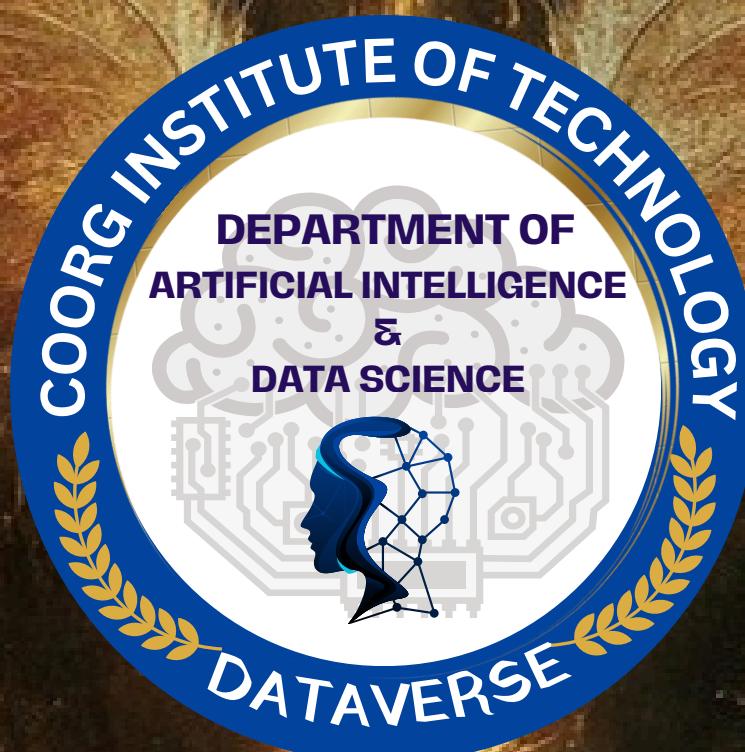




DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE



DATAVERSE
PRESENTS

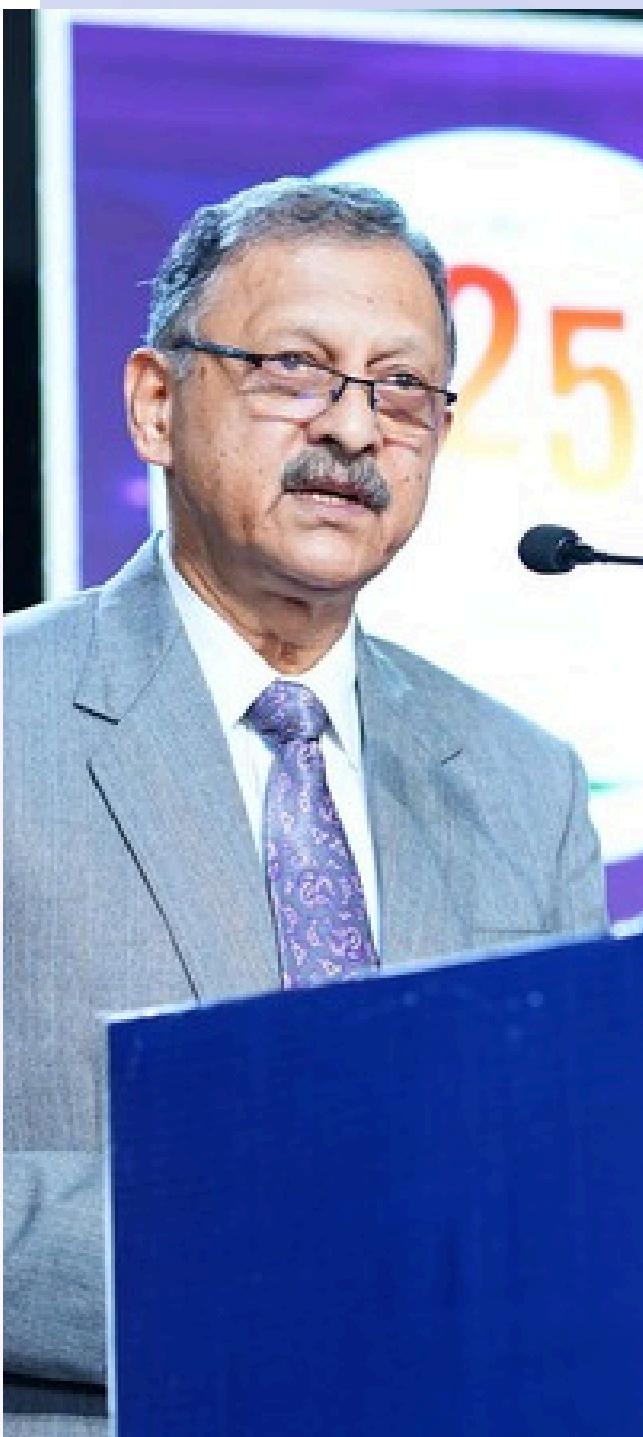
prajnachetana

Patrikā
(2024~25)

prajnachetana

Patrikā

"PRAJNACHETANA" is a Sanskrit term where "Prajna" means "wisdom/intelligence," and "Chetana" refers to "awareness/consciousness". It is a state of deep awareness and understanding, where our consciousness is open to insights and wisdom. Many spiritual traditions consider it the highest form of consciousness, helping us recognize our true selves and our connections to others. This state brings clarity and compassion, allowing us to face challenges with grace. Prajnachetana encourages us to explore ourselves and fosters a sense of unity with the universe, leading to a more meaningful and fulfilling life.

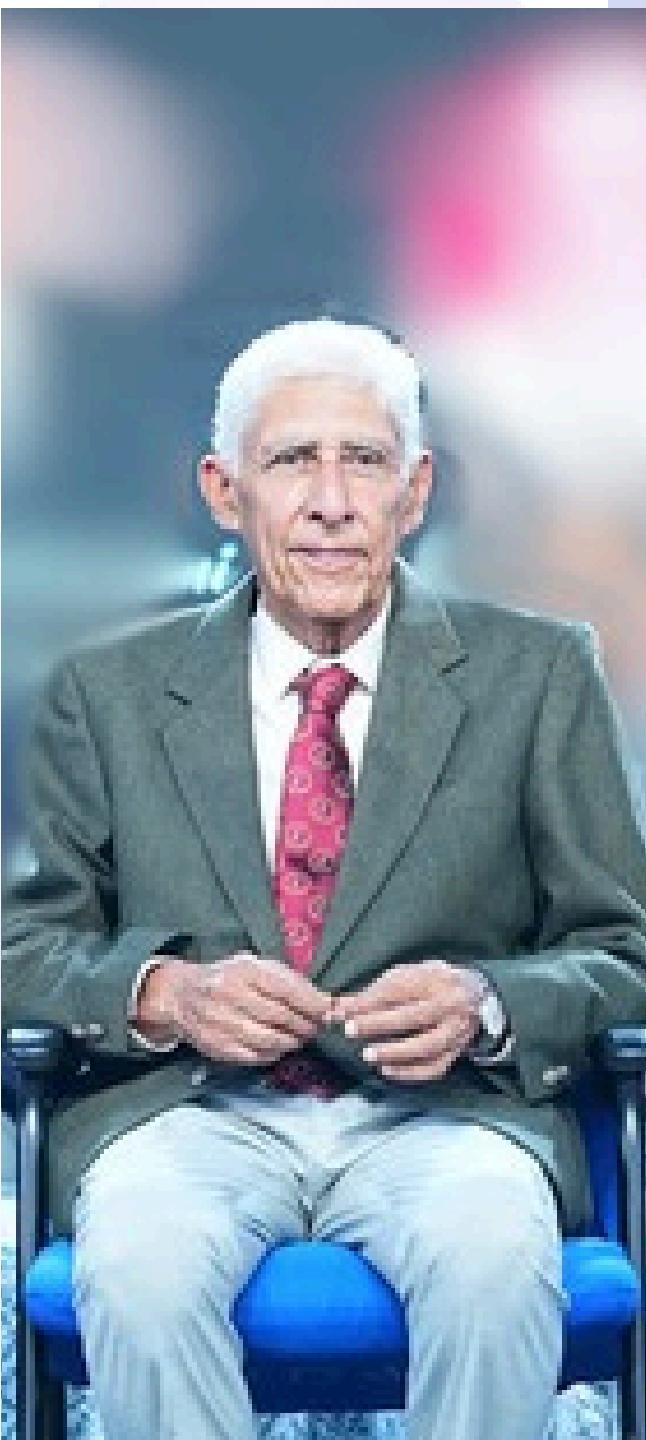


MESSAGE

Congratulations to team PRAJNACHETANA on your effort to bring out the Dept. magazine. You are involved in one of the most important aspects of modern scientific journey. Everything revolves around the collection and analysis of data, which is of paramount importance in developing smarter and faster progress of mankind. Do your job diligently as facts are extremely important and your ability to put this together will be of great significance for the future.

Wish you all the very best.

DR. M C KARIAPPA
President, Kodava Education
Society



MESSAGE

Extremely pleased that Demarest of Artificial Intelligence & Data Science is releasing a magazine. I am sure that it will capture various facts of campus life and bring out latent talent of students.

Congratulations to the editorial board and contributors by way of articles.

SRI. K A CHINNAPPA
Vice President, Kodava Education
Society

MESSAGE

In an era defined by data and digital transformation, Artificial Intelligence and Data Science have emerged as two of the most powerful forces shaping our world. From enabling intelligent healthcare systems to driving sustainable innovation, these fields are not only revolutionizing industries but also redefining the way we learn, think, and create. Best wishes to my CIT family in showcasing your talent in releasing this magazine. I am confident that the student association 'Dataverse' will set a benchmark in excellence.



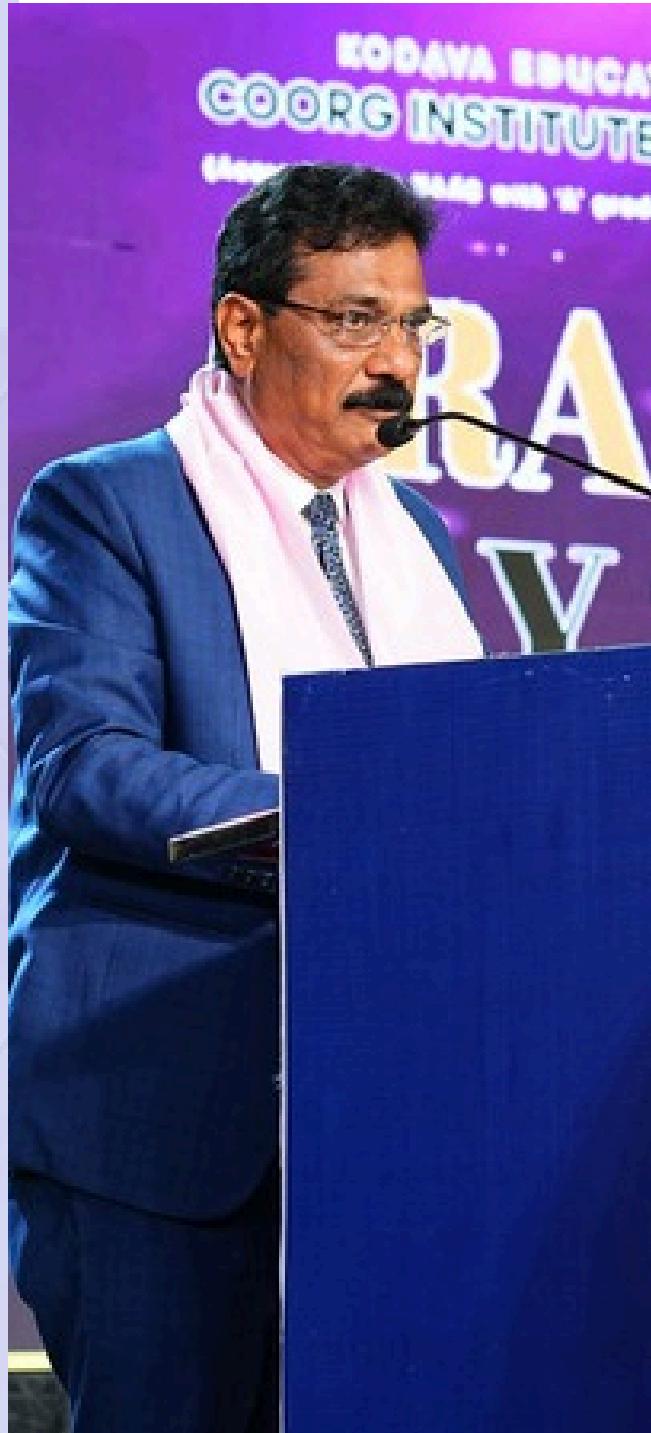
SRI. C P RAKESH POOVAIA
Secretary, Kodava Education
Society

MESSAGE

It gives me immense pleasure to extend my heartfelt congratulations to the Department of Artificial Intelligence and Data Science on bringing out PRAJNA CHETANA 2nd edition of the departmental magazine. This publication reflects the creativity, innovation, and collective achievements of both students and faculty.

The department has made commendable progress through its wide range of academic and co-curricular activities in organizing Industry Connects, Technical Talks, and Workshops have successfully bridged the gap between classroom learning and real-world applications. Special appreciation goes to the faculty members for their achievements in NPTEL certifications and research publications, reflecting their commitment to academic excellence..

I extend my best wishes to the Head of the Department, faculty, and students keep achieving new milestones and inspire future innovators through its commitment to excellence and learning.



DR. M BASAVARAJ
Principal, Coorg Institute of
Technology



PROF. RAMESH H R
HOD, DEPARTMENT OF
AI & DS

MESSAGE

I am happy to note the effort of Dept of AI & DS, along with Dataverse, the student association, to bring out the yearly magazine “Prajnachethana”. With rapid progress being made in the world we live in, it is essential to be updated and competitive to face the world. This magazine gives a platform for the young dynamic minds to show case their skills as well as knowledge. This is a great opportunity to upskill our NATURAL ABILITY over artificial intelligence. Remember we have to be one step ahead. Wishing the entire team all the very best for a bright future.

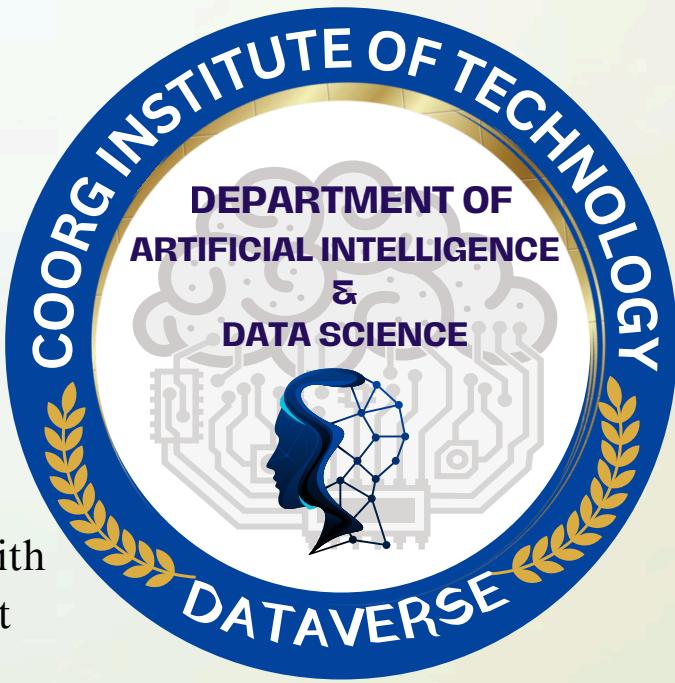
KVERI MATHA



About The Department

VISION OF THE DEPARTMENT

- To develop highly competent minds in Artificial Intelligence and Data Science with moral values and skills to meet the current trends of the industry



MISSION OF THE DEPARTMENT

- To deliver modern technology-based education to the students to cope up with the current demands in artificial intelligence and data science
- Provide training to improve technical and soft skillsets.
- Promoting social consciousness and integrity amongst the students.

About The Logo

The collaboration of manpower and manmade power is demonstrated in the logo. The semicircle in gold represents the success, confidence, passion, and power of the Data Science students. The blue, a highly corporate color, is associated with intelligence, stability, unity, and communication. This color has positive effects on students' minds and bodies. The leaf in the logo symbolizes growth, healing, and dependability. Logos featuring leaves evoke themes of growth and rebirth and have been used since ancient times to symbolize wealth and high social status. Its sturdiness, relative scarcity, and brilliance have made it a sign of opulence.

ABOUT THE FACULTIES



Prof. Ramesh H R has successfully transitioned from his role to lead the newly established Department of Artificial Intelligence and Data Science. With 16 years of teaching experience and a strong foundation in engineering principles. He has effectively implemented AI and Data Science into the curriculum framed by VTU, equipping students with essential skills for the tech-driven landscape. His leadership is characterized by a commitment to fostering innovation and interdisciplinary collaboration. He encourages research initiatives that explore the intersections of AI, machine learning, and data analytics, promoting hands-on learning through projects and industry partnerships.

PROF. RAMESH H R HOD, DEPT OF AI&DS

Prof. Sethulakshmi P is a dynamic individual whose skill with technology . She earned her degrees as MTech in Computer Engineering, MBA in E-Business, and BTech in Computer Science and Engineering. She here catalyst for students across all dimensions of education. She received of the best paper award in the IEEE conference, who inspires great leaders to become the best at the crossroads of technology, business, and innovation. She expertly navigates the complexities of Java, Python, and AI, delivering lessons with precision and clarity. With 3 Years of teaching experience & Known for her composed temper handling of classes, she fosters a friendly and approachable atmosphere, encouraging students to solve problems independently while always being kind and supportive.



PROF. SETHULAKSHMI P ASSISTANT PROFESSOR



Mrs. Manasa S has completed her Bachelor of Engineering in Information Science and Engineering. With a strong foundation in software development and data management, she brings 8 years of software development experience in multinational companies. Dedicated to supporting students in their learning journey, her enthusiasm for technology and commitment to fostering a collaborative learning environment make her an invaluable asset to both the faculty and students.

MRS. MANASA S ASSISTANT PROFESSOR

Prof. Kavya A D is an outstanding professor who effortlessly combines technical expertise with inspiring teaching. With MTech in Electronics and BE in Telecommunication Engineering, she is a beacon of innovative thought in academia, possessing a deep understanding of the latest technologies. As a teacher with 9 years of experience, she is clear and creative, always fostering an inquisitive mindset that goes beyond textbooks. She cultivates an exhilarating classroom environment where students are encouraged to explore, experiment, and expand their understanding. With a calm and nurturing presence, she not only teaches but also mentors future engineers, equipping them with the technical skills needed to excel in a rapidly evolving industry.

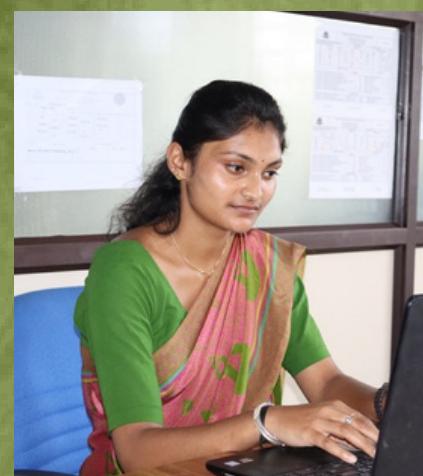


**PROF. KAVYA A D
ASSISTANT PROFESSOR**



**MR. HARISH K J
PROGRAMMER**

Mr. Harish K J has completed his Bachelor of Engineering, now excelling as a programmer in the realm of Artificial Intelligence and Data Science. His academic background provides a solid foundation for understanding complex industrial processes, allowing him to leverage AI techniques to optimize operations. With strong skills in SQL programming languages . Harish specializes in data analysis, and algorithm development. He has successfully applied these skills in various projects, focusing on enhancing productivity and decision-making through data-driven insights.



**MS. BHOOMIKA H.G
ASSISTANT INSTRUCTOR**

Ms. Bhoomika H.G is a motivated and results-driven professional skilled in programming, MS Word, Excel, and maintaining data infrastructure. She is detail-oriented and a strong problem solver, committed to data quality and integrity.

DATAVERSE

Nobody has measured the universe, how far it goes.

"DATAVERSE" refers to the infinite urge of the data cosmos, which is deployed from artificial intelligence.

The term "DATAVERSE" is a blend of "data" and "universe". The word "data" refers to pieces of information or facts collected for analysis. And "verse" is derived from "universe," indicating a broad, encompassing space.

The students council "DATAVERSE" the Department of Artificial Intelligence and Data Science emphasizes a holistic and integrated approach to managing data, typically within a structured platform.

Association Members of Dataverse

2024-25



ULLAS.S
PRESIDENT



DHANUSH GOWDA
VICE-PRESIDENT



ROHANT.M
SECRETARY



VAMSHI AIYAPPA.P
JOINT SECRETARY



NIKHIL SUBBAIAH B.D
TREASURER



SOHIL ATHAR
TECHNICAL-HEAD



TARUN N.P
TECHNICAL CO-HEAD



PRASHANTH GOWDA
CULTURAL HEAD



ANAND.S
CULTURAL CO-HEAD



K.A MANISHA
SPORTS HEAD



C.K DEVAIAH
SPORTS CO-HEAD



SAHANA.N
CO-ORDINATOR



MYLA ACCAMMA T.B
CO-ORDINATOR



PREKSHA H.B
CO-ORDINATOR



SANVI.R.ACHARYA
CO-ORDINATOR

ACADEMIC ESSAY

PROF RAMESH H R

1. Attended five days FDP on “Engineering Intelligence: An Advanced Technique in MATLAB” organized by Department of AI&ML and AI&DS engineering in SMVITM, Udupi from 27th Jan to 31st Jan 2025.
2. Attended five days FDP on “MongoDB and Full Stack Web Development” organized by Dept. of AI&ML in CIT, Ponnampet from 4th Feb to 8th Feb 2025.
3. Attended three days online FDP on “Devops” organized by Dept. Of CSE, BIT Bangalore from 13th to 15th March 2025.

PROF SETHULAKSHMI P

1. Successfully completed NPTEL-AICTE Faculty Development Programme on Introduction to Machine Learning”
2. Successfully completed Faculty Development Programme on “Machine Learning Lab” conducted by Sai Vidya Institute of Technology.

PROF HARISH K J

1. Attended five days FDP on “MongoDB and Full Stack Web Development” organized by Dept. of AI&ML in CIT, Ponnampet from 4th Feb to 8th Feb 2025.

PROF MANASA S

1. Successfully completed Faculty Development Programme on “Machine Learning Lab” conducted by Sai Vidya Institute of Technology.

Igniting Knowledge and Wisdom: A New Academic Journey Began with Ayudha Puja Blessings



On October 10, 2024, we celebrated Saraswathi Pooja and Ayudha Pooja, honoring the Goddess of knowledge and the tools of learning. The event united students and faculty in devotion, tradition, and gratitude, marking an auspicious academic beginning. The beautifully decorated spaces and traditional rituals created a spiritually uplifting atmosphere. Participants offered prayers seeking wisdom and success in the coming year. The celebration strengthened the sense of community and cultural heritage within the institution.

“Nava Adhyaya 2024–25”: A New Chapter in Innovation and Engagement



The Department of AI and Data Science inaugurated Nava Adhyaya 2024–25 on 9th November 2024. The event marked the start of a new journey for the Dataverse Student Association. Mr. Sriharsha Rangnath, Lead Consultant at ThoughtWorks Technology, Bengaluru, was the Guest of Honour. He shared insights on tech careers and the need to stay updated with industry trends. Students actively participated in inspiring talks and interactive sessions. The event created an energetic and positive atmosphere for the year ahead.

An informal Halloween celebration added fun to the day, with creative costumes and festive activities. The event ended on a joyful and enthusiastic note.

Building Cyber Awareness: Workshop for 3rd Semester Students



A 6-day Cybersecurity Workshop was held from 26th to 31st August 2024 for 3rd semester students, covering key topics like cyber threats, network security, data privacy, and ethics. Through interactive sessions and hands-on demos, students explored the importance of digital safety and the role of AI and data science in addressing modern security challenges.

AI & Data Science: Trends, Talks, and Takeaways “TECH TALK”



A Tech Talk was held on 4th October 2024, focusing on recent trends and real-world applications in Artificial Intelligence and Data Science.

The session featured engaging discussions and Q&A, encouraging active student participation and idea exchange. Guided by Prof. Ramesh H.R. and Mrs. Manasa S, the event highlighted a commitment to fostering innovation and technical excellence.

Structuring Success: “One-Day Workshop on Data Structures & Applications”



A One-Day Student Development Programme on “Fundamentals of Data Structure and its Applications” was held on 15th November 2024, coordinated by Mrs. Sethulakshmi P. with active participation from 3rd semester AI & DS students. Dr. Sathisha M. S., Associate Professor and HoD of AI & ML at Navikas College of Engineering, conducted a hands-on session focused on solving real-time computational problems, bridging theory and practical implementation.

Bridging Theory and Technology: “A Journey Through HAL and ISRO”



On 26th November 2024, students visited HAL and ISRO in Bengaluru as part of their curriculum. Guided by Prof. SethuLakshmi and Mr. Harish, they explored HAL’s aircraft manufacturing units and ISRO’s satellite and mission planning facilities. The visit offered valuable insights into real-world engineering, inspiring pride in India’s scientific achievements and motivating students toward innovation.

Code to Deploy: A Five-Day Journey into Full Stack Web Development



The Department of AI and Data Science at Coorg Institute of Technology held a five-day certification course on “Full Stack Web Development” from 2nd to 6th December 2024. The program started with an inaugural session by Mr. Saravanan R from Koenig Solutions, who emphasized the growing demand for full stack developers. The course provided students with practical skills and hands-on experience in building web applications.

“Code Craft”: A Battle of Brains and Code



Code Craft, an inter-departmental coding competition, was held on 9th December 2024, organized by the AI & DS students. The event brought together talented participants from various departments to showcase their problem-solving skills and programming expertise.

Competitors tackled challenging problems focused on algorithms, data structures, and practical applications, testing both their logic and coding abilities.

Students Lead Cleanliness Drive at Maha Vishnu Temple



On 30th December 2024, students from the 3rd and 5th semesters of Artificial Intelligence and Data Science, along with faculty and local volunteers, participated in a cleanliness drive at Maha Vishnu Temple, Halligattu. They swept the premises, collected and segregated waste, and promoted hygiene and environmental awareness in the community. The initiative enhanced the temple's surroundings, fostered community spirit, and encouraged social and environmental responsibility.

Students Participated in IISc Bangalore's Open Day 2025



On 1st March 2025, students from our institution actively took part in the Open Day-2025 at the Indian Institute of Science (IISc), Bangalore. The event featured cutting-edge research, scientific demonstrations, and innovative projects across various departments. This opportunity allowed students to interact with leading scientists, explore emerging technologies, and gain insights into advanced research, inspiring them to pursue innovation and contribute to future technological progress.

“Vanyajeevotsavah” – A Tribute to Wildlife on World Wildlife Day



Vanyajeevotsavah (Wildlife Festival) was celebrated on 17th March 2024 for World Wildlife Day 2025, themed “Together for Wildlife: Save Species, Save Earth!” The event included awareness programs, interactive sessions, and exhibitions to promote wildlife conservation and biodiversity protection. A drawing competition was also held, encouraging students to creatively express the theme and foster collective responsibility for safeguarding ecosystems.

CODEFIX: Where Code Meets Challenge



Kodagu, Karnataka, India
4wm9+j37, Karnataka 571216, India, Kodagu,
Karnataka 571216, India
Lat 12.134378° Long 75.917933°
11/04/2025 02:19 PM GMT +05:30

Google

GPS Map Camera



Kodagu, Karnataka, India
4wm9+j37, Karnataka 571216, India, Kodagu,
Karnataka 571216, India
Lat 12.134378° Long 75.917933°
11/04/2025 02:20 PM GMT +05:30

GPS Map Camera

On 11th April 2025, a code debugging event took place in the 3rd Floor Data Science Lab. The event aimed to test and enhance students' programming and analytical skills by challenging them to identify and fix errors in given code snippets. Participants worked individually or in teams, showcasing their ability to think critically, solve problems efficiently, and apply theoretical knowledge in practical scenarios. The atmosphere was competitive yet collaborative, fostering learning through real-time problem-solving. Overall, the event was a great success, offering students an engaging platform to improve their coding logic, boost confidence, and prepare for real-world tech challenges.

Inter-Department Hockey Tournament: A Day of Enthusiasm and Sportsmanship



The Department Student Association “DATAVERSE” hosted an exciting Inter-Department Hockey Tournament on 12th April 2025, starting at 2 PM. With enthusiastic participation from various departments, the event showcased teamwork and sportsmanship, making it a memorable and energetic day for all involved.

Building Skills in DevOps: Intensive Two-Day Workshop



The Department of Artificial Intelligence and Data Science at Coorg Institute of Technology held a two-day hands-on DevOps workshop for 6th semester students on 6th and 7th May 2025 in the 3rd Floor DS Lab. The workshop covered core DevOps concepts like CI/CD, automation, containerization, and version control through practical exercises, helping students improve technical skills and align with industry practices.

Be the Change: Students Lead the Way in Rural Upliftment



On 10th May 2024, the 4th and 6th semester students of the Artificial Intelligence and Data Science Department, Coorg Institute of Technology, organized a Cleanliness and Hygiene Awareness Drive under the AICTE Activity Points Program. The event took place at Girijanara Haadi, Thitimathi, from 10:00 AM to 3:00 PM. The initiative aimed to educate the local community on the importance of personal hygiene, waste management, and environmental cleanliness. Students conducted interactive sessions, demonstrations, and discussions to engage villagers and promote healthy practices. The active participation of both students and locals made the event impactful and socially meaningful.

Winners' ORBIT

PINNACLE OF SUCCESS

Semester Excellence Awards

3rd Semester



LIPIKA KAVERAMMA C.P
SGPA-9.14



PREKSHA H.B
SGPA-9.14



ROSHNA G.C
SGPA-9.0



TRUPTI MAHESH PATGAR
SGPA-9.0



VAMSHI AIYAPPA
SGPA-8.81

4th Semester



PREKSHA H.B
SGPA-9.53



LIPIKA KAVERAMMA C.P
SGPA-9.37



SAHANA C J
SGPA-9.11

5th Semester



KEERTHANA K V
SGPA-9.23



KAVERAMMA INCHARA
SGPA-8.95



MYLA ACCAMMA T B
SGPA-8.68



NIKHATH M F
SGPA-8.68

6th Semester



LIVITH MUTHANNA M A
SGPA-9.61



KEERTHANA K V
SGPA-9.56



PRAJNA PONNAMMA N P
SGPA-9.50

Tech Achievements & Certification Courses

8th National Level Coding Competition - CODE IGNITER 2025 (GSSS): Aishwarya H.P, Renuka Bai, Shreya M.R, Inchara P.L

Google Agentic AI Day: Aishwarya H.P, Hamshitha A, Varshitha P, Pavithra, Sahana N, Roshini B.A, Sakshi M.L
TCS Tech Bytes - Inter-College Quiz on IT: Neha C.C, Kaveramma Inchara T.D, Myla Accamma T.B, Prajna Ponnamma N.P

Keerthana K.V - Individual Achievements: Participated in TCS Inter-College Quiz Competition, Certified Data Analytics Job Simulation - Deloitte, Certified Generative AI Model - NxtWave, Secured 1st Place in Datathon organised by AIML Dept CIT, Certificate of Achievement in Data Analyst - Oneroadmap, Certificate of Excel to AI Fundamentals - Techzonce, Elite Gold Course Completion Certificate in Data Analytics with Python - VTU, Elite Gold Course Completion Certificate in Internet of Things - VTU, Elected for Infosys Springboard Virtual Internship 6.0

Sahana N : Aerohack, Gen AI Exchange Program, AI Lab Series, Nukri Campus Young Turks - 2025

Gen AI Exchange Hackathon: Sahana N, Sakshi M.L

Code Fix (CIT, AI & DS): Sithara Sachin, Prajna Ponnamma

Debate Competition: Sahana N, Livith, Varun

Preksha H. B. successfully completed certification courses in Deloitte Australia Cyber Job Simulation on Forage - June 2025, Deloitte Australia Data Analytics Job Simulation on Forage - June 2025, Deloitte Australia Technology Job Simulation on Forage - July 2025, Tata Group Data Analytics Job Simulation on Forage - July 2025, Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage - July 2025, AWS APAC Solutions Architecture virtual experience program on Forage - July 2025.

Vamsi Aiyappa successfully completed the 4-Day SQL Basic Course offered by Newton School and Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage - July 2025.

Nisargha has successfully completed a course on Introduction to Generative AI by Google Cloud .

Apta has also completed Introduction to Generative AI by Google Cloud .

Tarun N P has also completed Introduction to Generative AI by Google Cloud , Data Analyst Certification by OneRoadmap .

Champions in Action - 2025

Basketball: K.A. Manisha, Trisha Thangamma A.M, Myla Accamma T.B, Priyanka H.J, Mrudula K.R, M.M. Aaptha Dechamma, Yuktha Muthamma K.D, Punya Poovamma K.A, Dayaan Dechakka M.S

Table Tennis: K.A. Manisha, Trisha Thangamma A.M

Tug of War: Sahana N, K.A. Manisha, Priyanka H.J, Vamshi Aiyappa P, Sithara Sachin, M.M. Aaptha Dechamma, Lipika Cauveramma C.P, Thasmay

Short Put: Sahana N - 1st Place

Hockey: K.A. Manisha, Devaiah C.K, Dhyan Kaverappa K.D, Sathvik Munthanna N.S, Bopanna K.M, Lipika Cauveramma C.P, Avnish Mandappa K.N, Sanchith Thimmaiah K.T, Achal Devaiah I.R

30-Yard Cricket Tournament (Season 1): Runners-up - Manoj M Jadav,tilak

Represented VTU in South Zone Women's Hockey at Bharathidasan University, Tamil Nadu
Winners - Revels Cup 2025 (Women's Hockey), MIT Manipal - K.A. Manisha awarded "Woman of the Tournament"

Runners-up - VTU State-Level Women's Hockey Tournament, BITM Ballari

Hockey achievements

- From 9th to 12th March 2025, our college teams made a remarkable mark at the Reveals Hockey Cup, hosted by Manipal University Avnish (2nd semester), Devaiah C.K, Dhyan Kaverappa, Sathvik, Bopanna (4th semester). The Women's team featured Aaptha, Lipika, Jashmi, and Ruchitha (4th semester), with Manisha (6th semester)



- On 20th May 2025, our college women's hockey team delivered an outstanding performance at the VTU State-Level Hockey Tournament, held in Ballari and hosted by BIMT. The team featured Yashmi and Dayaan - 2nd semester, Aaptha, Vamshi, Ruchitha, Jashmi, and Muktha - 4th semester, along with Manisha - 6th semester from the department of Artificial Intelligence and Data Science



- From 15th to 17th May 2025, our college hockey team showcased exceptional skill and determination at the VTU State-Level Hockey Tournament, held in Ballari and hosted by BIMT. Devaiah C K earned a prestigious selection to represent VTU University at the National Level Hockey Tournament

- On 11th April 2025, our college proudly participated in the MYCAS Inter-College State-Level Hockey Tournament, showcasing both talent and teamwork on the field. Representing us with skill and determination were Avnish and Sanchith from the 2nd semester, along with Devaiah C K, Dhyan Kaverappa, and Sathvik from the 4th semester.



Athletic Meet

- From 15th to 18th March 2025, the VTU 26th State-Level Inter-Collegiate Athletic Meet was held at Jawaharlal Nehru New College of Engineering, Shivamogga. Jeevan H.S. participated in the event, competing against some of the finest athletes from various institutions.

Cloud of **CREATORS**

Sahana N

~ Logo Designer

Sakshi M L

~ Banner Designer

Sethulakshmi P

~ Suggested “Prajnachetana” Name for Magazine

Sahana N & Sakshi M L

~ Editors of Prajnachetana 1.0

Batch 2022~26



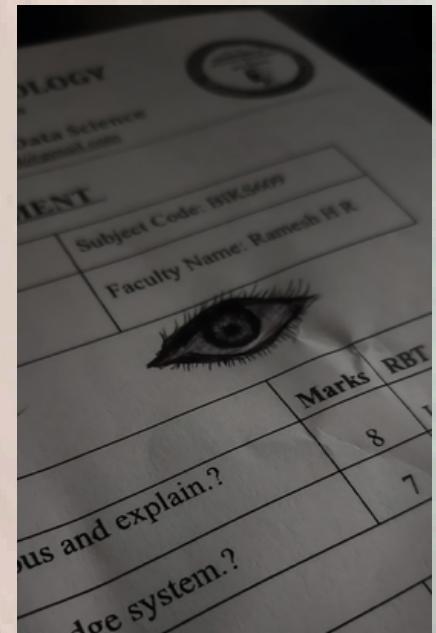
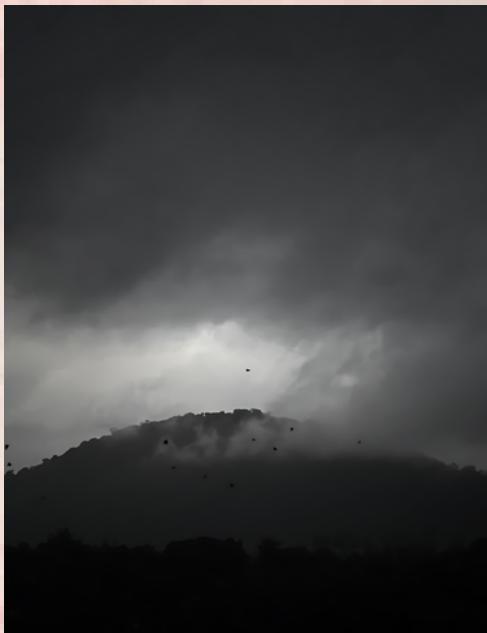
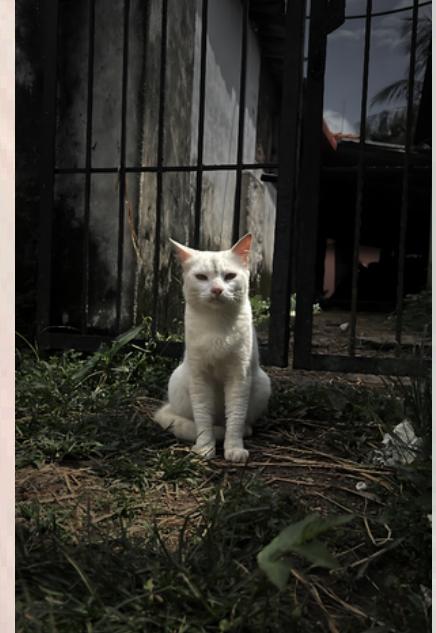
Batch 2023-27



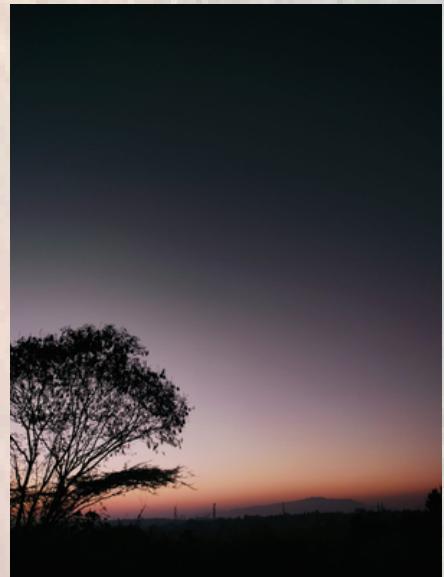
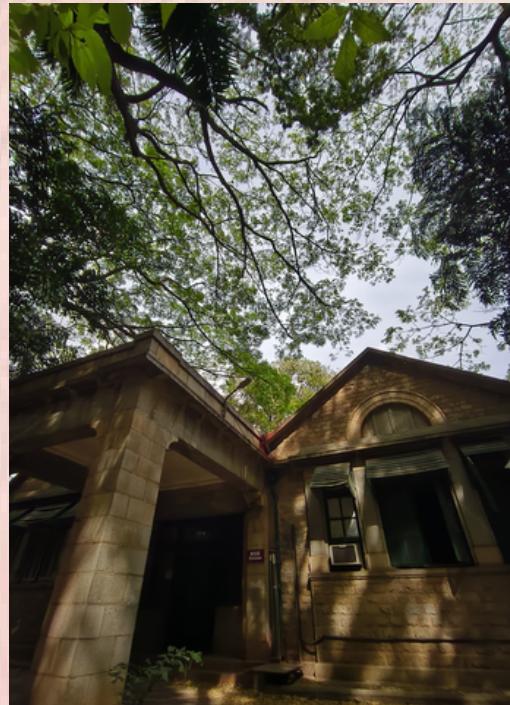
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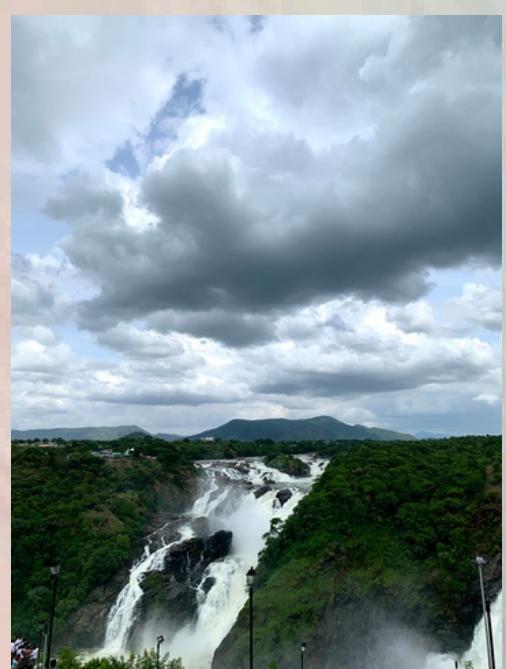
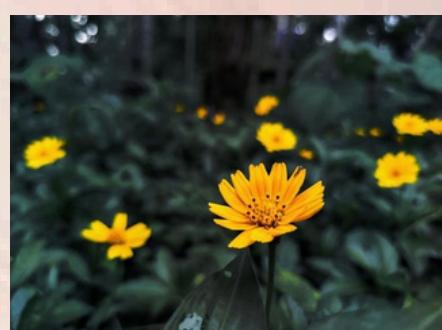
Photography ORBIT



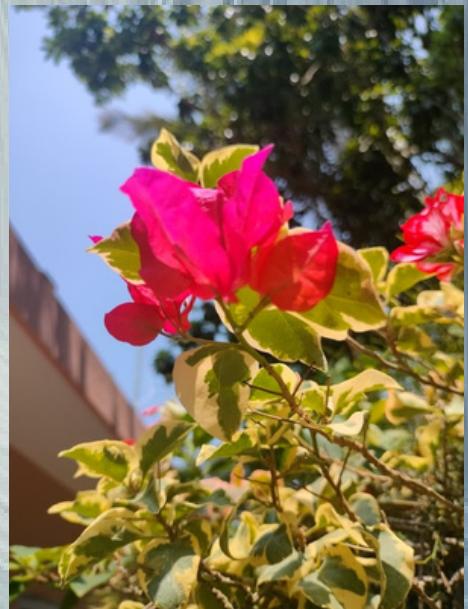
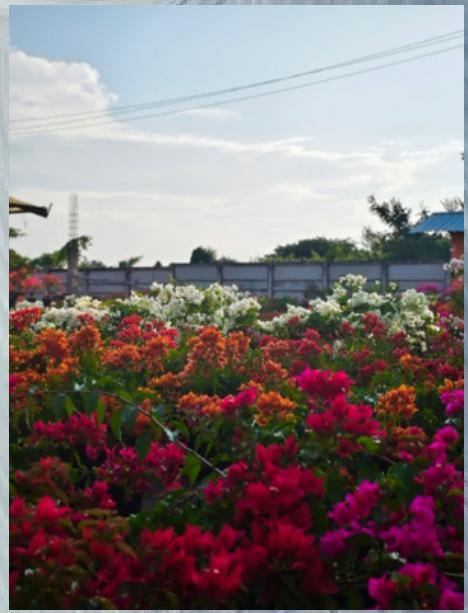
Akshay CV (7th sem)



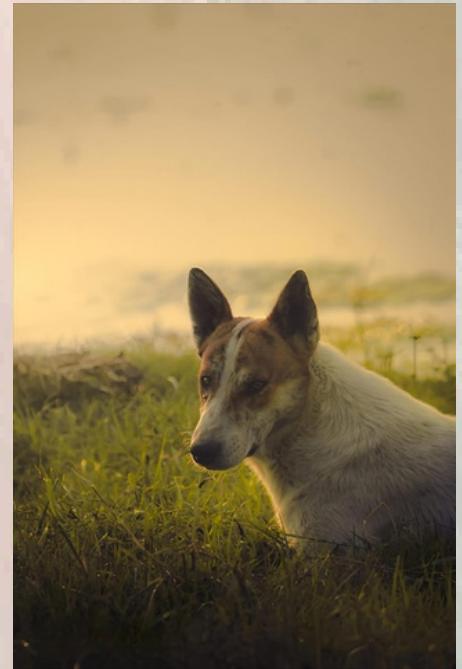
Sahana N(7th sem)



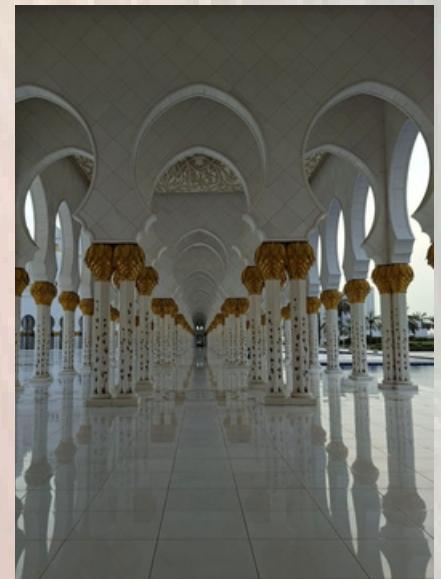
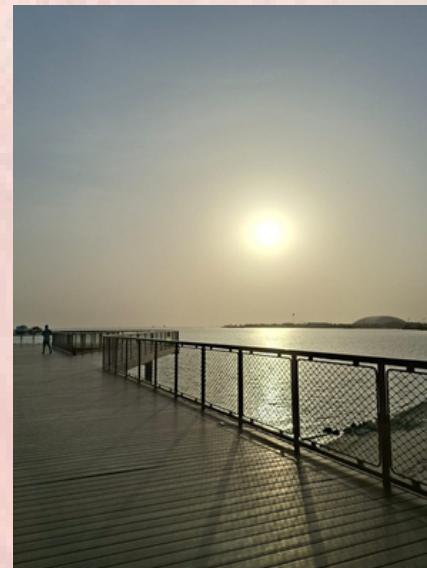
Sohil Athar (7th sem)



Sakshi ML (5rd sem)



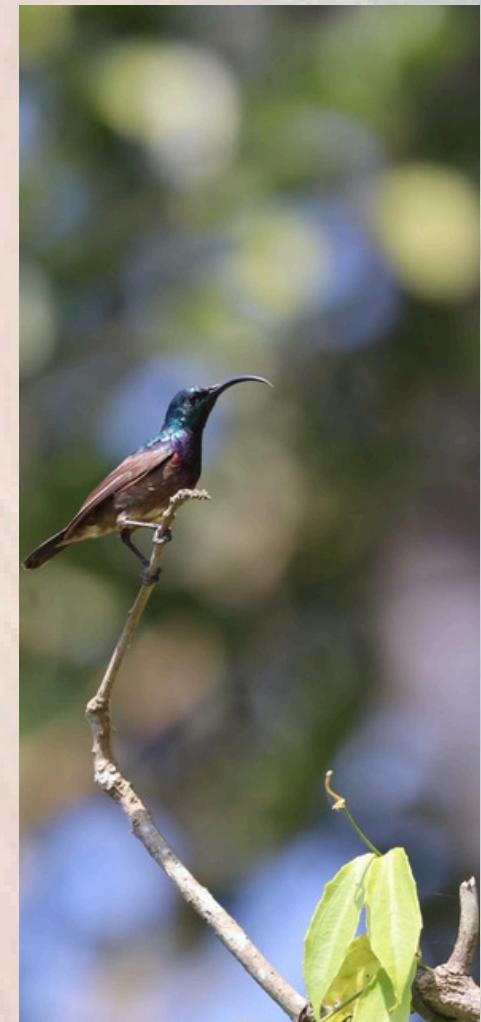
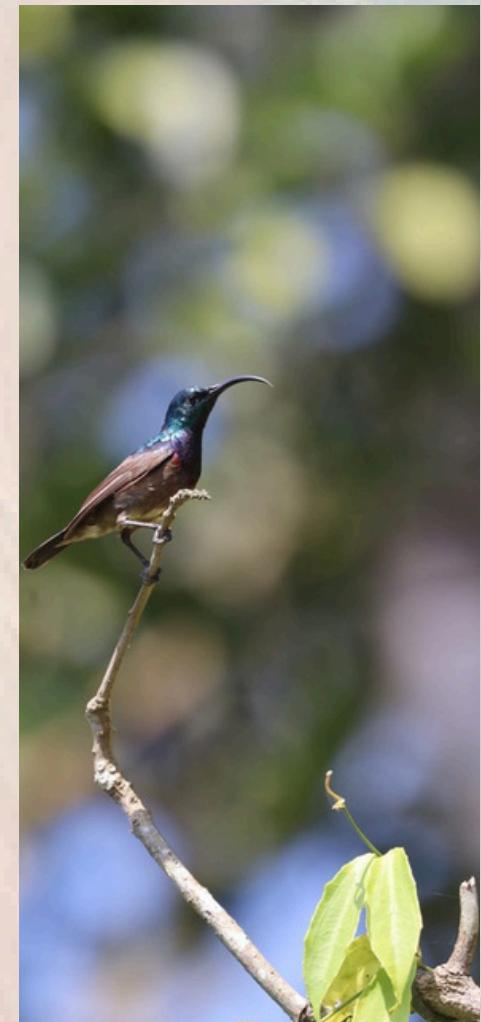
Tarun N. P (3rd sem)



Diya Poovamma (5rd sem)



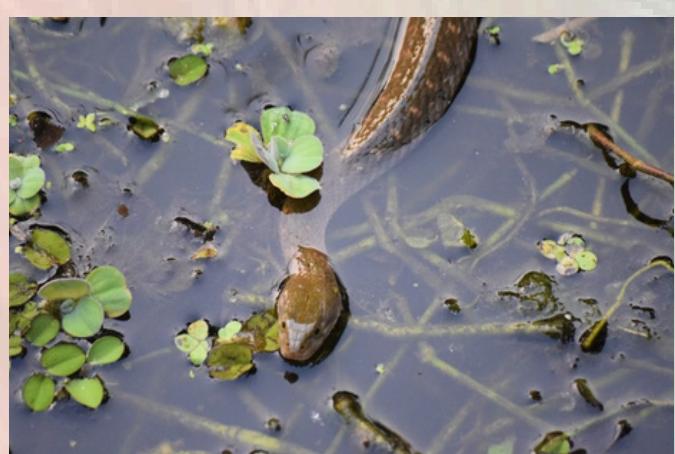
Jashmi (5rd sem)



Chaman Aijanna MV (5th sem)



Seethamma (5th sem)

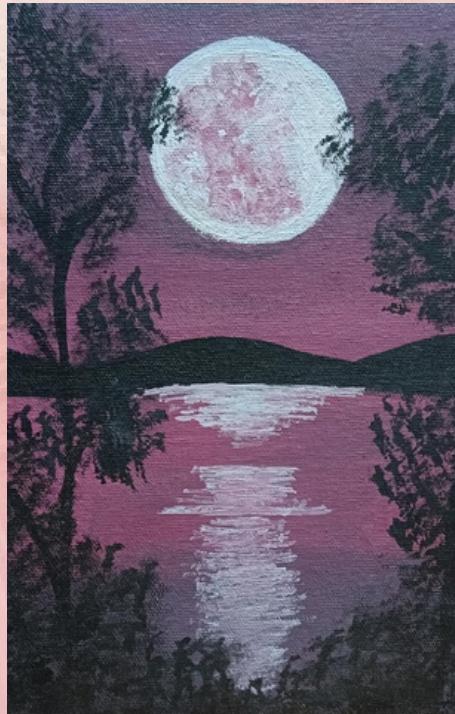


Yashmi (3rd sem)

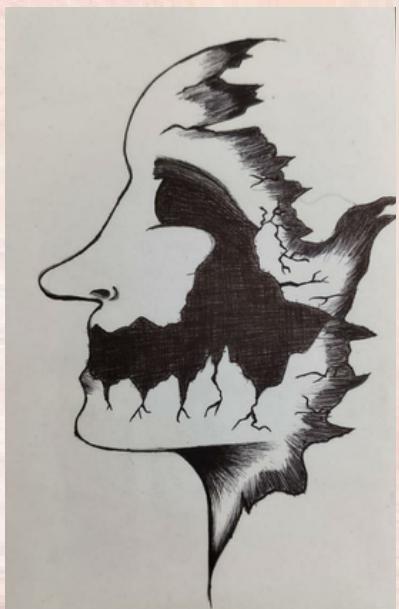
Creative ORBIT



Nikhath (7th sem)



Dechamma BL (7th sem)



Kaveri (5th sem)



Kamalneeth Kaur Saini (5th sem)

Poetry ORBIT

"Finding Peace in Chaos"

The world is loud, my heart unsure,
A thousand thoughts, no simple cure.
Yet somewhere deep, beneath the noise,
A whisper calls—my inner voice.
Not every storm must end in fear,
Some teach the calm that waits so near.
In chaos, I have come to see,
Peace was never gone—it lived in me.

-Sahana N

ARTICALS

"Bridging The Gap : How Technology Can Preserve Our Cultural Heritage "

As time goes by, both our Nation and the Technology is developing rapidly. But some things like our Cultural Heritage just stays solid. Our cultural heritage is something that should never be lost amidst this fast-changing world. By incorporating the latest innovations, we can "bridge the gap" between the past and the present, ensuring that the rich history and cultural heritage is passed down to the future generation.

THE ROLE OF TECHNOLOGY IN CULTURAL HERITAGE PRESERVATION: -

Technological revolutions or advancements such as Artificial Intelligence (AI) ,3-D scanning and Virtual Reality (VR) have revolutionized the way we store, restore and interact with cultural heritage. These tools help our conservators and researchers by providing them with innovative solutions.

3-D scanning is one of the most transformative technologies in heritage preservation. It is a non-invasive method which helps in creating precise digital replicas for detailed analysis and documentation without damaging the original artifact. For instance, the Mausoleum at Halicarnassus, this ancient structure being one of the Original Seven Wonders, has been digitally reconstructed through advanced 3-D modelling for a thorough preservation and detailed study of its architectural features. One more important use of 3-D scanning is that it allows museums to display replicas for the world to see while being able to preserve the original piece. And Virtual Reality is something extraordinary too because it gives the users the experience of visiting and exploring the ancient sites without having to be there physically. Educational institutions are adopting VR to enhance learning experiences, enabling the students to interact or engage with the history effectively. Also, nowadays both AI and machine learning plays a pivotal role in analyzing vast amounts of data related to cultural heritage. These algorithms can predict the potential risks to artifacts based on environmental factors, guiding conservators in preventive measures.

One notable project showing how technology is effectively preserving cultural heritage is the case of Mogao Caves. In China laser scanning techniques have been employed to digitize the ancient murals and sculptures within the Mogao Caves. This initiative was taken for not only preserving these fragile artworks but also to create a virtual environment for the global audience without causing any further wear.

Conclusion:

As we go through the complexities of modern society, it is essential to recognize that technology can serve as a powerful ally in preserving our cultural heritage. Through collaborative efforts between the technocrats, historians, and communities, we can continue to protect our cultural legacy while encouraging a deeper appreciation for the tradition that made us who we are today.

By ,

Sithara Sachin

6th Sem AI&DS

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Editors ORBIT

Dear Readers,

As we step into the post-monsoon season, it is with immense excitement and pride that we present to you this latest edition of Prajnachetana. This issue represents the culmination of our efforts and creativity over the previous semester, bringing together the ideas, experiences, and expressions that have shaped our collective journey.

Our editorial team has poured their heart and soul into this issue, weaving a rich tapestry of stories, reflections, and visual artistry that we hope will not only captivate but also inspire you. The pages ahead are a reflection of our ongoing commitment to offering diverse perspectives and thought-provoking content.

We are excited to share this issue, which delves into themes that resonate deeply with our evolving times. Our cover story on "Prajnachetana" highlights the concept as "awareness of wisdom" or "conscious intelligence," reminding us of the power of mindfulness and understanding in shaping a better world.

This journey would not have been possible without the incredible contributions of our talented writers, photographers, and designers, whose creativity and dedication have enriched this magazine. We extend our heartfelt gratitude to each of them for their passion and excellence.

We also wish to acknowledge you, our valued readers. Your enthusiasm, feedback, and support continue to inspire us to push the boundaries of what we can achieve. The connections we've built through Prajnachetana mean the world to us, and we are always eager to hear your reflections on the stories we share. Your engagement not only fuels our creativity but also helps us stay connected to the issues and ideas that matter most to you.

As you turn these pages, we invite you to immerse yourself in the content, reflect on the ideas presented, and join us in celebrating the diverse voices and perspectives that make our world so vibrant and fascinating. Our goal remains to create a space where exploration and discovery are always just a page away.

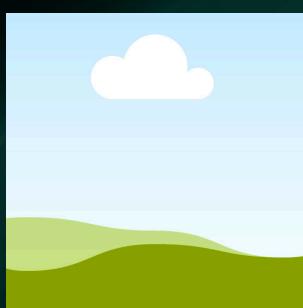
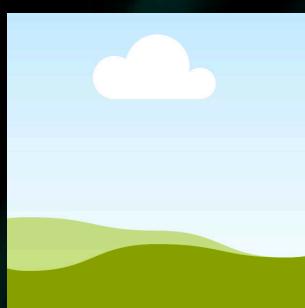
Thank you for being an integral part of the Prajnachetana community. We are thrilled to continue this journey with you and look forward to hearing your thoughts on this issue.

With warmest regards,

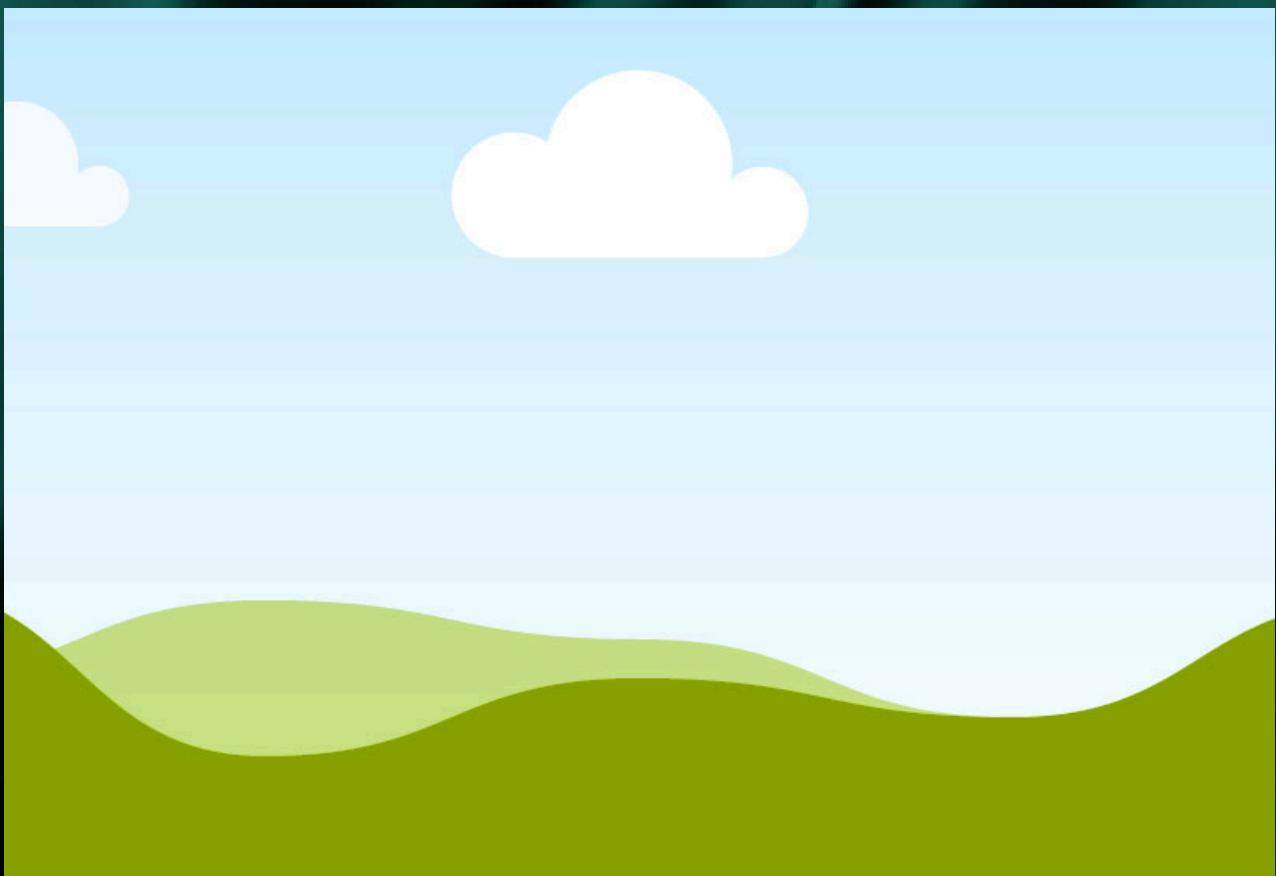
Sahana N., Sakshi M. L., and Tarun N. P.

Editors-in-Chief

Prajnachetana



Editorial TEAM



From Right to Left:

Prof. Ramesh H R(HOD)

