



“THE BYTE”

Bringing You Tech & Excellence

THE NEWSLETTER THE PULSE OF FUTURE TECH



VOLUME 3, ISSUE 2
JULY-DECEMBER 2024

Department of

COMPUTER SCIENCE AND ENGINEERING

CHOUKSEY ENGINEERING COLLEGE, BILASPUR (CG)

FROM THE DESK OF MANAGING DIRECTOR



DR. ASHISH JAISWAL

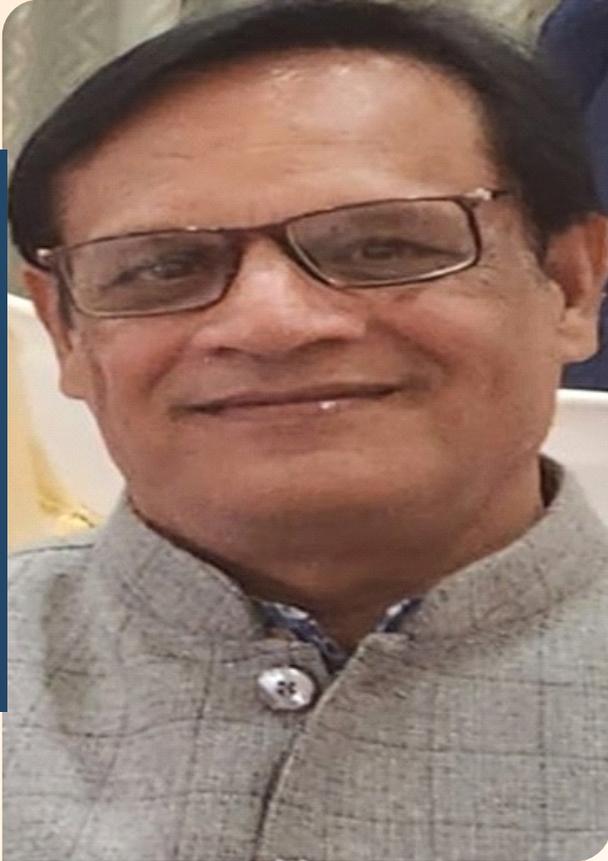
Managing Director,
Chouksey Engineering College,
Bilaspur

As we unveil another edition of The Byte, I am filled with pride at the way the Department of Computer Science and Engineering continues to grow and inspire. This newsletter is more than a record; it is a testimony to the collective vision, determination, and progress of our faculty and students.

I am delighted to see our students and faculty aligning themselves with these global trends, equipping themselves with skills that will make them leaders of tomorrow. The variety of academic and co-curricular activities documented here reflects the holistic development of our learners.

I congratulate the editorial team for curating this edition so thoughtfully and encourage everyone to continue nurturing the culture of innovation and excellence. Let The Byte remain a source of inspiration for all who read it.

FROM THE DESK OF PRINCIPAL



DR. K. C. MAHAJAN

Principal
Chouksey Engineering College, Bilaspur

I am delighted to extend my warm greetings to all readers of “The Byte.” This newsletter continues to serve as an inspiring platform that reflects the academic excellence, innovative spirit, and vibrant culture of the Department of Computer Science and Engineering.

Education today goes beyond understanding concepts—it is about applying knowledge creatively and purposefully to make a meaningful impact. Through this initiative, our students not only showcase their talents but also cultivate the ability to communicate ideas, share knowledge, and inspire their peers—skills that are just as vital as technical expertise.

I wholeheartedly appreciate the consistent efforts of the CSE Department in bringing out this publication and congratulate the editorial team for their dedication. I encourage all students and faculty to continue striving for excellence, embracing innovation, and nurturing a mindset of continuous learning. Together, let us keep the spirit of “The Byte” alive as a beacon of creativity and collaboration.

FROM THE DESK OF HEAD OF DEPARTMENT



DR. SHANU K RAKESH

Head of Department (HOD)

Computer Science & Engineering

Chouksey Engineering College, Bilaspur

It gives me immense pleasure to present this new edition of “The Byte”, the official newsletter of the Department of Computer Science and Engineering. This publication is not merely a record of events—it is a reflection of our collective journey, capturing the spirit of innovation, dedication, and achievement that defines our department.

Over the past months, the department has continued to uphold its tradition of excellence through a diverse range of academic and co-curricular activities, including industrial visits, project presentations, NPTEL certifications, technical workshops, the Internal Smart India Hackathon, and impactful research initiatives. Our campus life has also flourished with vibrant celebrations such as Saawan Somwar, Independence Day, Garba Night, Teacher's Day, and Children's Day, fostering unity and cultural engagement among students and faculty alike.

Our students have consistently demonstrated exceptional creativity, technical competence, and innovative thinking, while our dedicated faculty members have remained committed to mentoring, guiding, and inspiring them toward holistic growth. Together, we continue to navigate the dynamic landscape of computer science—where learning, technology, and ideas evolve continuously.

I extend my heartfelt appreciation to the editorial team, contributors, and everyone who played a role in bringing this edition to life. I encourage all readers to explore these pages with curiosity and enthusiasm—and to find inspiration to learn, innovate, and excel.

“In the world of computer science, imagination is the most powerful algorithm.”

EDITORIAL COMMITTEE

FACULTY COORDINATOR



Chief Editor

DR. SHANU K RAKESH
(HOD, CSE)



Editor

MS. NEHA PATNAIK

STUDENT COORDINATOR



Editor

ANWESH SINGH



Co-Editor

B. JYOTSNA

CHOUKSEY ENGINEERING COLLEGE, BILASPUR

VISION AND MISSION OF THE INSTITUTE

VISION

To be a leading technical institute of National and International repute, providing quality education and to produce technically competent, ethical and socially responsible professionals

MISSION

- ◆ To provide students with the best possible inputs through faculty, infrastructural facilities and opportunities by the best available means.
- ◆ To produce best engineers and managers with the sense of duty to humanity and a commitment to their society and country.
- ◆ Producing technically skilled manpower to meet the unique needs of industries that forge new paths, develop new products and come up with innovative solutions
- ◆ To prepare students to be eligible for placement in PSUs/Government Sectors/MNCs/Private Sectors.

DEPARTMENT COMPUTER SCIENCE AND ENGINEERING

VISION AND MISSION OF THE DEPARTMENT

VISION

To emerge as a centre of excellence in the field of Computer Science and Engineering education, and to produce technically competent, socially responsible professionals to cater the needs of industry and society.

MISSION

- ◆ To provide best possible educational facilities for teaching & learning process to computer science and engineering students for building a promising career.
- ◆ To produce best Computer Science Engineers with personal and professional skills and responsibilities to cater the needs of Industry, Government and Society.
- ◆ To create ambient environment in which core competency in the field of computer science & engineering along with research can be enhanced.
- ◆ To strengthen and mould students in professional, ethical, social and environmental dimensions by encouraging participation in co-curricular and extracurricular activities.

ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering (CSE) at Chouksey Engineering College, Bilaspur, established in 2001, is one of the earliest and most dynamic CSE departments in the district. Over the years, it has grown into a hub of innovation, creativity, and technical excellence, integrating the fields of Computer Engineering and Computer Science to prepare students for the ever-evolving technology landscape.

With a vision to produce globally competent professionals, the department offers B.Tech and M.Tech programs in Computer Science & Engineering, enabling students to specialize in cutting-edge areas such as software development, artificial intelligence, data science, cybersecurity, and other emerging technologies. With its interdisciplinary nature and global relevance, the CSE discipline equips graduates to become leaders of Industry 4.0 and beyond.

Guided by a strong team of experienced faculty with rich industry and research backgrounds, and supported by state-of-the-art laboratories and a research-driven environment, the department emphasizes holistic student development. Students are actively engaged in projects, hackathons, workshops, industrial training, off-campus selection programs, and community-driven initiatives, ensuring a seamless connection between classroom learning and real-world applications.

The department attracts high-quality students from across Central India and maintains an impressive placement record. Many graduates have joined leading IT companies, or pursued higher education from top IITs and NITs, launched startups, reflecting the department's commitment to academic excellence and lifelong learning.

Our curriculum is designed with flexibility for advanced specializations, encouraging students to explore diverse domains through a wide range of research projects, internships, and industry collaborations. In addition to imparting effective education and enhancing the teaching-learning process, the department also focuses on the overall personality development of students, fostering confidence, leadership, and innovation.

Fully equipped to meet the dynamic challenges of the 21st century, the Department of Computer Science & Engineering continues to play a key role in shaping modern education by providing unique opportunities at the forefront of computer engineering and its applications.



ARTICLE BY FACULTY

PROF. VINOD KHARSAN

Training Placement Officer,
Chouksey Engineering College, Bilaspur
Lal Khadan, Bilaspur. (C.G.)

NURTURING WELL-BEING: TIPS FOR STUDENTS TO ENHANCE MENTAL HEALTH

As students navigate the demanding world of academics, extracurricular activities, and personal growth, it's crucial to prioritize mental health. A balanced and healthy mind is essential for success, and taking steps to promote mental well-being can make a significant difference. Here, we offer valuable tips for students to enhance their mental health and well-being.

1. Manage Stress:

Stress is a natural part of student life, but it's essential to manage it effectively. Prioritize tasks, create to-do lists, and break down complex assignments into manageable parts. Practice relaxation techniques like deep breathing, meditation, or yoga to reduce stress.

2. Maintain a Healthy Lifestyle:

A balanced diet, regular exercise, and adequate sleep are the foundation of good mental health. Eat nutritious meals, engage in physical activity, and aim for 7-9 hours of sleep each night. A healthy body supports a healthy mind.

3. Seek Support Don't be afraid to seek help when needed:

: Reach out to friends, family, or counselors to share your thoughts and feelings. Universities and colleges often offer counseling services, which can be a valuable resource during challenging times.

4. Establish Boundaries:

Setting boundaries is essential for maintaining mental health. Learn to say no when you're feeling overwhelmed and prioritize self-care. Ensure you allocate time for relaxation, hobbies, and leisure activities.

5. Connect and Build Relationships:

: Human connections are vital for mental health. Nurture meaningful relationships with friends and loved ones. Social support can be a significant source of emotional well-being.

6. Manage Time Effectively:

Time management is key to reducing stress. Create a schedule that allocates time for studying, socializing, and personal relaxation. Stick to the schedule as closely as possible to avoid last-minute rushes and anxiety.

7. Stay Organized:

A cluttered physical and digital environment can lead to mental clutter. Keep your workspace and digital files organized to reduce stress and improve focus.

8. Practice Mindfulness:

Mindfulness techniques, such as meditation and deep breathing exercises, can help you stay present and reduce anxiety. Regular mindfulness practice can improve your overall mental well-being.

9. Set Realistic Goals

: While ambition is commendable, setting realistic and achievable goals is crucial. Unrealistic expectations can lead to disappointment and increased stress. Break down your goals into manageable steps.

10. Embrace Failure as a Learning Opportunity:

Failure is a part of life, and it's essential to view it as a chance to learn and grow. Don't be too hard on yourself when things don't go as planned. Mistakes are opportunities for improvement.

11. Stay Informed About Mental Health:

: Understanding the basics of mental health can help you recognize signs of distress, both in yourself and in your peers. Be aware of available resources and support systems.

12. Celebrate Achievements:

Acknowledge your accomplishments, no matter how small they may seem. Celebrate your successes to boost self-esteem and motivation.

13. Engage in Hobbies and Interests:

: Pursue hobbies and activities that bring you joy and relaxation. These interests can serve as an emotional outlet and help you unwind.

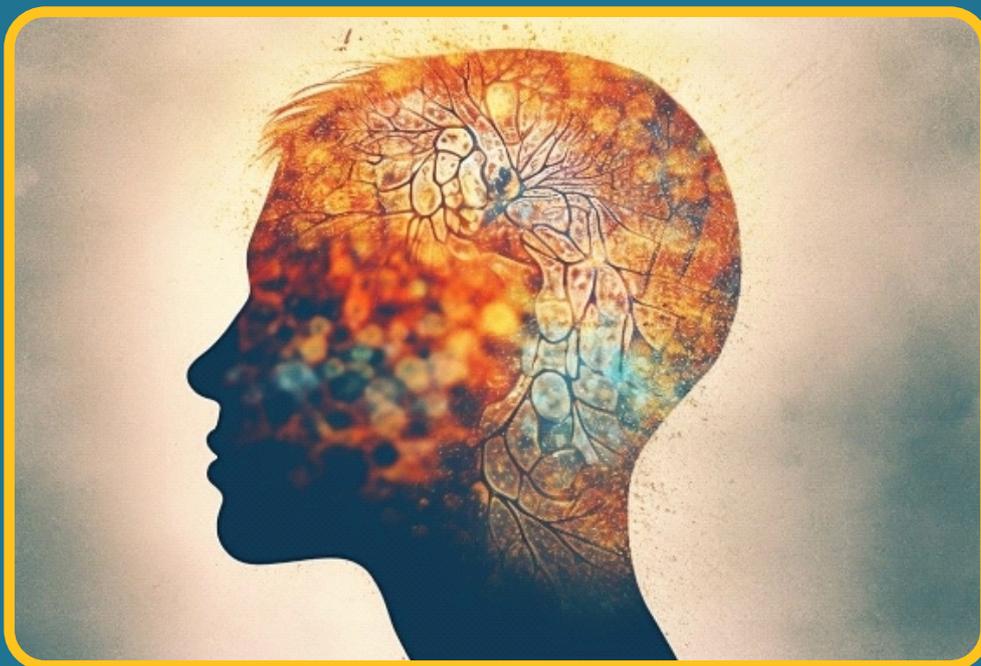
14. Be Kind to Yourself:

Treat yourself with the same compassion and understanding that you extend to others. Self-compassion is a vital component of good mental health.

15. Stay Informed and Advocate:

Be an advocate for mental health awareness and support within your educational institution and community. The more we talk openly about mental health, the less stigma surrounds it.

Remember, mental health is a journey, not a destination. These tips can help you build and maintain a strong mental foundation, but it's essential to seek professional help if you're struggling with persistent issues. Prioritizing your mental health is a vital step toward a successful and fulfilling academic journey.





ARTICLE BY STUDENT

PRIYA SINGH

7th Sem (CSE)

WEB3 TECHNOLOGY: THE FUTURE OF THE INTERNET

The internet, as we know it, is undergoing a fundamental transformation with the advent of Web3 technology. Building on the principles of decentralization, block chain, and crypto currency, Web3 is redefining how we interact, transact, and own assets in the digital realm. In this article, we'll delve into the latest developments in Web3 and its potential impact on our digital lives.

Web3: A Decentralized Internet

Web3 represents a paradigm shift from the current centralized internet. At its core, it's about putting power back in the hands of users, enabling them to have more control over their data and digital assets. Block chain technology is a key driver of this decentralization, allowing for trust less transactions and ownership verification.

NFTs and Digital Ownership

Non-Fungible Tokens (NFTs) are a striking manifestation of Web3. These unique digital assets have taken the art, gaming, and entertainment worlds by storm. With NFTs, creators can tokenize their work, ensuring provable ownership and enabling new revenue streams. This innovation has profound implications for artists, content creators, and collectors.

DeFi: Decentralized Finance

Decentralized Finance (DeFi) platforms are reshaping the financial landscape. They offer services such as lending, borrowing, and trading without intermediaries. Smart contracts, powered by blockchain, facilitate these financial operations, increasing accessibility and transparency. The rise of DeFi is a testament to the potential of Web3 to disrupt traditional finance.

The Metaverse: A Web3 Frontier

The concept of the metaverse is becoming increasingly tangible with Web3. It envisions a shared virtual space where users can interact, socialize, and even conduct business. Companies are already investing heavily in metaverse development, as this could be the next big leap in digital connectivity.

Challenges and Concerns:

While Web3 holds immense promise, it's not without challenges. Scalability issues, energy consumption of block chain networks, and regulatory concerns are some of the hurdles that need to be addressed. Additionally, security and privacy concerns persist as we navigate this new digital landscape.

The transition to Web3 is still in its early stages, but it's clear that it has the potential to reshape our digital lives and redefine the internet as we know it. The journey towards a decentralized and more user-driven web is only just beginning, and its full extent is yet to be realized. As we navigate this uncharted territory, it's essential to stay informed and engaged with the latest developments in Web3 technology.

DEPARTMENT ACTIVITIES

“Celebrated Sawan Somwar on 5th August 2024”

The Chouksey Group of Colleges celebrated Saawan Somwar on 5th August 2024 with great enthusiasm. The CSE Department actively participated in the event, Students and faculty came together to perform traditional rituals, offer prayers, and decorate the venue with flowers and festive arrangements. The event highlighted the cultural and spiritual values of the holy month of Saawan, creating an atmosphere of positivity, harmony, and togetherness within the department.



“Celebrated 78th Independence Day on 15th August 2024”

The Chouksey Group of Colleges celebrated 78th Independence Day on 15th August 2024 with great enthusiasm. The CSE Department actively participated in the event, which begins with the flag hoisting, followed by speeches from esteemed guests. This was succeeded by an impressive parade by NCC students. Achievements of students were recognized through a felicitation ceremony, and certificates were distributed to NSS and NCC participants. The celebration concluded with the distribution of sweets to all attendees.



“GATE 2025 Orientation Program on 23rd September 2024”

GATE 2025 Orientation program is been organized by computer science and engineering department to motivate and aware students about GATE exam importance, motivated them to fill the upcoming GATE exam form and guided them how to score good marks in gate exam 2025. Expert speakers shared valuable insights on preparation strategies, syllabus structure, and time management techniques.



“Teachers Day Celebration on 5th September 2024”

The Chouksey Group of Colleges celebrated Teachers Day on 5th September 2024 with great enthusiasm. The CSE Students actively participated in the event to honor the invaluable contributions of faculty members. Students organized cultural performances, fun activities, and heartfelt speeches to express their gratitude.



“INTERNAL SMART INDIA HACKATHON EVENT on 11/09/2024”

The CSE Department conducted the Internal Smart India Hackathon 2024 to encourage innovation and problem-solving among students. CSE Teams showcased their creative ideas and technological solutions for real-world challenges, working with enthusiasm and collaboration. The event provided a platform to nurture talent, boost confidence, and prepare students for participation in the national-level hackathon.



“THRILL WAVE- Cultural & Sports Fest Celebration on 14th September 2024”

The Chouksey Group of Colleges organized “Thrill Wave - Cultural & Sports Fest 2024” celebrated at on 14th September 2024 with active participation from the Department of Computer Science & Engineering students, where they have showcased their melodious voice in singing, rocking dance performances. Their performance captivated the audience and added a vibrant touch to the celebrations, reflecting the creativity and enthusiasm of the department's students.



“Chouksey GARBA Night Celebration on 05/10/2024”

Chouksey GARBA NIGHT was celebrated on 05/10/2024 at Chouksey Engineering College Bilaspur. The CSE Department with civil engineering department organized a vibrant Garba Night in Chouksey college ground. Filled with music, dance, and festive spirit. Students and faculty came together in colorful traditional attire, celebrating the cultural richness of Garba with great enthusiasm. The lively beats, energetic performances, and joyful participation made the evening memorable.



“INDUSTRIAL VISIT at ICCC BILASPUR on 11/11/2024”

The Department of Computer Science & Engineering organized a one-day industrial visit to Integrated Command & Control Center (ICCC), BILASPUR on 11/11/2024. During the visit, students gained valuable insights into the valuable exposure to real-world applications of smart technologies. Students learned about data management, surveillance systems, and city-level ICT operations that enhance urban governance. The visit provided students with first-hand exposure to real-life work scenarios and industry practices, preparing them effectively for their future careers.

CHOUKSEY ENGINEERING COLLEGE
 Department of Computer Science and Engineering
 is organizing
AN INDUSTRIAL VISIT
 (For B.Tech. 7th Semester CSE students)
 at
INTEGRATED COMMAND AND CONTROL CENTER (ICCC)
 TARBABAR POLICE STATION, BILASPUR (CG)
 Date: 11th Nov 2024 (Monday) | Time: 10 AM
 FOR MORE INFO 96850-45009 FOLLOW US ON [Facebook] [Instagram] [LinkedIn] [Twitter] [YouTube]
 www.ccecbilaspur.ac.in 1st Floor, Khodan, Masul Road, NH-47, Bilaspur

CHOUKSEY ENGINEERING COLLEGE
 An ISO 9001:2015 Certified Institute
 DEPARTMENT OF CSE, AI&ML, AI&DS
INDUSTRIAL VISIT
 AT
 INTEGRATED COMMAND CONTROL CENTER (ICCC), BILASPUR

 DATE: 11-11-2024
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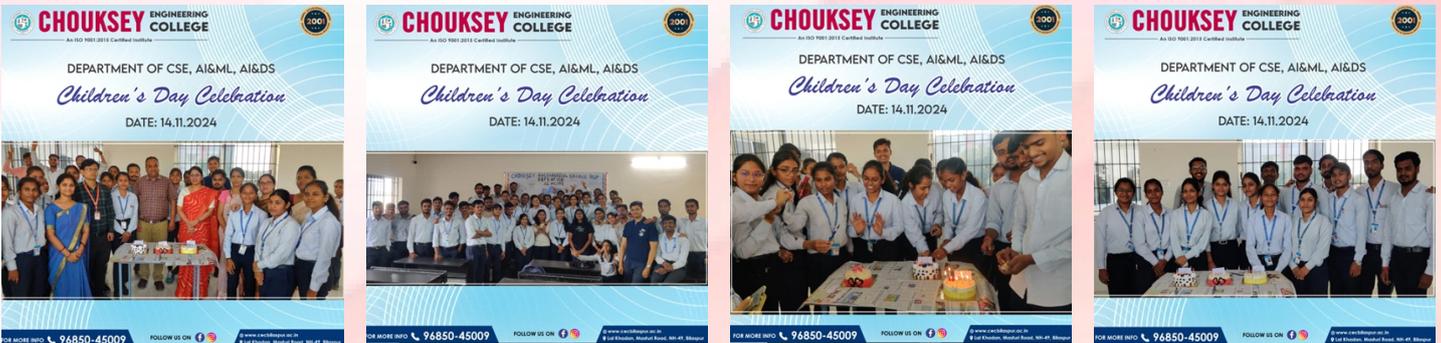
“KASCADE 2024 Event on 13/11/2024”

The Department of Computer Science & Engineering at Chouksey Engineering College conducted KASCADE 2024, a preliminary events for Kshitij 2025, Asia's largest Techno-Management symposium, at IIT Kharagpur. Various events are organized various Events Source Code, Enigma, Maths Olympiad and Anadigix 13-11-2024. This event provided an effective platform for our students to learn, innovate and make connections with their seniors and mentors to learn and apply new skills and knowledge that they acquired throughout this event.



“Children's Day Celebration on 14/11/2024”

The CSE Department celebrated Children's Day with enthusiasm and joy, honoring the spirit of childhood and the legacy of Pandit Jawaharlal Nehru. The event highlighted the importance of nurturing creativity, happiness, and togetherness among students with cake cutting, fun events and gifts.



5 Days Workshop on “PC ASSEMBLY, INSTALLATION & NETWORKING” On 29-11-2024

The Department of Computer Science & Engineering organized a 5-Days Workshop on PC Assembly, Installation and Networking to provide hands-on learning experience to students. Participants gained practical knowledge of hardware components, system assembly, software installation and networking under the guidance of faculty and experts.



FACULTY ACHIEVEMENTS

RESEARCH AND DEVELOPMENT:

- ◆ Dr. M Khaleel Ullah Khan, Dr. Shanu Kuttan Rakesh, Neelam Thakur, Pratibha Sao, Anita Borkar, R. Sravanthi, "AI on the Fly: Real-time ML Applications for Modern Enterprises", Yar Tech Publication, Edition I, September 2024, pages-236, ISBN No.: 978-93-6738-574-6.
- ◆ Mrs. Neelam Thakur, Mrs. Anita Borakar, Mr. Shubham Porte, Ms. Neha Patnaik, Mr. Ashutosh S. Khande " Python Programming". Quill Tech Publication, Publication date 30/10/2024. ISBN *978-93-6786-842-3*.
- ◆ Anushree Jain, Shanu K Rakesh, "IoT-driven predictive healthcare system for proactive treatment and improved patient management", AIP Conference Proceedings 3111, 030008 (2024), Volume: 3111, Issue 1, July-2024; AICTE & DSIR sponsored International Conference on Smart and Innovative Development in Science, Engineering & Technology (SIDET-2023), 16–18 August 2023 Bhilai, India, <https://doi.org/10.1063/5.0221495>[SCOPUS]
- ◆ Pranoy Das, Shanu K Rakesh, "Student Performance Model using Machine Learning Algorithms", Hinweis 3rd International Conference on Networking, Communication and Computing Technology (NCCT-2024), October 25-26, 2024. [SCOPUS]
- ◆ Nilesh Gupta, Akash Chourasia "Stock Market Trend Prediction Using Deep Learning and Optimization Methods: A Review" in UGC approved(49023(18)) International Research Journal of Creative Research Thughts IJCRT, ISSN 2320-2882, Impact Factor 7.97, paper id: IJCRT2407048, Vol 12, Issue 7, July 2024.
- ◆ Nilesh Gupta, Akash Chourasia "Stock Market Trend Predictions using Machine Learning Algorithms Knn and Xgboost" in UGC approved(49023(18)) International Research Journal of Creative Research Thughts IJCRT, ISSN 2320-2882, Impact Factor 7.97, paper id: IJCRT2407137, Vol 12, Issue 7, July 2024

The screenshot displays the AIP Publishing website interface. At the top, there is a navigation bar with the AIP Publishing logo, a search bar, and a dropdown menu for 'AIP Conference Proceedings'. Below this is a secondary navigation bar with links for 'HOME', 'BROWSE', 'FOR AUTHORS', 'FOR ORGANIZERS', and 'ABOUT'. The main content area features a featured article from 'Volume 3111, Issue 1' dated '24 July 2024'. The article title is 'IoT-driven predictive healthcare system for proactive treatment and improved patient management' by Anushree Jain and Shanu Kuttan Rakesh. The article is categorized as a 'RESEARCH ARTICLE' and is dated 'JULY 24 2024'. Below the title, there are options to 'Share' and 'Tools'. The article abstract is visible, starting with 'The convergence of machine learning (ML) and the Internet of Things (IoT) has opened up new possibilities in healthcare...'. To the left of the article, there is a thumbnail image of the conference proceedings cover, which includes the text 'AICTE & DSIR SPONSORED INTERNATIONAL CONFERENCE ON SMART AND INNOVATIVE DEVELOPMENT IN SCIENCE, ENGINEERING & TECHNOLOGY 2023' and '16-18 August 2023 Bhilai, India'.

FDP/STP/TTP/WORKSHOP:

- ◆ Dr. Shanu K Rakesh, One week “Short Term Program on Research Methodology” of University Grant Commission (UGC) organized by UGC- MMTC, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (CG) from 04-11-2024 to 09-11-2024.
- ◆ Dr. Shanu K Rakesh, 12 weeks NPTEL – AICTE FDP on “Introduction to Machine Learning” from IIT Madras, July-Oct 2024..
- ◆ V. S. Kharsan, "Digital Marketing," Value-Added Certification Course, Brainware University and Seven Boats Academy, July 10, 2024.
- ◆ Nilesh Gupta, short term program on research methodology under malaviya mission teachers training program of UGC organized by UGC-MMTC, GuruGhasidas Central University bilaspur from 04-11-2024 to 09-11-2024.
- ◆ Nilesh Gupta, Five Day Faculty Development Program In “On Cloud Architecture” Organised by Different Engineering Collage in collaboration with ExcelR Edtech Pvt. Ltd. Nov 2024.
- ◆ Neelam Thakur, 5 days International Faculty Development Program on Project Excellence Guide: Digital Marketing organized by MLR Institute of Technology, Dundigal Hyderabad, Sri Vasavi Institute of Engineering and Technology Andhra Pradesh in Collaboration with ExcelR Edtech Pvt. Ltd. Date 21/10/2024 to 25/10/2024.
- ◆ Neelam Thakur, 6 days Short Term Course on Research Methodology under Malaviya Mission Teacher Training Programme(MMTP) of UGC organized by UGC-MMTC, Guru Ghasidas Vishwavidyalaya(A Central University), Bilaspur(CG) from 04/11/2024 to 09/11/2024 and Obtained Grade A+.
- ◆ Neelam Thakur, 5 days International Faculty Development Program on Cloud Architect Jointly organized by Vardhaman Engineering College, Shamshabad Hyderabad, JSS Science and Technology University Mysore- Karnataka, JB Institute of Engineering & Technology, Ranga Reddy- Telangana in Collaboration with ExcelR Edtech Pvt. Ltd. Date 18/11/2024 to 22/11/2024.
- ◆ Neelam Thakur, 5 days International Faculty Development Program on AI Applications in Banking and Healthcare Industry Organized by K.J. Somaiya Institute of Technology Sion, Mumbai, KLE Technological University, Dr. M S Sheshgiri Campus, Belagavi- Karnataka, Chaitanya Bharathi Institute of Technology Autonomous, Hyderabad Telangana in Collaboration with ExcelR Edtech Pvt. Ltd. Date 12/12/2024 to 18/12/2024.
- ◆ Jyoti Kansari, Successfully completed the Online Short Term Course on Research Methodology organized by MMTC, GGV Bilaspur(C.G.) from 04-11-2024 to 09-11-2024 and Obtained Grade A.
- ◆ Jyoti Kansari, Participated in 5 days Faculty Development Programme on “Cloud Architect” Jointly organized by Vardhaman Engineering College, Shamshabad- Hyderabad, AVS Engineering College, Salem –Tamil Nadu, JSS Science and Technology University, Mysore –Karnataka, JB Institute of Engineering & Technology, Ranga Reddy –Telangana, GMR Institute of Technology, Vizianagaram -Andhra Pradesh, Santhiram Engineering College, Nandyal -Andhra Pradesh in Collaboration with ExcelR Edtech Pvt. Ltd. on Date: 18st Nov to 22 nov 2024.
- ◆ Anita Borkar, 5 Days Faculty Development Program on “Cloud Architect” Jointly organized by Vardhaman Engineering College, Shamshabad - Hyderabad, AVS Engineering College, Salem – Tamil Nadu, JSS Science and Technology University, Mysore – Karnataka, JB Institute of Engineering & Technology, Ranga Reddy –Telangana, GMR Institute of Technology, Vizianagaram - Andhra Pradesh, Santhiram Engineering College, Nandyal - Andhra Pradesh in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 18st Nov to 22nd Nov 2024.

- ◆ Anita Borkar, 5 days Faculty Development Program on “AI Applications in Banking and Healthcare Industry” organized by K.J. Somaiya Institute of Technology Sion, Mumbai – Maharashtra KLE Technological University, Dr. M S Sheshgiri Campus, Belagavi – Karnataka Chaitanya Bharathi Institute of Technology Autonomous, Hyderabad – Telangana Adhiyamaan College of Engineering, Hosur - Tamil Nadu in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 12th Dec to 18th Dec 2024.
- ◆ Mrs. Anita Borkar, Assistant Professor from Chouksey Engineering College, Bilaspur has completed the Short Term Course on Research Methodology under Malaviya Mission Teacher Training Programme (MMTP) of University Grant Commission (UGC) organized by UGC- MMTC, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (CG) from 04-11-2024 to 09-11-2024 and Obtained Grade A+ .

REVIEWER IN JOURNAL: 01

- ◆ 1.Dr. Shanu K Rakesh, reviewed research paper in IEEE Transactions on Reliability paper title "An effective $O(\log(N))$ algorithm for fault tolerance analysis of $(n, 2)$ -enhanced hypercubes in terms of dynamically varied h-extra edge-connectivity" in October 2024.

FACULTY AWARDS AND ACHIEVEMENTS:

Dr. Shanu K Rakesh, “EXCELLENCE AWARD 2024” for outstanding contributions in the field of HIGHER STUDIES and for continuing excellence in Teaching presented by Navbharat & Premier Aadhar IAS on September 2024.



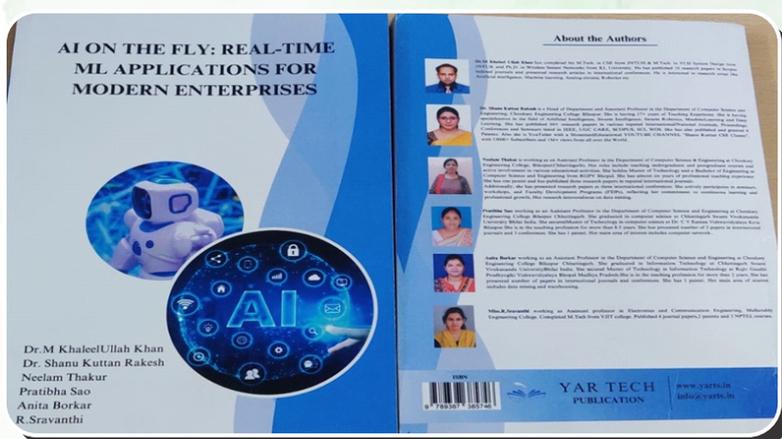
Book – “AI on the Fly: Real-time ML Applications for Modern Enterprises “

Author: Dr. Shanu Kuttan Rakesh,
Neelam Thakur, Pratibha Sao,
Anita Borkar, R. Sravanthi

Publication - Yar Tech Publication, Edition

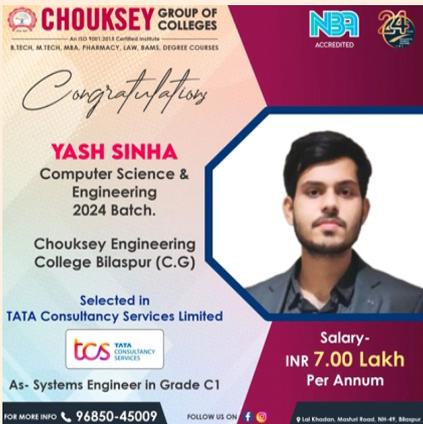
Date- September 2024

ISBN No.: 978-93-6738-574-6.



STUDENTS ACHIEVEMENTS

Our Shining Stars



CHOUKSEY GROUP OF COLLEGES
NBA ACCREDITED

Congratulations!

YASH SINHA
Computer Science & Engineering
2024 Batch.

Chouksey Engineering College Bilaspur (C.G.)

Selected in
TATA Consultancy Services Limited

Salary-
INR 7.00 Lakh
Per Annum

As- Systems Engineer in Grade C1

FOR MORE INFO 96850-45009

We are thrilled to celebrate the achievements of our alumni Pranjal Sharma who have been selected for esteemed roles in the Government Sector as “Sub-Inspectors (SI)”. This achievement shows the dedication and hard work of our student which ultimately gave our student the opportunity to shine.



CHOUKSEY GROUP OF COLLEGES
NBA ACCREDITED

Congratulations!

PRANJAL SHARMA
Branch: CSE
Batch 2012-2016

Selected for Sub Inspector

FOR MORE INFO 96850-45009

CSE DEPARTMENT TOPPERS

4th SEM CSE TOPPERS



Congratulations! Toppers | B.Tech
4th Sem | CSE

PRINCE THAKUR 87.1%	K SHWETA RAO 85.6%	C LAVANYA RAO 85.3%	OM BHARDWAJ 80.6%
PRITHA GUPTA 79.2%	NILASHREE 77.9%		
SURYKANT JAISWAL 76.9%	B. JYOTSANA PRIYA 76.1%	MD. SAIF 75.8%	SUSHMITA DAS 74.1%

6th SEM CSE TOPPERS



Congratulations! Toppers | B.Tech
6th Sem | CSE

PREETI PAL 82.2%	DEBASHI RAHA 81.8%	MAULI SINGH 81.1%	SHUBHAM KESHARWANI 80.8%	AYUSH TIWARI 80.4%
TARUN KUMAR RATHORE 79.7%	KAJAL GUPTA 79.6%	SANGKAR PANDEY 79.3%	ANWESH SINGH 78.8%	ROSHNI SODHEY 78.8%

8th SEM CSE TOPPERS



Congratulations! Toppers | B.Tech
8th Sem | CSE

SONAM KUMARI OJHA 91.2%	SUDAMA PRASAD 88.5%	S SWATI DORA 88.2%	PRATEEK MALLICK 88.1%
ABHISHEK VISHWAKARMA 87.6%	NANDINI PATLE 87.1%		
DIKSHA BANDHADE 87%	YOGESH KUMAR 87%	ARYAN GUPTA 86.8%	MAYANK KUMAR GUPTA 86.3%

HIGHER STUDIES (M.TECH FROM IITS &NITS):



DEEPAK SONI

Pursuing M. TECH from IIT Kanpur
Batch: 2019-23



PRASHANT KASHYAP

Pursuing M. TECH from NIT Raipur
Batch: 2019-23

STUDENTS QUALIFIED NCC 'C' CERTIFICATE EXAMINATION

- ◆ Our students who have earned NCC "C" Examination Certificate which is a result of their extreme hard work and dedication towards being the best at what they do with all their heart and soul.



SONU SINGH



MALLIKA RANI TANDAN



AKANKSHA SINGH



MAYANK YADAV

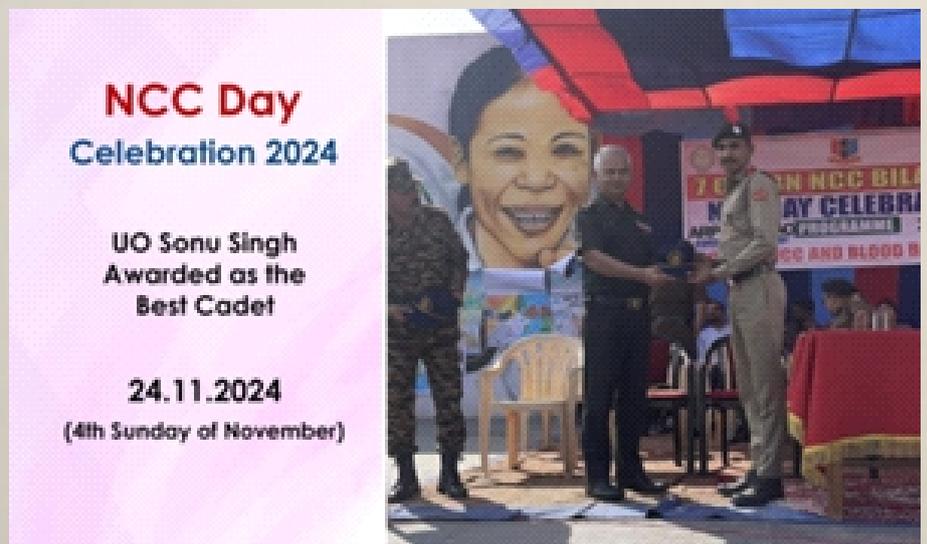


RAHIL MARBLE



VISHAL KUMAR SAHU

BEST NCC CADET AWARD TO UO SONU SINGH



STUDENTS QUALIFIED NSS 'B' CERTIFICATE EXAMINATION

NSS 'B' CERTIFICATION 2024:

SR. NO	STUDENT NAME	NSS CERTIFICATE	YEAR
1.	Mr. Jitendra Kumar	NSS 'B' Certificate	2024
2.	Mr. Shahil Chandrakar	NSS 'B' Certificate	2024
3.	Mr. Nikhil Kumar Mahant	NSS 'B' Certificate	2024

SPORTS ACHIEVEMENTS OF OUR STUDENTS

INTER-INSTITUTE LEVEL STUDENTS PARTICIPATION & ACHIEVEMENTS 2024-25

SR. NO	STUDENT NAME	EVENT TYPE	EVENT OUTCOME (AWARD/POSITION /PARTICIPATION)
1	Ms. K. Bhavana	Athletics (1500M Race), State Level Inter-zone Sports CSVTU	Winner
2	Ms. K. Bhavana	Athletics (200M Race), State Level Inter-zone Sports CSVTU	Winner
3	Ms. K. Bhavana	Athletics (Long Jump), State Level Inter-zone Sports CSVTU	Winner
4	Ms. K. Bhavana	Athletics (800M Race), Division Level Inter-College Sports CSVTU	Winner
5	Ms. K. Bhavana	Athletics (400M Race), Division Level Inter-College Sports CSVTU	Winner
6	Ms. K. Bhavana	Athletics (200M Race), Division Level Inter-College Sports CSVTU	Winner
7	Mr. Priyanshu Rathore	Athletics (Long Jump), State Level Inter-zone Sports CSVTU	Winner
8	Mr. Priyanshu Rathore	Badminton (Boys) Division Level Inter-College Sports CSVTU	Runner
9	Mr. Anwar Hussain	Volley Ball (Boys) Division Level Inter-College Sports CSVTU	Runner
10	Ms. Neha Dinda	Volley Ball (Girls) Division Level Inter-College Sports CSVTU	Winner
11	Ms. Dolly Singh		
12	Ms. Jiya Sahu		
13	Mr. Tripti Chanda		
14	Ms. K. Bhavana	Badminton (Girls) State Level Inter-zone Sports CSVTU	Winner
15	Ms. Nishtha Rai		
16	Ms. Neha Dinda		
17	Ms. K. Bhavana	Badminton (Girls) Division Level Inter-College Sports CSVTU	Winner
18	Ms. Nishtha Rai		
19	Ms. Neha Dinda		
20	Mr. Priyanshu Rathore	Football (Boys) Division Level Inter-College Sports CSVTU	Runner
21	Mr. Avinash Dandey		
22	Md. Uvaish		
23	Mr. Narayan Mandal	Cricket (Boys) Division Level Inter-College Sports CSVTU	Runner -up
24	Mr. Om Bharadwaj		
25	Mr. Anwar Hussain		
26	Mr. Nayan Sen		
27	Mr. Deepak Gope		
28	Ms. Priya	Group Dance, Inter-college Annual Youth Festival CSVTU	Winner
29	Ms. Astha Singh		
30	Ms. Nitya		

31	Mr. Suraj Lahre	Smart India Hackathon 2024 - National Level	Participation
32	Mr. Chandrabhan Mahato		
33	Mr. B. Jyotsna Priya		
34	Mr. Anurag Kedia		
35	Mr. AbishekKashyap		
36	Mr. Harishankar Dansena		
37	Mr. P. AnirudhaVarma	Smart India Hackathon 2024 - National Level	Participation
38	Mr. Aman Dixit		
39	Mr. AyushTiwari		
40	Mr. Aditya Saxena		
41	Mr. Seemran Pathak		
42	Mr. Rohan Patnaik		
43	Mr. AnirudhTrivedi	Smart India Hackathon 2024 - National Level	Participation
44	Mr. ShivamkumarYadav		
45	Mr. Tarun Kumar Rathore		
46	Mr. Shruti Das		
47	Mr. Anwesh Singh		
48	Mr. Nikhil Kumar Mahant		
49	Mr. AnirudhTrivedi	Tinkarathon 2024 - State Level	Participation
50	Mr. Shivam KumarYadav		
51	Mr. Tarun Kumar Rathore		
52	Ms. Neha Dinda	IIT Kharagpur Khitij Tech-Fest 2024-25 (Event: Source Code)	Participation



K. Bhavna, our student of 7th sem cse department secure First position in athletic games in state level Games organized by Swami Vivekanand Technical university. Their remarkable performance and sportsmanship brought pride to the department and inspired fellow students to actively participate in sports and fitness.



Priyanshu Rathore, our student of 7th sem cse department secured second position in athletic games in state level Games organized by Swami Vivekanand Technical university, showcasing an outstanding talent and determination by in this event.



Our Students secured First Position in Cluster Level in Football organized by Swami Vivekananda Technical university. Their dedication, coordination, and competitive spirit led them to victory, bringing pride to the department and motivating others to actively engage in sports.



**Girls Badminton Team (CSE)
Champion Inter-zone (State)
CSVTV CSVTV Zone-3**



Boys Football Team (Runner-Up) Inter-college CSVTV Zone-3



**Girls Volley Ball
Team (CSE)
Inter-college
CSVTV Zone-3**

**Girls
Table Tennis
(CSE)**

**Inter College
Competition
CSVTV Zone-3**





Boys Table Tennis (CSE) Inter College Competition CSVTU Zone-3



**Aaditya Singh
Gold Medal in Arm Wrestling 2024
Steel City Am Wrestling Club Bhilai**



**K.K.S.S. Harshita
Winner of Solo Dance from CEC
Yuva Utsav (Tech Fest) 2024
CSVTU (College Level)**



**Priya, Astha Singh, Nitya – Group Dance
Winner of Group Dance from CEC
Yuva Utsav (Tech Fest) 2024
CSVTU (College Level)**



**Ayushman Sharma
Winner of Solo Song from CEC
Yuva Utsav (Tech Fest) 2024
CSVTU (College Level)**

DEPARTMENT SWAYAM NPTEL CERTIFICATIONS



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
PRINCE THAKUR
for successfully completing the course

Problem Solving Through Programming in C

with a consolidated score of **61** %

Online Assignments	22.38/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 2171

Jul-Oct 2024
(12 week course)




Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Roll No: NPTEL24CS1235958300087 To verify the certificate  No. of credits recommended: 3 or 4



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR SHANU KUTTAN RAKESH
for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **67** %

Online Assignments	20.06/25	Proctored Exam	46.68/75
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Total number of candidates certified in this course: 4541

Jul-Oct 2024
(12 week course)




M. Vignesh
NPTEL Coordinator
IIT Madras



Roll No: NPTEL24CS1015558300230 To verify the certificate  No. of credits recommended: 3 or 4

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
NEELAM THAKUR
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **64** %

Online Assignments	21.66/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **33131**

Jul-Oct 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS115S858300171 To verify the certificate No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
MRS ANITA BORKAR
for successfully completing the course

Problem Solving Through Programming in C

with a consolidated score of **55** %

Online Assignments	16.47/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **2171**

Jul-Oct 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS123S954100018 To verify the certificate No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
MRS ANITA BORKAR
for successfully completing the course

Introduction to Operating Systems

with a consolidated score of **55** %

Online Assignments	20.96/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **2658**

Jul-Sep 2024
(8 week course)

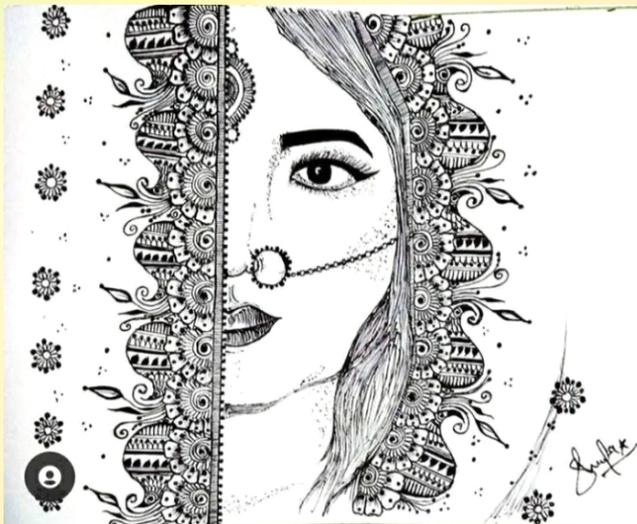
Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL24CS80S332400008 To verify the certificate No. of credits recommended: 2 or 3

STUDENTS CORNER



ART WORK BY K SHWETA RAO
(Student of B.Tech 7th semester CSE)

A beautiful piece of artwork by our beloved student, representing a lot of his aspects in one single picture. Beautiful picture presents his creativity, hard work, patience and imagination



ART WORK BY POOJA KAUSHIK
(Student of B.Tech CSE)

A beautiful piece of artwork by our beloved student, representing a lot of his aspects in clay work. Beautiful statue of Lord Ganesha presents his creativity, hard work, patience and imagination