE** is progressing in all its endeavors towards the overall development and personality of the budding engineers. The college magazine is a platform to reflect the activities of the college and wonderful creativity of thoughts and imagination of our students.

"You don't have to be great to start, but you have to start to be great"

I wish success to CITY ENGINEERING COLLEGE in all endeavors.



Dr. K. R. Paramahamsa - MBA., Ph.D. (USA), D.Litt.

Chairman,

AMC - CITY - BROOKLYN NPS - CAMBRIDGE Institutions



K. Geetha Paramahamsa  
BBA.

Vice Chairperson  
AMC - CITY Group of Institutions



Ms. Monica Kalluri

BBA (Brunel), London,  
MBA- South Bank University, London.  
Corporate Governance - Harvard University

Vice President  
AMC - CITY Group of Institutions



Mr. Rahul Kalluri

B.Engg. - Warwick University - UK.  
M.S. Engg. (Robotics) UCL - London.  
Entrepreneurial Mgmt. - Stanford University, USA.

Executive Vice President  
AMC - CITY Group of Institutions



Dr. Thippeswamy H.N.  
B.E., M.Tech., Ph.D.  
Principal

## Message from Principal

It's a proud moment that we are bringing out our College Magazine "INNOTECH" on the occasion of CHRONICLES, the Annual Day celebration of our Institution. The Magazine is highly informative and successful in showcasing the Technical and Literary talents of our Students & Staff. I thank the Editorial board members and all the individuals who have contributed richly to the contents of this Magazine.

## ADMINISTRATION



**Dr. Jyothi. P**  
Vice Principal and  
HOD Dept of Mathematics



**Dr. P. Rajasekhar**  
Student Welfare & Admission Officer  
HOD Dept. of Chemistry



**Mr. Sathish Hande,**  
Administrative Officer



**Dr. Sowmya**  
Executive officer &  
Alumni Secretary



**Mrs. Shashikala H.C.**  
Head, Placement & Training officer



**Mr. Gopi Kishan J**  
NSS Officer



**Mr. Ramesh B.**  
Youth Red Cross Officer



**Mr. Rangaswamy T**  
Sports Officer



**Mr. Aurobindo Koti**  
University Representative

## EDITORIAL BOARD



**Dr. Thippeswamy H.N**  
Principal



**Dr. Jyothi. P**  
Vice Principal &  
HOD Dept of Mathematics



**Dr. Sowmya**  
Executive Officer &  
Alumni secretary



**Mr. Vinay Kumar S.N**  
Assistant Professor



**Mr. Harshavardhan U.**  
Assistant Professor



**Mr. Vishwakiran R C**  
Assistant Professor



**Mrs. Tejaswini B**  
Assistant Professor



**Dr. Sunitha**  
Assistant Professor



**Mrs. Ambika P R**  
Assistant Professor

## DEPARTMENT OF

# Electronics & Communication Engineering (ECE)



### HOD's Message



#### Dr. Shalini Prasad

B.E., M.Tech, Ph.D., MISTE  
Professor & HOD - ECE

I am delighted to learn that our college is bringing out a magazine for this academic year. It is a nice platform for both the faculty and the students to exhibit their talent. Department has highly qualified and experienced teaching faculties and well equipped laboratories with advance software .The technological forum 'CITRONICS' conducts Inter college project exhibition, various workshops and seminars to bridge the gap between Curriculum and Industry Standards. Department supports the students equally for the co-curricular activities to exhibit their talents. The Department has contributed to the Institutional Accreditation process-NAAC through its quality maintenance.

It is my pleasure to congratulate the team that has taken the initiative for producing this magazine. I sincerely respect and congratulate the Chairman, Principal, the editorial team and the entire management of the college for their unrelenting efforts in compiling this magazine.

### THE FACULTY



Mr. Mallikarguna G S  
Assistant Professor



Mrs. Shylaja K  
Assistant Professor



Mr. Ravindra S  
Assistant Professor



Mr. Aurobindo Koti  
Assistant Professor



Mrs. Madhavi J Kulkarni  
Assistant Professor



Mr. S K L Narayana  
Assistant Professor



Ms. LathaShree  
Assistant Professor



Ms. Sravanthi  
Assistant Professor



Mr. Vishwakiran R C  
Assistant Professor



Mrs. Deepa Mathew K  
Assistant Professor



Mrs. Nanditha H G  
Assistant Professor



Mrs. Sheetal  
Assistant Professor



Ms. Radhika  
Assistant Professor

### Department Activities



Mr. Ranganath S.L.  
Assistant Professor



Department of E & CE organized a Seminar on "Enhancing Resource Efficiency and Observation" on 8th April 2022 from 3.00 pm to 4.30pm in CSE Seminar Hall. Resource person for the Seminar A. Govindaraj is the Principal Consultant at Eco Energime Engineers LLP, Bangalore, Karnataka.





Department of E & CE organized Industrial visit to ISRO- UR Rao Satellite Centre, Bangalore on 25th May 2022 from 11.00am to 12.00pm. 41 students and 3 Faculty accompanied the visit Bangalore, Karnataka.



Department of E & CE organized Industrial visit to HAL Aerospace Museum, Bangalore on 25th May 2022 from 2.30 pm to 4.00 pm. 41 students and 3 Faculty accompanied the visit Bangalore, Karnataka.



Department of E & CE organized 1 day hands on workshop " DIY PCB Design for 2nd and 3rd year UG Students on 5th Jan 2022 coordinated by Prof. Gopikrishan J. 50 students actively participate in the event.

# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (CSE)



## HOD's Message



**Dr. Sowmya**

B.E., M.Tech, Ph.D., MISTE, AMIE  
Professor & HOD - CSE

The Academic performance is an important part of student's life, also co-curricular and extra-curricular activities are required for the all round development of a student. It gives me immense pleasure to be a part of this magazine representing the Department of Computer Science and Engineering.

Consolidation of all activities and achievements in the college and also for each department is done in the magazine I whole heartedly congratulate the editorial team of CEC magazine for their joint effort in bringing out this magazine.

## THE FACULTY



**Dr. Nanda Kumar.H**  
Professor



**Dr. Y.S.Kumaraswamy**  
Professor



**Dr. Venkatesan K G S**  
Professor



**Mr. Vivekavardhana Reddy**  
Assistant Professor



**Mr. Nandish A C**  
Assistant Professor



**Mr. Girish G A**  
Assistant Professor



**Mr. Vinod**  
Assistant Professor



**Mr. Ramesh**  
Assistant Professor



**Mr. Surendranath Gowda**  
Assistant Professor



**Mrs. Punitha**  
Assistant Professor



**Mrs. Shashikala H C**  
Assistant Professor



**Mrs. Shruthi Vijay**  
Assistant Professor



**Mrs. Ambika P R**  
Assistant Professor



**Mrs. Laxmi M C**  
Assistant Professor



**Mrs. Archana Bhat**  
Assistant Professor



**Mrs. Deepika R**  
Assistant Professor



**Mrs. Sriraksha**  
Assistant Professor



**Mrs. Kavyashree**  
Assistant Professor



**Mrs. Manjula S**  
Assistant Professor



**Mrs. G Pushpa**  
Assistant Professor



**Mr. Rakesh**  
Assistant Professor

## STUDENT'S ACTIVITY



## DEPARTMENT ACTIVITIES

- **"ISSUES, OPPORTUNITIES AND CHALLENGES IN IOT"**  
Faculty Development Programme from 21<sup>st</sup> to 25<sup>th</sup> March 2022
- **"CSE SAMBHRAMA"- Cultural Activity** on 29<sup>th</sup> April 2022
- Tech Puzzle for 6th semester students on 22<sup>nd</sup> April, 2022.
- Department Monthly Magazine May- 2022 Since one year.
- Hands on workshop "ETHICAL HACKING AND CYBER SECURITY"



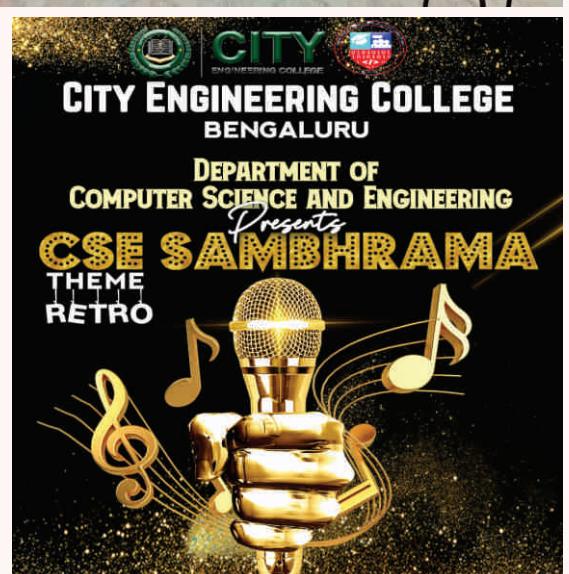
## PAPERS PUBLISHED BY FACULTY

- Dr. Sowmya, Professor and HOD, Dept. of CSE, participated and presented a paper titled "Medkit for Blind" in National E-Conference on Computer Science and Technology Allies in Research (NCCSTAR-2021) at RRIT, Bangalore on 16th and 17th July 2021.
- Dr. Sowmya, Professor and HOD, Dept. of CSE, published a paper titled "A Journey on an Energy Optimizing Technique using FEMTOCELL", in International Journal Of Innovative Research in Computer and Communication Engineering (IJIRCCE) Volume 9, Issue 12, December 2021.
- Prof. Ambika P.R, Assistant Professor, Dept. of CSE, published a paper titled "Optimization of sub-space clustering in a high dimension data using Laplacian graph and machine learning" in International Journal of Bio-informatics Research and Applications, Inderscience Publishers, Vol. 18, No. 1-2, Published Online on March 21, 2022.
- Prof. Ambika P.R, Assistant Professor, Dept. of CSE, published a paper titled "COVID-19 Face Mask Detection and alert system using Machine Learning Techniques" in National E-Conference on Computer Science and Technology Allies in Research (NCCSTAR-2021) at RRIT, Bangalore on 16th and 17th July 2021.
- Prof. Laxmi M.C, Assistant Professor, Dept. of CSE, received acceptance for a Paper titled "AI Based crop exhortation to the cloud", from the International Conference on Computer Science and Technology Allies in Research (ICCSTAR-2022, RRIT, Bangalore will be held on 24th 25th June 2022.
- Prof. Archana Bhat, Assistant Professor, Dept. of CSE, received acceptance for a Paper titled "Superfluous Classification Using Deep Learning", from the International Conference on Computer Science and Technology Allies in Research (ICCSTAR-2022, RRIT, Bangalore will be held on 24th 25th June 2022.

## WORKSHOP ATTENDED

- Dr. Nandakumar, Professor, Dept. of CSE, has Participated and Successfully completed One Week AICTE - VTU Joint Teachers Training Programme on "An Overview of Teaching Techniques in Data Science and Analytics" between 25th & 29th April 2022 Organized by VTU Human Resource Development Centre (VTU - HRDC).
- Dr. Y.S Kumaraswamy, Professor, Dept. of CSE, has participated as "Jury" in conduction of 6th national Level Techno Exhibition-2022 organized by Dr. Ambedkar Institute of Technology, Bangalore.
- Prof. Ambika P.R, Asst. Professor, Dept. of CSE, participated as Resource person for workshop on "ADD on Course - "ML Conf EDU" organized by Dept. of ISE at Don Bosco Institute of Technology on 15/12/2021.
- Prof. Ambika P.R, Asst. Professor, Dept. of CSE, one week online ATAL-FDP entitled "Bare Metal Programming and Real Time Operating System Programming" 13th to 17th Dec, 2021.
- Prof. Ambika P.R, Asst. Professor, Dept. of CSE, 3 days online training on "Microsoft Azure Fundamentals" February 17th to 19th 2022.
- Prof. Archana Bhat, Asst. Professor, Dept. of CSE, Webinar on "Future Technologies" organized by KSCST, held on 2nd May 2022.
- Prof. Archana Bhat, Asst. Professor, Dept. of CSE, 3 days online training on "Microsoft Azure Fundamentals" February 17th to 19th 2022.
- Prof. Shashikala H.C, Asst. Professor, Dept. of CSE, Online Faculty Development Program on "Data Science" IIT Kanpur, EICT, held 3rd June 2021.
- Prof. Shashikala H.C, Asst. Professor, Dept. of CSE, online training on "Microsoft Azure Fundamentals" February 17th to 19th 2022.

# ACTIVITIES



## STUDENT'S ACTIVITY



SHAMANTH MS

# DEPARTMENT OF

# ARTIFICIAL INTELLIGENCE & MACHINE LEARNING



## HOD's Message



**Dr. Vagdevi S**

B.E., M.Tech, Ph.D., MISTE  
Professor & HOD - AI & ML

The adoption of Artificial Intelligence and Machine Learning in India is very promising. A few industries such as Information Technology, Manufacturing, Agriculture, Education, Infrastructure, Healthcare, Transport, Banking, Cyber Security, Entertainment, Hospitality, Medicine and Automobile are leveraging the expertise of AI & ML. But there are still many areas in which its potential is unexplored.

The immense potential of AI & ML is augmented with technologies that include self-improving algorithms, Deep learning , Pattern Recognition, Natural Language Processing , Big Data, and many others. In the next few years, it is predicted that there will hardly be any industry left untouched by this powerful tool. This proves that AI & ML has so much potential and growth all over the globe with good career opportunities and has become essential to be acquired as one of the skills of the century.

## THE FACULTY



**Mr. Jaganath**  
Associate Professor



**Mrs. Purnima S Mittalkod**  
Assistant Professor



**Mrs. Swetha Shree**  
Assistant Professor



**Mrs. Nandini**  
Assistant Professor



Dr. S Vagdevi, delivering a talk on "Information Security"

## PAPERS PUBLISHED

- Dr. Vagdevi, "RCO based Multi Layer IDS in MANETs with Collective Fluctuation Measure in 2021 Design Engineering", pg . 3976-3987.Vol 2021, Issue 8. (SCOPUS)
- Dr. Vagdevi, "APHEC: Attribute Policy Homomorphic Encryption and an Elliptic Curve Cryptography based Attack Classification Model for MANET Security", VOL 2021: ISSUE 09 (SCOPUS)
- Dr. Vagdevi, "Fraud Detection and Challenges in Digital Transactions using Bayesian Optimized Random Forest Classifier", ISSN: 0011-9342 | Year 2021 Issue: 7 | Pages: 14912-14933, Design Engineering
- Dr. Vagdevi, "A Detailed Survey Study on Various Issues and Techniques for Security and Privacy of Healthcare Records". Published in the proceedings of 4<sup>th</sup> International conference on Intelligent Sustainable Systems ( ICISS - 2021), Feb 26-27, 2021, Pg 175 - 181 Sponsored by Springer.

## TECHNICAL ACTIVITIES



# DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING



## HOD's Message



**Dr.Rajsekhar Reddy**

B.E., M.Tech, Ph.D.  
Professor & HOD

Who are innovative thinkers, who want to master the world of technology. Students should have strong mathematical and analytical skills to understand how digital technologies can be used as drivers of innovation. This course is for those who are looking for a cutting-edge exploration of programming, mathematics, and analytics to create the out-of-the-box designs and digital technologies necessary to drive innovation across borders and sectors.

Consolidation of all activities and achievements in the college and also for each department is done in the magazine I whole heartedly congratulate the editorial team of CEC magazine for their joint effort in bringing out this magazine.

## THE FACULTY



Ms. Vinutha  
Assistant Professor



Mrs. Sangeetha Rao  
Assistant Professor



Mrs. Kavyashree  
Assistant Professor



Mr. Vinod  
Assistant Professor



# DEPARTMENT OF MECHANICAL ENGINEERING



**Dr. S. Karunakara,** M.Tech, Ph.D, MISTE,  
Professor & HOD - ME

## HOD's Message

Success is not something that you run into by accident. It takes a lot of preparation and character. There is no substitute for hard work, "The harder you work, the luckier you get."

I feel very proud for recognizing our potential and believing that Our College is delivering a Quality based education and honouring us with NAAC Accreditation.

I appreciate the magazine committee for their willingness to collect the data of various events conducted in different departments and publishing it in the form of college magazine. The college magazine has become an important platform for the students to exhibit their talents. I thank the management for their determined efforts and encouragement in strengthening our City Engineering College.

## THE FACULTY



**Dr. Uma Murthy T.R.**  
Professor



**Mr. Avinash M.**  
Assistant Professor



**Mr. Harshavardhan U.**  
Assistant Professor



**Mr. Vijay Kumar**  
Assistant Professor



**Ms. Shruthi Naik**  
Assistant Professor



**Mr. Sampath H.P.**  
Assistant Professor



**Mr. Raghu C.**  
Assistant Professor



**Mr. Anil Kumar R.**  
Assistant Professor



**Mr. Veeresh Naik**  
Assistant Professor



**Mr. Rakesh Y.D.**  
Assistant Professor



**Mr. Naveen Kumar M.S.**  
Assistant Professor



**Mr. Shivraj**  
Assistant Professor





## PAPERS PUBLISHED BY FACULTY

- V S Ramamurthy, Optimisation of wear performance of Al6061-Zircon particulate composites using Taguchi method, , IJMPERD, Vol. 8, Special Issue 06, October 2018,935-944.
- V S Ramamurthy, Dry Sliding Wear characteristics of Al6061-Zircon particulate Aluminum Metal matrix composites using Taguchi method, JETIR, Vol. 5 Issue 11, Nov 2018.
- V S Ramamurthy, Fabrication and Evaluation of properties of Aluminium alloy-Zirconium silicate particles reinforced metal matrix composites-a review, IJIRSET, Vol. 7 Issue 11, Nov. 2018.
- V S Ramamurthy, Development and characterisation of Al6061-Zirconium dioxide reinforced Particulate composites, IJET, Vol. 7(3..12)128-132 2018.(SCOPUS INDEXED)
- V S Ramamurthy, Synthesis and Evaluation of properties of Heat treated Al6061-Zircon dioxide composites, IJMPERD, ISSN(P):2249-6890,ISSN(E): 2249-8001,Special issue Oct 2018,29-38.
- V S Ramamurthy, Development and Mechanical characterisation of Al6061-Zircon composites, International Journal of Engineering & Technology, Vol. 7 (3.12), 2018. 579-583.(SCOPUS INDEXED).

## PROJECTS UNDER NATIONAL / STATE / PRIVATE FUNDING AGENCIES

| Sl. No. | Name of the Teacher / Principal Investigator | Project Title   | Funding Agency                                     | Total Amount Sanctioned |
|---------|--|---|--|-------------------------|
| 1       | Prof. HARSHA VARDHAN.U                       | DESIGN AND FABRICATION OF SOLAR POWERED TECHNOLOGY FOR AQUATIC WEED CONTROL AND AERATION IN LAKES | KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY | 10000                   |
| 2       | Prof. HARSHA VARDHAN .U                      | DESIGN AND FABRICATION OF SOLAR OPERATED ELECTRIC GARBAGE DUMPER                                  | KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY | 8000                    |
| 3       | Prof. RAKESH .Y D                            | ARDUINO SHADOW HAND   | KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY | 8000                    |
| 4       | Dr UMA .T R                                  | ADVANCE MATERIAL IN GREEN ENERGY  | VGST   | 500000                  |

# DEPARTMENT OF CIVIL ENGINEERING



## HOD's Message



**Dr. Thippeswamy H.N.**

B.E., M.Tech., Ph.D.

Professor & HOD - Civil Engineering

The Civil Engg Department is one among the youngest departments in the college. The department has well established labs and also computer labs as per the new academic requirement, even though the department is young. The department has Civil Engineering Association - RACE - Royal Association of Civil Engineers, under the banner of RACE, the staff and students organize Model Exhibition and Paper Presentation every year. The department is planning to organize a National Conference in the next year. "The department has established Civil Engineering Museum". Here, in our department, the toppers from each semester are honored. We also give importance to the extracurricular activities.

The HOD wants his students "THE BUDDING ENGINEERS" to AIM high, THINK high and WORK hard to achieve their goal. He wants his students to work for their growth, which adds to the growth of the institution and the country. He wants his students to read autobiography of great people and get motivated to become ACHIEVERS in life. He wants his students to be "JOB PROVIDERS NOT JOB SEEKERS". He wants them to be POSITIVE THINKERS and HARD WORKERS.

He wants them to believe in "GRATITUDE IS THE BEST ATTITUDE"

## THE FACULTY



Dr. M. Moleswara Reddy



Mr. Mahesh Kumar M.C.  
Assistant Professor



Mr. Suresh N.  
Assistant Professor



Mrs. Sindushree M.S.  
Assistant Professor



Mr. Vinay Kumar S.N.  
Assistant Professor



Mr. Pavankumar P.N.  
Assistant Professor



Mr. Manjunath  
Assistant Professor



Mrs. Vidhyadhare  
Assistant Professor



Mrs. Vinutha  
Assistant Professor



Mr. Nishant Kumar  
Assistant Professor



Mr. Jayanth Katte  
Assistant Professor



Mr. Guruprasad  
Assistant Professor

- **Dr THIPPESWAMY H N © JAN 2021 | IRE Journals | Volume 4 Issue 7 | ISSN: 2456-8880 IRE 1702567 ICONIC RESEARCH AND ENGINEERING JOURNALS "Traffic Audit Konanakunte Cross Junction on Kanakpura Road to Bannerghatta Road at Gottigere Via Jambusavari Dinne"**
- **Mr. Jayanth K S, Vidyabharati International Interdisciplinary Research Journal (Special Issue) | ISSN 2319-4979  
A STUDY ON ROAD SAFETY AUDIT ON URBAN AND PERI-URBAN ROADS OF BENGALURU.**



**CITY ENGINEERING COLLEGE**  
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Dokkalasandra, off Kanakpura Road,  
Bengaluru - 560 061

**DEPARTMENT OF CIVIL ENGINEERING**  
In association with  
**UNIQUE CONSULTANTS**  
Bengaluru - 560 010

**Weinar**  
on  
'EMPLOYABILITY SKILLS AND COMPETENCIES'  
(with special reference to pandemic situation)

Date: 1<sup>st</sup> June 2021 | Time: 11 A.M. to 12.30 P.M.

**SPEAKER - V. ASWATHA RAMAIAH**

Students & Teaching Staff of more than 70 colleges have attended his Training Programmes  
Has conducted Training Programmes for more than 4,00,000 (4 lakh) employees in over 400 companies (corporate)  
Has authored several books on Life Skills and for Students

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Doddakallasandra, Off Kanakpura Road, Bengaluru - 56

**Department of Civil Engineering**  
organizing Guest lecture on

**ROLE OF BUDDING ENGINEERS IN UNDERSTANDING ENERGY SCENARIO IN INDIA AND AWARENESS OF PROTECTING OUR ENVIRONMENT FROM FURTHER DAMAGE**

Date: 21 - 22 - 2021, Time: 11.30 am  
Venue: Seminar hall, Dept. of Civil Engineering

**Speaker:**  
Dr.K.Narasimha Murthy,  
ME, PhD, F.I.E, MISTE, Morsi, MIWS,  
Professor,  
Department of Mechanical Engineering,  
Atria Institute of Technology,  
Bangalore-560024

**Dr. K R Paramahansa**  
Chairman  
AMC & City group of institutions

**Panel Members:**  
Dr. H N Thippeswamy, Principal & HOD, Dept. Of Civil Engg.  
Mr. Vinaykumar S N, Asst. Prof., Dept. Of Civil Engg.  
Mrs. Vidhyadhare C V, Asst. Prof., Dept. Of Civil Engg.  
Mr. Jayanth K S, Asst. Prof., Dept. Of Civil Engg.  
Mr. Manjunath K I, Asst. Prof., Dept. Of Civil Engg.



Webinar on Employability skills & Competencies on 01-06-2021

Guest Lecture on "role of budding Engineers in Understanding Energy Scenario in India & Awareness of Protecting our Environment from Further Damage" on 21st December 2021



Engineer's Day Celebration on 15<sup>th</sup> September 2021

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**Department of Civil Engineering**  
organizing Guest lecture on

**CONSTRUCTION PROJECTS – PROBLEMS & SOLUTIONS**

Date: 25 - 11 - 2021, Time: 11.00 am  
Venue: Seminar hall, Dept. of Civil Engineering

**Speaker:** Ex. Natarajan K B  
Senior Trainer  
CMTI, 4th Floor, 1771, 7th B Main Road,  
Above Meenakshi Cards,  
Near NMKVK Women's College,  
Jyoti Nagar 1st Block,  
Bangalore 560011, Karnataka

**Dr. K R Paramashri**  
Chairman  
AMC & City group of Institutions

**E-mail Members:**  
Dr. H N Dippavarthy, Principal & HOD, Dept. Of Civil Engg.  
Mr. Vidyasagar S X, Asst. Prof., Dept. Of Civil Engg.  
Mrs. Vidyasagar C V, Asst. Prof., Dept. Of Civil Engg.  
Mr. Jayashri K S, Asst. Prof., Dept. Of Civil Engg.  
Mr. Majiseth K F, Asst. Prof., Dept. Of Civil Engg.



Guest lecture on " Construction Projects - Problems & Solutions " on 25<sup>th</sup> November 2021



Parent - Teacher meeting on 18<sup>th</sup> December 2021



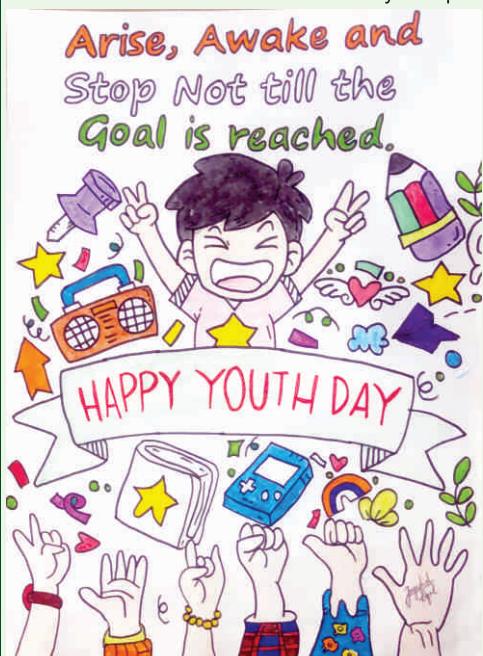
Jal Shakti Abhiyan : Catch The Rain - During April 4<sup>th</sup> to April 13<sup>th</sup> near Thittahalli & Chinnakurchi Village



Seminar on " Advances in Construction Management & Career Opportunities for CIVIL / MECHANICAL Engineering Students " on 18th May 2022



Extensive Survey Camp 04.04.2022 to 14.04.2022



#### Mistake Mistake Mistake

If a BARBER makes a mistake it's a new style,  
If a POLITICIAN makes a mistake its a new law,  
If a SCIENTIST makes a mistake its a new invention,  
If a TAILOR makes a mistake it's a new fashion,  
If a TEACHER makes a mistake its a new theory,  
If a STUDENT makes a mistake its a "MISTAKE"

#### NEW MORNING

NEW AIM  
NEW ACHIEVEMENT  
NEW DETERMINATION  
NEW DREAM  
NEW IDEA  
NEW THINGS

ALL OF SUCCESS HAVE A NICE DAY.....

God created man to work for his food and said that those who do not work are thieves.....Jagadish V



#### Student Power

Subject: In how many days a 100 pages book can be read ?

Writer: 6 Months

Doctor: 9 Months

Lawyer: 1 Month

Student: The night before the exam

THATS THE STUDENT POWER





**Dr. P Rajsekhar,** M.Sc., Ph.D.  
HOD - Dept. of Chemistry &  
Student Welfare & Admission Officer

## DEPARTMENT OF **CHEMISTRY**

### HOD's Message

The department of Science and Humanities came into existence since the inception of CEC 2001, The department aims to providing high quality education to students with the assistance of well qualified, dedicated and highly motivated faculty members. The academic plethora of the department has the necessary infrastructure in terms of laboratory and required equipments that needed for the students to do the experiments. We inculcate research activities in young minds by conducting "Battle of Science" Project exhibition



**Dr. Jyothi P**  
M.Sc., M.Phil., MBA, Ph.D.  
**Vice Principal**

& HOD - Dept. of Mathematics

## DEPARTMENT OF **MATHEMATICS**

### HOD's Message

It is a matter of pride to pen down the message for the College Magazine of City Engineering College. Mathematics is the backbone for knowledge development not only for scientists but also for Engineers. Our focus is to produce Engineers equipped with modern mathematics tools with strong understanding towards real world and engineering problems. The department of Mathematics is considered to be the one of the most vibrant in the Engineering field. The aim of the department is to pursue excellence in Basics of Engineering Mathematics through Applied Mathematics.



**Dr. K. Sujatha**  
M.Sc., Ph.D.  
Professor & HOD - Dept. of Physics

## DEPARTMENT OF **PHYSICS**

### HOD's Message

It gives me an immense pleasure to express my views for the upcoming college magazine. Dept. Of physics is highly focused on imparting quality education to meet challenges of science and technology. It is important engineering students to acquire in depth understanding of science. Engineering regarded as applied science today's science is tomorrow technology. Teaching physics to undergraduate is to equips them with today's scientific so that they can use their training beneficially in their late pursuits. The department plays a vital role in laying strongest foundation so that the student is well equipped to take up carrier opportunity smoothly. I convey my best wishes and good luck to all in their academic endeavour. I appreciate all members who have contributed a lot in bringing up of this magazine.

## OFFICE ADMINISTRATION



Mr. Sathish Hande  
Administrative Officer



Mrs. Vani Pujar  
Office Assistant



Mrs. Shashi R.  
Accountant



Mr. Naveen Kumar M.  
Accounts Assistant



Mr. Shivaswamy  
Office Assistant



Mr. Sachin  
System Admin



Mr. Ragavendra  
System Admin

## System Admin

## THE FACULTY



Dr. Manjula  
Professor



Mr. Nagendra Naik  
Assistant Professor



Mrs. Rekha. R  
Assistant Professor



Mrs. Kalavati  
Assistant Professor



Mr.s Gayathri  
Assistant Professor



Mrs. Gana Priya  
Assistant Professor



Mrs. Reena Patro  
Assistant Professor



Dr. Sunitha  
Associate Professor



Mrs. Anuradha. U  
Assistant Professor



Mrs. Sowmya .P  
Assistant Professor



Mrs. Padma Joshi  
Assistant Professor



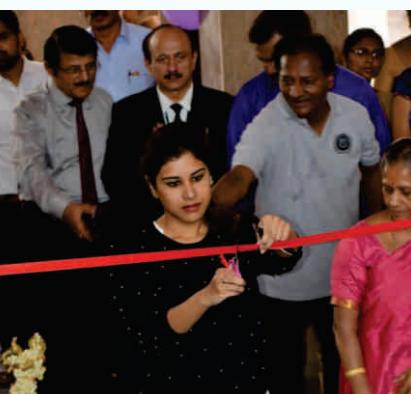
Mrs. Ashwini Hindiholi  
Assistant Professor



Mrs. Nagashree  
Assistant Professor



Mrs. Vanitha G.R  
Assistant Professor



## ACADEMIC ACHIEVERS



Mr. Basavaraj Chandrasekhar Reddy  
(Civil) VTU 8<sup>th</sup> Rank in VTU



Ms. Kalpana, (ISE)  
8<sup>th</sup> Rank in VTU



Ms. Reshma Venkatesh, (CSE)  
9<sup>th</sup> Rank in VTU



Ms. Shruthi, (Civil)  
2<sup>nd</sup> Rank in VTU

## ACHIEVEMENTS IN VTU FEST



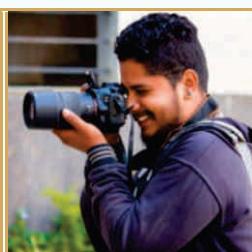
3<sup>rd</sup> prize in Mime in VTU fest



2<sup>nd</sup> prize in Photography in VTU fest



Ms. Ananya  
First Prize in VTU Fest



Mr. Sachin  
National Photography Winner

# DEPARTMENT OF PLACEMENT & TRAINING

## PTO's Message

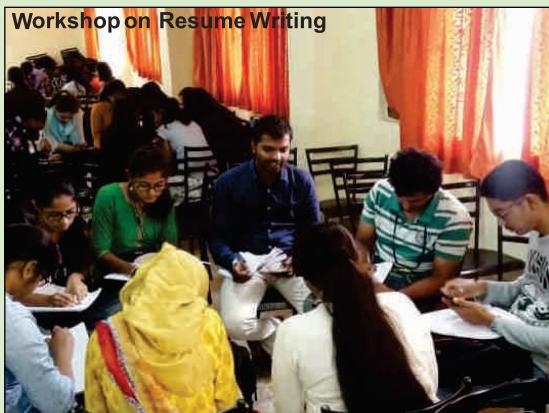


**Mrs. Shashikala . H.C.** M.Tech  
Placement & Training Officer

Mission driven institution of the eminence of City Engineering is "Consolidation and Value Addition Professionally" which is prime mover of all academic and extra-academic pursuits. The centralized Training & Placement Office (TPO) establishes the link between students and prospective employers to facilitate and placement of students as they begin their career after graduation.

City Engineering College has consistently maintained an excellent recruitment record. The graduates and post-graduates of CEC have been recruited by some of the world's leading corporate , besides leading Indian companies like HP, MINDTREE, Anora Semiconductor, ITC Infotech, Nouveau Labs, Value Labs, Cognizant, Lavelle and so on. During this year about 87% eligible students are placed.

Our high quality education and efforts of the TPO office help our students dream big dreams and stay committed to realize them. With great pleasure and honor, we invite industries and corporate house on our campus and our students to take advantage of all TPO activities.



## DEPARTMENT OF LIBRARY



**Mr. B N. Basavaraju**  
Chief Librarian -  
Dept. of Library



**Mrs. Pavitra R S**  
Asst. Librarian -  
Dept. of Library

### Librarian's Message

CEC Library is a resource center for learning, Teaching. Being the heart of the academic it is home for all the information services. The major objective of our library is to provide right information to the student and staff members. The library has over 850 square meters building and 200 seating capacity ,state of art Digital library, E-learning center, discussion room, the reference section, circulation counter, opac search, journals/magazine and newspapers section are made in CEC Library. currently the library holds over 36,000 volumes,6000 titles, database, audiovisual more than 350,CDs and 250 DVDs, E-Books, E-Journals,Project Reports, Course materials and previous all years question papers and we have permanent institution membership like a DELNET, ISTE, Institution of Engineering. The library has become member of VTU Consortium by which our students can access to IEEE Journals, Elsevier Journals and around 9000 Journals.



## NATIONAL SERVICE SCHEME (NSS)



**Mr. Gopi Kishan J**  
NSS Officer

### Message

The Motto of NSS 'NOT ME BUT YOU' has been fulfilled by the NSS unit of CEC. Through NSS, students develop their personality by the growth of this physical, mental, moral, cultural and literary and leadership qualities. NSS always played a vital role in leading the development of Youth. Personality and character development of young students has seen a significant contribution from the NSS. I am sure this magazine shall certainly serve a source of Inspiration and lead the society and the country towards a bright future. Activities conducted under NSS are celebration of National Festivals, Social Welfare activities like Blood Donation Camp, Health Checkup Camp, Eye Checkup, Dental Checkup. Also activities like Tree plantation, youth leadership quality development program, paper crafting program etc, were organised in CEC Campus.



**NSS Wing of CEC**

## NSS & YRC activities 2021- 22

- Celebration of Kannada Rajyotsava on 12/11/2021
- COVID-19 Testing Activity on 08/12/2021
- Programme conducted-Awareness about SAKALA SERVICE On 21/12/2021
- Celebration of National Youth Day and Birth Anniversary of Swami Vivekananda
- Celebration of National Festivals- Republic Day.
- Jal Shakti Abhiyan: Catch the Rain.
- Seminar on Talk On Yoga For Youth.
- Celebration of World Environment Day on 08<sup>th</sup> June 2022
- Blood Donation Camp/Health Check Up on 09<sup>th</sup> June 2022



## Women's Day - 2022



CITY ENGINEERING COLLEGE organized Women's day on 8<sup>th</sup> March 2022 in CSE Seminar Hall. Dr.Thippeswamy, Principal welcomed all lady staff members of City Engineering College and he addressed women staff in connection with International women's day. He explained about the theme of the day ' Gender equality Today for a sustainable tomorrow' and wished everyone for bright future. Administrative Officer Mr.Sathish Hande addressed women group of CEC and explained about the Acts related to women and conducted quiz to the women group. Dr.Vagdevi spoke about the importance of women's day and greeted them on special day. Cultural activities organized on the special day. All the ladies greeted each other and Principal distributed sweets to women staff members.



### Cultural Activities



## Sports Activities



# CEC ALUMNI ASSOCIATION ( CECAA )



## Secretary's Message



**Dr. Sowmya**  
Alumni Secretary

The CEC Alumni Association ® aims to facilitate lifelong learning through the exchange of ideas and knowledge. Alumni pool skills and apply available resources to enhance personal and career development for their members. Regardless of where they are, branches of the CEC Alumni Association across the globe meet on March 4th every year. CEC Alumni Association ® is officially registered as per society act on November 22nd 2018. The Association conducted CSR (Corporate Social Responsibility) Activity by assistant financial support as scholarship programme for meritorious students in academics. The CEC culture has impacted on how actively alumni contribute to their communities. This desire to share knowledge and skills beyond the workplace and family, may very well stem from the many community and philanthropic activities they were exposed to as the students at CEC. The alumni association has successfully been able to channelize resources for a greater good and no community outreach project is ever short of volunteers. We encourage you to stay in touch with us, so that we can provide you with support and benefits for life. That may be through providing you with career support, helping you reconnect with old friends, access to a wide network of fellow alumni and a range of exciting events.

**Stay connected with your alumni network and don't miss out on our regular events or an opportunity to reunite.**



## YOUTH RED CROSS WING



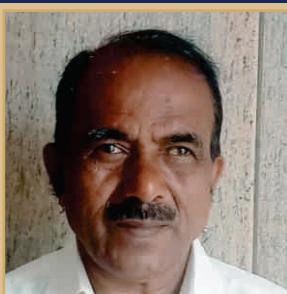
**Mr. Ramesh B**  
Youth Red Cross Officer

## Message

Youth Red Cross unit members are the builders of the nation who take part in bringing the very MOTTO of Red Cross that is, service to society YRC trains to render selfless service to this society. Red Cross Unit promotes the Humanitarian values which encourage respect for the other human beings and a willingness to work together to find solution to problems.



## DEPARTMENT OF SPORTS



**Mr. Rangaswamy**  
Sports Officer



## CULTURAL EVENTS



**CITY  
ENGINEERING COLLEGE**

Affiliated to Visvesvaraya Technological University, Approved by AICTE, New Delhi.

Near Doddakallasandra Metro Station, off Kanakapura Road, Bengaluru - 560061

[www.cityengineeringcollege.ac.in](http://www.cityengineeringcollege.ac.in)

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