



Estd:1939

**KARNATAK LAW SOCIETY'S**

**GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI**

An Autonomous Institution under Visvesvaraya Technological University accredited  
by NAAC A+ and NBA "Jnana Ganga", Udyambag, Belagavi- 590008



Estd:1979

**DEPARTMENT  
OF  
COMPUTER SCIENCE &  
ENGINEERING**

**BITS & BYTES**

**NEWSLETTER**

VOL 1. ISSUE 2

# ABOUT US



KLS GIT is the flagship Institute of Karnatak Law Society, Belagavi established in the year 1979. KLS GIT is Approved by AICTE and UGC, permanently affiliated and Autonomous under Visvesvaraya Technological University (VTU), Belagavi and conferred with NAAC A+ and NBA accreditation. KLS GIT offers 10 UG including B.Sc. (Hon.) and B.Arch., 7 PG including MBA, MCA and Integrated MCA. Also runs 10 Research Programmes approved by VTU, Belagavi. KLS GIT has the honor of sheltering over 4500 students and more than 250 qualified and motivated faculty. KLS GIT has Excellent infrastructure spread over 23 acres of mango meadows comprising of excellent facilities like Flexible Manufacturing System (FMS), 3-D Printing, CAD/CAM, AI & ML, Python, Data Science & Cyber Security, Structural & Transportation Engineering, Digital Signal Processing, Network Analysis, VLSI, High Voltage Engineering, Power Systems, Aerodynamics, Aircraft propulsion and Advanced Flight Simulation and Nano Science.

# PRINCIPAL'S MESSAGE



## Greetings All!

I am extremely happy to see the re-launch of <http://www.git.edu/>, the official website of Gogte Institute of Technology. Our institute has been a hub of many activities of excellence and achievements both by students and staff. The website would provide an effective platform to showcase all such details. Also, this would serve as a motivating tool for all concerned. GIT has been known for its academic credentials coupled with holistic growth in all directions and spheres. The first decade of 21st century has been really great for GIT. The institute has achieved a series of milestones. Credit for the same undoubtedly goes to our brilliant students and dedicated staff. We are thankful to the Chairman and Members of Karnatak Law Society and Governing Council who have been always encouraging and supportive for all our endeavors. We are sure that, GIT will reach newer heights in the days to come as we believe in ourselves..

**Dr. M. S. Patil**  
**Principal**

# HOD'S MESSAGE



## **Warm Greetings!**

It gives me immense pleasure to announce that the Department of Computer Science is releasing its first newsletter for the Academic Year 2023-24, Odd Semester. The purpose of this newsletter is to highlight and celebrate the activities and achievements of our dedicated faculty and talented students within the department. We take pride in providing an exceptional academic environment, driven by a team of highly qualified faculty members who inspire our students to hone their technical skills and foster a spirit of teamwork.

I would like to extend my heartfelt congratulations to the faculty coordinator and all the student members of the Editorial Team for their collaborative efforts in releasing the inaugural volume of our newsletter, "Bites & Bytes."

As the Head of the Department, I would also like to take this opportunity to express my gratitude to all the faculty members, non-teaching staff, and students for their unwavering support and sincere efforts towards the continuous betterment and development of our department.

**"Keep Learning and Keep Growing."**

**Dr. Sanjeev S. Sannakki**

**Prof & Head of The Department**

# EDITORIAL BOARD



**Dr. Sanjeev S. Sannakki**  
**Prof & Head of The Department**

**Editorial Head**

# EDITORIAL TEAM



**Prof.Sagar Pujar**



**Prof.Pavan Korlahalli**



**Mr.Aditya Math**



**Mr.Advay Suryavanshi**

ISSUE 2 | VOL. 1 | SEP - DEC 2024

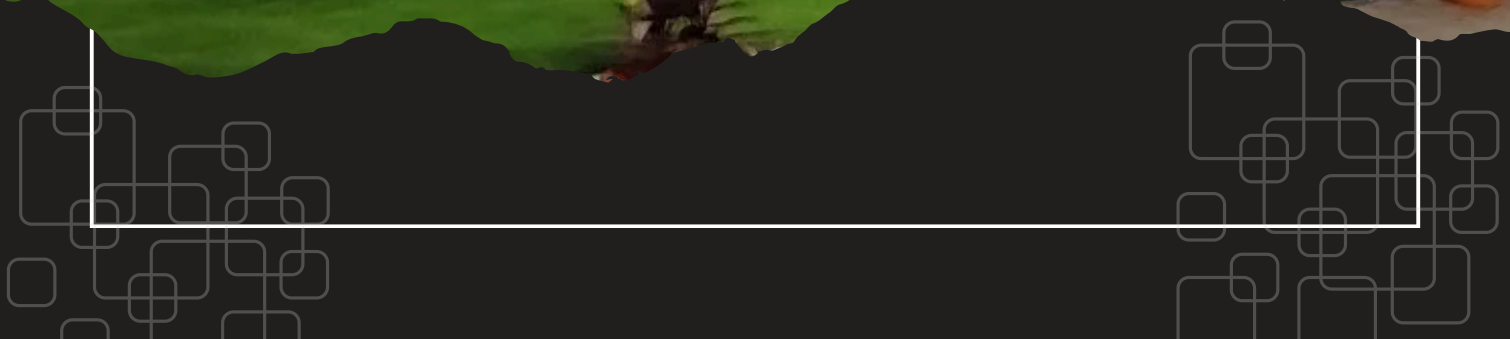
# BITS & BYTES

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



## ACADEMIC EXCELLENCE

STANDING ON TOP OF THE WORLD AND  
TAKING IN THE AWE-INSPIRING PANORAMIC





STANDING ON TOP OF THE WORLD AND  
TAKING IN THE AWE-INSPIRING PANORAMIC

# ACADEMIC EXCELLENCE

## Ecstatic achievement NPTEL Topper



NLP libraries

 NPTEL

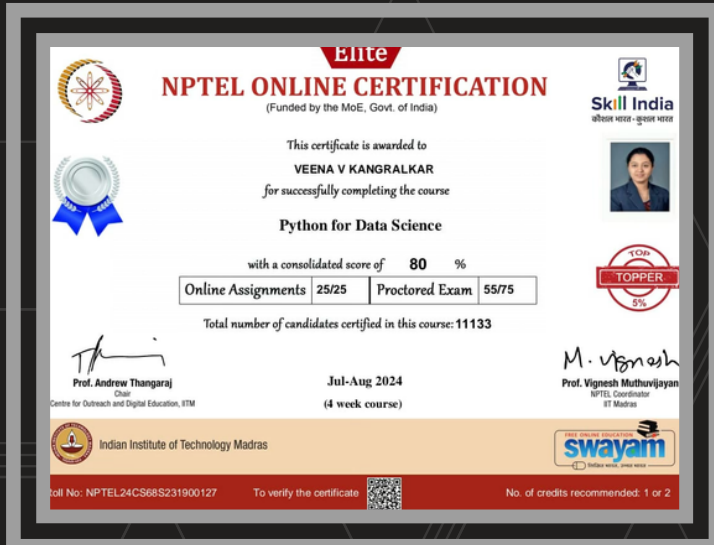
### Computer Science

Python's NLP libraries provide tools for topic modeling and document similarity analysis, aiding content recommendation systems. I've embraced the challenges of building software, knowing that my proficiency in

Veena V. Kangralkar for her outstanding achievement as an NPTEL Topper in the course "NLP Libraries" under Computer Science.

Her remarkable accomplishment highlights her dedication to exploring advanced tools in Python's NLP libraries for topic modelling and document similarity analysis.

Prof. Veena V. Kangralkar for excelling in the Python for Data Science course by NPTEL, IIT Madras, with a stellar score of 80%, ranking in the Top 5% out of 11,133 candidates. Her dedication and achievement under the Skill India initiative are truly commendable.



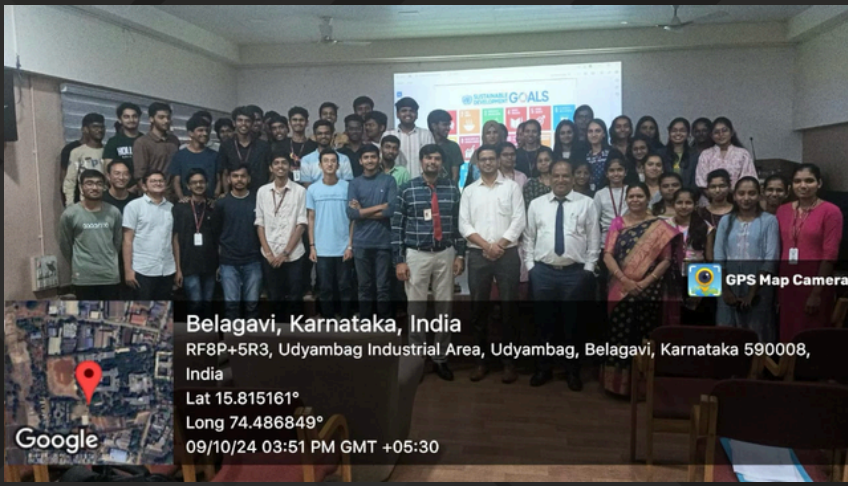
We are proud to share that Dr. Rudragoud Patil has been recognized for his exceptional contribution as a Reviewer in the prestigious International Journal of Electrical and Computer Engineering (IJECE). This recognition highlights his dedication to advancing research and maintaining high standards in scientific publishing. Being acknowledged by a Scopus-indexed journal underlines his commitment to excellence in academia and the field of Electrical and Computer Engineering.



The Department of Computer Science & Engineering is delighted to congratulate Dr. V. S. Rajpurohit on the publication of his Q3 journal paper titled "Dynamic Long Short-Term Memory Model for Enhanced Product Recommendations in E-Commerce." This research presents an advanced approach leveraging LSTM models to optimize product recommendations, significantly contributing to the fields of artificial intelligence and e-commerce.







Dr. Prashant Niranjana, Dr. Arati Shapurkar & Dr. Pavan Kunchur conducted Special Talk on "Sustainable Development" as Part of Social Connect & Responsibility.

The session was delivered by the distinguished speaker, Mr. Bharat B, Deputy Director at the District Industries Center, Belagavi, who shared profound insights into sustainable development and the pressing societal challenges of our time.

This impactful session was primarily aimed at 3rd-semester undergraduate students, equipping them with a broader perspective on sustainable practices and their importance in creating a better future.



The Department of Computer Science & Engineering proudly hosted the Aura 25 Hackathon, a spectacular event that brought together innovation, teamwork, and creativity. Led by the inspiring guidance of Dr. Sharada, Dr. Kuldeep, and Prof. Sagar, along with the unwavering support of our dedicated student volunteers, the event turned out to be a remarkable success.





## LAUNCH OF UIPATH INNOVATORS CLUB

We are delighted to announce the successful launch of the UiPath Innovators Club on 9th October 2024, a visionary platform dedicated to fostering innovation and empowering our community in the dynamic field of Robotic Process Automation (RPA).

The event was graced by our esteemed Principal, Dr. M. S. Patil, who emphasized the importance of innovation and practical learning in a technology-driven world. Adding immense value, Ms. Kritika Patil, RPA Developer at ACL Digital, shared insightful perspectives on emerging RPA trends, inspiring the audience and setting an ambitious vision for the club's future.

This launch marks a significant step toward nurturing creativity and collaboration in automation.



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ESTD 1939

ESTD 1979

**Invitation to the Inaugural Launch of Our  
Department of Computer Science & Engineering  
E- News Letter**

We are excited to announce the launch of our  
very first edition of the Computer Science E - News Letter!

Join us for this milestone event as we celebrate  
the collective effort, knowledge, and creativity of  
our students and faculty.

**DR. M.S.PATIL  
PRINCIPAL  
CHIEF GUEST**

NOVEMBER  
WEDNESDAY **6** 3 : 30 P.M.  
2024

**VENUE:-DT9 CLASSROOM**

Aditya.Math Advay.Suryavanshi Student Coordinators	Prof.Pavan K. Korlahalli Prof.Sagar.Pujar Magazine Coordinators	Dr. Sanjeev S. Sannakki H.O.D
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## Inaugural Launch of the Computer Science & Engineering Department's E-Newsletter

The Department of Computer Science & Engineering at KLS Gogte Institute of Technology, Belagavi, proudly announces the launch of its very first E-Newsletter. This milestone event will celebrate the collective effort, creativity, and knowledge of our students and faculty, showcasing the department's achievements and initiatives.



The event will be graced by our Chief Guest, Dr. M.S. Patil, Principal, whose presence will inspire the team behind this initiative.

Special thanks to the magazine coordinators, Prof. Pavan K. Korlahalli and Prof. Sagar Pujar, and student coordinators, Aditya Math and Advay Suryavanshi, for their dedicated efforts in making this newsletter a reality.

Join us as we embark on this new journey, celebrating the innovative spirit and accomplishments of our department.



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**ESTD:1939** Department of Computer Science and Engineering **ESTD:1979**

**Two Day Workshop on  
Agile Development with Scrum, DevOps, and GitHub**  
(In Collaboration with Cirrus Labs Pvt Ltd, Bengaluru)

**Resource Person**  
Mr. Raghavan P.,  
Training Manager,  
Cirrus Labs Pvt Ltd Bengaluru

**Resource Person**  
Mr. Vinod Kumar  
Software Developer (DevOps),  
Cirrus Labs Pvt Ltd,  
Bengaluru



**Resource Person**  
Mr Chandrashekar Katagi,  
Software Engineer,  
Cirrus Labs Pvt Ltd  
Bengaluru

- 8th and 9th Nov 2024  
- IT Block

Prof. Girish Deshpande  
Dr. P. Y. Narayan  
Dr. Pavan Komchar  
Faculty Coordinators

Dr. V. S. Rajurohit  
Convener

Dr. S. S. Sannaikki  
HOD CSE  
KLS GIT Belagavi

Dr. M. S. Patil  
Principal  
KLS GIT Belagavi

## TWO-DAY WORKSHOP ON AGILE DEVELOPMENT WITH SCRUM, DEVOPS, AND GITHUB


The Department of Computer Science and Engineering at KLS Gogte Institute of Technology, Belagavi, is organizing a two-day workshop on "Agile Development with Scrum, DevOps, and GitHub" in collaboration with Cirrus Labs Pvt Ltd, Bengaluru. This insightful workshop will take place on the 8th and 9th of November 2024, at the IT Block of the institute.

The workshop will feature resource persons from Cirrus Labs Pvt Ltd, Bengaluru:  
Mr. Raghavan P., Training Manager  
Mr. Vinod Kumar, Software Developer (DevOps)  
Mr. Chandrashekar Katagi, Software Engineer (DevOps)

The workshop will cover essential concepts of Agile Development, Scrum methodologies, DevOps practices, and effective use of GitHub for version control, preparing participants to tackle modern software development challenges with cutting-edge tools and techniques.



We are thrilled to share the exciting news that Dr. Sharada M. Kori's contribution to the esteemed eBook, *ICT for Intelligent Systems (Proceedings of ICTS 2024, Volume 4)*, has been successfully published on Springer Nature Link. SpringerLink is a global platform that provides seamless access to research publications for readers around the world. The eBook is now accessible online, offering invaluable insights into cutting-edge developments in intelligent systems. For readers who prefer a printed edition, the book will soon be available for order via Springer Nature Link.



**Congratulations!**

Dear Sharada M. Kori,

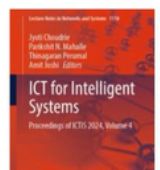
Congratulations! The eBook you contributed to has now been published on Springer Nature Link – our content platform, which offers customers and library patrons access to your publication at their workplace, home or wherever they want to read it. Readers who prefer a printed edition of your book will be able to order it from Springer Nature Link shortly.

We would like to extend our best wishes for the success of your new publication and hope you enjoyed working with us.

**ICT for Intelligent Systems**

eBook ISBN  
978-981-97-6578-9

Print ISBN  
978-981-97-6677-2





## EXPERT TALK ON "UNLEASHING THE POTENTIAL OF GEN AI IN DATA MINING"

Dr. Kavita Hanabaratti, Assistant Professor, Department of Computer Science and Engineering, organized an insightful expert talk for the 5th-semester students on the topic "Unleashing the Potential of GEN AI in Data Mining". The session featured Mr. Pavan Kashyap, Data Scientist at FISERV, Bangalore, as the resource person.

The talk focused on how Generative AI is revolutionizing the field of data mining by enabling more sophisticated data analysis, advanced visualization techniques, and enhanced insight generation. Participants gained valuable knowledge about the transformative impact of AI technologies in extracting actionable information from complex data.



The Department of Computer Science and Engineering proudly announces the successful completion of the "Introduction to Arduino UNO" skill course, conducted from November 4-9, 2024.

This immersive 36-hour program, tailored exclusively for 3rd-semester CSE students, provided a comprehensive exploration of embedded systems, sensor integration, Internet of Things (IoT) fundamentals, and practical applications.



## FOSTERING COLLABORATION: TEACHERS-PARENTS MEET AT KLS GOGATE INSTITUTE OF TECHNOLOGY

The Department of Computer Science & Engineering at KLS Gogte Institute of Technology successfully organized a meaningful Teachers-Parents Meet on 26th October 2024. This significant event served as a platform for open and constructive dialogue between faculty and the parents of our students.

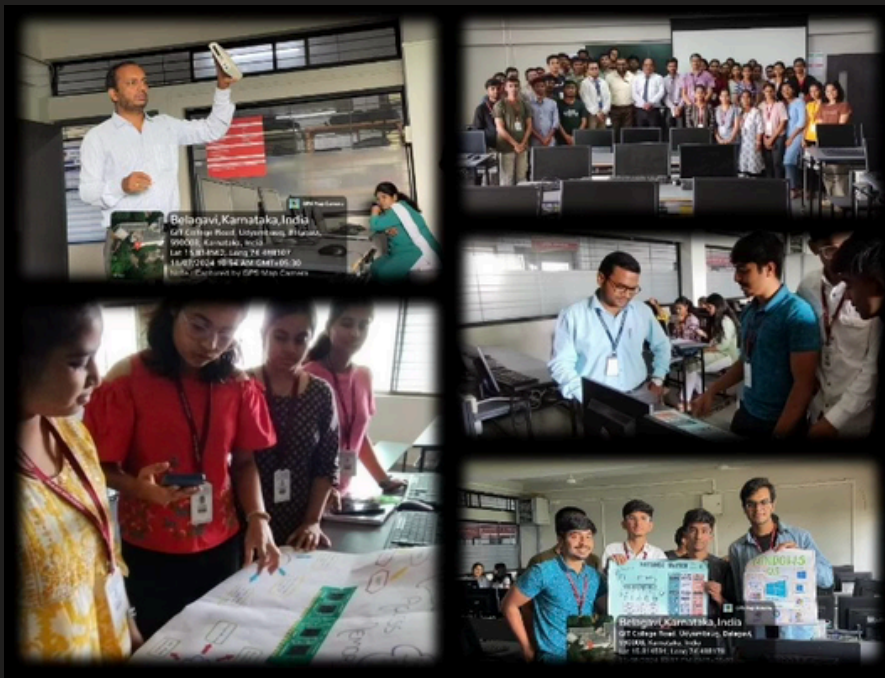
The meeting featured discussions on students' academic progress, updates on recent departmental initiatives, and an interactive session addressing queries from parents. This collaborative effort aimed to ensure that every student receives comprehensive support in their educational journey.

The success of this event underscores the importance of a strong partnership between parents and faculty in fostering students' growth and academic achievements.

## EMPOWERING YOUNG MINDS: MENTORING SESSION ON "ROADMAP TO PROGRAMMING"

On October 26, 2024, the IIC team from KLS Gogte Institute of Technology, Belagavi, conducted an engaging and self-driven mentoring session titled "Roadmap to Programming" at Divine Providence Convent High School. The session aimed to introduce students to the world of programming and emphasize its significance in today's technology-driven era.





## CELEBRATING THE SUCCESS OF THE "COMPUTER HARDWARE & NETWORKING" SKILL LAB

The Department of Computer Science and Engineering proudly celebrates the successful completion of the "Computer Hardware & Networking" Skill Lab, held from November 4-9, 2024. Designed exclusively for 3rd-semester CSE students, this program offered a unique opportunity to enhance practical expertise and gain hands-on experience in one of technology's most critical domains.



The Department of Computer Science and Engineering proudly announces the successful completion of the "WebCraft: A Hands-on Web Development" skill lab, held from November 4-9, 2024. This intensive 36-hour program, exclusively for 3rd-semester CSE students, provided participants with a solid foundation in HTML, CSS, and JavaScript, equipping them with essential skills in web development.



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ACE-CSI CHAPTER ESTD 1979

presents

# TECHNOPHILIA

A CODING COMPETITION

- Individual event
- Cash prizes for the winners

VENUE DT 09 , DT 02  
DATE 17 DECEMBER 24

**REGISTER NOW**

Lavanya Tilokani 7204580079  
Sruathi Kadalagi 8073587935  
Student Coordinators

Dr. Sharada M. Kori  
Prof. Amruta Deshpande  
Prof. Jyoti Amboji  
Faculty Coordinators

Dr. Sanjeev Sannakki  
Prof. Satish Deshpande  
HOD CSE  
Dean Student Affairs

Dr. M. S. PATIL  
Principal



## TECHNOPHILIA: A PREMIER CODING COMPETITION!

The Department of Computer Science and Engineering at Gogte Institute of Technology, in association with the ACE-CSI Chapter, presents Technophilia on December 17, 2024. Compete for exciting cash prizes, showcase your coding skills, and connect with fellow tech enthusiasts.



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ESTD 1939 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
ACE-CSI CHAPTER ESTD 1979

presents

# GIT MANIA

Brains, Fun, and a Dash of Chaos

**3 ROUNDS**

18 DECEMBER 2024  
10 AM ONWARDS  
VENUE : DT-9 IT BLOCK

**REGISTER NOW**

Kalashri Dalvadnya 9481721023  
Sneha Dabadi 8945640058  
Student Coordinators

Dr. Sharada M. Kori  
Prof. Amruta Deshpande  
Prof. Jyoti Amboji  
Faculty Coordinators

Dr. Sanjeev Sannakki  
Prof. Satish Deshpande  
HOD CSE  
Dean Student Affairs

Dr. M. S. PATIL  
Principal



## GIT MANIA - A FUN-FILLED EVENT!

The Department of Computer Science and Engineering, in collaboration with the ACE-CSI Chapter, is excited to invite you to IT MANIA, a fun-filled event designed to inspire creativity, innovation, and collaboration.



**Workshop on  
Business Analytics, Data Analysis  
and Career Pathways**

Date:-10/12/2024



**IEEE WORKSHOP: INSIGHTS INTO  
BUSINESS AND DATA ANALYTICS**

The IEEE Information Theory Society, in collaboration with Upskill Digital Academy, successfully organized a FREE Workshop on Business Analytics, Data Analytics, and Career Pathways on Tuesday, 10th December 2024. With over 60 eager participants, the workshop offered valuable insights into the distinctions between Business Analytics and Data Analytics, career opportunities in the field, and a hands-on live demo showcasing analytics applied to real-world marketing problems. Participants also received physical certificates, enhancing their CVs and LinkedIn profiles.



**🌟 CPL 2024: A GRAND FINALE UNDER ACE-CSI! 🌟**

We are thrilled to announce the successful completion of CPL 2024, marking the grand conclusion of this year's incredible ACE-CSI journey. A heartfelt thank you to our esteemed guiding pillars—Dr. M. S. Patil (Principal), Dr. Sanjeev Sannakki (HoD, CSE), our dedicated Faculty Coordinators, Supporting Staff, and especially the passionate BOD members, whose unwavering commitment made every milestone a reality. This year has been defined by innovation, collaboration, and a relentless pursuit of excellence. As we bid farewell to an extraordinary 2024, we look forward to reaching even greater heights in the future.



## KLS GIT STUDENTS SHINE AT SMART INDIA HACKATHON 2024 FINALS!

We are delighted to share that a talented team from the Department of Computer Science and Engineering at KLS Gogte Institute of Technology, Belagavi, has secured a spot in the prestigious Finals of the Smart India Hackathon 2024! Organized by the Ministry of Electronics and IT, Government of India, this renowned national-level competition showcases innovation, creativity, and problem-solving skills, making this accomplishment a significant milestone for our institute.

Heartiest congratulations to our brilliant team members:

Niraj Vernekar, Avinash Pauskar, Ganesh Kugaji, Keerti Patil, Om Vasudev, Akash Mathad

We extend our deepest gratitude to their mentor, Prof. Sagar Pujar, for his invaluable guidance and support throughout this remarkable journey.

Your hard work and dedication have made us proud. Best wishes for the Finals—go make your mark on the national stage!



### 🎉 IDEA GARAGE: A TRIUMPH OF INNOVATION AND COLLABORATION! 🎉

The Department of Computer Science and Engineering, in partnership with CodeChef KLS GIT Chapter, ACE CSI, and IEEE Student Chapter, proudly hosted the Idea Garage: An Open House Hackathon Workshop on 19th November 2024. The event was a resounding success, sparking creativity and fostering collaboration among students and professionals alike.

This inspiring workshop featured interactive panel discussions and engaging hands-on activities, providing participants with fresh perspectives and practical strategies for excelling in future hackathons. The energy and enthusiasm of attendees created an unforgettable atmosphere of learning and innovation.



**Project Expo 2K24: Unleashing Innovation, Transforming Ideas into Reality**  
 The Department of Computer Science & Engineering at KLS Gogte Institute of Technology, Belagavi, proudly presents Project Expo 2K24, a dynamic platform for students to showcase their creativity, innovation, and problem-solving skills.

**Date:** Monday, 16th December 2024

**Venue:** KLS GIT, Belagavi

This event highlights how innovative ideas can evolve into impactful solutions, fostering a culture of technological excellence.

We are privileged to host distinguished judges from the industry:

- Mr. Naveed Mulla | B+M Surface Systems, Belagavi
- Mr. Raghavendra Patil | Marketing Platform Auto Analyst, Accenture
- Mr. Shriniket Katti | Software Engineer, PWC

We extend a warm invitation to students, industry professionals, and tech enthusiasts to join us, explore groundbreaking projects, and witness the future of technology in action.

Special thanks to our event coordinators and faculty:

Dr. Pavan Kunchur, Prof. Sudha Salake, and Prof. Pavan Korlahalli, for their unwavering efforts in organizing this event.



**Best Industry Project Award at Project Expo 2024**

We are thrilled to announce that the Best Industry Project Award at Project Expo 2024 has been presented to the talented team behind the ASRS Car Parking Booking System at Creintors! The project, developed by Sushmita, Shrinidhi, Vaishnavi, and Shilpa, under the expert guidance of Dr. Sharada Kori, demonstrates exceptional creativity and engineering excellence in addressing real-world challenges. This achievement is a testament to the team's innovative approach and commitment to transforming ideas into impactful solutions. Congratulations to the entire team for their outstanding work!



## CENTRAL LEVEL AWARD FOR "AUTOMATED TOOL DISPENSING AND MANAGEMENT SYSTEM"

We are proud to announce that the industrial project "Automated Tool Dispensing and Management System", developed for OctaKnight Pvt. Ltd. by Miss. Riddhi Karnawat, Mr. Sushant Baliga, and Miss. Swarali Chillal, has won the prestigious prize at the central level.

Guided by Prof. Shubhada Kulkarni, this innovative project stands as a remarkable example of how engineering solutions can optimize industrial processes and improve operational efficiency.

Congratulations to the entire team for their outstanding achievement and their significant contribution to real-world industry applications!



## BEST PROJECT IN IMAGE PROCESSING AWARD

We are excited to share that Master Prabal Birajdar, a student guided by Prof. Veena Lalbeg, has received the Best Project in Image Processing Award for his outstanding industrial innovative project.

This recognition highlights Prabal's dedication to advancing the field of image processing and his ability to develop innovative solutions. Congratulations to Prabal and Prof. Lalbeg for this remarkable achievement!

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Conferences > 2024 3rd International Confer... ?

## A Proposed Model for Machine Learning-Based Early Chronic Kidney Disease Detection

Publisher: IEEE

Cite This

Sonam Bhandurge ; Kuldeep Sambrekar ; Shridhar Allagi ; Vijay S. Rajpurohit ; Sanjeev Sannakki

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Feedback

**IEEE Xplore Publication: "A Proposed Model for Machine Learning-Based Early Chorionic Kidney Disease Detection"**

We are pleased to announce that Dr. K. P. S. and Research Scholar Ms. Sonam Bhandurge have had their paper titled "A Proposed Model for Machine Learning-Based Early Chorionic Kidney Disease Detection" published in the prestigious IEEE Xplore. This groundbreaking research introduces an innovative machine learning model designed for the early detection of chronic kidney disease, offering significant potential in healthcare diagnostics. Congratulations to both authors for their outstanding contribution to the field of medical technology and artificial intelligence!



We are thrilled to share our incredible journey at the Hackathon organized by JSS Science and Technology University, Mysore, on the 13th and 14th of December 2024. Representing the Department of Computer Science, our team, comprising Yogesh Balgi, Suyog Karekar, Neha Mahule, and Sahil



Arate, worked on a health-related OPD management project that successfully secured a spot among the 15 shortlisted teams in the Social Innovation domain, out of over 1,000 registrations from across Karnataka, including participants from some of the top colleges in Bengaluru and Mysore.

Expert Talk on "Unleashing the Potential of GEN AI in Data Mining" Dr. Kavita Hanabaratti, Assistant Professor, Department of Computer Science and Engineering, organized an insightful expert talk for the 5th-semester students on the topic "Unleashing the Potential of GEN AI in Data Mining". The session featured Mr. Pavan Kashyap, Data Scientist at FISERV, Bangalore, as the resource person.



The talk focused on how Generative AI is revolutionizing the field of data mining by enabling more sophisticated data analysis, advanced visualization techniques, and enhanced insight generation. Participants gained valuable knowledge about the transformative impact of AI technologies in extracting actionable information from complex data.

# ACHIEVEMENT

## FACULTY ACCOMPLISHMENTS



### Elite NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**SEENA KALGHATGI**  
for successfully completing the course

**Introduction to Machine Learning**

with a consolidated score of **66** %

Online Assignments	20.38/25	Proctored Exam	45.15/75
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Total number of candidates certified in this course: **4541**

Prof. Andrew Thangaraj

Chair  
Centre for Outreach and Digital Education, IITM

Jul-Oct 2024  
(12 week course)

Prof. Vignesh Muthuvijayan

NPTEL Coordinator  
IIT Madras

Indian Institute of Technology Madras



toll No: NPTEL24CS101S654600273

To verify the certificate



No. of credits recommended: 3 or 4



SEENA KALGHATGI, A PROMINENT FIGURE IN THE TECH INDUSTRY, HAS RECENTLY ATTAINED THE PRESTIGIOUS NPTEL ONLINE CERTIFICATION BY SUCCESSFULLY COMPLETING THE DEMANDING "INTRODUCTION TO MACHINE LEARNING" COURSE, OFFERED BY THE INDIAN INSTITUTE OF TECHNOLOGY MADRAS. THIS 12-WEEK PROGRAM, SUPPORTED BY THE MINISTRY OF EDUCATION, GOVERNMENT OF INDIA, SAW HER SECURING AN IMPRESSIVE CONSOLIDATED SCORE OF 66%.

Jyoti Y Amboji Achieves Elite NPTEL Certification  
We proudly congratulate Jyoti Y Amboji for earning the prestigious Elite Certificate in "Introduction to Internet of Things" through the NPTEL program by the Ministry of Education, Government of India.



With an impressive 93% score, including a perfect 25/25 in Online Assignments and 67.5/75 in the Proctored Exam, Jyoti ranks among the Top 1% performers in a course with over 33,000 participants.



**Achievement Highlight:**  
Excellence in IoT Certification  
Dr. Sharada M. Kori has earned the prestigious Elite NPTEL Online Certification in the Introduction to the Internet of Things course offered by IIT Kharagpur. Demonstrating exceptional performance, Dr. Kori achieved a consolidated score of 93%, ranking in the top 1% among 33,131 participants.

The certification, spanning 12 weeks (Jul-Oct 2024), emphasizes her commitment to continuous learning and excellence in the rapidly evolving field of IoT. This accomplishment underscores her expertise and dedication, setting a benchmark for professional and academic success.



Savita Bakare, a distinguished professional, has recently earned an NPTEL Online Certification for completing the rigorous course "Introduction to Machine Learning" conducted by the Indian Institute of Technology Madras. This 12-week program, funded by the Ministry of Education, Government of India, saw her achieve a commendable consolidated score of 54%



EXCELLENCE IN PROGRAMMING: VEENA V. KANGRALKAR  
Veena V. Kangralkar has achieved notable success by earning an Elite NPTEL Online Certification for the course "The Joy of Computing Using Python," offered by the Indian Institute of Technology Madras.

This 12-week program, funded by the Ministry of Education, Government of India, saw her achieve a commendable consolidated score of 54%. Savita's dedication and excellence in this cutting-edge field were recognized among 4541 certified candidates, marking a significant milestone in her career. With this achievement, Savita continues to advance her expertise in machine learning, underscoring her commitment to contributing to the evolving landscape of technology and innovation.



Celebrating Academic Excellence in IoT  
Ms. Shubhada S. Kulkarni has successfully completed the Introduction to the Internet of Things course offered by IIT Kharagpur, earning the esteemed Elite NPTEL Online Certification. With a consolidated score of 84%, including outstanding performance in online assignments and a commendable score in the proctored exam, Ms. Kulkarni demonstrated her dedication to advancing her knowledge in IoT.



## RESEARCH SPOTLIGHT: IOT-BASED INDUSTRIAL AUTOMATION

Ms. Shubhada S. Kulkarni, from KLS Gogte Institute of Technology, Belagavi, Karnataka, has successfully presented and published her research paper titled "Automation of Industry Based on IoT" at the prestigious Ninth International Joint Colloquiums on Computer Electronics Electrical Mechanical and Civil (CEMC 2024) held in Mumbai, India, on October 22-23, 2024.

The research highlights innovative approaches to leveraging IoT for enhancing industrial automation, showcasing advancements in smart technology applications. Organized by ACEECom, AMAE, and ACEE, under the aegis of The IDES, this platform provided an excellent opportunity to contribute to global academic and industrial discourse. Ms. Kulkarni's achievement underscores her dedication to research excellence and her commitment to exploring emerging technologies for real-world applications.



## EXCELLENCE IN CLOUD COMPUTING: VAISHNAVI RAMACHANDRA DORIKAR

Vaishnavi Ramachandra Dorikar has recently achieved remarkable success by earning an Elite NPTEL Online Certification for the course "Cloud Computing," conducted by the Indian Institute of Technology Kharagpur. This comprehensive 12-week program, held from July to October 2024 and funded by the Ministry of Education, Government of India, saw Vaishnavi securing an outstanding consolidated score of 93%. Her exceptional performance placed her among the top 1% of the 30,816 certified participants. With a dedication to excellence, Vaishnavi demonstrated her proficiency by achieving near-perfect scores in both online assignments (24.81/25) and the proctored exam (68.33/75). This achievement marks a significant milestone in her professional journey, showcasing her relentless pursuit of innovation and technological advancement in the field of cloud computing.

Dr. V.S. Rajpurohit, Prof. G.R. Deshpande, and Prof. Savita Bakare for orchestrating a successful two-day workshop on "Project Management using Docker, Kubernetes, and CI/CD Pipelines." The workshop was led by our esteemed alumnus, adjunct faculty of CSE, and External BOS member, Mr. Sandeep Tengale, who currently serves as a Software Design Engineer at VISA, Bengaluru. It was tailored for 3rd semester students, who greatly appreciated the insightful discussions and meticulous planning.



Session on the future of AI, titled "AI Writes, Codes, Creates & Much More", organized by Prof. Girish Deshpande. On 7th December at 6:00 PM, expert speaker Mr. Abhinav Devaguptapu, with over 7 years of experience training professionals at DRDO and the Indian Army, and currently the Curriculum Development Manager at NxtWave

**NXT WAVE™**

## AI Writes, Codes, Creates & Much More

Explore the Future of AI and Build Your Own Generative AI model

**Speaker**  
**Mr. Abhinav Devaguptapu**  
7+ years of experience in training professionals at DRDO and the Indian Army  
Curriculum Development Manager, NxtWave


**07th Dec, 6:00 PM**



8th Graduation Day & Toppers Felicitation - Class of 2024  
The Department of Computer Science & Engineering is excited to host the 8th Graduation Day & Toppers Felicitation Function for the Class of 2024.

 **Date:** 2nd December 2024

 **Time:** 10:00 AM

 **Venue:** S. J. Auditorium

We are honored to welcome Mr. Kishore Kulkarni, Lead Software Engineer at CME Group, Bangalore, as the Chief Guest, who will deliver an inspiring keynote address.



## Interactive Quiz Using Quigit Portal

Prof. Veena V. Kangralkar successfully organized an engaging interactive quiz for 3rd-semester students, utilizing the innovative Quigit Portal, a platform proudly developed by our own Computer Science & Engineering students.

The screenshot shows the IEEE Xplore interface for a paper titled "Ghat Hairpin Monitoring and Alert System". The page includes a search bar at the top, a "Need Full-Text" banner, and a navigation menu with tabs for "Abstract", "Authors", "Figures", and "References". The abstract text is visible, starting with "Modern vehicles often come equipped with advanced collision avoidance systems...".

All Q

ADVANCED SEARCH

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access to IEEE Xplore for your organization? [CONTACT IEEE TO SUBSCRIBE >](#)

Conferences > 2024 3rd International Confer... ?

### Ghat Hairpin Monitoring and Alert System

Publisher: IEEE

Cite This

Kuldeep Sambrekar ; Samyak Hanamgond ; Omkar Umadi ; Rohan Shinde ; Atharv Karchi

Sign In or Purchase

Abstract Authors Figures References

**Abstract:**  
Modern vehicles often come equipped with advanced collision avoidance systems, but these are often lacking in heavy-duty vehicles navigating treacherous roads with hairpi... [View more](#)

Metadata

Feedback

## Congratulations on IEEE Publication!

We are thrilled to announce that a project paper by our BE students, under the esteemed guidance of Dr. K. P. S., has been successfully published in the prestigious IEEE Xplore digital library. This remarkable achievement highlights the dedication and hard work of both the guide and the students. Hearty congratulations to the entire team for this well-deserved recognition! 🎉 Keep inspiring and setting benchmarks for academic excellence!

**Elite**

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


This certificate is awarded to  
**NAMITHA SHAMBHU BHAT**  
for successfully completing the course

**The Joy of Computing Using Python**

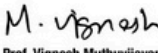
with a consolidated score of **94** %


Online Assignments	24.75/25	Proctored Exam	69/75
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Total number of candidates certified in this course: **16472**


  
**Prof. Andrew Thangaraj**  
Chair  
Centre for Outreach and Digital Education, IITM


**Jul-Oct 2024**  
(12 week course)

  
**Prof. Vignesh Muthuvijayan**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS113S854600329    To verify the certificate     No. of credits recommended: 3 or 4

## Achieving Excellence in Python Programming

We are thrilled to announce that Namitha Shambhu Bhat has successfully completed the prestigious NPTEL Online Certification course, The Joy of Computing Using Python, offered by the Indian Institute of Technology Madras. This 12-week program, conducted between July and October 2024, emphasizes innovative computing concepts and Python programming.

With a remarkable consolidated score of 94%, Namitha has achieved the prestigious Elite certification and ranks among the top 2% of participants in the course. Her outstanding performance includes scoring 24.75/25 in Online Assignments and 69/75 in the Proctored Exam. This accomplishment reflects her dedication, technical expertise, and passion for learning.

Amruta Mahadev Deshpande, a distinguished professional, has recently earned an Elite NPTEL Online Certification for completing the rigorous course "Introduction to Machine Learning" conducted by the Indian Institute of Technology Madras. This 12-week program, funded by the Ministry of Education, Government of India, saw her achieve a commendable consolidated score of 69%. Amruta's dedication and excellence in this cutting-edge field were recognized

**Elite**

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


This certificate is awarded to  
**AMRUTA MAHADEV DESHPANDE**  
for successfully completing the course

**Introduction to Machine Learning**


with a consolidated score of **69** %


Online Assignments	21.03/25	Proctored Exam	48.22/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4541**


  
**Prof. Andrew Thangaraj**  
Chair  
Centre for Outreach and Digital Education, IITM


**Jul-Oct 2024**  
(12 week course)

  
**Prof. Vignesh Muthuvijayan**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS101S554600111    To verify the certificate     No. of credits recommended: 3 or 4

among 4541 certified candidates, marking a significant milestone in her career.

With this achievement, Amruta continues to advance her expertise in machine learning, underscoring her commitment to contributing to the evolving landscape of technology and innovation.



# STUDENTS ACCOMPLISHMENTS



Best Project in Image Processing Award

We are excited to share that Master Prabal Birajdar, a student guided by Prof. Veena Lalbeg, has received the Best Project in Image Processing Award for his outstanding industrial innovative project.

This recognition highlights Prabal's dedication to advancing the field of image processing and his ability to develop innovative solutions. Congratulations to Prabal and Prof. Lalbeg for this remarkable achievement!



Karnatak Law Society's  
Gogte Institute of Technology

Jnana Ganga, Udyambag, Belagavi- 590008  
An Autonomous Institution under VTU, Belagavi



Department of Computer Science and Engineering

SIH journey continues  
to the Finals!

## Congratulations

We're excited to announce that a team from our college is a finalist in the prestigious Smart India Hackathon 2024, organized by the Ministry of Electronics and IT, Government of India.



Prof. Sagar Pujar  
Mentor



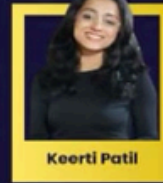
Niraj Vernekar



Avinash Pauskar



Ganesh Kugaji



Keerti Patil



Om Vasudev



Akash Mathad

Hackathon Coordinators  
Dr. Sharada Korl  
Prof. Sagar Pujar

HOD, CSE  
Dr. Sanjeev S. Sannakki

Dean R&D  
Dr. Swetha Goudar

Principal  
Dr. M. S. Patil

## KLS GIT STUDENTS SHINE AT SMART INDIA HACKATHON 2024 FINALS!

We are delighted to share that a talented team from the Department of Computer Science and Engineering at KLS Gogte Institute of Technology, Belagavi, has secured a spot in the prestigious Finals of the Smart India Hackathon 2024!

Organized by the Ministry of Electronics and IT, Government of India, this renowned national-level competition showcases innovation, creativity, and problem-solving skills, making this accomplishment a significant milestone for our institute.

Heartiest congratulations to our brilliant team members: Niraj Vernekar, Avinash Pauskar, Ganesh Kugaji, Keerti Patil, Om Vasudev, Akash Mathad

We extend our deepest gratitude to their mentor, Prof. Sagar Pujar, for his invaluable guidance and support throughout this remarkable journey.



# PLACEMENTS

NAME	COMPANY
ABHILESH BHOSALE	KPIT
ADITYA MANOJ REVANKAR	Tejas
AISHWARYA HALLI	Cognizant
ANCHAL AVINASH MANDOLKAR	Accenture
ANKITA VEERANNA SAUNSHI	KPIT
APOORVA VANSHAKRUTHMATH	Accenture
APURVA PRASHANT UPADHYE	Accenture
ARHAM MULLA	Esko

ASHLEY JUDE  
FERNANDEZ

KPIT

ASHWINI BASAVARAJ  
KHILARE

Accenture

AVINASH  
RAJARAM PAUSKAR

Esko

CHAITRA  
STYAPPA NAIKAR

Accenture

DANESH  
PARAPPA TELI

Tejas

DEEKSHITA  
YESHWANTHRAYA  
BILAGUNDI

Daimler

DIMPLE  
BHAGAT

Accenture

DIVYA  
DINESH NADKARNI

Accenture

DIVYA  
HANCHATE

Accenture

GANESH	KPIT
GANESH SANJAY MARGALE	KPIT
GANGU GOTHE	Cognizant
H C SRIHARI	Esko
HARISH PANDURANG MARIHALKAR	Cognizant
JAY KALE	Cognizant
KARNAWAT RIDDHI SANDSH	Accenture
KEERTI PATIL	Accenture
MADHU KESHAV DIXIT	Daimler

MAHAJAN  
AARYA ALANKAR

Accenture

HARSHAD  
JOSHI

Cognizant

MOHIT  
SINGH

KPIT

NAMEET  
SACHIN KARADI

KPIT

NIHAL  
NITIN KARCHI

Cognizant

OM SUNIL  
VASUDEV

Cognizant

OMKAR  
PATIL

Cognizant

PALLAVI

Cognizant

PARTH  
MILIND NARVEKAR

KPIT

PRASANNA  
YASHWANT  
NANGNURE

Accenture

PRATHAM  
SIDDANNAVAR

Accenture

RACHANA  
RAGHAVENDRA  
KULKARNI

Accenture

SAMMED  
KHEMALAPURE

Accenture

ROHIT N  
BHAT

Cognizant

SANIKA  
SUDHIR KARNIK

Cognizant

SHILPA S  
SHANKARAGOUDA

KPIT

SHREYA  
PATIL

KPIT

SHREYALI  
SANJAY IRANNAVAR

Accenture

SHRINIDHI MAGADUM	Accenture
SHRUTHI G S	Accenture
SHWETA TIMMAPPA SORAGANVI	Accenture
SIDDHESH VENKATESH KANGRALKAR	KPIT
SOMLING VIJAY HAJJI	Esko
SUSHMA BEERAPPA NARATTI	KPIT
SUSHMITA SANJEEV VAIDYA	Accenture
SWARALI RAJESH CHILLAL	Accenture
TEJASHWINI U HOSUR	Accenture

VENKATESH  
DHAVALESHWAR

Cognizant

Sambhram  
Mathad

Cognizant

Karthik  
Jadhav

Tejas

Kiran  
Potdar

Ittiam

Preksha  
Bramhanand Pawale

Cognizant

Shruti  
Gajanan Savant

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COMPUTER SCIENCE AND ENGINEERING AT KLS GIT BELAGAVI