



# CITY ENGINEERING COLLEGE



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Department Activities & College Events 2023 -24

LIC 2023

88

### ATAL Sponsored Faculty Development Programs

**ATAL Basic FDP on "BASIC MATHEMATICAL AND STATISTICAL FOUNDATION FOR CYBERNETICS CRIMINAL LAWS AND CYBERSECURITY" conducted from 4th to 9th December 2023**



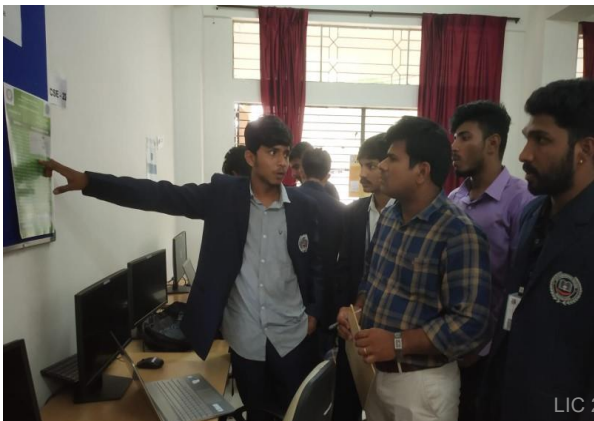
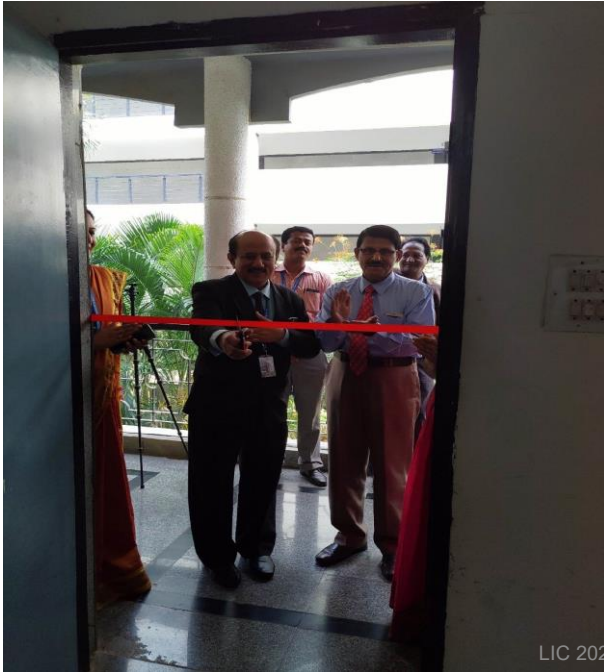
# ATAL Sponsored Faculty Development Programs

Advanced FDP on **“COMPUTATIONAL INTELLIGENCE FOR CYBERNETICS/CRIMINAL LAWS & ITS APPLICATION IN FORENSIC SCIENCE”** 11<sup>th</sup> December to 16<sup>th</sup> December 2023





# CEC Project Exhibition Tech Tarang-2023



LIC 2023

LIC 2023

## Industrial Visit to EXCEL CORP On 13-02-2024



4/9/2024

95



# Industrial Visit to IISC on 24-02-2024



Ministry of Social Justice and Empowerment "NASHA MUKT BHARAT ABHIYAN" on 7-2-2024



**CITY ENGINEERING COLLEGE**  
DODDAKALLASANDRA, KANAKAPURA ROAD,  
BENGALURU 560062  
DEPARTMENT OF  
**COMPUTER SCIENCE AND ENGINEERING**

IN ASSOCIATION WITH  
**ART OF LIVING**

**&  
MINISTRY OF SOCIAL JUSTICE AND EMPOWERMENT**

WE CORDIALLY INVITE YOU ALL FOR THE  
AWARENESS PROGRAM ON

**NASHA MUKT BHARAT ABHIYAAN**

**WEDNESDAY 7 FEBRUARY**  
2024

**VENUE & TIME- CSE SEMINAR HALL, 2.00 PM**

PRESENTED BY,  
**RAMYA RAJSHEKHAR**  
INTERNATIONAL FACULTY, ART OF LIVING

**YASHASWINI M**  
STATE PROGRAM COORDINATOR FOR CHILDREN AND TEENS,  
ART OF LIVING

**SHRUTHI PRAHLAD MANAGOLI**  
YOGA AND MEDITATION TEACHER, ART OF LIVING

**DIVYA THAKUR**  
YOGA AND MEDITATION TEACHER, ART OF LIVING



Guest Lecture on “AI in Agriculture - The Future of farming” on 20-02-2024

**CITY ENGINEERING COLLEGE**  
Organized by Department of Computer Science and Engineering

Guest Lecture on  
**“AI in Agriculture- The Future of Farming”**

**Guest Speaker**



**Dr. Swetha P**  
Associate Professor, Dept. of CSE,  
Global Academy of Technology, Bengaluru.

Date: 20-2-2024 Tuesday  
Time: 11:30AM to 1:30PM  
Venue: CSE Seminar Hall

Scan to Register: 





**Technical SYMPOSIUM SPARDHA 2024 on 22/02/2024**  
“A technical symposium which merges the best of Technology and Entertainment”





# Technical SYMPOSIUM SPARDHA 2023



4/9/2024

100

“BootCamp on Data Analytics by Study Comrade” on 22-11-2023

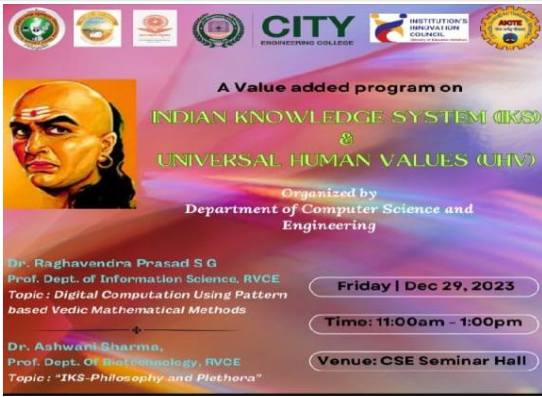



“A TALK ON EMPLOYABILITY, ENTREPRENEURSHIP, STARTUPS & CAREER OPPORTUNITIES” ON 12-12-2023





# “A value added program on IKS and UHV” on 29-12-2023





**A Value added program on**  
**INDIAN KNOWLEDGE SYSTEM (IKS)**  
**&**  
**UNIVERSAL HUMAN VALUES (UHV)**

Organised by  
**Department of Computer Science and Engineering**

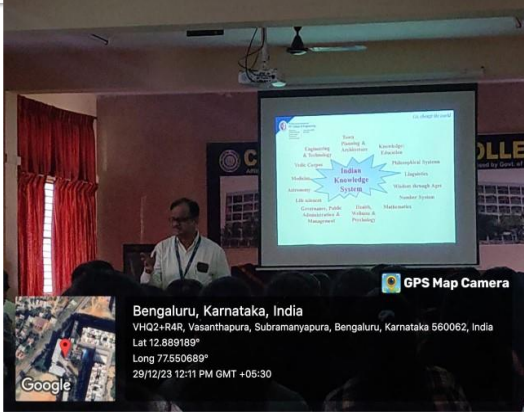
**Dr. Raghavendra Prasad S G**  
 Prof. Dept. of Information Science, RVCE  
 Topic : *Digital Computation Using Pattern based Vedic Mathematical Methods*

**Friday | Dec 29, 2023**

**Time: 11:00am - 1:00pm**

**Dr. Ashwani Sharma,**  
 Prof. Dept. Of Biotechnology, RVCE  
 Topic : *"IKS-Philosophy and Plethora"*

**Venue: CSE Seminar Hall**



**Winter University Program**  
**“Offenburg University Of Applied Sciences Germany”**  
**on 30-10-2023 by T V Saranya**  
Regional Business Head (DADB)



4/9/2024



104

# Amrit kaal Vimarsh Vikasit Bharat@2047 On 26-12-2023

**Invitation**

**AMRIT KAAL VIMARSH VIKSIT BHARAT @ 2047**  
*Investment in Environment Towards a Viksit Bharat @ 2047*

**TIME: 10:30AM**

**Mr. Pravinjith K P**  
 Managing Director, Ecoparadigm, Technical Committee Member BSWML,  
 Head, Regional Facilities, Solid Waste Management for World Bank,  
 Technical Member WASTE TO WEALTH MISSION, Under Office of Principal Scientific Advisor to The Prime MINISTER  
 Dr. K R Paramahansa, MBA, PhD, D Litt      Dr. H N Thippeswamy, PhD

**Chairman**      **Principal**  
 AMC- CITY- CAMBRIDGE- BROOKLYN INSTITUTIONS      City Engineering College  
 Management, Principal & Faculty Members of City Engineering College

4/9/2024



105





# Student – Alumni Interaction on 21-12-2023

 **City engineering college**  
**Student-Alumni Interaction**



**Guest Speaker**



**Ms. Aishwarya S**  
DevOps Engineer  
DXC Technology

**21st DECEMBER 2023**  
10AM - 11AM

**CSE Seminar Hall, CEC**

**Organized by Department of CSE in Association with CEC Alumni Association**



# “Alumni Student Interaction: College to Corporate Transition” on 22-02-2024



**CITY ENGINEERING COLLEGE**  
DODDAKALLASANDRA, KANAKAPURA  
ROAD, BENGALURU 560062

**STUDENT-ALUMNI  
INTERACTION**

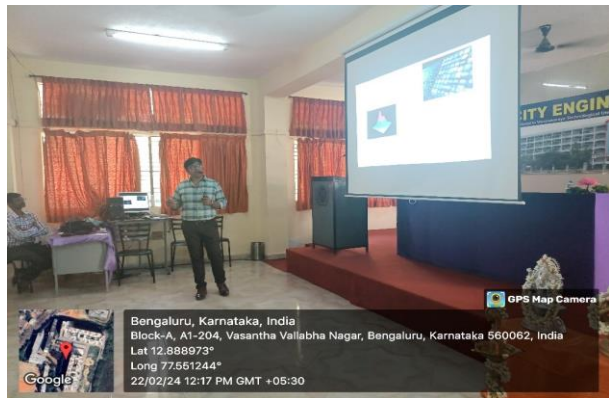
THURSDAY, FEBRUARY 22ND, 2024 | 10.00 AM  
AT  
CSE SEMINAR HALL  
*Guest Speaker*



Project Manager, ACCENTURE Services Pvt. Ltd.

*Organized by*  
Department of CSE  
in Association with  
CEC Alumni Association

4/9/2024





**“Internship Program by  
ColtAssist Pvt Ltd”**  
28-08-2023  
To  
02-09-2023



113

**SDP on “Python Programming” 19th to 21st July 2023**

**CITY ENGINEERING COLLEGE**  
NAAC Accredited, Affiliated to VTU Kanakapura  
Road, Doddakallasandra,  
Bangalore - 560062

3 Days Skill Development  
Program on  
“Python Programming”

Date: 19<sup>th</sup> to 21<sup>st</sup> July 2023

Organized by  
Dept. of CSE/ISE/ AIML

In Association with  
**Mevi Technologies**



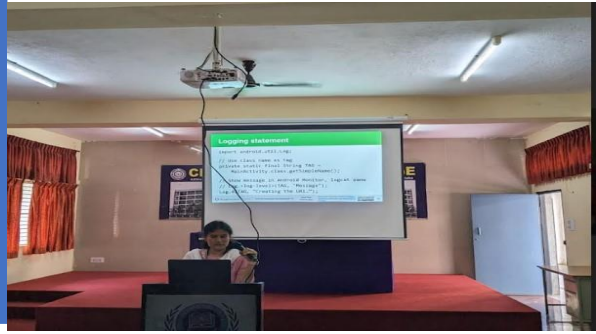
114

Workshop on  
Intellectual Property  
Rights [IPR]  
04/08/2023



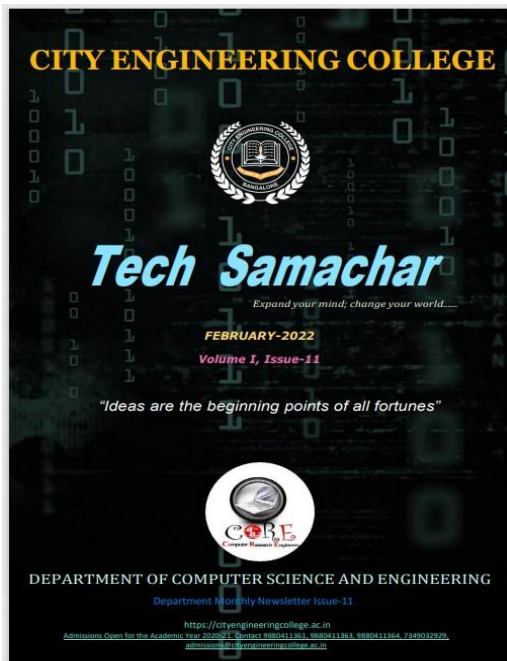


**MOBILE APPLICATION DEVELOPMENT Workshop On**  
on  
04/07/2023

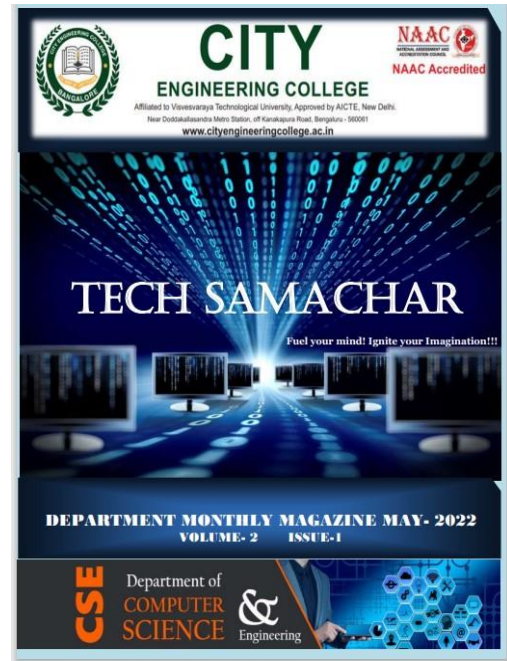


116

**Tech Samachar – CSE DEPARTMENT MONTHLY MAGAZINE**



Tech Samachar-Volume1




Tech Samachar-Volume2

LIC 2023


133






**CITY**  
**ENGINEERING COLLEGE**

Affiliated to Vasaveeraya 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)



**CSE** Department of  
**COMPUTER**  
**SCIENCE** &  
Engineering



**Tech Samachar**  
Volume 2 Issue 1

## CONTENTS

10	Technical Activities
19	Orientation Programme
20	Cultural Activities
21	Parent Teacher Meeting
22	Department Achievements
25	Placements



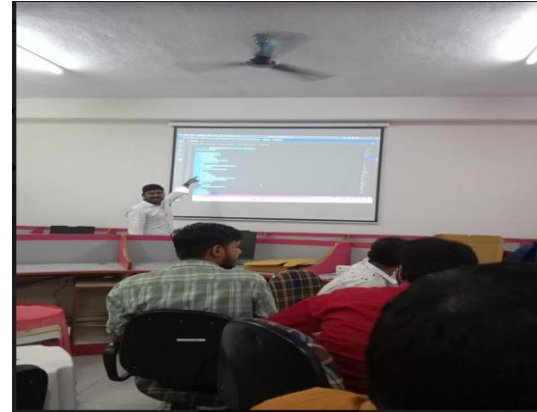
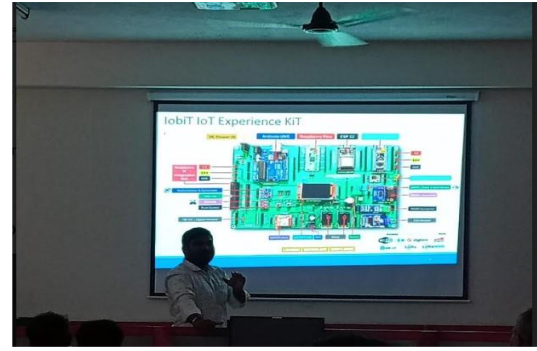
**CITY**  
ENGINEERING COLLEGE



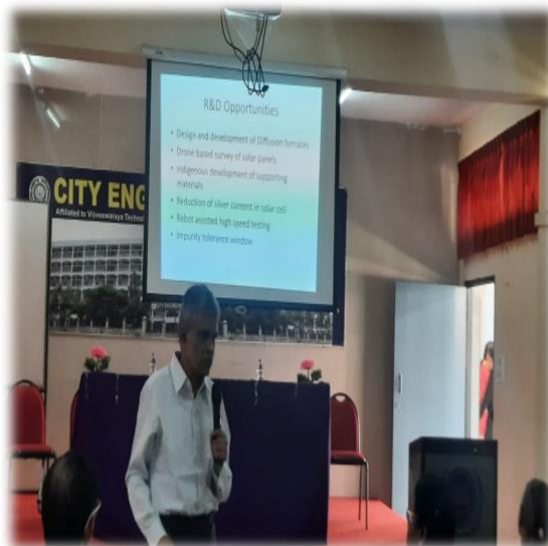
**DEPARTMENT OF  
INFORMATION SCIENCE AND ENGINEERING**

Department Activities & College Events 2023 -24

## IOT lab demo on May 17<sup>th</sup> and 18<sup>th</sup> 2023 by IOBit solutions



**Technical Talk on “Solar Energy – for a sustainable future”**  
by Dr. C Ramchandra, is an expert in Solar Cell Development and having a good knowledge in Semiconductor devices.







**CITY**  
ENGINEERING COLLEGE

## **DEPARTMENT OF AI & ML**

Department Activities & College Events 2023 -24

# KALPITA PRAGNA TINKERING LAB INAUGURATION TWO DAYS WORKSHOP ON BUILD YOUR OWN PROJECT



**ICE BREAKER SESSION WHERE STUDENTS ARE SHOWCASING THEIR CREATIVITY**





## Industrial Visit to Sirena Technologies An AI-assisted Robotics Industry - III & V Sem AIML





# CITY ENGINEERING COLLEGE

## DEPARTMENT OF MECHANICAL ENGINEERING

### Department Activities & College Events 2023 -24

LIC 2023

152

#### INDUSTRIAL VISIT on to "Paras Wire"



4/9/2024

153

## GUEST LECTURE on Environmental protection by Mr. Kumar



4/9/2024

154



**GUEST LECTURE ON “Advances in Construction Management and Career opportunities for Civil / Mechanical Engineering students” by Prof. K.V Prasad**



4/9/2024

155

**Webinar on Electronic fuel Injection” hosted by Wulken motors,**

**Main Components**

- High pressure pump
- High pressure rail
- Solenoid operated injector
- Crankshaft position sensor
- Low pressure pump
- Pressure sensor and a pressure limiter
- Flow limiter
- ECU Electronic Control Unit

**Parameters Sensed**

- Engine speed
- Cam shaft position
- Accelerator pedal position
- Air mass flow
- Turbo air boost pressure
- Fuel rail pressure
- Air temperature
- Coolant temperature
- Exhaust oxygen level

**Timing is everything**

Ignition timing affects many variables including engine longevity, fuel economy, and engine power.

Pressure in cylinder pattern in dependence on ignition timing:

- misfire
- too soon
- Optimal
- too late.

**Attendees**

- SK VG PN
- SG
- GH G
- T RP V
- D AB
- PV PR S
- B MK S



# **CITY**

## **ENGINEERING COLLEGE**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Department Activities & College Events 2023 -24

# A SEMINAR ON “ENHANCING RESOURCE EFFICIENCY AND OBSERVATION”



Eco Energime Engineers LLP

City Engineering College

Quality Audit

Kanakapura Main Road, Bengaluru.

Enhancing Resource Efficiency

Bureau of Energy Efficiency (BEE) Accredited Energy Audit (AEA) Firm

4/9/2024

159

# One Day Hands-on Workshop “DIY PCB Design”



4/9/2024

160



# ACTIVITIES CONDUCTED



161

## Industrial Visit to ISRO – U R Rao Satellite Centre



## Industrial Visit to HAL Aerospace Museum



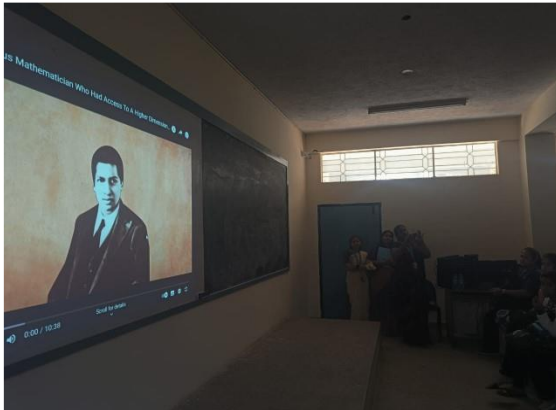
4/9/2024

167

# DEPARTMENT OF APPLIED SCIENCE

## Celebration of Mathematics Week

Department of Applied Science organized film show of Sri Ramanujan , the great Mathematician, in seminar hall on 13/12/2023



4/9/2024

169



# BATTLE OF SCIENCE





**CITY**  
ENGINEERING COLLEGE

## **DEPARTMENT OF CIVIL ENGINEERING**

Department Activities & College Events 2023 -24



**CITY ENGINEERING COLLEGE**  
(Affiliated to VTU, Accredited by NAAC, Approved by AICTE, New Delhi)  
 Chudakalamburda, Off Kanakapura Road, Bengaluru - 56

**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: Er Natarajan K B**  
 Senior Trainer  
 C.M.T.I. 4th Floor, 177/1, 7th B Main Road,  
 Above Mensika Cards,  
 Near NADKAVI Women's College,  
 Jayanagar 3rd Block,  
 Bengaluru 560011 Karnataka

**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.  
**Mr. Vijaykumar C.N.**, Asst. Prof., Dept. Of Civil Engg.  
**Mr. Jayash K.S.**, Asst. Prof., Dept. Of Civil Engg.  
**Mr. Manjunath K.E.**, Asst. Prof., Dept. Of Civil Engg.



4/9/2024

84

**CITY ENGINEERING COLLEGE**  
(Affiliated to VTU, Accredited by NAAC, Approved by AICTE, New Delhi)  
 Chudakalamburda, Off Kanakapura 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 – 11 – 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.  
**Mr. Vijaykumar C.N.**, Asst. Prof., Dept. Of Civil Engg.  
**Mr. Jayash K.S.**, Asst. Prof., Dept. Of Civil Engg.  
**Mr. Manjunath K.E.**, Asst. Prof., Dept. Of Civil Engg.



4/9/2024

85







4/9/2024

86

**CITY ENGINEERING COLLEGE**  
 (Affiliated to VTU, Accredited by NAAC, Approved by AICTE, New Delhi)  
 Doodlakotta Road, Off Kanakapura Road, Bengaluru - 56

**Department of Civil Engineering**  
 In association with  
**NATIONAL SERVICE SCHEME**  
 celebrating

**WORLD ENVIRONMENT DAY – 2023**  
 Date: 05-06-2023, Time: 11:15am

**BEAT THE PLASTICS**  
 (2018-19/2019-20/2020-21)

**Dr. H N Thippeswamy**  
 Principal, City Engg College.

**Dr. K.B. Paramahansa**  
 Chairman  
 AMC & Co-ordinator of Seminars

**Mr. Vinaykumar S.N.**  
 Asst. Prof. Co-Ordinator

**Mr. Gopi Kishan**  
 Asst. Prof. NSS Co-Ordinator



