News Letter - *"VIVEKA VANI"*

Volume 1, Issue 1 | **Jan - Dec 2023**

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President, JES, Bengaluru

CO-PATRON
Sri. K P Muthaiah
Chairman,
VKIT, Bengaluru

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VKIT, Bengaluru

STUDENT CO-ORDINATORS
Mr. Sumukha R Kashyap (CSE Dept.)
Mr. Deepak U (CSE Dept.)

BRIEF PROFILE:

At Vivekananda Institute of Technology, We value every individual in our care and it is our aim to provide the best possible academic environment in which students can succeed. Our campus has grown from its inception in 1997 to accommodate over 1200 + pupils in first-class teaching facilities which are amid beautifully kept surroundings.


VISION:

To become an outstanding Knowledge dissemination centre at the cutting edge of Engineering and Technology to produce globally acceptable competent Professionals who will be in the forefront of technological innovations for the benefit of mankind.

MISSION:

- To provide an excellent infrastructure and conducive ambience in the Institute.
- To impart quality technical education combined with ethical values.
- To produce world class Professionals to take up challenging assignments of latest an advancement in technology and engineering.
- To inculcate attitudes for research and developmental activities.
- To leave a legacy for development of next level engineers and technologists.

FROM CHAIRMAN'S DESK
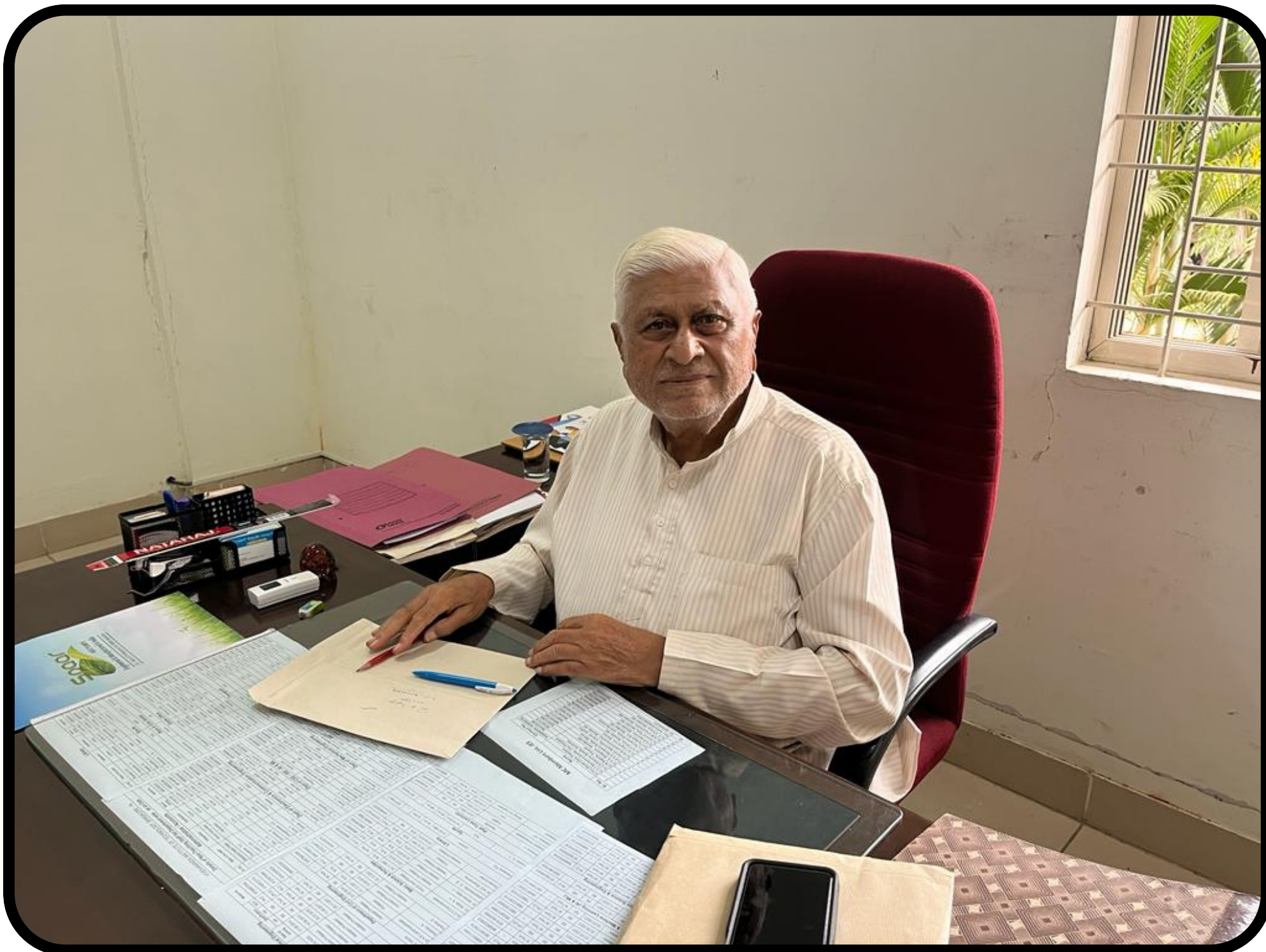
Welcome to a promising academic year at Vivekananda Institute of technology. As chairman, I am excited about our commitment to excellence in engineering education. Your guidance is crucial in shaping the next-gen engineers. Students, seize every learning opportunity for growth.

To the parents, thank you for entrusting us with the education of your children. We understand the importance of this responsibility and are dedicated to providing a safe and nurturing environment that facilitates both academic and personal development.

As we navigate the challenges and opportunities of the coming year, I invite each member of our community to actively contribute to the spirit of collaboration, innovation, and excellence that defines Vivekananda Institute of Technology. Together, we can make a lasting impact not only on the lives of our students but also on the field of engineering as a whole.

I look forward to a year filled with achievements, breakthroughs, and moments of pride. Let us work together to ensure that Vivekananda Institute of Technology continues to be a centre of excellence that inspires and transforms the engineering leaders of tomorrow.

Wishing you all a successful and fulfilling academic year!

Best Regards,

Sri. K P Muthaiah
Chairman
VKIT, Bengaluru

FROM PRINCIPAL'S DESK

 In the rapidly evolving and globally oriented markets, there is a heightened demand for well-trained, multi-skilled engineers, and entrepreneurs. The industry competition has intensified, accompanied by elevated standards defining engineering excellence. In 1997, the Janatha Education Society established the Vivekananda Institute of Technology with the mission of providing quality education to students from weaker and underprivileged sections of society at an affordable cost.

Vivekananda Institute of Technology has consistently pursued excellence in both technical and managerial spheres. In the span of 26 years, our proud alumni have secured positions in prominent companies, reflecting our commitment to producing quality professionals. Emphasizing a holistic approach beyond textbook learning, we empower students with the latest skills, setting high benchmarks in global competition.

Aligned with our institute's vision and mission, we strive to create an exceptional academic environment, employing a student-centric teaching-learning process, state-of-the-art infrastructure, highly qualified faculties, and fostering a dynamic and disciplined workplace. In response to the swift emergence of technologies and the rapidly changing world, we aim to instil the qualities of leadership and lifelong learning in our students.

I am honoured to extend an invitation to students seeking quality engineering education, as well as academicians, recruiters, and industry professionals. Come and experience the vibrancy of our institution and witness the potential of the future technocrats at Vivekanand Institute of Technology

Dr. K M Ravikumar
Principal
VKIT, Bengaluru

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

VISION

Computer Science and Engineering saturates all modern activities in modern academia, government and industry and its role will continue to grow. The Department illustrates the dedication of the university to scholarship, public service and the successors of our country.

MISSION

☒ Provide quality education to meet the need of society.
☒ Provide a learning ambience to enhance innovation and team spirit.
☒ Provide acquaintance of latest tools and technology.
☒ Provide research-based projects/activities in the evolving areas of computer science

OBJECTIVES

☒ To prepare graduates to practice Computer science/ Technology in a broad range of industries.
☒ To prepare interested graduates to pursue Post graduate education In Computer Science related fields or other professional degrees.
☒ To prepare graduates to contribute to their profession and society.

MESSAGE FROM THE HOD

Dear Readers,

Computing is changing the way we think and work, and plays a significant role not only in solving different kinds of engineering and technological problems but also in satisfying societal needs such as health care. Consequently, great advances have taken place in the field of computer science and engineering, bringing together the understanding of the scientific and technological foundations of computing, the concepts of software and hardware as well as those of communication technologies. While adopting innovative pedagogy supported by technology and infrastructure, we focus on motivating students to take new challenges. The present newsletter attempts to present the Department and its activities for general information to all concerned

Dr. Vidya A
HOD, CSE Dept.
VKIT, Bengaluru

FACULTY DETAILS

Dr. Vidya A	Professor & HOD
Sijin P	Assistant Professor
Deepthi T K	Assistant Professor
Vishwanath P	Assistant Professor
Hanumatharayappa T A	Assistant Professor
Sowmya M Y	Assistant Professor
Ghouse Pasha	Assistant Professor
Hemanth Kumar R L	Assistant Professor
Nagaraju Y	Assistant Professor

NON-TEACHING STAFF DETAILS

|	
Suresh Kadenaykanahalli	Programmer
Manjunath B M	System Analyst
Lakshminarayana Gowda M D	Lab Assistant
Puneeth D J	Lab Instructor
R P Ramalingegowda	Driver/Attender

EVENTS CONDUCTED

Department of CSE, VKIT has conducted AYUSHMAN BHAV an awareness program on 19/12/2023. Ayushman Bhav aims to provide Ayushman cards, generate ABHA IDs, and raise awareness about vital health schemes and disease conditions, such as non-communicable diseases, tuberculosis, and sickle cell disease.


Md. Wasiullah of 7th Semester CSE has participated in one-day training program on "VTU Consortium E-Resources", in association with VTU-Belagavi on 27/12/2023 at VKIT.

Department of CSE in association with IIC-VKIT has conducted online session on "Achieving Problem-Solution Fit and Product-Market Fit" on 07/03/2023 for the students and faculties of VKIT. The resource person for the session was Mr. Rajesh B Bhat, IT Consultant.
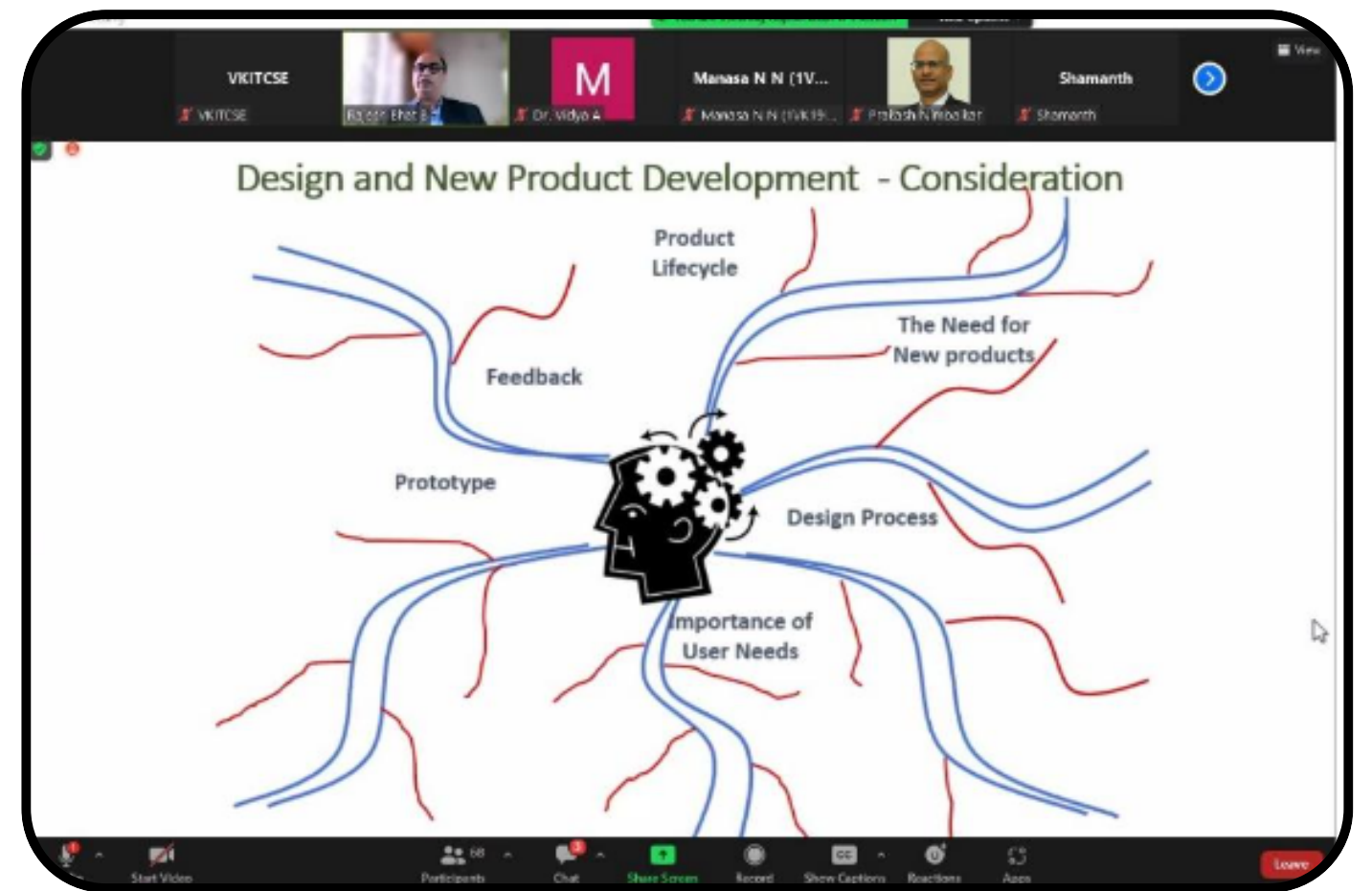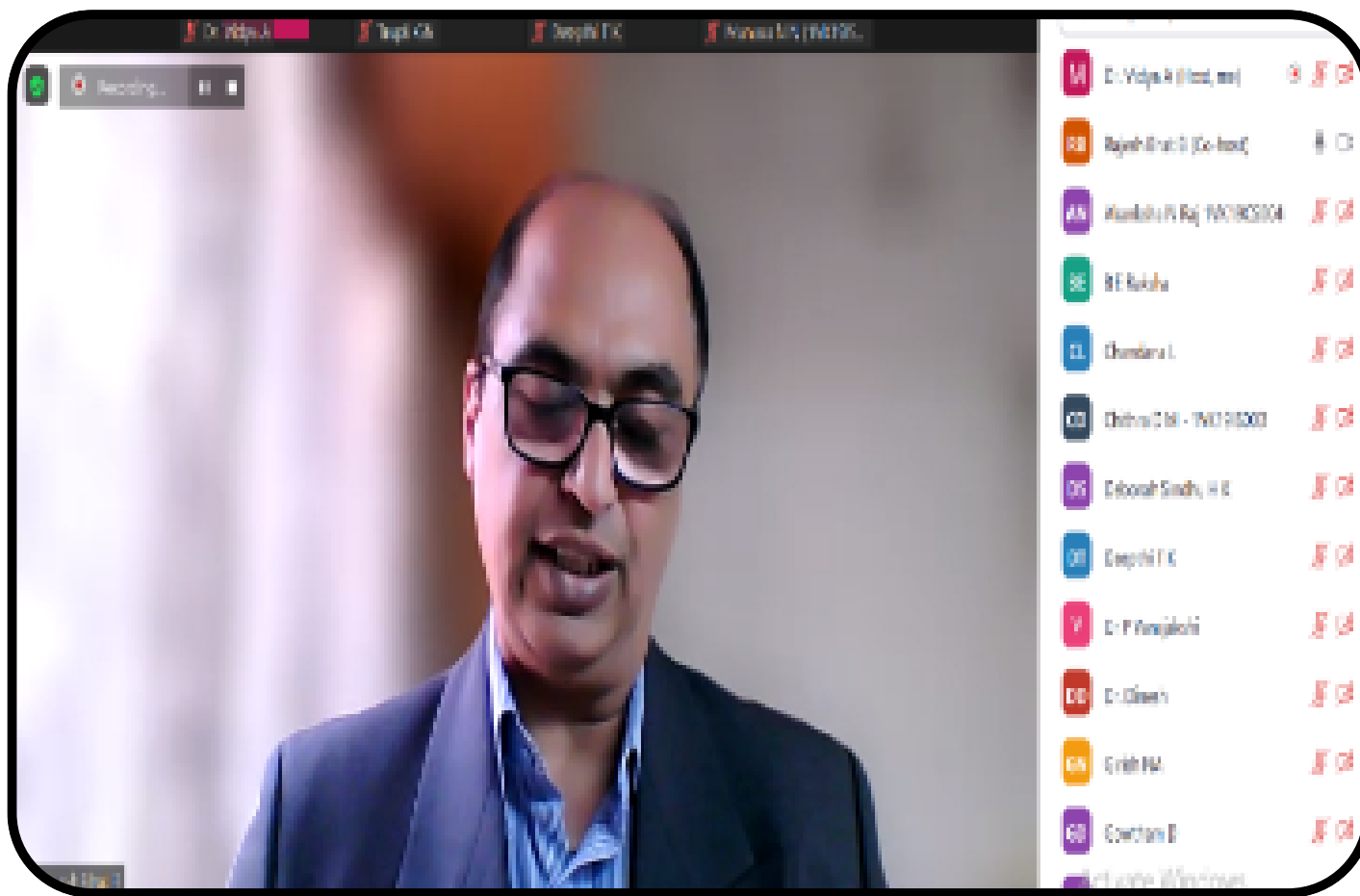

Department of CSE in association with IIC-VKIT has conducted online workshop on "Entrepreneurship Skill, Attitude and Behavior Development" on 27/02/2023 for the students and faculties of VKIT. The resource person for the session was Mr. Prakash Nimbalkar, Startup Co-Founder and Advisor, Visiting Faculty at B-School, Bangalore.
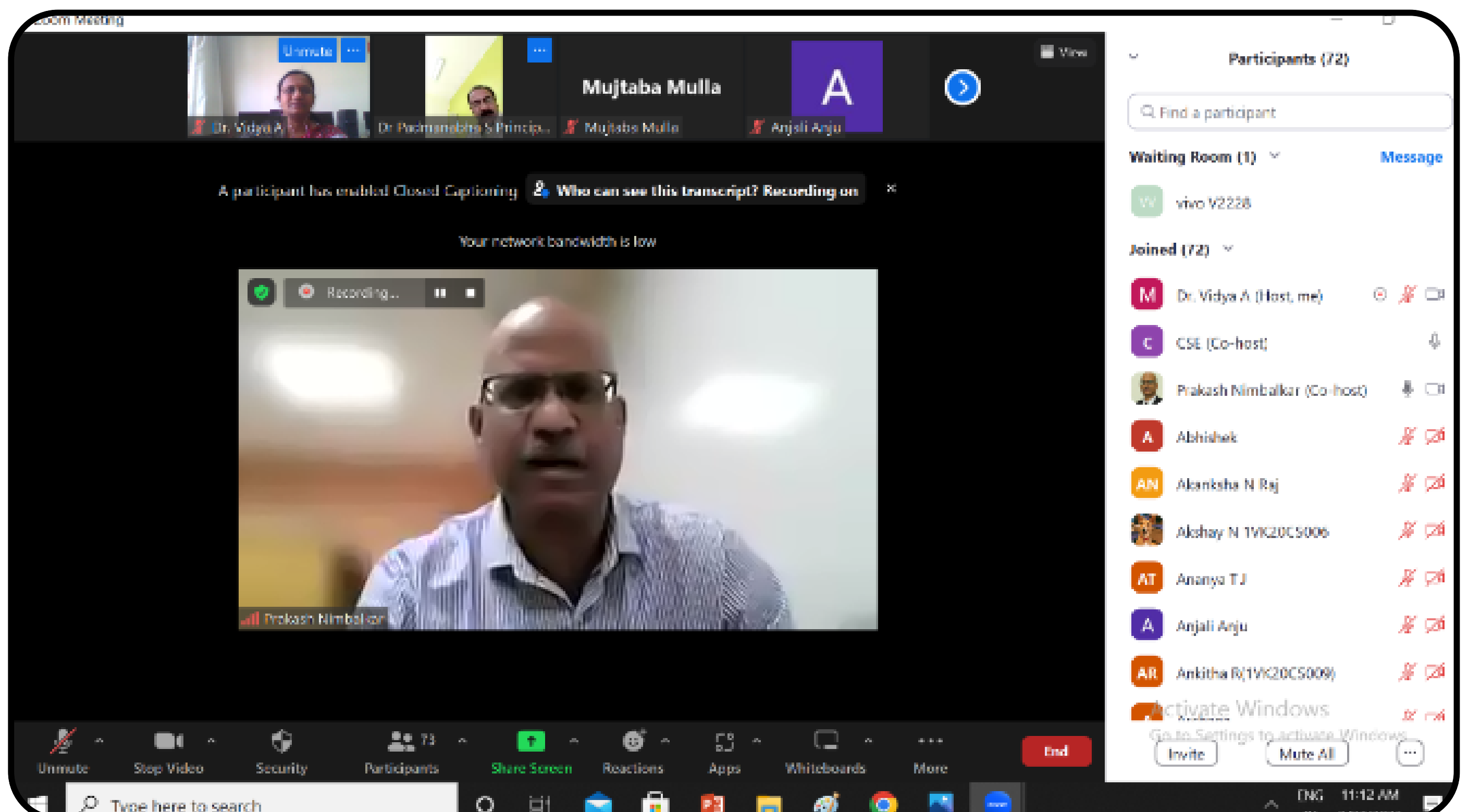
Dept. of CSE has conducted two-day hands-on Workshop on "Problem Solving using JAVA" on 23/01/2023 & 24/01/2023 for third Semester students of CSE. The speaker was Prof. Ravindranath R C, Research scholar, Dept. of CSE.
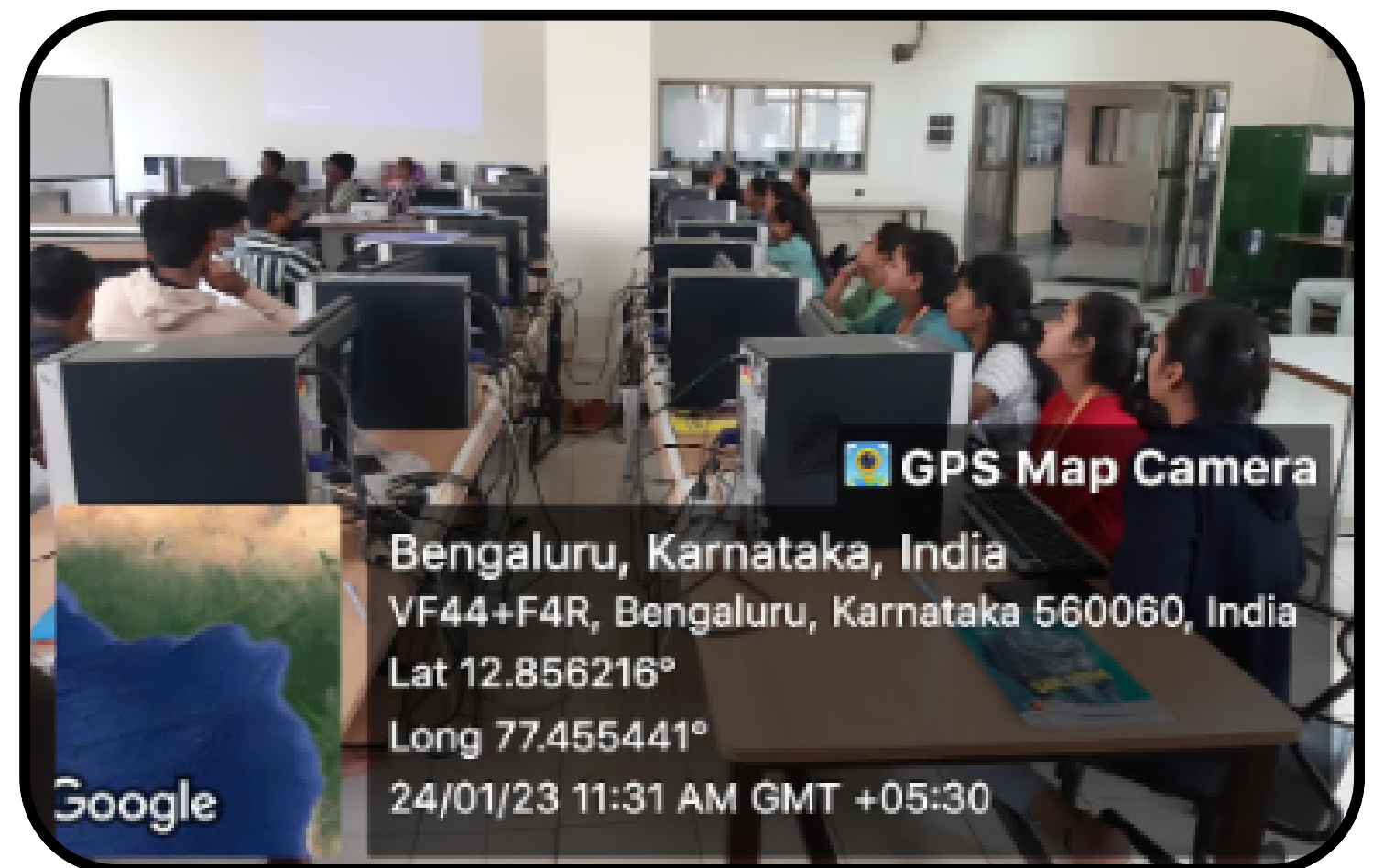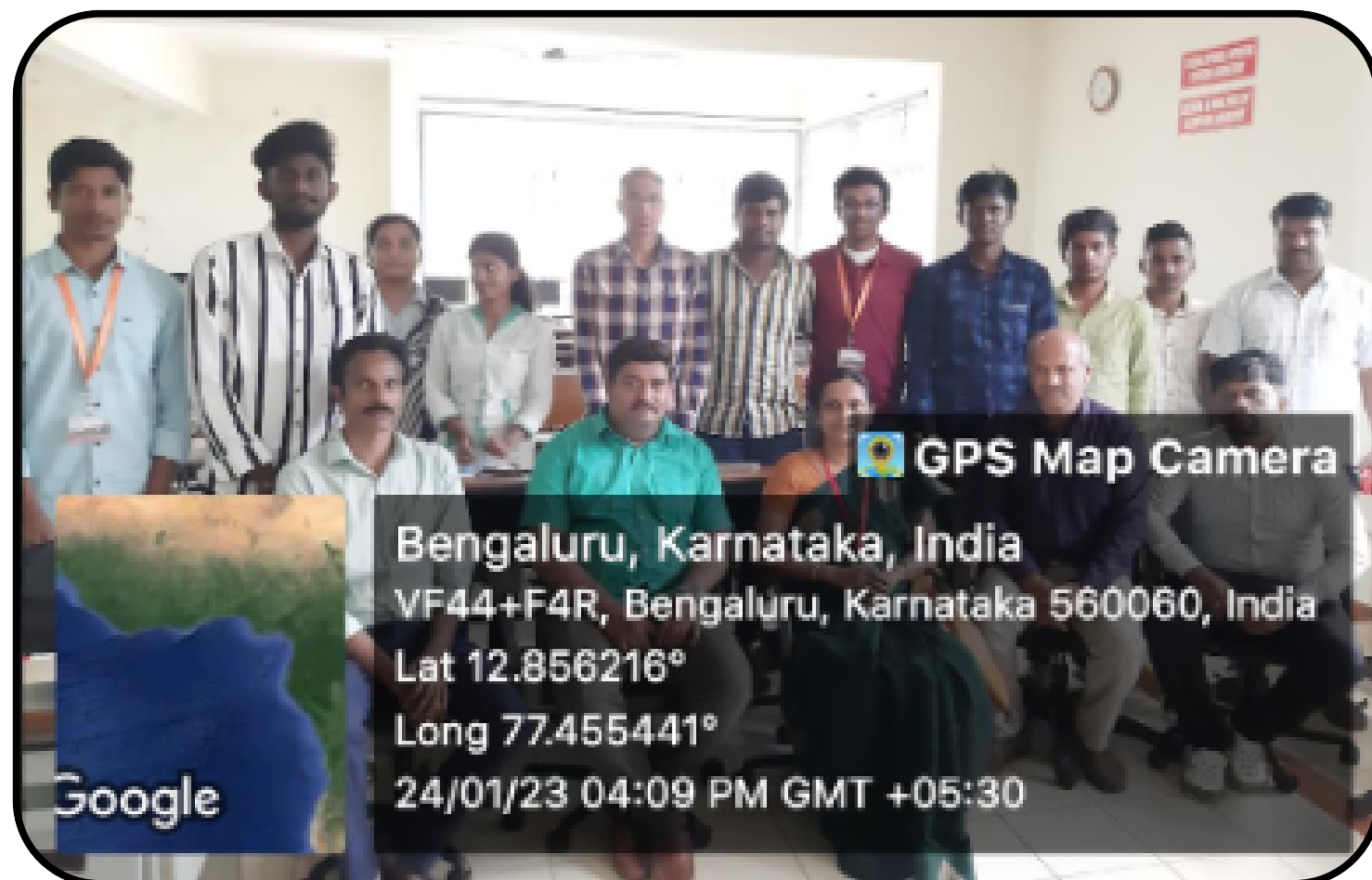
Dept. of CSE has conducted Bridge Course on "Programming with C++" on 05/01/2023 and 06/01/2023 for third Semester students of CSE. Prof. Praveen N, Assistant Professor, Department of Computer Science and Engineering, Cambridge Institute of Technology, Bangalore and Research scholar, Dept. of CSE, was the resource person for the course.

Dept. of CSE has conducted Hands-on Session on "BigData Analytics Using PySpark Tool" on 16/12/2022for V and VII semester students of CSE. The speaker for the session was Prof. Prakash G L, Dept. of ISE, BMSIT, Bangalore.

Dept. of CSE has arranged a Technical Talk on "Cyber Security in Social Media" on 14/12/2022 for the students of First semester during Induction Program. The speaker for the session was Mr. Ashok Bhat, CIC India Leader-Platform Engineering Servies & DevSecOps Delivery, IBM.

Dept. of CSE has arranged a Technical Talk on "Cyber Security in Social Media" on 14/12/2022 for the students of First semester during Induction Program. The speaker for the session was Mr. Ashok Bhat, CIC India Leader-Platform Engineering Servies & DevSecOps Delivery, IBM.
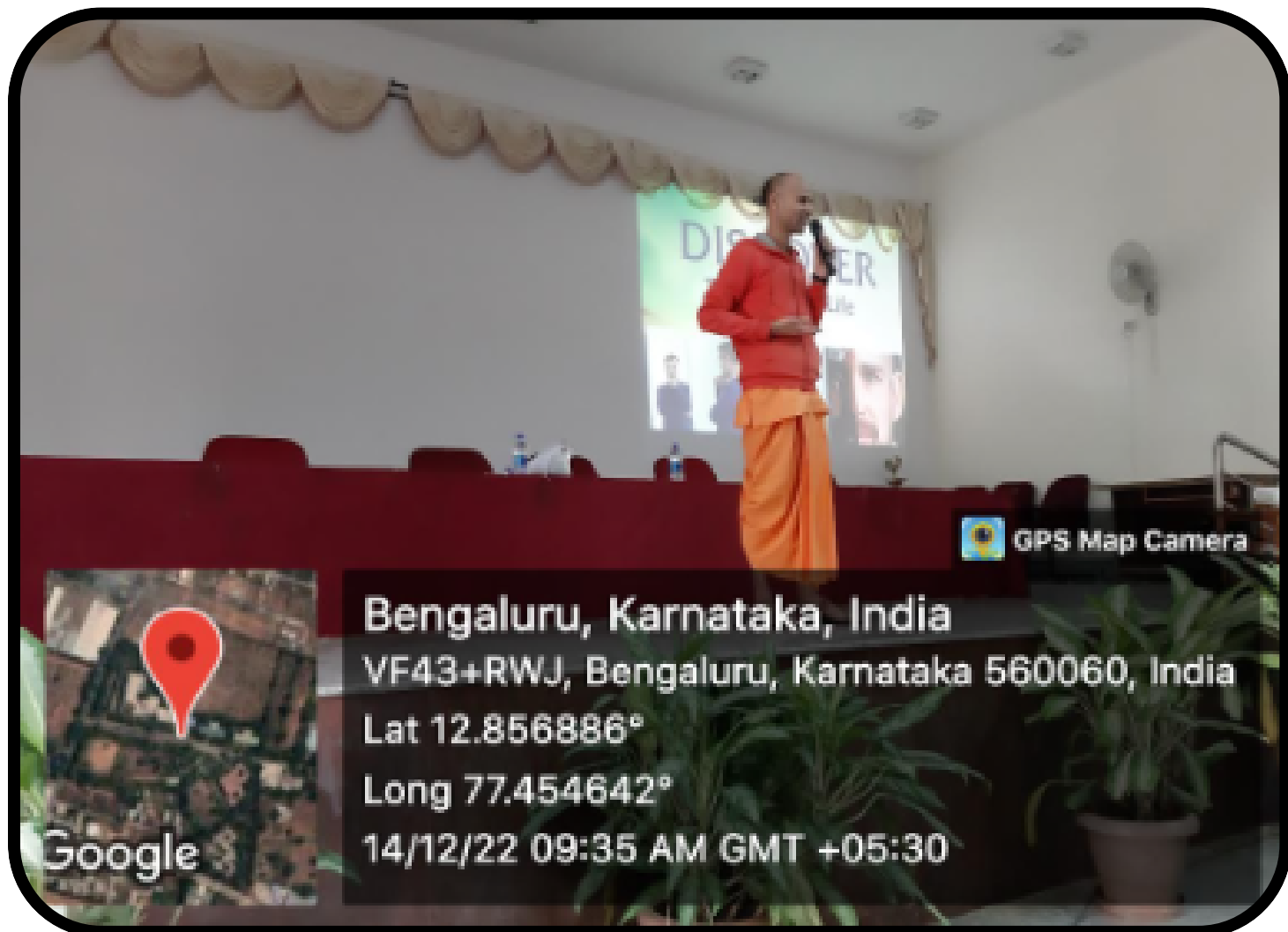
Dept. of CSE has arranged a Motivational Talk on "Art of Smart Work" on 14/12/2022 for the students of First semester during Induction Program. The speaker for the session was H G Vraj Krishna Das Prabhu, Motivational Speaker, Lifestyle Coach, ISKCON Groups, Sheshadripuram, Bangalore.

Expert Talk Delivered:

Dr. Vidya A Prof. and Head had delivered a talk on "Identification of Journals" during Three Day Virtual Faculty Development Program on "Academic Writing for Research" on 30/04/2022 at HKBK college of Engineering.

STUDENT PARTICIPATION

Sumukha R Kashyap of III semester CSE student has presented a paper on "A Methodical Review on Internet of Things Trends and It's Applications" in National Conference on Emerging Science and Technology(NCRTEST) organized by CSE CBIT, Kolar on 30/05/2023 under the guidance of Dr. Vidya A
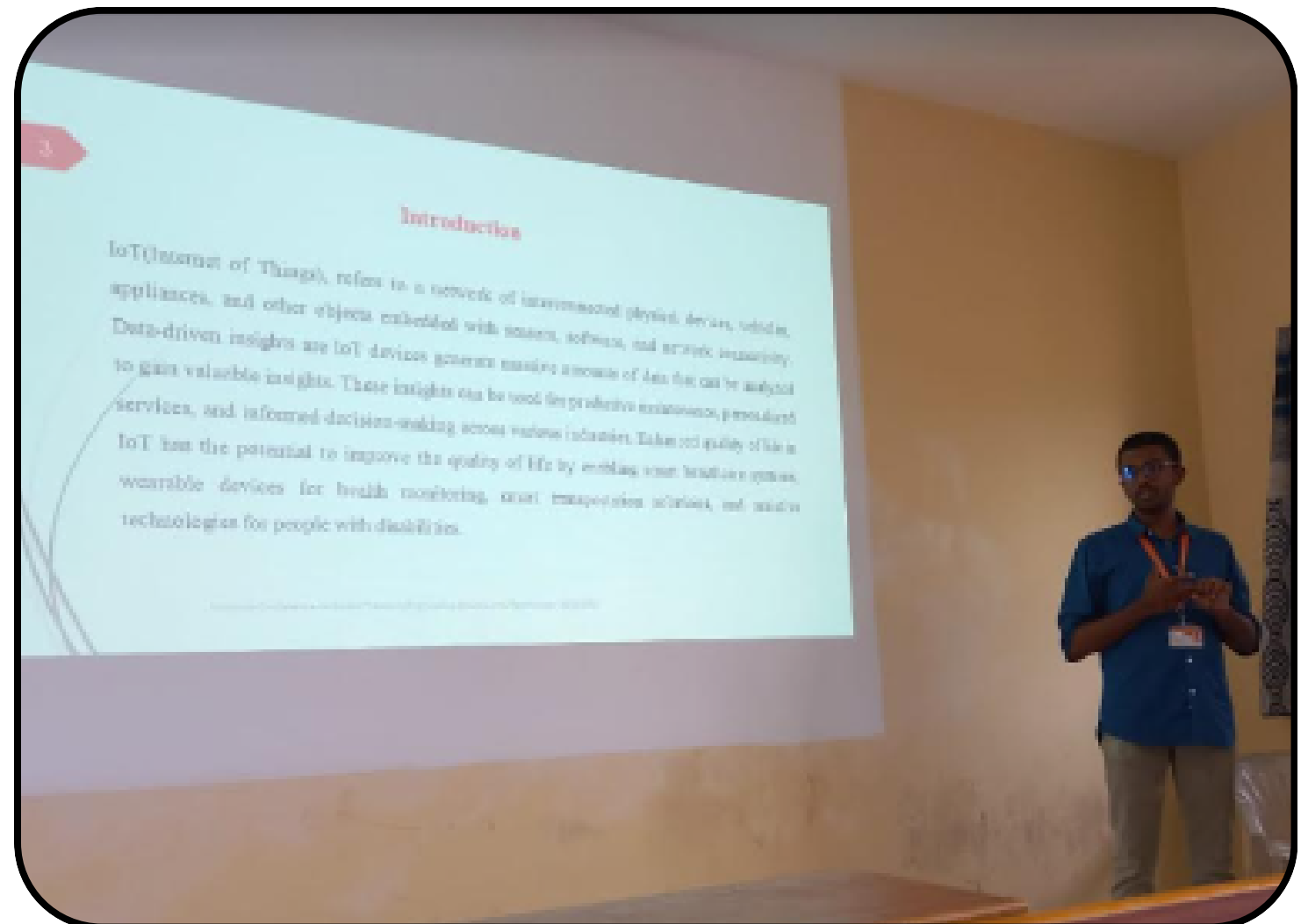
V semester students of CSE have participated in VTU Inter Collegiate State Level Athletic meet 2022-23 at VTU Belagavi during 1st to 24th May 2023.

Students of VII semester have participated in 7th National Level Techno Exhibition and demonstrated their project work at Dr. Ambedkar Institute of Technology, Bangalore on 13th April 2023.

Sumukh Kashyap and Sripada Rao from III semester CSE have participated in quiz conducted by Disha Bharath in connection with Swami Vivekananda Jayanthi-2023 at Maharani Lakshmi Ammani College for Women-Autonomous, Malleshwaram on 25/01/2023 and won 2nd prize with cash prize of Rs.3000/-.

Deepak U form III semester has been participated in University Level Essay Competition on National Education Policy-2020 and secured 3rd place. The event was organized at VTU Regional Office, Bengaluru on 23/12/2022.

OTHER ACTIVITIES

1. Students of 3rd semester have participated in expert talk by Prof. B C Nagaraj, Professor and Head, Department of Environmental Science, Bangalore 24/12/2022.

2. Students of III semester have visited Thanushree Bio Farm at Bidadi as a part of Social Connect and Responsibility Course Module-3 and 4. The farm is owned by our Alumni Vishal B Patel of 2018 CSE batch.

3. Students of VII semester have attended one-day workshop on "Cloud Computing and its Applications" on 09/12/2022 at VKIT.

4. V semester students have attended One-day Hands-on Workshop on "DBMS MINI PROJECT DEVELOPMENT USING PHP AND MYSQL" on 08/12/2022 at VKIT.

5. Students of V and VII semester have visited the 25th Edition of Asia's Largest Tech Fest, Bengaluru Tech Summit 2022, Tech4NexGen organized by Department of Electronics, IT, BT and S&T, government of Karnataka from 16th to 18th November 2022 at palace Grounds Bangalore.

6. The III Semester CSE students have participated in the "Online Quiz on the Constitution of India" on 26/11/2022 and also read the Preamble of Indian Constitution.

7. Students of all the semesters have taken active participation during "Kannada Rajyostava" celebrated on 07/12/2022 in VKIT Campus.

8. Final year students have participated in National Level Project Exhibition (CEC Project Expo-2022) held at City Engineering College on 20/06/2022. Project title: "A Social BOT Detection System using Deep Learning Technique" under the guidance of Dr. Vidya A , Prof. and Head, Dept. of CSE.

9. A batch of final year students have participated in National Level Project Exhibition (CEC Project Expo-2022) held at City Engineering College on 20/06/2022. Project title: Real Time Baby Cradle with Smart Assistance using IOT" under the guidance of Dr. Vanajakshi P, Associate Prof. and Head, Dept. of ISE.

10. Four final year project batches from CSE under the guidance of Dr. Vidya A, Sunanda H G, Vijayalakshmi B and Dinesh S D have presented their projects for VTU financial assistance on 13/07/2022 conducted by VTU at VKIT.

11. Final year students have participated and presented their project at VTU Belagavi under 45th series of KSCST Student Project program under the guidance of Dr. Vanajakashi P on 13th August 2022.

MOOC'S CERTIFICATION BY FACULTY MEMBERS/STUDENTS

Dr. Vidya A(NPTEL)

1. Foundations of R Software with Elite certification

2. Educational Leadership with Elite certification

Students:

1. Sumukh Kashyap of III Semester CSE has successfully completed the NPTEL Online Course on "Introduction to Internet of Things" with Elite certification.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

VISION

To become a distinguished department by imparting quality Technical Education, Innovation and Research to cater technological resources for Industry and Societal growth.

MISSION

To Nurture excellence in the field of Electronics and Communication Engineering to meet the needs of the
industry.
⊠ To facilitate students by promoting multi-disciplinary skill development courses suitable for industry, Innovation and Research.
⊠ To Foster overall personality of the students and faculties by providing behavior- al, Professional attitude
and ethical values through training programs.

MESSAGE FROM THE HOD

Welcome and best wishes to all the friends and students of the Department who receive this Newsletter. It has been an interesting and busy semester for members of the Department. It gives me great opening to present the Volume I- Issue I- of *"VIVEKA VANI"*. This in-house newsletter is one of the ways in which we can disseminate information on the life of the Department. The semester was full of various activities by the students and faculty in academic, co-curricular, extra-curricular as well as research & developments. I would like to thank all my colleagues for their tireless efforts to help the department progress at a very steady pace.

Dr. Bhagyalakshmi N
HOD, Dept. of ECE
VKIT, Bengaluru

FACULTY DETAILS

Dr. K M Ravikumar	Professor & Principal
Dr. Bhagylakshmi N	Professor & HOD
Dr. Shaila K	Professor & Placement Officer
Subhashini B N	Assistant Professor
Deepa Deganvi Veeresh	Assistant Professor
Sreelakshmi V	Assistant Professor
Lavanya Y S	Assistant Professor
Dr. Naluguru Udaya Kumar	Assistant Professor
Kavitha C S	Assistant Professor
Mamatha M	Assistant Professor
Monica N P	Assistant Professor

NON-TEACHING STAFF DETAILS

Rajanna H M	Foreman
Jaikumar B	Lab Instructor
M Prashantha	Office Assistant

EVENT 1: NATIONAL YOUTH DAY CELEBRATION
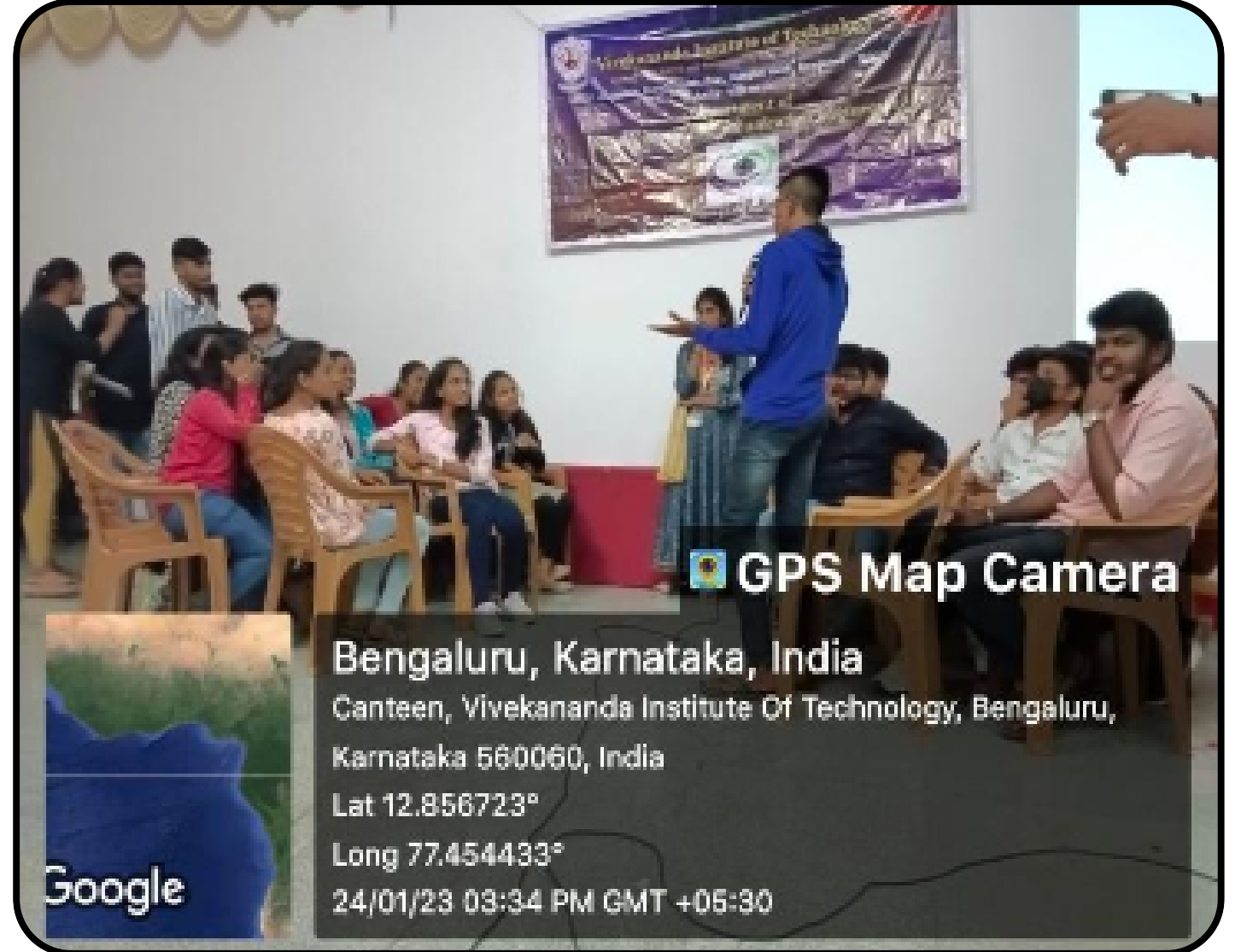
The National Youth Day was observed on 24th January 2023 at VKIT, by Department of Electronics and Communication Engineering, under Electronics Forum in association with IIC-VKIT. The event was conducted as part of National day celebrations under IIC-5.0.

EVENT 2: FIELD VISIT TO INCUBATION CENTRE

Field Visit to Incubation Centre for students of 5th Semester of all branches was organized on 08th June 2023.

OTHER EVENTS

- The Induction program was conducted on 10th June 2023 at VKIT, by Department of Electronics and Communication Engineering, under Electronics Forum for second semester students of all branches.

Graduation Day at VKITon 01.07.2023 for 2023 Passed out Students:

Chief Coordinator-Dr.Bhagyalakshmi.N,Professor & HOD,Dept of ECE

Shcimagination event organized to students of ECE on 30.06.2023.

RESEARCH AND DEVELOPMENTS

- Mrs. Susmitha B C, Assistant Professor, Dept of ECE, VKIT, cleared VTU Entrance Examination and PhD Preregistration interview for pursuing PhD at VKIT-VTU-RC-Dept of ECE, under the guidance of Dr. Bhagyalakshmi N, Professor & HOD, Department of ECE.
- Mr. Sathyanvesh R, Lecturer, Dept of ECE, Government Polytechnic, Harapanahalli, cleared VTU Entrance Examination and PhD Preregistration interview for pursuing PhD at VKIT-VTU-RC-Dept of ECE, under the guidance of Dr. Bhagyalakshmi N, Professor & HOD, Department of ECE .
- Mrs. Manasa P, Mr. Sanjay K Nagendra, Research Scholars, Electronics and Communication Engineering, VKIT-VTU-RC were awarded with Doctoral Degree from VTU on 24th January 2023 under the guidance of Dr. Shaila K, Professor, Department of ECE and Placement Officer.
- Faculty Achievements:

Prof. Poornima H S, Assistant Professor, Dept of ECE, has presented paper titled "Functional Verification of Clock Domain Crossing in Register Transfer Level" in ICRTEC-2023-International Conference on Recent Trends in Electronics and Communication , from 10th to 11th Feb 2023 at NIE, Mysore.

- Faculty Participation:

- Dr.Bhagyalakshmi.N, Professor & HOD, Department of ECE is Expert Committee Member for Pre-Registration Interview of VTU-ETR-AY-2022-2023.
- Dr. Shaila K, Professor, Dept. of ECE and Placement Officer, VKIT participated in the Round Table Discussion on "National Education Policy" organized by The Institution of Engineers at The Institute of Engineers, KSC, Bengaluru on 22nd February 2023
- Dr. Shaila K, Professor, Dept. of ECE and Placement Officer, VKIT attended "One Day Training & Placement Officers Conclave organised by VTU at RVCE on 30th January 2023.
- Dr. Shaila K, Professor, Dept. of ECE and Placement Officer, VKIT participated at the Exclusive Training and Placement Officials Meet organized by Foundit at Royal Orchid Central on 20th January 2023.
- Sujatha S Ari has attended one week online AICTE-VTU Joint Teachers Training program on "Analog VLSI Design using EDA Tools", from 20th to 25th March 2023 organised by VTU,Center for PG Studies, VIAT, Muddenahalli, Chikkaballapur District.
- Susmitha B C has attended one week online AICTE-VTU Joint Teachers Training program on "Analog VLSI Design using EDA Tools", from 20th to 25th March 2023 organised by VTU,Center for PG Studies, VIAT, Muddenahalli, Chikkaballapur District.
- Sujatha S Ari has attended one week online AICTE-VTU Joint Teachers Training program on "Introduction to Internet of Things", from 17th to 21st April 2023 organised by VTU,Center for PG Studies, VIAT, Muddenahalli, Chikkaballapur District.
- Susmitha B C has attended one week online AICTE-VTU Joint Teachers Training program on "Introduction to Internet of Things", from 17th to 21st April 2023 organised by VTU,Center for PG Studies, VIAT, Muddenahalli, Chikkaballapur District.
- Deepa D V has attended one week online AICTE-VTU Joint Teachers Training program on "Introduction to Internet of Things", from 17th to 21st April 2023 organised by VTU,Center for PG Studies, VIAT, Muddenahalli, Chikkaballapur District.
- Shreelakshmi V has attended one week online AICTE-VTU Joint Teachers Training program on "Introduction to Internet of Things", from 17th to 21st April 2023 organised by VTU,Center for PG Studies, VIAT, Muddenahalli, Chikkaballapur District.
- Deepa D V has attended one week online AICTE-VTU Joint Teachers Training program on "Introduction to Cyber Security", from 22nd to 26th May 2023 organised by VTU,Center for PG Studies, VIAT, Muddenahalli, Chikkaballapur District.
- Shreelakshmi V has attended one week online AICTE-VTU Joint Teachers Training program on "Introduction to Cyber Security", from 22nd to 26th May 2023 organised by VTU,Center for PG Studies, VIAT, Muddenahalli, Chikkaballapur District.
- Project Proposals for Funding Agencies:
- Proposal submitted to KSCST under 46h Series Students Project Program for the Project titled "Bioelectric system for remote administration of IV Anesthesia (Intravenous Anesthesia)" in February 2023.
- Proposal for "Establishment of Embedded Systems Laboratory" under K-FISTL1 program to VGST, Bangalore in May 2023 by Dr.Bhagyalakshmi.N, Professor & HOD,Dept of ECE.
- Submitted proposal for conducting Faculty Development program under FDP Scheme to VGST, Bangalore in May 2023, Dr.Bhagyalakshmi.N, Professor & HOD,Dept of ECE.

STUDENTS ACHIEVENTS

- Kushal Kumar K (1VK20EC011) of 6th Sem ECE, selected for one month Free Internship cum Placement in Technologics Global Pvt. Ltd, Bangalore.

- The following students pursuing UG in 6th Sem, ECE Dept ,VKIT have received registration approval for BE Honors degree from VTU:
- Bhagyamma B (1VK20EC004)
- Inchara K A (1VK20EC008)
- Kushal Kumar K (1VK20EC011) has cleared NPTEL Online Certification Course on
- Embedded Systems Design with a score of 47%.
- Sunil B K (1VK20EC023) has cleared NPTEL Online Certification Course on Embedded Systems Design with a score of 48%.

PATENTS APPLIED FOR FUNDING

[1] Patent filed for the Project titled **"LiFi-Healthcare Monitoring system for Covid-19 and other Pervasive Diseases"** applied for financial assistance under KAPILA Scheme in January 2023 by **Dr.Bhagyalakshmi.N**, Professor & HoD, Dept of ECE.

[2] Patent filed for the Project titled **"Bioelectric system for remote administration of IV Anesthesia (Intravenous Anesthesia)"** applied for financial assistance under KAPILA Scheme in January 2023 by **Dr.Bhagyalakshmi.N**, Professor & HoD, Dept of ECE.

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

VISION

To achieve quality in education and excellence in knowledge management through time bound goals, innovation, problem solving, interdisciplinary collaboration and continuous improvement to meet the changing needs of society.

MISSION

- To impart quality education in information Science and Engineering for evolving software Professorssionals with technical competence, strong character, Professorssional ethics and holistic approach to manage ever expanding knowledge horizon.
- Disciplined and Integrated Development of Personality through Academic Excellence, Sports and cultural activities.
- To strive for student achievement and success, preparing them for life and leadership.

MESSAGE FROM THE HOD

The innovation shapes our every move in the digital era, the fusion of computing with traditional paradigms reshapes how we perceive and engage with the world. Beyond the confines of conventional thinking, it catalyzes solutions to intricate engineering and technological puzzles, transcending boundaries to meet the pressing needs of society, particularly in domains like healthcare.

The dynamic evolution of Information Science and Engineering strides boldly, intertwining the realms of science and technology, knitting together the intricate threads of software, hardware, and communication technologies. Through an unwavering commitment to pioneering pedagogy, underpinned by cutting-edge technology and robust infrastructure, we nurture a culture that empowers students to confront novel challenges head-on. This newsletter stands as a beacon, illuminating the multifaceted tapestry of our department and its ongoing endeavors.

Dr. Vanajakshi P
HOD, Dept. of ISE
VKIT, Bengaluru

FACULTY DETAILS

Dr Vanajakshi P	Professor & HOD
Anitha K R	Assistant Professor
Yashaswini K S	Assistant Professor
Manasa M	Assistant Professor

NON-TEACHING STAFF DETAILS

Govardhana G R	Lab Instructor

EVENTS CONDUCTED
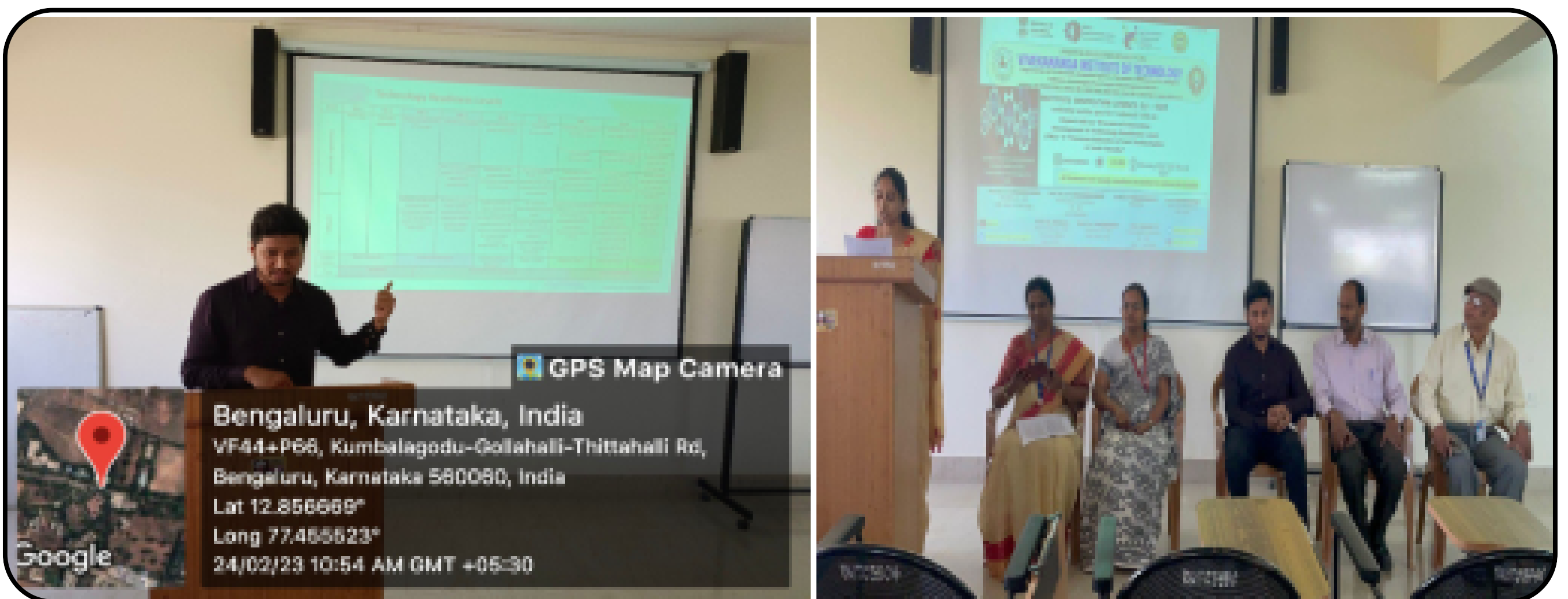

One Day Workshop on "Design Thinking: Critical Thinking and Innovation Design" on 17.02.2023
Speaker : Prof. Balaji V, HOD, Department of Mechanical Engineering, Sri Sai Ram College of Engineering, Bangalore

Workshop on "Process of Innovation Development & Technology Readiness Level (TRL) & Commercialisationof Lab Technologies & Tech-Transfer"
Speaker : Mr. Manohar, Senior Engineer

Date : 16/02/2023

Place : Bidadi, Bangalore

Bidadi Industrial Area,KA,India
Ramanagara, Bidadi Industrial Area, 562109, KA, India
Lat 12.813841, Long 77.413960
02/16/2023 11:24 AM
GMT+05:30
Note : Captured by GPS Map Camera

"Innovation & Entrepreneurship Outreach Program in Schools/Community"

Bengaluru, Karnataka, India
VF43+RWJ, Bengaluru, Karnataka 560060, India
Lat 12.857087°
Long 77.454296°
09/12/22 01:00 PM

Bengaluru, Karnataka, India
VF44+Q22, Bengaluru, Karnataka 560060, India
Lat 12.85692°
Long 77.455006°
09/12/22 03:23 PM GMT +05:30

One Day workshop on Cloud Computing and its Applications (For 1 st Year and 3 rd , 5 th
and 7 th Semester) on 09.12.2022
Speaker : Dr. Nandini , Associate Professor, Dr. AIT, Bangalore

TECHNICAL SEMINARS CONDUCTED

- A Technical Seminar has been arranged by Information Science and Engineering on 29.05.2023 in connection with 1 st year induction programme
- Department Information Science and Engineering has organised a seminar on "Cloud Computing and Natural Language Processing and Applications on 12.05.2023
- Department Information Science and Engineering has organised a Book releasing Event and the Book title is " Introduction to C Programming" on 12.05.2023 at ISE Block.

OTHER ACHIEVEMENTS

Sl.No.	Particulars	
1.	Name and Address of the Recognized Research Supervisor	DR.P VANAJAKSHI #B6 303 VISHNUPRIYE BDA JNANABHARATHI RESIDENTIAL ENCLAVE VALAGERAHALLI KENGERI BANGALORE 560059
2.	Registration ID	032023RSCS004137
3.	Designation (Professor/Associate Professor/ Assistant Professor) or Actual Designation with AICTE cadre equivalence	Assc. Professor
4.	Recognised Faculty under which research is to be carried out	FACULTY OF COMPUTER AND INFORMATION SCIENCES
5.	Department in which the VTU recognized Research Center is established	COMPUTER SCIENCE AND ENGINEERING
6.	Recognition date/month/year of Research Supervisor	18-05-2023
	******	

Registrar

- Dr. P. Vanajakshi Recognition as Research Supervisor under the reference letter given by VTU Belgavi, VTU/BGM/Aca./Ph.D./2022-23/20725 dated:01-03-2023

Faculty Achievements:

1. Dr. P Vanajakshi published the text book titled " Introduction to C Programming " (NEP Syllabus, First Year) ,Scientific International Publishing House(SIPH),First edition,2023.

2. Dr. P Vanajakshi filed a Patent with the title of the Invention "Sentiment Analysis on Social media fake posts using Machine learning Technology", at Controller General of Patents, Designs &Trade Marks ,Chennai.

3. Dr. P Vanajakshi published a research paper entitled "Mamatheya Thottilu" Real Time Baby Cradle with Smart Assistance using IoT" IJERT, Volume 12, Issue 3 , March – 2023

4. Dr. P Vanajakshi, published a research paper entitled "Prediction of Cardiac Arrhythmia using Machine Learning", IJERT, Volume 12, Issue 2 , February – 2023

5. Dr. P. Vanajakshi attended online Five day Faculty Development Program on Artificial Intelligence/Machine Learning/ Deep Learning from 20.02.2023 to 24.02.2023 organised by the Department of Computer Science & Engineering at DRK College of Engineering and Technology, in Association with Invictus Engineers, Hyderabad.

6. Dr. P. Vanajakshi attended online Awareness/Training program under "National Intellectual Property Awareness Mission" on 04.01.2023 organised by Intellectual Property India.

7. Prof. Priyanka H V participated in IP Awareness / training program under National Intellectual Property Awareness Machine on 22.12.2022 organised by Intellectual Property India.

8. Prof. Priyanka H V attended online Five day Faculty Development Program on Artificial Intelligence/Machine Learning/ Deep Learning from 20.02.2023 to 24.02.2023 organised by the Department of Computer Science & Engineering at DRK College of Engineering and Technology, in Association with Invictus Engineers, Hyderabad.

9. Prof. Priyanka H V participated in IP Awareness / training program under National Intellectual Property Awareness Machine on 22.12.2022 organised by Intellectual Property India.

10. Prof. Priyanka H V attended online Five day Faculty Development Program on Artificial Intelligence/Machine Learning/ Deep Learning from 20.02.2023 to 24.02.2023 organised by the Department of Computer Science & Engineering at DRK College of Engineering and Technology, in Association with Invictus Engineers, Hyderabad.

11. Prof. Vani B A participated in IP Awareness / training program under National Intellectual Property Awareness Machine on 22.12.2022 organised by Intellectual Property India.

12. Prof. Vani B A, attended online Five day Faculty Development Program on Artificial Intelligence/Machine Learning/ Deep Learning from 20.02.2023 to 24.02.2023 organised by the Department of Computer Science & Engineering at DRK College of Engineering and Technology, in Association with invictus Engineers, Hyderabad.

Students Achievements: -

1. Hemalatha P (1VK20IS014) 6 th Semester enrolled for award of Honor's degree with B.E Program Information Science and Engineering, with CGPA with 9.2 in Visvesvaraya Technological University, Belgavi.

2. Mahesh A.V (1VK21IS022), 3 rd ISE attended Java Programming for Complete Beginners on 03.11.2022

3. Vishal V Nayak (1VK21IS056) , 3 rd ISE attended Dekho Apna Desh Webinar: The Buddhist Relics of Amaravathi Quiz, and participated in Quiz on Indian Traditional Knowledge, Participated in Jai Jeevan Mission Mahaquiz

Following Students Completed Internship in Different Companies - 2023

No			
1	1VK19IS001	AISHWARYA.A	**Bharath Electronics Ltd** , Jalahalli Post, Bengaluru-560013
2	1VK19IS002	ANANYA.T.J	HAL - Aircraft division banglore complex old air port road post bag No.1788, Bengaluru-560017
3	1VK19IS003	CHITHRA.D.M	HAL - Aircraft division banglore complex old air port road post bag No.1788, Bengaluru-560017
4	1VK19IS004	DEEKSHASHETTY	HAL - Aircraft division banglore complex old air port road post bag No.1788, Bengaluru-560017
5	1VK19IS005	DURGASHREE.H.S	**BOSCH**, No. 42, II Phase, Sector 2, KIADB Industrial Area, Shanumangala, Bidadi Hobli, Ramanagar Dist.-562 109.
6	1VK19IS007	KIRANKUMAR.V.M	**TechnoFly Solutions**
7	1VK19IS008	KUSHAL.D	HAL - Aircraft division banglore complex old air port road post bag No.1788, Bengaluru-560017
8	1VK19IS009	LISHIKA.K	HAL - Aircraft division banglore complex old air port road post bag No.1788, Bengaluru-560017
9	1VK19IS010	MANASA.N.N	**TechnoFly Solutions**#792/E , 1st Cross, 3rd A Main Rd, near TTMC bus stop, Hosahalli Extension, Vijayanagar, Bengaluru, Karnataka 560040
10	1VK19IS011	NIHARIKASHANKAR	**TechnoFly Solutions**, #792/E , 1st Cross, 3rd A Main Rd, near TTMC bus stop, Hosahalli Extension, Vijayanagar, Bengaluru, Karnataka 560040
11	1VK19IS013	PRAGATHI.G.O	**TechnoFly Solutions**, #792/E , 1st Cross, 3rd A Main Rd, near TTMC bus stop, Hosahalli Extension, Vijayanagar, Bengaluru, Karnataka 560040
12	1VK19IS014	RASHMI.M	**TechnoFly Solutions**, #792/E , 1st Cross, 3rd A Main Rd, near TTMC bus stop, Hosahalli Extension, Vijayanagar, Bengaluru, Karnataka 560040
13	1VK19IS016	SHIVENDRA SAHARE	**TechnoFly Solutions**, #792/E , 1st Cross, 3rd A Main Rd, near TTMC bus stop, Hosahalli Extension, Vijayanagar, Bengaluru, Karnataka 560040
14	1VK19IS017	SNEHA	**TechnoFly Solutions**, #792/E , 1st Cross, 3rd A Main Rd, near TTMC bus stop, Hosahalli Extension, Vijayanagar, Bengaluru, Karnataka 560040
15	1VK19IS018	SONIKA.D	HAL - Aircraft division banglore complex old air port road post bag No.1788, Bengaluru-560017
16	1VK19IS019	SPOORTHI.S.S	HAL - Aircraft division banglore complex old air port road post bag No.1788, Bengaluru-560017
17	1VK19IS020	T G SHIVAJI	HAL - Aircraft division banglore complex old air port road post bag No.1788, Bengaluru-560017
18	1VK19IS021	YASHAS.S	HAL - Aircraft division banglore complex old air port road post bag No.1788, Bengaluru-560017
19	1VK18IS004	CHETHAN J	**SAIN Informatix**, 1122, Cellar Floor, Service RoadHampi Nagar, Bengaluru
20	1VK18IS009	PAVAN HEGDE H D	**SAIN Informatix**, 1122, Cellar Floor, Service RoadHampi Nagar, Bengaluru

18th Karnataka State Level ISTE Student Convention

8th Semester ISE Students Participated in Project Exhibition at Vemana Institute of Technology , Bangalore

The participated list as follows.

USN	Name	Name of The Guide
1VK19IS004	DEEKSHASHETTY	Dr. P. Vanajakshi
1VK19IS008	KUSHAL.D	
1VK19IS019	SPOORTHI.S.S	
1VK19IS020	T G SHIVAJI	
1VK19IS021	YASHAS.S	Prof. Priyanka H V
1VK19IS009	LISHIKA.K	
1VK19IS001	AISHWARYA.A	
1VK19IS002	ANANYA.T.J	Prof. Vani B A
1VK19IS003	CHITHRA.D.M	
1VK19IS017	SNEHA	
1VK19IS018	SONIKA.D	
1VK19IS010	MANASA.N.N	Dr. P. Vanajakshi
1VK19IS011	NIHARIKASHANKAR	
1VK19IS014	RASHMI.M	
1VK19IS005	DURGASHREE.H.S	Dr. Somdeb Chanda
1VK19IS013	PRAGATHI.G.O	
1VK18IS009	PAVAN HEGDE H D	
1VK18IS004	CHETHAN J	

Hemalatha P 6th ISE has completed NTPEL on line Certification on " Cloud Computing " with a consolidated score of 67%

Vishal Nayak, student of 4th sem ISE completed NPTEL courses on "Problem Solving through Programming in C" & "Introduction to Internet of Things" with a consolidated scores of 67% and 71% respectively

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Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

VISHAL V NAYAK

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **71** %

Online Assignments	24.35/25	Proctored Exam	46.5/75

Total number of candidates certified in this course: **25880**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam
FREE ONLINE EDUCATION

Roll No: NPTEL23CS83S13234545   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

VISHAL V NAYAK

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **67** %

Online Assignments	25/25	Proctored Exam	42/75

Total number of candidates certified in this course: **3749**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam
FREE ONLINE EDUCATION

Roll No: NPTEL23CS53S33230686   To validate the certificate   No. of credits recommended: 3 or 4

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

VISION

To develop competent professionals in the field of AI&ML contributing globally to the benefit of industry and society

MISSION

- Impart rigorous training to generate knowledge through the state-of-the-art
- concepts and technologies in Artificial Intelligence and Machine Learning.
- Mould students to be technically competent through innovation and leadership.
- Inculcate values of professional ethics, social concerns, environment protection
- and life-long learning.
- Establish centers of excellence in leading areas of computing and artificial intelligence.

MESSAGE FROM THE HOD

In the dynamic landscape of AI&ML, our department stands at the forefront, empowering students to navigate challenges and contribute to unprecedented advancements. These technologies serve as catalysts across diverse fields such as robotics, digital communication, and many more. The intricate convergence of software, hardware, and communication technologies creates a tapestry of possibilities. As our students delve into this transformative journey, confronting challenges becomes an opportunity to shape the future of AI&ML applications.

This newsletter is a testament to our collective commitment to innovation and excellence, illuminating the evolving terrain of artificial intelligence and machine learning in our lives and beyond.

Dr. Vanajakshi P

HOD, Dept. of AI&ML

VKIT, Bengaluru

FACULTY DETAILS

Dr Vanajakshi P	Professor & HOD
Jamuna H G	Assistant Professor
Sathyavathi E V	Assistant Professor

NON-TEACHING STAFF DETAILS

Pushpa S Gotagunaki	Instructor
Kumar R	Instructor

EVENTS CONDUCTED

First Year Induction Programme was organized By Department of AI & ML – AY 2021-22

Bridge Course on "Object
Oriented Programming using Java and Python with hands on " from 8 th to 13 th of June
2022 for 4th Semester ISE ad AI&ML Students
Speaker : Dr. Vishwa Kiran S, Associate Professor, Department of CSE, BMSIT,
Bangalore
Dr. Smitha Shekhar , Associate Professor, Department of CSE, Dr.AIT, Bangalore

DEPARTMENT OF MECHANICAL ENGINEERING

VISION

To establish a synergetic Mechanical Engineering programme anchored in fundamentals and relevant state of the art technologies, thereby enabling the students to achieve all round development for careers in industry and institution of higher learning, being responsible to society and environment.

MISSION

- To establish a curricula & syllabi consisting of robust core courses with emphasis on imparting fundamental principles of mechanical engineering coupled with adaptive and sensitive electives catering to the cutting edge technologies.
- To promote interactive teaching practices using modern educational tools & techniques.
- To attain synergy in teaching, research and industrial practices.
- To explore, ensure and achieve participation of industrial expertise for connecting class room contents to real life situation.
- To encourage and promote resource generation among faculty through research & consultancy.
- To impart soft skills, Professional enabling students to achieve an all round personality development, making them responsive to societal needs and environmental concerns.

MESSAGE FROM THE HOD

I trust this message finds you all in good health and high spirits. As the Head of the Mechanical Engineering Department at VKIT, I am thrilled to extend my warmest greetings to the entire college community through the upcoming edition of our esteemed magazine.

Our department has been witness to incredible achievements, cutting-edge research, and the relentless pursuit of knowledge by both faculty and students. I encourage you to showcase the innovative projects, academic accomplishments, and the spirit of collaboration that defines us.

Let this magazine serve as a testament to the dedication and hard work of our Mechanical Engineering family. Together, let's celebrate our successes, inspire future endeavors, and strengthen the bonds that make VKIT a beacon of academic excellence.

I look forward to seeing the vibrant stories and achievements of our department beautifully encapsulated in the pages of the magazine.

Best Regards,

Dr. Manjunatha R
HOD, Dept. of ME
VKIT, Bengaluru

FACULTY DETAILS

Dr. Manjunatha R	HOD
Harsha R N	Assistant Professor
Devaraju G P	Assistant Professor
Sudindra S	Assistant Professor
Mr. Kumar K	Assistant Instructor

NON-TEACHING STAFF DETAILS

Mohan Kumar D	Instructor
Chandrashekar K C	Lab Assistant
Nikhil kumar B	Lab Assistant
Shivamma G	Helper

STUDENT DEVELOPMENT PROGRAMS

Workshop on Intellectual Property Rights & IP Management for Start Up
5th June 2023, Speaker: Dr. Rudresh
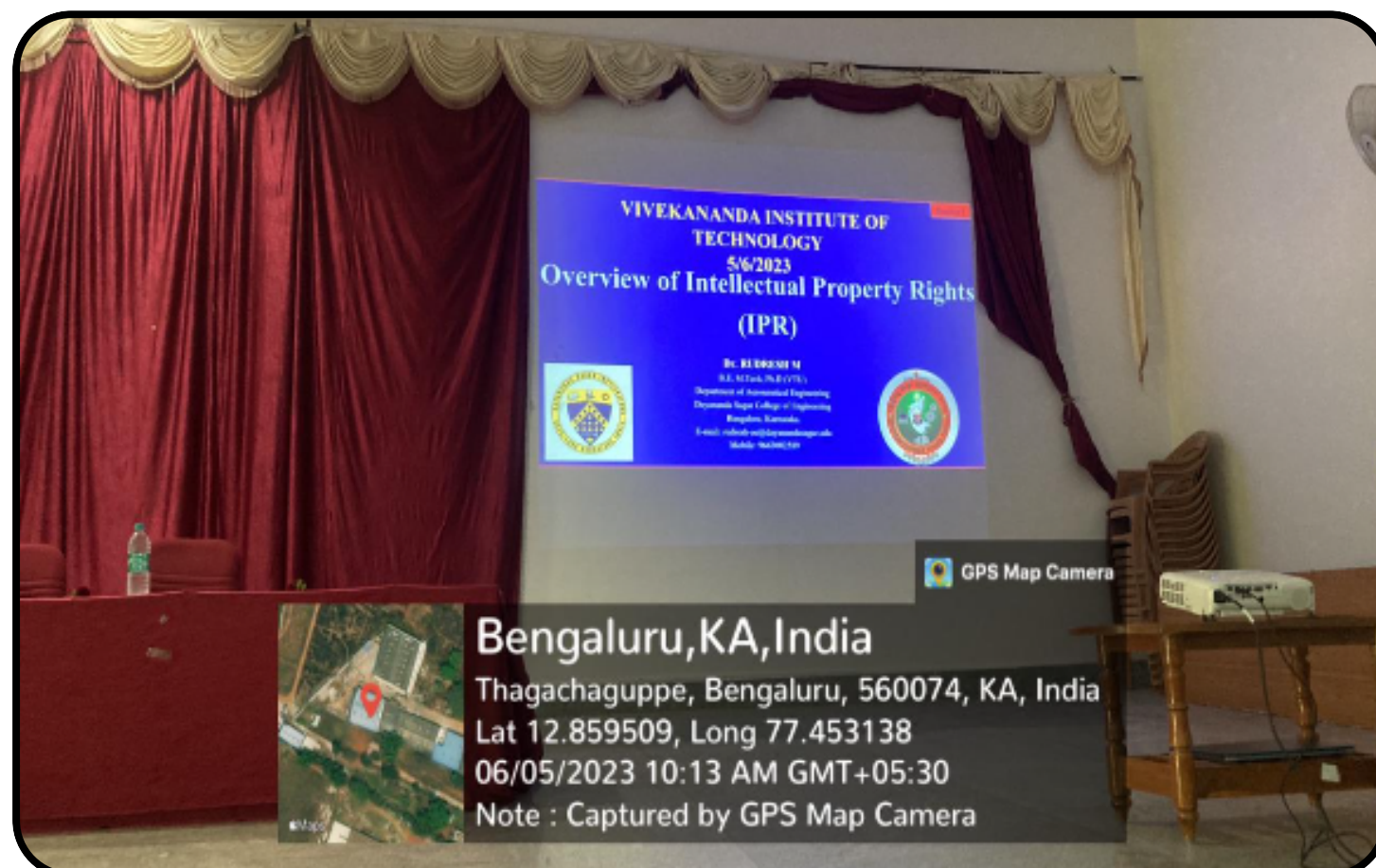
Description :

The main objective of intellectual property law is to encourage innovation and to provide incentives for innovation by granting protection to inventors that will allow them to recover research and development investments and reap the benefits of their inventions for a limited period of time.

Industrial properties include patents or inventions, trademarks, trade names, biodiversity, plant breeding rights and other commercial interests. A patent gives its holder the exclusive right to use the Intellectual Property for the purposes of making money from the invention.

Objective:

The main objective of IPR is to create awareness among staffs & students about the benefits of Intellectual property rights.

-To stimulate the creation and growth of intellectual property by undertaking relevant measures.

- To have strong and effective laws with regard to IP rights, consistent with international obligations.

- To modernise and strengthen IP administration.

- To catalyse commercialization of IP rights.

Workshop on Prototype/ Process Design & Development
7th June 2023, Speaker: Dr. Balaji

Description:
The Students & Staffs have gained the knowledge about how to access the funds from various agencies to start-ups, R & D facilities available and the difficulties during start-ups. This event was helpful to the students & staffs to become young Entrepreneurs.

Objective:
The main objective of this event is to bring the motivation in the students and faculties about the start ups to become young Entrepreneurs. Also this event aimed to bring awareness about how to plan for start ups, the difficulties they come across once they go for start ups & the legal implications followed by Ethical steps. This program also helped both staffs & students to know about the financial assistance from Govt. funding agencies.

FACULTY DEVELOPMENT PROGRAM

Workshop on How to plan for Start-ups and legal & Ethical steps
7 th June 2023, Speaker: Dr. Balaji
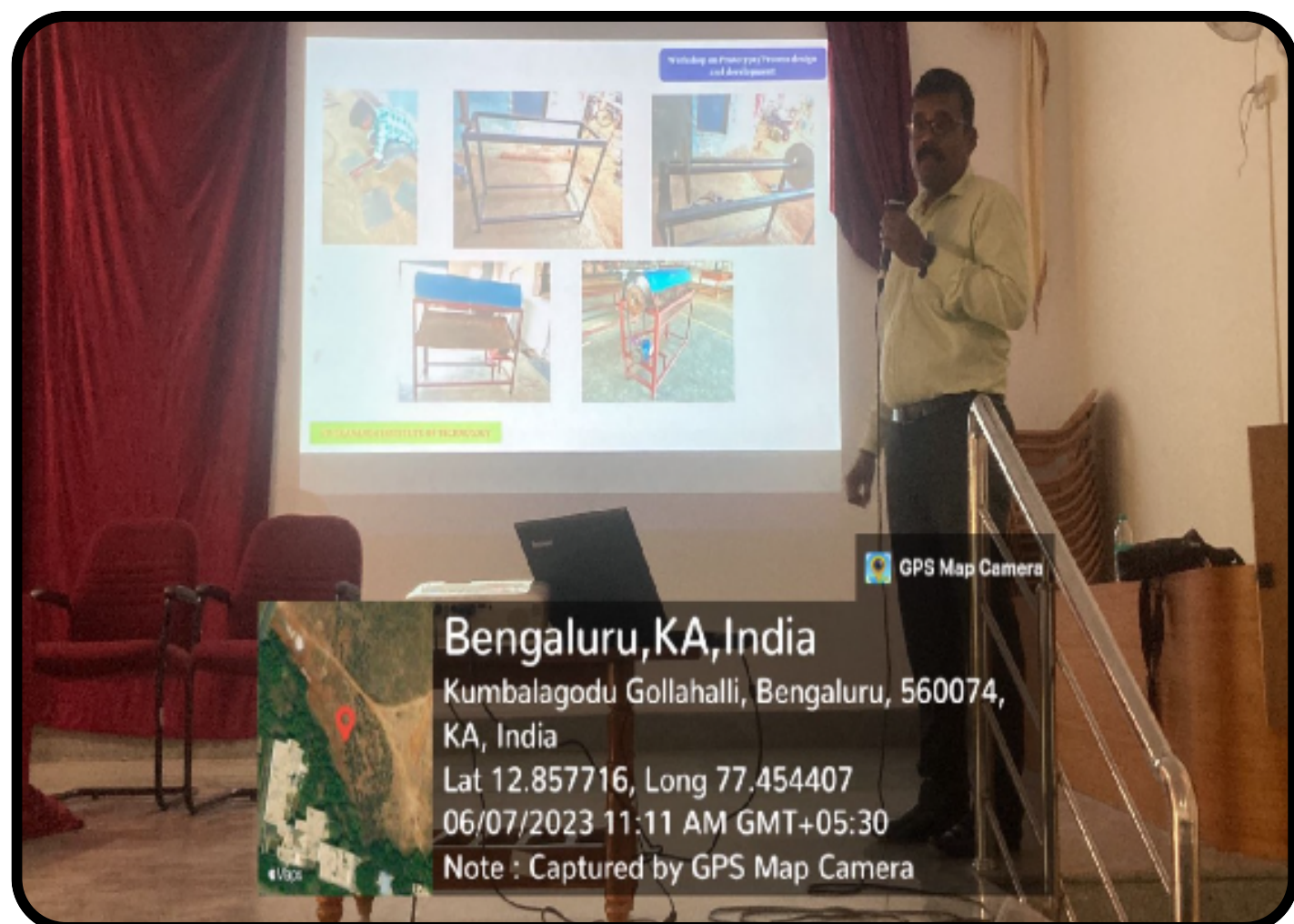
Description :
The Students & Staffs have gained the knowledge about Prototype/ Process Design & Development. This program also helped in how the Prototype play the major role in bringing/manufacturing the actual product into the market.

Objective:
Prototyping is a process of bringing your product idea from mental concept to physical world. Hence, a prototype is a model of your product in a tangible shape and form. Prototypes can be of various types and fulfill different goals, depending on your immediate or future needs.

- Validate customer demand and save your resources
- Test technical feasibility and set your course
- Improve your product's aesthetics and meet customers' standards

DEPARTMENT OF CIVIL ENGINEERING

VISION

An outstanding knowledge dissemination centre through cutting edge technology to produce globally acceptable, competent Civil Engineers who will be in the forefront of planning, designing and executing Civil Engineering innovations for the benefit of mankind.

MISSION

Providing continuous teaching, learning, research, Professionalism and ethics to students through committed faculty, state of the art infrastructure, student industry interactions and co- curricular activities to create dedicated, committed, technically sound and environmentally conscious Civil Engineers.

MESSAGE FROM THE HOD

I am honored to address you as the Head of the Civil Engineering Department at VKIT. Our department stands as a hub of innovation, fostering academic excellence, and cultivating a spirit of creativity and inquiry.

In the forthcoming edition of our college magazine, I encourage you to explore the remarkable journey of our Civil Engineering students and faculty. From groundbreaking research to real-world projects, our department has consistently pushed the boundaries of what is possible.

Let this magazine be a testament to our commitment to excellence and our passion for contributing to the ever-evolving field of Civil Engineering. I am excited to see the pages filled with stories of perseverance, collaboration, and the transformative impact we continue to make in the world.

As we celebrate our collective achievements, let us also reflect on the values that make VKIT a center for learning and innovation. I extend my gratitude to the entire department for their hard work and dedication, and I eagerly anticipate the unveiling of our successes in the pages of this magazine.

Best Regards,

Mr. Harish T S
HOD, Dept. of CE
VKIT, Bengaluru

FACULTY DETAILS

Harish T S	Professor & HOD
Dr. H K Lakshmipathaiah	Assistant Professor
Siddaraju N	Assistant Professor
Pavithra S	Assistant Professor
Mrs. Navya K S	Assistant Professor
Mrs. Soubhagya S B	Assistant Professor

NON-TEACHING STAFF DETAILS

Arun M	lab Instructor
Shivappa H T	Lab Assistant
Rajamudi B P	Attender

EVENTS CONDUCTED

Survey Camp
Students of 6th semester actively carried out activities in Survey camp from 5.04.2023 to 17.04.2023 at Golahalli.

Internship
As a part of curriculum prefinal year students should undergo internship for a period of 30 days. Students have undergone internship from August 17th to September 17th at DMR Constructions.

Celebration of "World Environment Day"
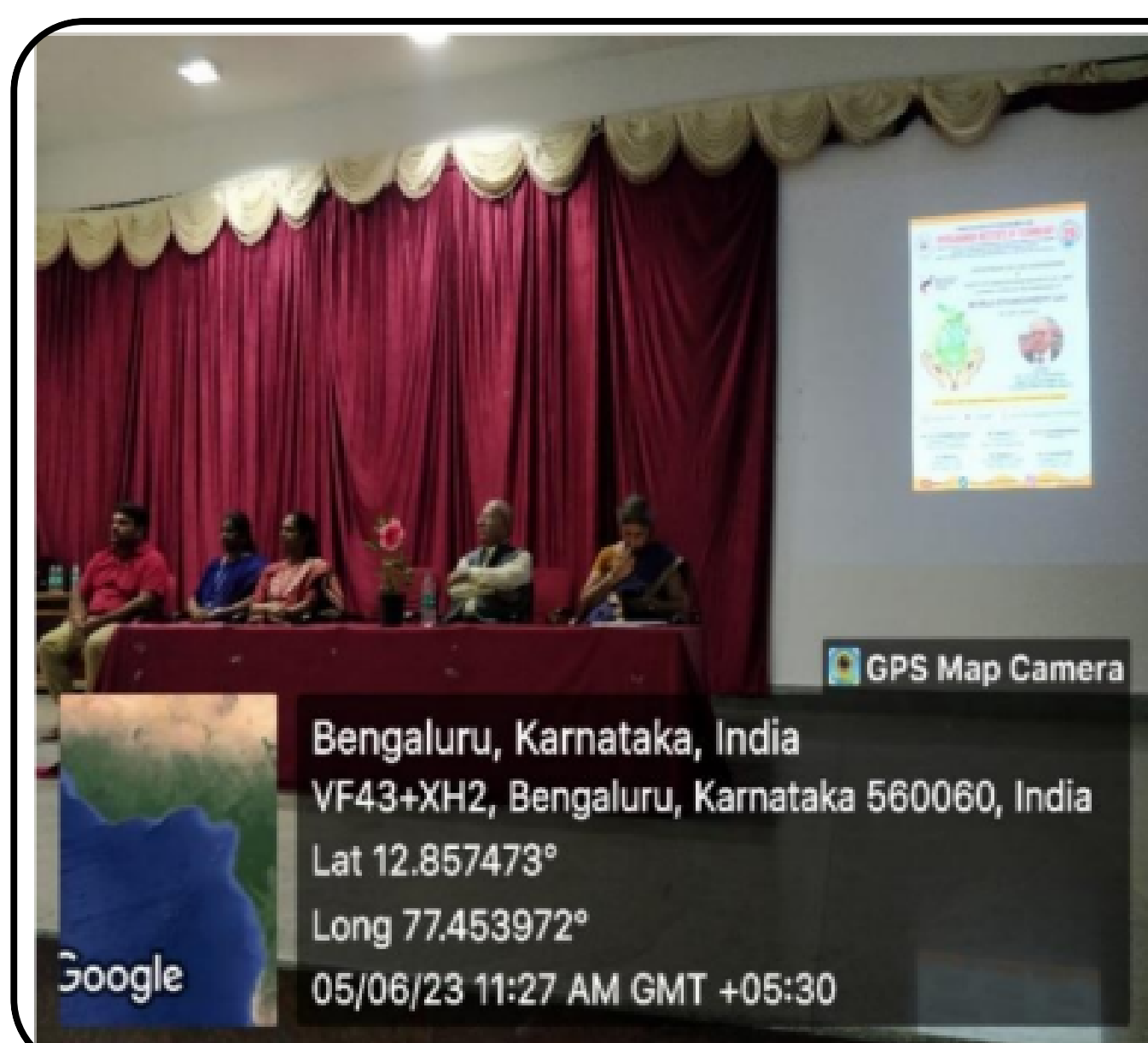
In the college's celebration of "World Environment Day 2023", students and faculty come together to raise awareness about environmental issues and promote sustainable practices. A seminar was organized where participants learned about the significance of ecosystem restoration and its benefits.

As part of the celebration, a special initiative involves the planting of coconut saplings. The coconut tree is known for its ecological benefits, such as providing shade, preventing soil erosion, and promoting biodiversity. Students and faculty actively participated in planting coconut sapling along with Chief Guest **Dr. H.S.M. Prakash** on the college campus, contributing to the restoration and enhancement of the local ecosystem.

Through this celebration, the college aims to instill a sense of environmental responsibility and encourage sustainable actions among students and faculty members. It provides an opportunity for the college community to actively engage in environmental conservation efforts and contribute to creating a greener and more sustainable future.

OTHER ACHIEVEMENTS

[1] Mr. Harish T S presented the paper titled "NANOMATERIALS AND THEIR IMPACT ON CEMENT PASTE CHARACTERISTICS: A REVIEW" at the International Conference on Modern Trends in Civil Engineering Infrastructure Development and Management (MTCEIDM) 2023 held on 8th to 10th December, 2023 at Department of Civil Engineering, BMS College of Engineering, Bengaluru – 560019. India.

[2] Mr. Harish T S participated in the 5 Days Online International Faculty Development Program on "Data Analytics using Power BI" from 20th to 24th March 2023 organized by the Department of Information Technology, G Narayanamma Institute of Technology and Science (for women) in Collaboration with ExcelR.

[3] Mr. Harish T S participated and successfully completed One Week AICTE–VTU Joint Teachers Training Programme on "Introduction to Python Programming & its Applications" from 13th to 17th March 2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.

CERTIFICATE

OF PARTICIPATION

This is to certify that

Harish T S

Participated in 5 Days Online International Faculty Development Program on
Data Analytics using Power BI organized by the Department of Information Technology,
G Narayanamma Institute of Technology and Science (for women) in Collaboration with ExcelR.

Date: 20th March 2023 to 24th March 2023

Dr. I Ravi Prakash Reddy
HOD-IT GNITS

Dr. K Ramesh Reddy
Principal, GNITS

Ram Tavva
CEO, ExcelR Solutions

Certificate Code: 40893F/EXLR/28032023

EDL
Everyday Learning

Certificate No: AICTE-VTU/CPGSM/2022-23/PRG-01/231

AICTE – VTU Joint Teachers Training Programme
VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Centre for Post-Graduation Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) -562101
One Week Online Teachers Training Program
On
"Introduction to Python Programming & its Applications"
13th – 17th March 2023

Certificate

This is to certify that Mr. /Mrs. /Dr. /Prof. *HARISH T S of VIVEKANANDA INSTITUTE OF TECHNOLOGY, BENGALURU* has participated and successfully completed One Week AICTE–VTU Joint Teachers Training Programme on *"Introduction to Python Programming & its Applications"* from 13th to 17th March 2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.

Dr. Thippeswamy K
Programme Coordinator
Introduction to Python Programming &
its Applications

Dr. N. Chikkanna
TU Coordinator, Professor & Chairman
Dept. of Aerospace Engineering
VTU CPGS, Muddenahalli.

Dr. Rangaswamy B E
Registrar
Visvesvaraya Technological University,
Belagavi.

Certification Courses completed

[1] Mr. Harish T S successfully completed the course Research Methodology (Proctored Exam date: 28-October-2023) through NPTEL Online Certification organized by the Indian Institute of Technology Madras.

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

HARISH T S

for successfully completing the course

Research Methodology

with a consolidated score of **80** %

Online Assignments	22.08/25	Proctored Exam	57.81/75

Total number of candidates certified in this course: **3794**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Aug-Oct 2023

(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION
swayam

Roll No: NPTEL23GE36S632301397   To verify the certificate   No. of credits recommended: 2 or 3

DEPARTMENT OF BASIC SCIENCE & HUMANITIES

VISION

BSH department is committed to mould the students into responsible individuals, in depth knowledge of subjects, discipline and human values, thereby contributing to the overall growth of the country.

MISSION

To strive hard to overcome the hindering forces in the minds of young technocrats and to catalyse technical activity, thereby directing a light beam for better making of country.

MESSAGE FROM THE HOD

It is with great pleasure and enthusiasm that I extend my warm greetings to all the students, faculty, and staff members of VKIT College. As the Vice-Principal and Head of the Basic Science and Humanities Department, I am honored to contribute to the rich academic tapestry of our institution.

As we navigate through the dynamic landscape of education, the VKIT College community continues to stand out for its commitment to excellence, innovation, and holistic development. Our dedicated faculty members work tirelessly to inspire and guide students, fostering an environment that encourages intellectual curiosity and a passion for lifelong learning.

I encourage each student to embrace the opportunities presented during their time at VKIT College. Engage in research, participate in extracurricular activities, and collaborate with peers to make the most of your college experience. Remember, the skills and knowledge you acquire here will not only shape your academic journey but also lay the groundwork for your future endeavors.

The college magazine serves as a wonderful platform to showcase the achievements, talents, and stories that define our vibrant community. I look forward to reading about the remarkable contributions of our students and faculty in the upcoming edition. Let us continue to celebrate the spirit of learning and collaboration that defines VKIT College.

Wishing everyone a successful and fulfilling academic year ahead!

Best regards,

Dr. D V Chandrashekar
Vice-Principal and HOD,
Basic Science and Humanities Department,
VKIT, Bengaluru

FACULTY DETAILS

Dr. D V Chandrashekar	Professor, Vice-Principal & HOD
Dr. H G Bheemanna	Professor
Dr. Shilpa B V	Assistant Professor
Dr. Mohan Babu V	Assistant Professor
Devika Devi N	Assistant Professor
Lakshmikanth D B	Assistant Professor
Dr. Latha Rani N	Assistant Professor
Pooja D N	Assistant Professor
Tejaswini R	Assistant Professor

NON-TEACHING STAFF DETAILS

Shrunga H V	Lab Instructor
Puttaswamy Gowda A B	Lab Instructor

EVENTS CONDUCTED

EVENT 1: NATIONAL SCIENCE DAY

On occasion of National Science Day, 28th Feb 2023, Department of BSH, VKIT has organized science exhibition presented by first semester BE students of various Departments. 28 groups presented their project. **Dr Lalith ram, Sr. scientist, BARC, Bombay, Smt. Indira Gopalkrishna, MC member, JES and Dr. Padmanabha S, Principal VKIT** were inaugurated the Science Exhibition. Dr. Lalitha ram and Smt. Indira gopalkrishna evaluated each project and selected the best three projects. In addition to this, Vivekananda Pre University college students and Vivekananda Public school students visited the Science exhibition and interacted with each group of the project and earn the basic science knowledge from the project.

EVENTS CONDUCTED

EVENT 2: "INTERNATIONAL DAY AGAINST DRUG ABUSE AND ILLICIT TRAFFICKING " CELEBRATION

In view of international drug day celebration on 26/06/2023, Department of Basic Science & Humanities arranged a program on "International Day Against Drug Abuse and Illicit Trafficking" held 27/06/2023.An eminent speaker was invited for this program. About 250 numbers of first year BE students attended the event. The program started at 11.00 AM by welcoming the **Chief Guest-Mr. Vijayakumar, Circle Inspector, Kagalipura, Police Station Bangalore by Dr. D V Chandrasheka, Principal VKIT** and the session was handed over to the speaker Mr. Vijayakumar, he spoken about the drug abuse and addiction of the student's community, awareness on drug abuse and ill effects of drugs on human beings, in this context he showed two videos related to drug abuse and its effects about 45min. After this he spoke the students not to involve any drug activity and it will spoil student life and their family, finally he advised the students to report to our station if anyone is involved in this activity. Finally, the event was concluded with vote of thanks---**Dr. H G Bheemanna**, Coordinator, Drug abuse Committee.

DEPARTMENT OF LIBRARY & INFORMATION CENTER

VISION

To provide Hi-Tech library facilities & services to the users.

MISSION

To serve as an information resource centre and to develop a comprehensive collection to ensure an efficient dissemination of knowledge by utilizing latest Information and Communication Technology (ICT)

MESSAGE FROM THE LIBRARIAN

I hope this message finds you well. As the college librarian, I am excited to submit a piece for the upcoming edition of our esteemed college newsletter, *"VIVEKA VANI"*. The article focuses on the transformative power of literature and the library's role in fostering a love for learning among our students. It explores the diverse range of resources available and highlights the library's commitment to academic excellence.

I believe this contribution will resonate with our readers and further promote the importance of our library in shaping the intellectual landscape of our college. I look forward to seeing it published and contributing to the collective spirit of knowledge-sharing within our academic community.

Thank you for considering my submission.

Warm regards,

Mr. R E Narayana
Librarian
VKIT, Bengaluru

LIBRARY FACULTY DETAILS

Mr. R E Narayana	Librarian
Dr. Manjunatha N	Assistant Librarian
Mrs. Gayathri	Assistant Librarian
Mr. Manjunatha B	Helper
Mrs. Sarojamma	Sweeper

EVENT 1: LIBRARIAN'S DAY

Librarian's day Celebrated on 12th August 2023 memory of Dr.S R Ranganthan (Father of Library Science) on his birth day we celebrated as a Librarian day.

Librarian Introduce about Dr.Ranganathan

Dr.Ranganathan headed the Indian Library Association from 1944 to 1953, but was never a particularly adept administrator, and left amid controversy when the Delhi Public Library chose to use the Dewey Decimal Classification system instead of his own Colon Classification. He held an honorary professorship at Delhi University from 1949 to 1955 and helped build that institution's library science programs with S. Dasgupta, a former student of his. While at Delhi, Ranganathan drafted a comprehensive 30-year plan for the development of an advanced library system for the whole of India. In 1951, Ranganathan released an album on Folkways Records entitled, Readings from the Ramayana: In Sanskrit Bhagavad Gita.

Ranganathan briefly moved to the Zurich, Switzerland, from 1955 to 1957, when his son married a European woman; the unorthodox relationship did not sit well with Ranganathan, although his time in Zurich allowed him to expand his contacts within the European library community, where he gained a significant following. However, he soon returned to India and settled in the city of Bangalore, where he spent the rest of his life. While in Zurich, though, he endowed a professorship at Madras University in honour of his wife of thirty years, largely as an ironic gesture in retaliation for the persecution he suffered for many years at the hands of that university's administration.

Ranganathan's final major achievement was the establishment of the Documentation Research and Training Centre as a department and research centre in the Indian Statistical Institute in Bangalore in 1962, where he served as honorary director for five years. In 1965, the Indian government honoured him for his contributions to the field with a rare title of "National Research Professor."

Description: 1) During final exam time library extend reading time 4.30 P M to 7.30 P M

2) Every 12th of August we celebrate "LIBRARIAN'S DAY"

EVENT 2: WORKSHOP ON DIGITAL PEDAGOGY WITH ELECTRONIC RESOURCES FOR ENGINEERING

Keynote Address:

Prof. H S Siddamallaiah delivered a compelling speech on "Digital Pedagogy with Electronic Resources in Engineering," emphasizing the evolving role of libraries in education. He stressed the importance of staying abreast of technology, utilizing library resources, and accessing journals like IEEE to remain at the forefront of engineering advancements.

Interactive Sessions:

Participants engaged in hands-on sessions exploring electronic resources at VKIT's library and understanding their application in engineering education. The sessions facilitated effective research methodologies, providing attendees with practical insights.

Distinguished guests participated in a panel discussion, sharing valuable insights on the integration of digital tools in academia. Discussions covered best practices, challenges, and opportunities for leveraging electronic resources, creating a dynamic exchange of ideas.

Conclusion:

The Library Workshop on December 27, 2023, successfully achieved its goal of promoting awareness about digital pedagogy and the importance of electronic resources. With esteemed guests and engaging discussions, the event left a lasting impact on participants, inspiring them to harness the power of libraries and technology in their academic pursuits.

Acknowledgments:

Special gratitude is extended to Prof. H S Siddhamallaiah, Sri K P Muthaiah, Dr. K M Ravikumar, Dr. D V Chandrashekhar, and Mr. R E Narayana for their unwavering support. Thanks to all participants for their active involvement, contributing to the overall success of the workshop.

CAREER COUNSELLING AND PLACEMENT CELL

VISION

- Empowering students to achieve their career goal.

MISSION

- Provide training to students so as to achieve their career goal.
- Empower all the students to apply the acquired skills, knowledge to rely upon their personal attributes so as to lead productive lives and contribute to the global community.
- Continuously improve the quality of students through assessments.
- Provide opportunities to the students over a wide variety of careers in a broad spectrum of industries / organizations in India.

ABOUT

Career counselling and Placement cell provide a bridge between students and corporate. Our students have been recruited by reputed companies. The Placement Cell enhances the employability of students by conducting pre-placement training programme for the students from 3rd to 7th sem which gives an insight of the corporate culture. The training syllabus includes mathematical skills, analytical skills, aptitude skills, language skills, technical skills. The career counselling and Placement Cell is equipped with seminar hall, group discussion room and interview rooms in the first floor of Administrative Block. The students are allowed to attend all the job opportunities provided on-campus, pool campus and off-campus.

FUNCTION OF CAREER COUNSELING AND PLACEMENT CELL (CCPC)

- Moulding the students to make them industry ready by imparting essential skills and training.
- Provides 60-hour exclusive training that covers English Language, to improve communication skill, Verbal Aptitude, Numerical & Analytical Reasoning, Logical Reasoning, Group Discussions, Mock Interviews, Personality Development and CV Writing to all pre-final year students through its training partners spread over for three years from starting from second year.
- Conducts regular Mock Tests are conducted on Aptitude, Analytic reasoning and Logical reasoning.
- The Domain specific placement training like C, C++, Java, DBMS. Hadoop, Data Analytics etc.. to students is arranged by the respective departments regularly.
- At the beginning of the recruitment process companies give pre-placement talks or presentation about their organisation.
- Guest Lectures and webinars are organized for placement and guidance to higher studies abroad.

MESSAGE FROM THE PLACEMENT OFFICER

At the outset I, Dr. Shaila K, Professor, Department of Electronics and Communication Engineering and Placement Officer, welcome you to the flag ship of newsletter. The Career Counseling and Placement Cell is the vital part of our institute. Training and Placement activities are organized throughout the year to place the maximum number of students through the campus and off campus interviews conducted by the companies with confidence. The students are assisted in planning their career and create a platform to groom their personality and face the interview through pre-placement training. Pre-placement training involves both soft skill and technical knowledge. This fragrance of flowers spreads only in the direction of the wind, similarly the activities of the career counselling and placement cell is spread through this newsletter.

Dr. K Shaila
Placement Officer
VKIT, Bengaluru

EVENTS CONDUCTED

CSR drive was arranged on 7th December 2023 by Global Quest Technologies.

- CSR drive by Palle Technologies was conducted online on 1st December 2023 and 22 students were selected.
- Free online training program on "Generative AI and ChatGPT" for 30 hours was conducted from 15th November 2023 by ExcelR Edtech Pvt/ Ltd. and as per the MoU.
- 140-hour certification-linked free Pre-Placement Training and Placements was conducted by Edunet Foundation in collaboration with EY- GDS on Next Gen Employability Program on Data Analytics and Full Stack Development from 15th October 2023 – 20th October 2023, 4th December to 15th December 2023, Volunteer Engagement Session on 14th and 15th December 2023 and from 28th December 2023 online session was conducted.

- A Live AMA Session on K-VLSI Design Skill Program was organised by KDEM on 27th September 2023.
- Free online training program on "Fundamentals of Full Stack Development" for 30 hours was conducted from 20th September 2023 by ExcelR Edtech Pvt/ Ltd.and as per the MoU.
- The inaugural function of registration of students in Karnataka Skill Development – Kaushalkar – Portal, Karnataka Digital Economy Mission, Startup Karnataka, K-tech and Startup Karnataka was organised on 29.08.2023 and all the students were made to register in the KSDC portal for internship and placement.

Awareness Program on Internship was organised on 2023. The resource persons were from Sapientury and Dev Minds.


- A free webinar on "How to get a Placement in Multinational Companies" by IIT Bombay on 14th August 2023.
- A session on "How to prepare for Interview and Opportunities Provided" by Ms. Urmila, Operations Manager, Seventh Sense Talent Solutions in the Induction Program on 25th May 2023.
- Online Session on "How to register for various opportunities (companies)" by Vivek, Seventh Sense Talent Solutions on 19th April 2023.
- Students placed under CSR drive - Global Quest Technologies – 05, Q/J Spiders – 15, Destination Technologies – 09, Ethnus – 13, TAP Academy – 02, Palle Technologies – 01, Pentagon Space – 07, XworkZ – 07.
- Around 30 students are being recruited by reputed companies and 59 students are undergoing training under CSR drive.
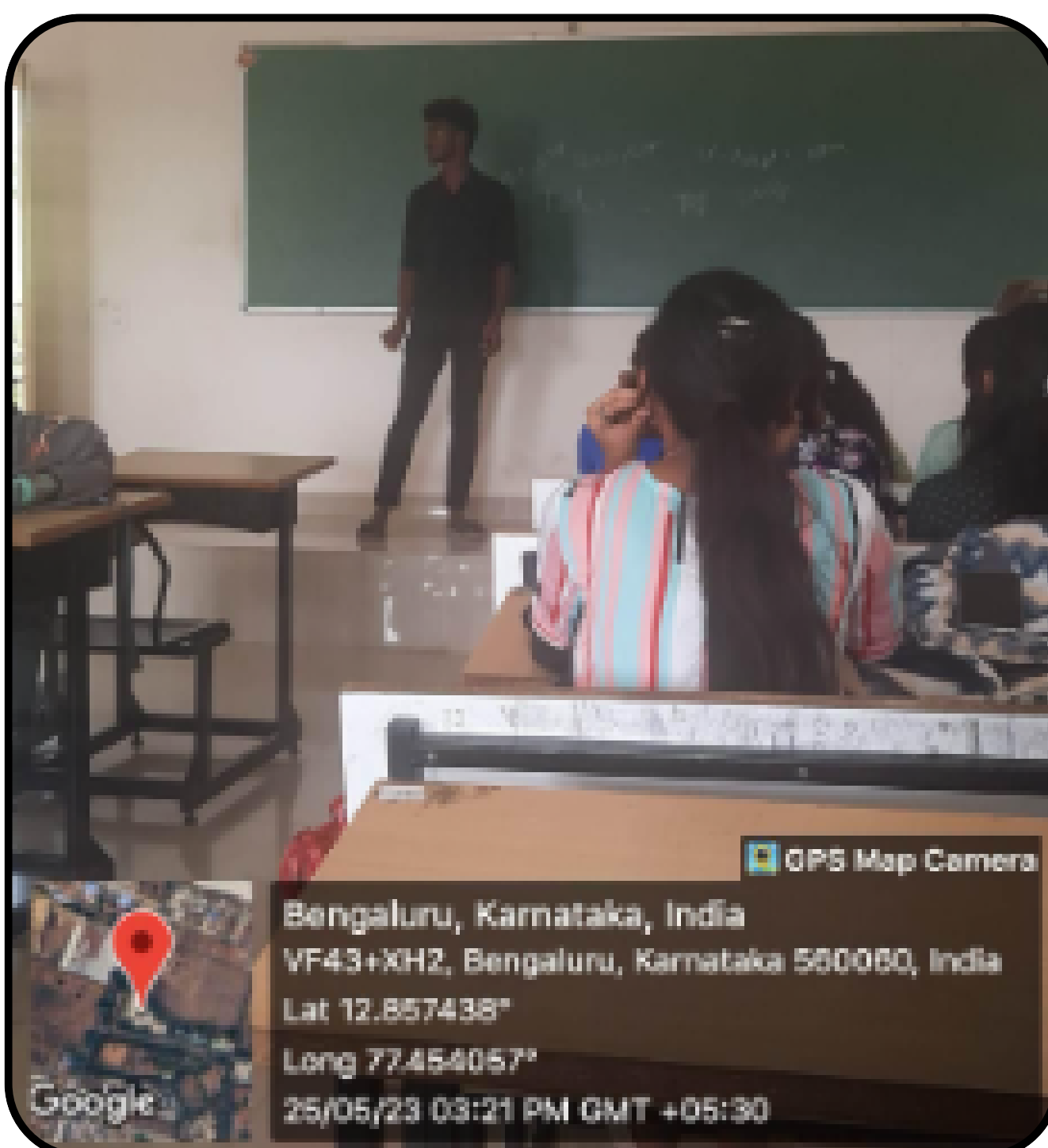
Talk Delivered:

Dr. Shaila K, Prof., Department of Electronics and Communication Engineering and Placement Officer delivered a session on "Machine Learning in Health Care" at Reva University on 24th May 2023.
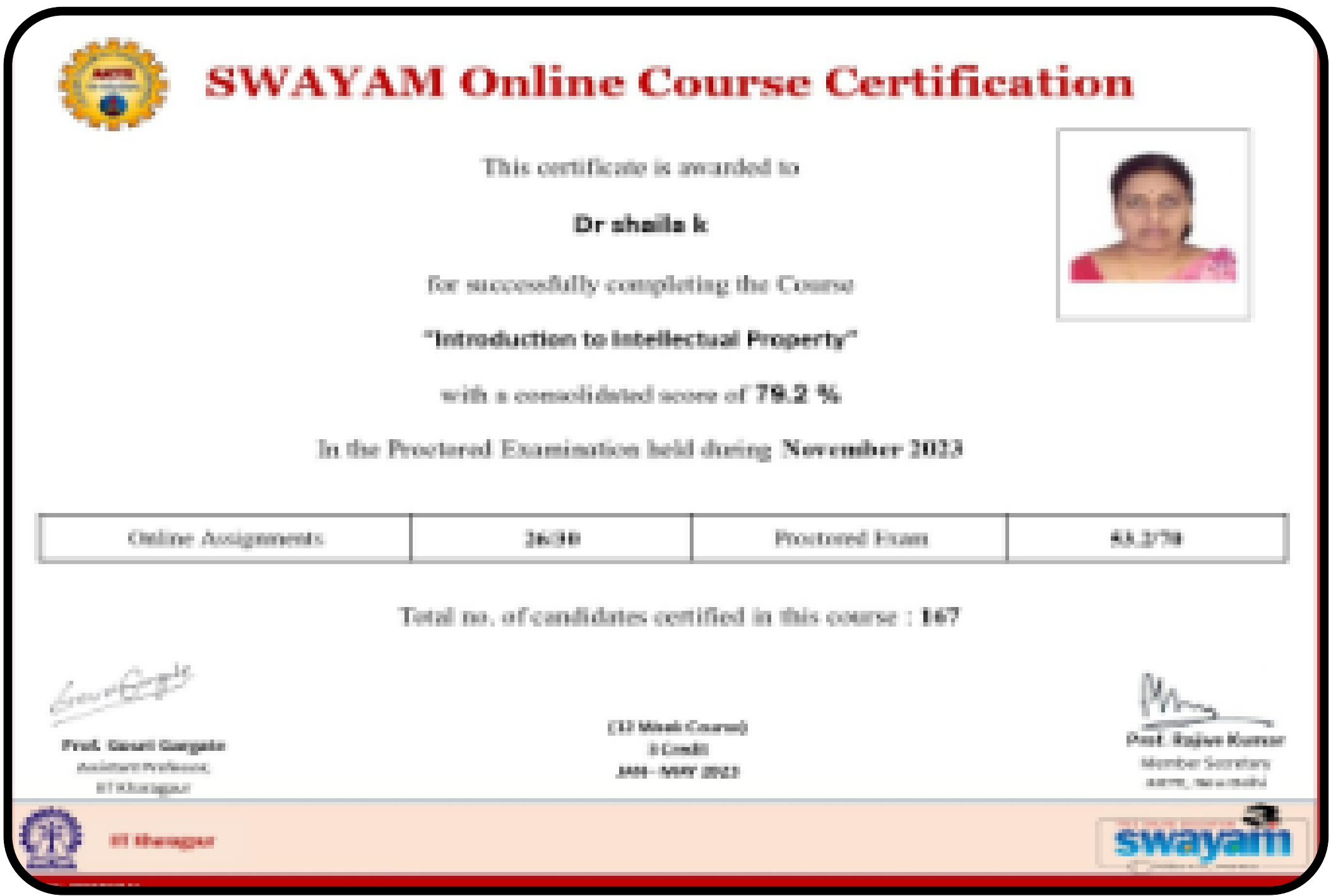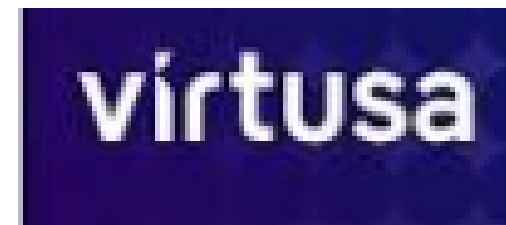

Swayam Courses:

Dr. Shaila K, Prof., Department of Electronics and Communication Engineering & Placement Officer completed the course on Professional Ethics for Higher Education Teachers conducted by National Institute of Technical Teachers' Training and Research, Bhopal and Introduction to Intellectual Property conducted by IIT-Kharagpur through Swayam Portal.

FEW COMPANIES WHERE OUR STUDENTS ARE RECRUITED

Tricon Infotech
Partnering with Success

vírtusa

TeamLease
Putting India to Work

happiest minds

ASPL ANMERKUNG

Secureye

SEVENTH SENSE
Talent Solutions

Hollow Cart

PEOL
EXPEDITIOUS BUSINESS SOLUTIONS

Chegg

PCS

IMMENSPHERE

FOXCONN

NASH INDUSTRIES

Continental
The Future in Motion

CADMAXX
EdTech

Students placed under CSR drive :

QSpiders   JSpiders
Training & Development Center

DESTINATION
...mentoring the career.

ethnus
Explore | Expand | Enrich

PENTAGON SPACE

TAP ACADEMY

Palle Technologies
begin your success

X-workz
ODC

Technologics
Diverse Technology | Seamless Integrity

HCL
HCL TECHNOLOGIES

verzeo
learn here lead anywhere

ITC INFOTECH
Business-friendly Solutions

ECS
ELCAMINO SOFTWARE

LiDO

accenture

Capgemini

UNICORNREADY

TECHVARIA

ugam
POWERING ANALYTICS
INTO ACTION

aseuro

EXCENT SOLUTIONS

SKOLAR
be a step ahead

LATLONG

DEPARTMENT OF PHYSICAL EDUCATION & SPORTS

VISION

- To produce National & International players by providing state-of-art sports facilities to the students.
- To achieve excellence in sports by incorporating physical fitness, core values of discipline, teamwork, safety, respect and integrity among the students.
- To spot and groom the sports talent, to foster, better human relation through physical education and sports activates.

MISSION

To instill a sporting culture by recognizing and utilizing sports as an important and sustainable tool for the holistic development of the students. To imbibe discipline, leadership qualities, courage through sports activities in the student's.

OBJECTIVES

☒ To achieve top position in sports arena for the students in the University level, State level, National level & International level.

☒ To provide opportunity and facility for the students to train at their chosen sports.

☒ To establish hi-tech Sports infrastructure & facility.

MESSAGE FROM THE PHYSICAL EDUCATION DIRECTOR

Greetings to All Readers,

''Sound mind in a sound body''

As the Director of Physical Education, I am delighted to contribute to our college newsletters, providing valuable insights into the role of physical activity and well-being in our educational environment.

In this section, you will find information about:

1. Physical Education Curriculum: Details on our curriculum designed to promote holistic development through structured physical activities.

2. Facilities and Resources: An overview of the state-of-the-art facilities and resources available to students for their physical well-being.

3. Health and Fitness Initiatives: our commitment to fostering a healthy lifestyle through various fitness programs and initiatives.

4. Athletics and Sports: A glimpse into the vibrant sports culture at VKIT, encouraging students to actively participate and excel in various sports.

I encourage you to explore this section of the Newsletter to better understand our dedication to physical fitness and well-being. Should you have any questions or require additional information, feel free to reach out.

Wishing everyone a healthy and active academic year!

Best regards,

LOKESH K T
Director of Physical Education
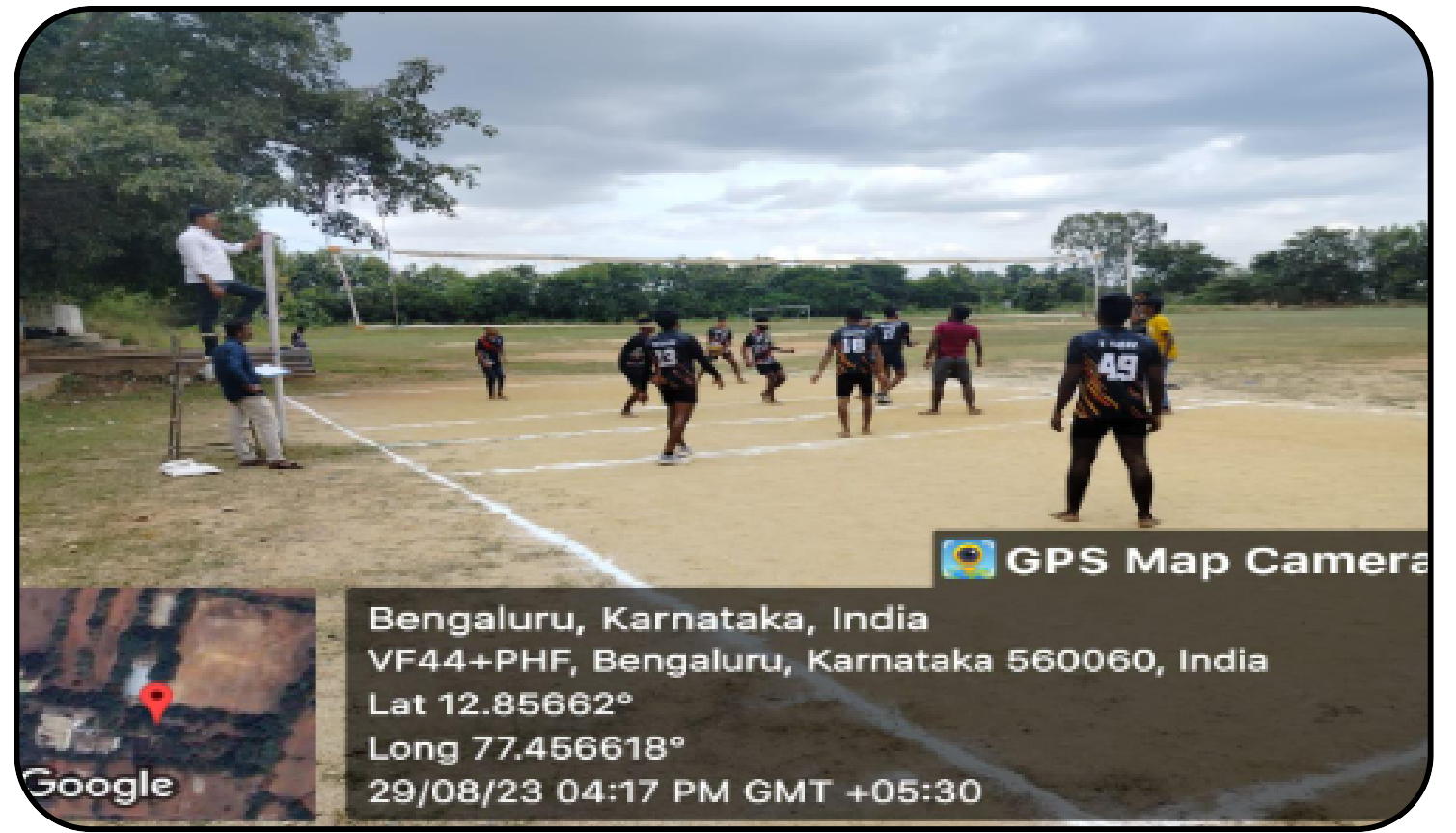VKIT, Bengaluru

EVENTS CONDUCTED

Participated in the VTU INTER COLLEGIATE State Level Athletic Meet (Men & Women) 2022-2023 Held at VTU, Belagavi from 21st to 24th May 2023.

Participated in the VTU INTER COLLEGIATE Wrestling & Judo (Men & Women) Single Zone Tournament 2023-2024 on 20th & 21st Nov 2023 held at KLSVDIT Haliyala.
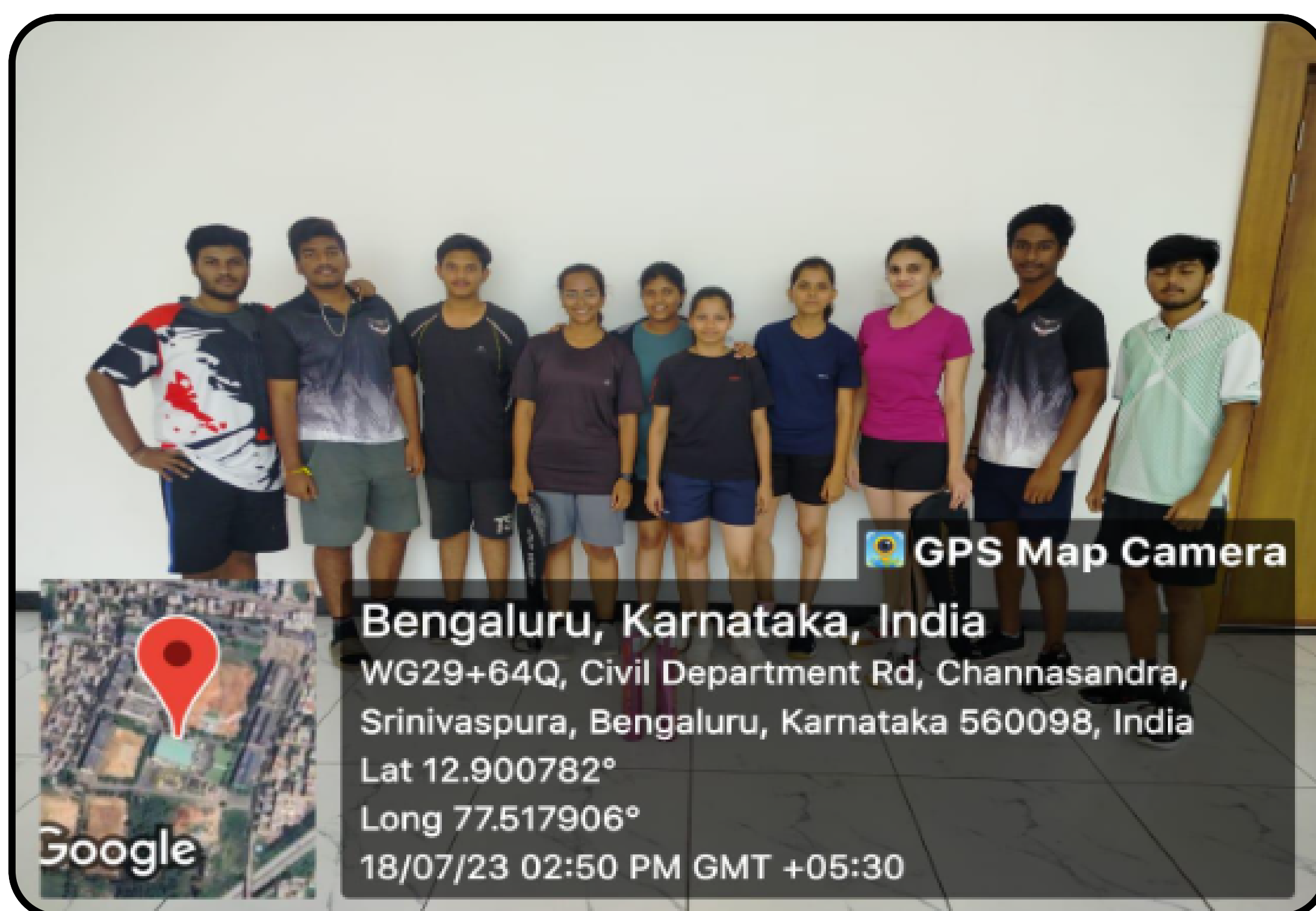**Varsha S (1VK20AI028)-** Judo under 70 kg Secured **3rd place.**

Annual Sports conducted at VKIT campus (department wise) Group Events & ATLEHETIC MEET 2023, **"Akhaada"**

Participated to the VTU INTER COLLEGIATE Kabaddi (Men) Bengaluru South Zone Tournament -2023 held KSSEM, Bengaluru on 3rd & 4th Nov 2022..
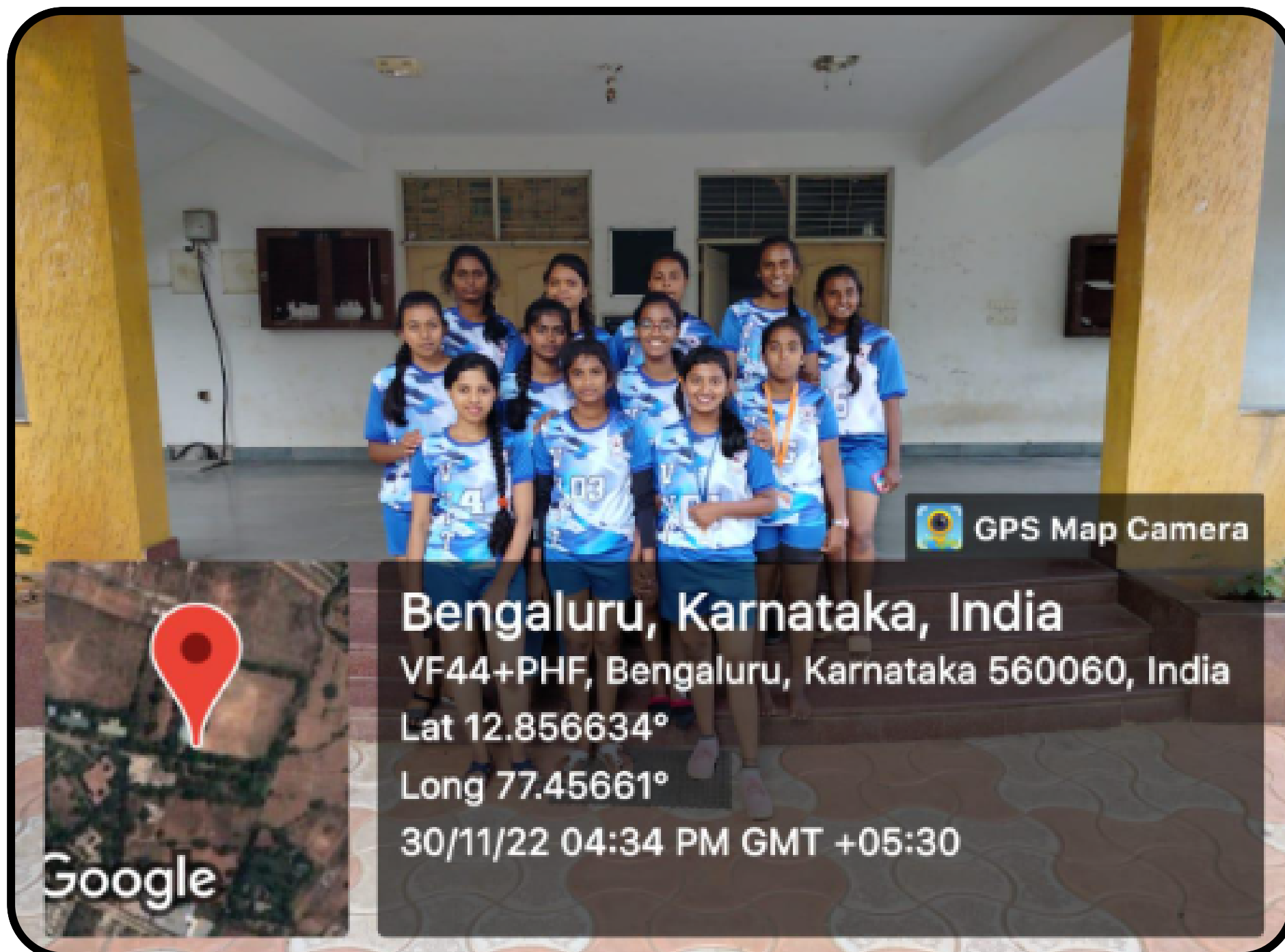

Participated to the VTU INTER COLLEGIATE Badminton (Men & Women) South Zone Tournament 2023, on 18th & 19th Jul 2023 held at RNSIT, Bengaluru.

VTU INTER COLLEGIATE Wrestling & Judo (Men & Women) Single Zone Tournament 2022-2023on 12th & 13th Dec 2022 held at VVCE, Mysuru.
1. **Varsha S (1VK20AI028) -** Under 72 kg **Secured 2nd place.**
2. **Manoj L K (1VK20CS040) -** Open Category **Secured 3rd place**.

Participated to the VTU INTER COLLEGIATE KABADDI (Women) South Zone Tournament 2022-2023 on 30th Nov &1st Dec 2022 held at APSCE, Bengaluru.

VIVEKANANDA PREMIER LEAGUE 2023-24 Held at VKIT Campus From 26th Dec 2023 to 19th Jan 2024.

VKIT celebrated the state festival, **"Kannada Rajyotsava"** on 1st November 2023. Festival vibes prevailed all around the campus.

ವಿವೇಕಾನಂದ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ **VIVEKANANDA INSTITUTE OF TECHNOLOGY**

ARISE & LEAD

BE

COURSES OFFERED

- Artificial Intelligence and Machine Learning
- Computer Science and Engineering
- Information Science and Engineering
- Electronics and Communication Engineering
- Civil Engineering
- Mechanical Engineering

Ph.D PROGRAMS

- Electronics and Communication Engineering
- Computer Science and Engineering
- Mechanical Engineering
- Mathematics
- Chemistry

GPS Map Camera

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