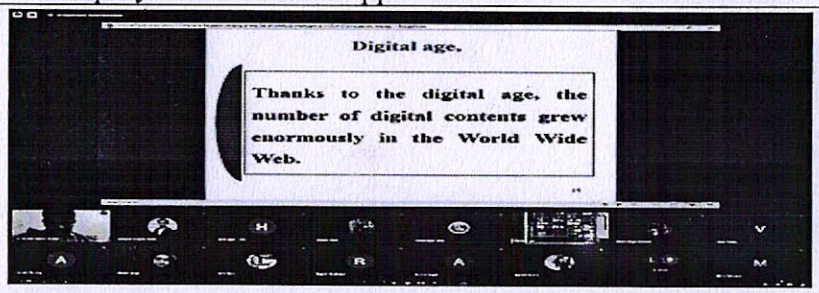
Session 2021-2022

REPORT

Title	Add on course on Block chain
Name of the activity	Add on course
Date	07/03/2022 to 12/03/2022
Venue	Upper Auditorium Chouksey Engineering College
Organized by	Department of Computer Science and Engineering
Resource person	Nilesh Gupta, Chouksey Engineering College
Participated by	122 students
Program Objective	The objective of this course is to provide conceptual understanding of block chain technology and how it can be used in Industry. The course covers the technological underpinning of block Chain operations in both theoretical and practical implementation of solutions using Ethereum.
Program outcome	Understand block chain technology. · Understand Crypto currency · Understand Smart contract · Use Remix IDE · Develop block chain based solutions and write smart contract using Ethereum Framework. · Deploy Decentralized Application



Students during Add on courses on Blockchain from 07/03/2022 to 12/03/2022

Course Coordinator

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CHOUKSEY ENGINEERING COLLEGE
LAL KHADAN, BILASPUR (C.G.)

Head of Department

Session 2021-2022
REPORT

Title	Mobile Application Development using Android
Name of the activity	Add on course
Date	23/08/2021 to 28/08/2021
Venue	Upper Auditorium Chouksey Engineering College
Organized by	Department of Computer Science and Engineering
Resource person	Rajesh R Kuttan, Nabel Technologies
Participated by	118 students
Program Objective	To facilitate students to understand android SDK To help students to gain a basic understanding of Android application development To inculcate working knowledge of Android Studio development tool
Program outcome	At the end of this course, students will be able to: Identify various concepts of mobile programming that make it unique from programming for other platforms, Critique mobile applications on their design pros and cons, Utilize rapid prototyping techniques to design and develop sophisticated mobile interfaces, Program mobile applications for the Android operating system that use basic and advanced phone features, and Deploy applications to the Android marketplace for distribution.

Students during Add on courses on Mobile Application Development using Android from 23/08/2021 to 28/08/2021

Course Coordinator

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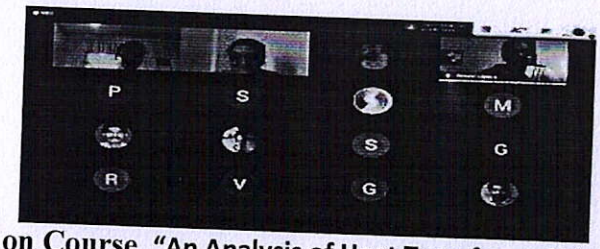
BILASPUR (C.G.)

Head of Department

Session 2021-22

Report

Title	"An Analysis of Heat Transfer and Thermal System in modern era"
Name of the Activity	Add on Course
Date	15/11/2021 to 19/11/2021
vanue	MF-10 ,EMEC Building, CEC Bilaspur (CG)
Organized by	Department of Mechanical Engineering
Resourse Person	Dr. G. K. Agrawal , Associate Professor, GEC Bilaspur
Participated by	89
Program Objective	• The objective of the study on "An Analysis of Heat Transfer and Thermal Systems in the Modern Era" is to examine contemporary advancements, challenges, and applications related to heat transfer and thermal systems. • The program aims to deepen participants' understanding of heat transfer mechanisms, explore modern technologies and methodologies in thermal engineering, and foster insights into current and future trends shaping the field.
Program Outcome	By the end of this study, participants will be able to: 1. **Understand Fundamental Principles of Heat Transfer:** ○ Explain the fundamental principles governing heat transfer mechanisms (conduction, convection, radiation) and their applications in various domains. ○ Analyze heat transfer processes in complex systems and environments. 2. **Explore Advanced Heat Transfer Technologies:** ○ Investigate modern advancements in heat transfer technologies, including nanofluids, microscale heat transfer, and advanced materials for thermal management. ○ Evaluate the potential benefits and limitations of advanced heat transfer techniques.



Participants During Add on Course "An Analysis of Heat Transfer and Thermal System in modern era" from 15/11/2021 to 19/11/2021

Course Coordinator

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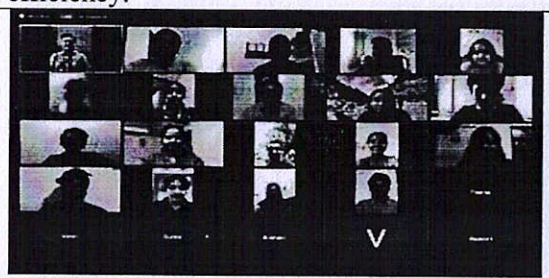
Head of Department

Session 2021-22
Report

Title	**"The Study of Supply Chain Management"**
Name of the Activity	**Add on Course**
Date	**22/02/2022 to 26/02/2022**
venue	Mode - Online
Organized by	**Department of Mechanical Engineering**
Resource Person	**Dr. Mukesh singh MNNIT Allahabad**
Participated by	**84**
Program Objective	• The objective of the study on "The Study of Supply Chain Management" is to provide participants with a comprehensive understanding of the principles, strategies, and practices involved in managing supply chains effectively. • The program aims to equip participants with knowledge and skills necessary to analyze, optimize, and innovate supply chain processes across various industries and global contexts.
Program Outcome	By the end of this study, participants will be able to: **Understand Supply Chain Fundamentals:** • Define the concept of supply chain management (SCM) and its importance in achieving organizational goals. • Explain the key components of a supply chain (procurement, production, distribution, logistics) and their interrelationships. **Analyze Supply Chain Strategies:** • Analyze different supply chain strategies (lean, agile, resilient, etc.) and their applications in different business environments. • Evaluate the strategic alignment of supply chain practices with organizational objectives and market demands. **Optimize Supply Chain Processes:** Identify inefficiencies and bottlenecks in supply chain processes & propose optimization strategies. Implement continuous improvement techniques (e.g., Six Sigma, Kaizen) to enhance supply chain performance and efficiency.



Participants during Add on Course on "The Study of Supply Chain Management" from 22/02/2022 to 26/02/2022

Course Coordinator

Head of Department

Website: www.cecbsp.in

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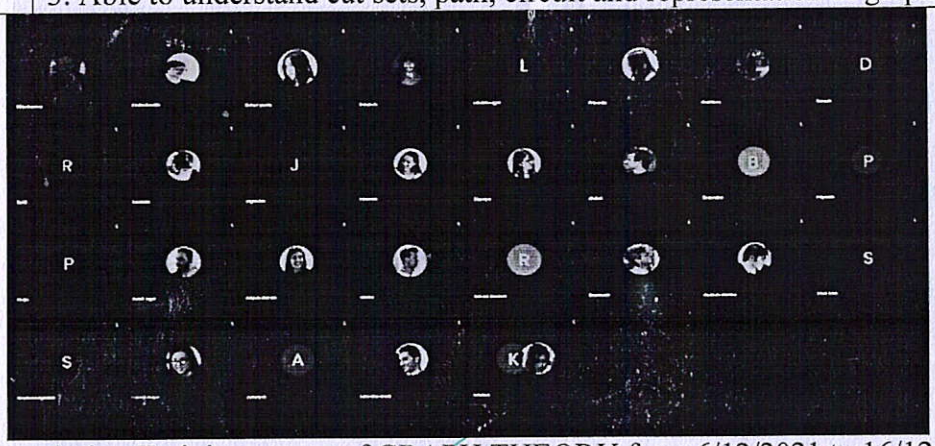
Session 2021-22

REPORT

Title	Training course of GRAPH THEORY
Name of the activity	Add on course
Date	6/12/2021 to 16/12/2021
Venue	Room no. G9, Chouksey Engineering College
Organized by	Department of Mathematics
Resource person	Prof Kailash Kumar Kakkad, Assistant Professor, Chouksey Engineering College
Participated by	100 students
Program Objective	1. Students will achieve command of the fundamental definitions and concepts of graph theory. 2. Students will understand and apply the core theorems and algorithms, generating examples as needed, and asking the next natural question. 3. Students will achieve proficiency in writing proofs, including those using basic graph theory proof techniques such as bijections, minimal counterexamples, and loaded induction. 4. Students will work on clearly expressing mathematical arguments, in discussions and in their writing .
Program outcome	1. Able to define the basic concepts of graphs ,directed graph and weighted Graphs. 2. Able to define the properties of bi-partite graphs, particularly in trees. 3. Able to understand cut sets, path, circuit and representation of graph.



Students during Training course of GRAPH THEORY from 6/12/2021 to 16/12/2021

K. Kakkad
Course Coordinator

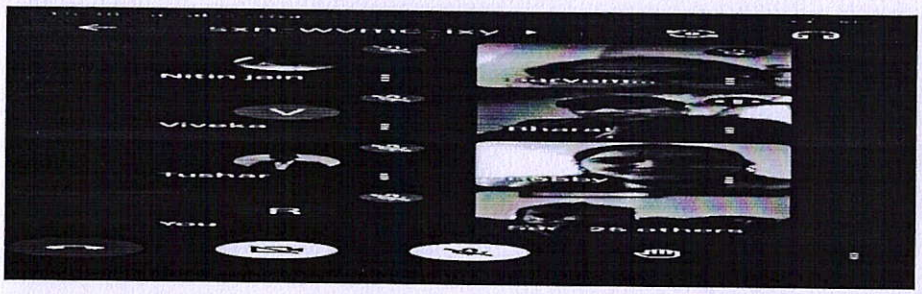
PRINCIPAL
CHOUKSEY ENGINEERING COLLEGE
LAL KHADAN, BILASPUR (C.G.)

Head of Department

Session 2021-22

REPORT

Title	Basic & Advance MATLAB
Name of the activity	Add on course
Date	15/11/2021 to 26/11/2021
Venue	Online Mode: Google Meet
Organized by	Department of Electronics & Telecommunication Engineering
Resource person	Prof Karan Singh Assistant Professor, Chouksey Engineering College
Participated by	26 students
Program Objective	1) Familiarize participants with the MATLAB environment, including its basic operations &programming. 2) Teach participants about toolboxes of MATLAB 3) Enable participants to write and execute programs of MATLAB & able to simulate in Simulink.
Program outcome	1)Proficiency in MATLAB programming 2)ability to use different functions & tool boxes of MATLAB 3)Ability to simulate a sytem using SIMULINK.



Students during Add on courses on Basic & Advance Matlab from 15/11/2021 to 26/11/2021

Course Coordinator

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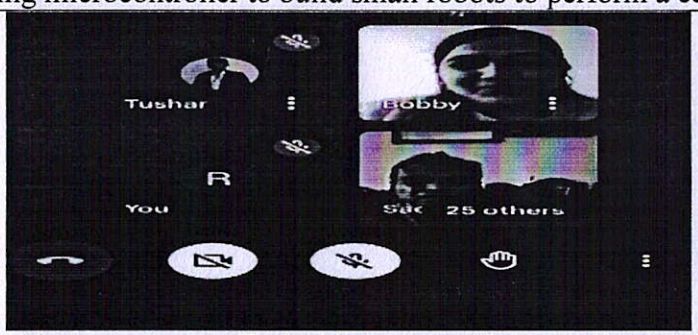
Session 2021-22

REPORT

Title	Embedded system & its application in Robotics
Name of the activity	Add on course
Date	9/03/2022 to 19/03/2022
Venue	Online Mode: Google Meet
Organized by	Department of Electronics & Telecommunication Engineering
Resource person	Prof A N Sarvamangala Assistant Professor, Chouksey Engineering College
Participated by	26 students
Program Objective	1)Familiarize participants with the Embedded environment, including its interface, programming, and basic operations. 2) Teach participants about basic of Robotics, its application and advantages. 3) Enable participants to write and execute programs of Embedded sytem that are applied in the field of Robotics.
Program outcome	1)Proficiency in microcontroller programming 2)ability to interface Embedded system with various sensor and system 3) Using microcontroller to build small robots to perform a certain task



Students during Add on courses on Embedded system & its application in Robotics from 9/03/2022 to 19/03/2022

Course Coordinator

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Session 2021-22

REPORT

Title	"Walk Lake and Talk lake" - I
Name of the activity	Five day Water Management "Walk Lake and Talk lake" organized by Department of Civil Engineering.
Date	18/04/2022 -22/04/2022
Venue	MS-10, EMEC Building, Chouksey Engineering College
Organized by	Department of Civil Engineering
Resource person	Manse Bal Bhargava
Participated by	104 students.
Program Objective	The primary objective of the Five-Days Water Management Workshop on "Walk Lake and Talk Lake" is to raise awareness and foster understanding about the importance of sustainable water management practices, with a particular focus on lakes. Through a combination of interactive sessions, field visits, and expert presentations, the workshop aims to achieve the following objectives: 1. Educate Participants: Provide participants with a comprehensive understanding of the ecological significance of lakes, their role in water conservation, and the challenges facing them due to various anthropogenic activities. 2. Promote Best Practices: Share knowledge about best practices and innovative techniques for lake conservation, restoration, and management, including water quality monitoring, habitat preservation, and community engagement strategies. 3. Encourage Stakeholder Collaboration: Facilitate networking and collaboration among various stakeholders, including government agencies, non-profit organizations, academia, and local communities, to collectively address water management challenges and implement sustainable solutions. 4. Inspire Action: Motivate participants to take proactive measures in their respective roles and communities to protect and preserve lakes, thereby contributing to the overall health of the environment and ensuring the availability of clean water resources for future generations. 5. Enhance Skills and Capacity: Equip participants with practical skills and tools necessary for effective water management, including data collection techniques, risk assessment methods, and stakeholder engagement approaches.
Program outcome	1) **Enhanced Connection with Nature:** 2) **Improved Mental Health:** 3) **Increased Awareness of Environmental Issues.** 4) **Promotion of Outdoor Activities:**

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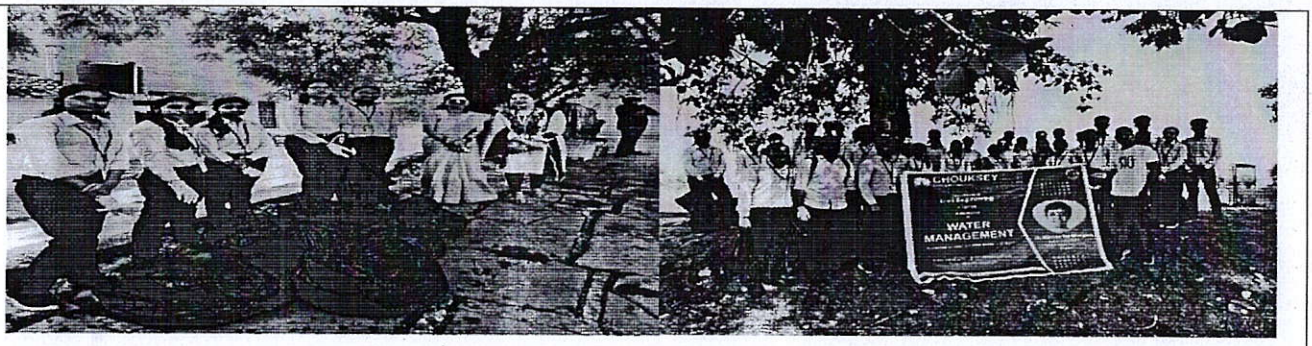
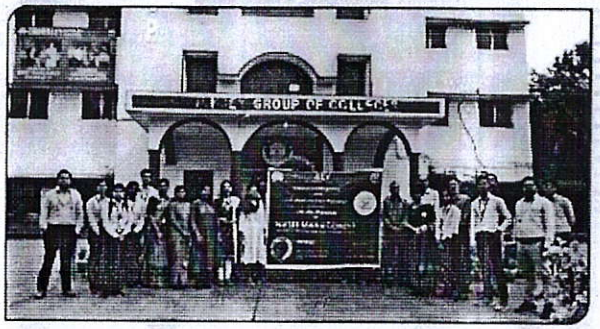


CHOUKSEY GROUP OF COLLEGES
B.TECH, M.TECH, MBA, PHARMACY, B.COM, B.SC, PGDCA, BA, BBMS
22 YEARS

One day workshop on
Walk Lake and Talk Lake
organized by Department of Civil Engineering



CHOUKSEY GROUP OF COLLEGES
B.TECH, M.TECH, MBA, PHARMACY, B.COM, B.SC, PGDCA, BA, BBMS
22 YEARS

One day workshop on
Walk Lake and Talk Lake
organized by Department of Civil Engineering

Course Coordinator

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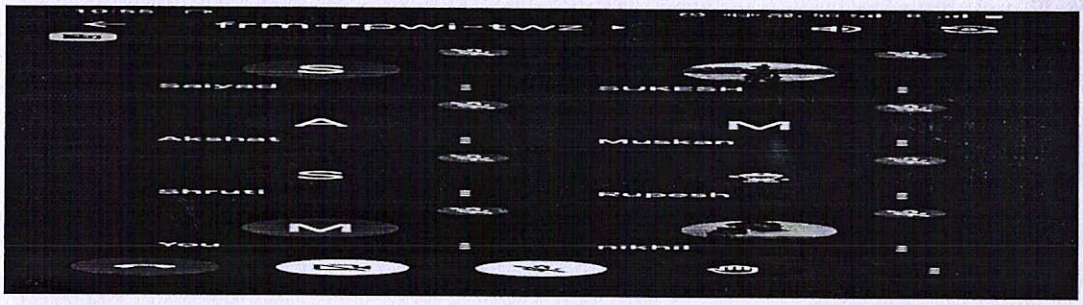
Head of Department

Session 2021-22

REPORT

Title	**MATLAB with GUI Simulation**
Name of the activity	Add on course
Date	8/02/2021 to 18/02/2021
Venue	CAD/CAM Lab,EMEC Building, Chouksey Engineering College
Organized by	Department of Electrical & Electronics Engineering
Resource person	Prof Mohini Moitra, Assistant Professor, Chouksey Engineering College
Participated by	52 students
Program Objective	To provide users with an interactive, user-friendly interface for entering data, controlling simulation parameters, and visualizing results dynamically, leveraging MATLAB's computational power for accurate and real-time simulations. This integration facilitates efficient data input, robust visualization, and seamless interaction between the user and complex mathematical models.
Program outcome	To efficiently conduct and visualize complex simulations through an intuitive interface, enhancing their ability to interact with and interpret simulation results in real-time. This leads to improved user experience, streamlined data input/output processes, and more effective analysis of computational models.



Attendees during "MATLAB with GUI Simulation" from 8/2/2021 to 18/02/2021

Course Coordinator

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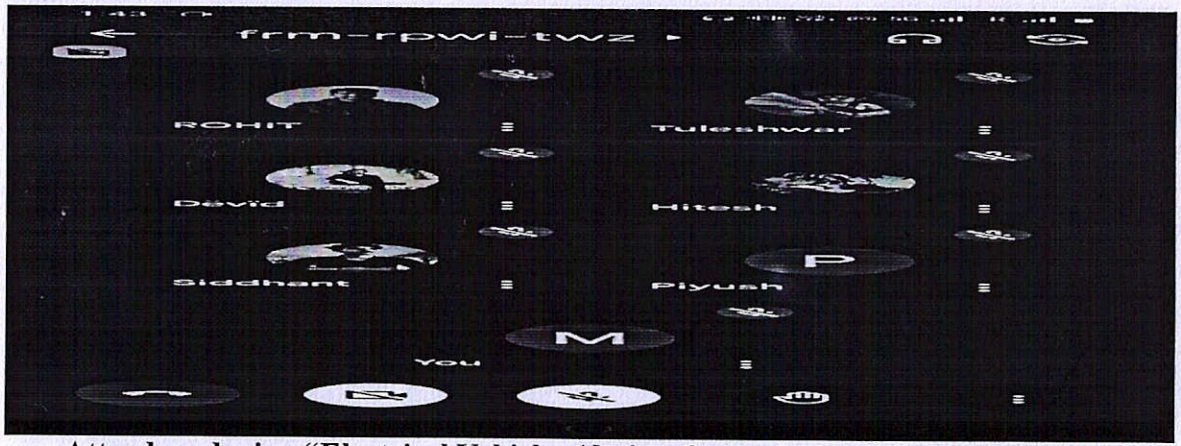
Head of Department

Session 2021-22

REPORT

Title	**Electrical Vehicles (design & simulation)**
Name of the activity	Add on course
Date	14/03/2022 to 24/03/2022
Venue	MS-10,EMEC Building, Chouksey Engineering College
Organized by	Department of Electrical & Electronics Engineering
Resource person	Prof Arun Kumar Jain, Associate Professor, Chouksey Engineering College
Participated by	55 students
Program Objective	To deliver and discuss about architecture ,power electronics based drive control system ,battery management system and grid integration issues of Electric and hybrid vehicles.
Program outcome	1. Understand the working of different configurations of electric vehicles, and its components. 2. Apply the concepts for Electric Vehicles.



Attendees during "Electrical Vehicles (design & simulation)" from 14/03/2022 to 24/03/2022

Course Coordinator

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