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VIVEKANANDA INSTITUTE OF TECHNOLOGY
AN INSTITUTE OF JANATHA EDUCATION SOCIETY
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5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene), 4. ICT/computing skills

ICT/Computing Skill	Year	Activity	Participants	Date	Faculty	Duration
	2023-24	ICT Facility - Smart Boards are used				1-3
	2023-24	Exploring the Applications of Hybrid Automata in Cyber-Physical Systems	85	19.05.2024	Faculty	4-6
	2023-24	Application of Vector Database for Machine Learning in Industry	90	14.05.2024	Faculty	7-10
	2023-24	Working with MySQL and Database Connectivity	90	22.02.2024	Faculty	11-13
	2023-24	Process of Innovation Development, Technology Readiness Level(TRL), Commercialization of Lab	180	20.02.2024	Faculty	14-17
	2023-24	Brain Computer Interface	79	28.12.2023	Faculty	18-23
	2023-24	Motivational Session to Work for IT	75	16.10.2023	Faculty	24-26
	2023-24	Virtualising the IOT Experiences	140	04.09.2023	Faculty	27-29
	2023-24	Skill Development with KSDC, KDEM, K-tec, Startup	187	29.08.2023	Faculty	30-34
	2023-24	Exploring the World of AI and ML	95	08.08.2023	Faculty	35-37
	2023-24	R Programming	100	27.07.2023	Faculty	38-43
	2023-24	Mobile Application Development	95	03.06.2023	Faculty	44-47
	2023-24	Technical Talk on Competitive Programming	80	31.05.2023	Faculty	48-50

Ravishankar
11/01/2025

PRINCIPAL
Principal

Vivekananda Institute of Technology
Gudlavu, Kumbalagodu, Kengeri Hood,
BANGALORE - 560074



ICT Facilities

Information and Communication Technologies (ICT) facilities are technological equipment that allows access to information through telecommunications. The following ICT facilities used in our college are:

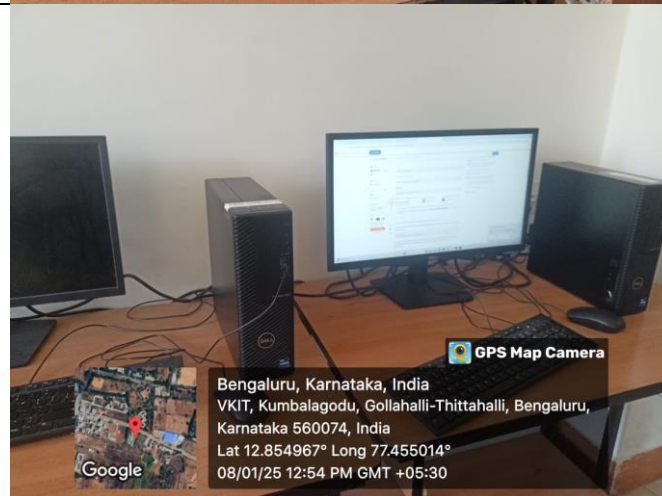
Smart Board	
Projector	

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Laptop



Computer



Printer



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Xerox Machine



Ravikumar
02/08/2025
Head of the Institution
Principal
VIVEKANANDA INSTITUTE OF TECHNOLOGY
Bangalore - 560 074

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Department of Computer Science and Engineering

Date: 20/12/2023

Report on Webinar

Topic: Exploring the Applications of Hybrid Automata in Cyber-Physical Systems

Date: 19th December 2023

Venue: Online Platform

Audience: 5th Semester Students of VKIT

Resource Person: Mr. Ramesh Krishnamurthy, Research Scholar, University of Antwerp, Belgium

Introduction

A webinar titled "Exploring the Applications of Hybrid Automata in Cyber-Physical Systems" was organized for the 5th-semester students of VKIT on 19th December 2023. The session aimed to provide an in-depth understanding of hybrid automata and their applications in the rapidly evolving field of cyber-physical systems. The webinar was conducted by Mr. Ramesh Krishnamurthy, a distinguished research scholar from the University of Antwerp, Belgium.

Objectives of the Webinar

1. To introduce the concept of hybrid automata and its theoretical foundations.
2. To explore the role of hybrid automata in modeling and analyzing cyber-physical systems.
3. To discuss real-world applications and case studies involving hybrid automata.
4. To inspire students to explore research opportunities in the domain of cyber-physical systems.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
 Organizing a Webinar
 on
**"Exploring the Applications of Hybrid Automata
 In Cyber-Physical Systems"**
 by
Mr. RAMESH KRISHNAMURTHY
 Research Scholar
 University of Antwerp, Belgium

19th December 2023 @02.00 PM
 Register Here > <https://shorturl.at/prvR9>

Prof. Nagaraju Y
Co-ordinator and Asst. Professor
Dept. of CSE, VVIT.

Dr. Vidya A
Professor and Head
Dept. of CSE, VVIT.

Dr. K M Ravi Kumar
Principal
VVIT.

* Certificate will be issued on participation

Key Highlights of the Webinar

1. Introduction to Hybrid Automata:

Mr. Ramesh Krishnamurthy began by explaining the concept of hybrid automata, focusing on its ability to model systems that exhibit both continuous and discrete behaviours.

2. Cyber-Physical Systems Overview:

The resource person provided an overview of cyber-physical systems (CPS), emphasizing their integration of computation, networking, and physical processes.

3. Modelling Techniques:

The session delved into the methodologies for modeling CPS using hybrid automata, showcasing how they help in analyzing system behavior under various conditions.

4. Real-World Applications:

Examples of hybrid automata applications in industries such as autonomous vehicles, robotics, and smart grids were discussed in detail.

5. Research Opportunities:

Mr. Krishnamurthy highlighted ongoing research in hybrid automata and CPS, encouraging students to contribute to advancements in this domain.

6. Interactive Discussion:

The webinar concluded with an interactive Q&A session, where students asked insightful questions about the theoretical and practical aspects of hybrid automata.

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Outcomes of the Webinar

1. Enhanced Knowledge:

Students gained a solid understanding of hybrid automata and their significance in cyber-physical systems.

2. Application Insights:

Participants learned about real-world scenarios where hybrid automata play a critical role.

3. Research Motivation:

The session inspired attendees to explore research and project opportunities in the domain of CPS.

4. Skill Development:

Students were introduced to advanced concepts and tools relevant to their academic and professional growth.

Feedback


The webinar was well-received by students, who appreciated the clarity and depth of the session. Mr. Ramesh Krishnamurthy's expertise and ability to simplify complex concepts were highly praised.

Acknowledgments

VKIT extends its sincere gratitude to Mr. Ramesh Krishnamurthy for delivering an insightful and engaging webinar. Thanks are also due to the organizing committee for their efforts in ensuring the success of the event.

Conclusion

The webinar on "Exploring the Applications of Hybrid Automata in Cyber-Physical Systems" was a valuable learning experience for the 5th semester students of VKIT. It provided them with a strong foundation in hybrid automata and inspired them to explore further advancements in the field of cyber-physical systems.


20/12/2023
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Bangalore South, Bangalore - 560 074.

Convener/Head of the Department


Principal
VIVEKANANDA INSTITUTE OF TECHNOLOGY
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Department of Computer Science and Engineering

Date: 15/05/2024

Report on Expert Lecture Session

Topic: Application of Vector Databases for Machine Learning in Industry

Date: 14th May 2024

Venue: VKIT Campus

Audience: Staff and Students of VKIT

Resource Person: Mr. Tarun Anand, Software Engineer, Oracle, United States



Introduction

An expert lecture session on the "Application of Vector Databases for Machine Learning in Industry" was conducted by Department of Computer Science and Engineering on 14th May 2024 at VKIT. The session aimed to provide attendees with insights into the rapidly evolving field of vector databases and their role in enhancing machine learning applications. The lecture was delivered by Mr. Tarun Anand, a distinguished Software Engineer at Oracle, United States.

Objectives of the Session

1. To introduce vector databases and their importance in machine learning.
2. To explore real-world applications of vector databases in industry.
3. To provide a platform for students and staff to interact with an industry expert.
4. To inspire the audience to explore career opportunities in the field of machine learning and data management.

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CET: E087	www.vitb.ac.in	COMED-K: E149	
Department of Computer Science and Engineering			
Expert Lecture on "Application of Vector Databases for Machine Learning in Industry" An IQAC Initiative			
Speaker: Mr. Tarun Anand Software Engineer Oracle United States		Date: 14/05/2024 Time: 11 AM to 12:00 Noon Sri. K Puttaswamy Auditorium, VKIT	
Dr. Vidya A Prof. & Head, Dept. of CSE	Dr. D V Chandrashekhar Vice-Principal	Sri. K P Muthalah Chairman, VKIT	Dr. K M Ravikumar Principal

Key Highlights of the Session

1. Overview of Vector Databases:

Mr. Tarun Anand began the session by explaining what vector databases are and how they differ from traditional relational databases. He highlighted their ability to handle large-scale unstructured data by leveraging vector embeddings.

2. Applications in Machine Learning:

The speaker discussed various use cases of vector databases in machine learning, including:

- Recommendation systems
- Image and video search
- Natural language processing
- Fraud detection

3. Integration with Industry Tools:

Practical insights were shared on how vector databases are integrated with industry-standard machine learning frameworks like TensorFlow, PyTorch, and Scikit-learn to optimize performance.

4. Challenges and Future Trends:

Mr. Tarun Anand addressed challenges such as scalability, real-time processing, and data privacy. He also shed light on emerging trends in AI models and advancements in hardware acceleration.

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5. Interactive Q&A Session:

The audience actively participated in a Q&A session where Mr. Tarun Anand answered queries ranging from technical implementation to career advice in the field of machine learning.



Outcomes of the Session

1. Enhanced Knowledge:

The session enriched participants' understanding of vector databases and their industrial applications.

2. Practical Insights:

Attendees gained insights into how theoretical concepts are applied in real-world scenarios.

3. Inspiration for Research and Career:

The lecture motivated students and staff to delve deeper into machine learning and data management domains.

4. Networking Opportunity:

Participants had the opportunity to interact with Mr. Tarun Anand, paving the way for potential collaborations and mentorship.

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Feedback

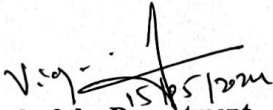
The session received highly positive feedback from both students and staff. Participants appreciated the clarity of Mr. Tarun Anand's explanations, the practical examples provided, and the engaging delivery style.

Acknowledgments


VKIT extends its heartfelt gratitude to Mr. Tarun Anand for sharing his expertise and inspiring the audience. Special thanks to the organizing committee for ensuring the session's success.

Conclusion

The expert lecture on the "Application of Vector Databases for Machine Learning in Industry" proved to be an enlightening experience. It successfully bridged the gap between academia and industry, leaving attendees with a deeper understanding of cutting-edge technology and its practical implications.


Convener/Head of the Department


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Principal
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Bangalore - 560 074

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Department of Computer Science and Engineering

Date: 23/02/2024

Report on One-Day Workshop

Topic: Working with MySQL and Database Connectivity

Date: 22nd February 2024

Venue: VKIT Campus

Audience: Students and Faculty Members of VKIT

Resource Person: Dr. Shilpa V, Research Scholar under Dr. Vidya A, Department of CSE, VKIT, Bangalore-74

Introduction

A one-day workshop on "Working with MySQL and Database Connectivity" was conducted on 22nd February 2024 at VKIT. The workshop aimed to provide hands-on experience in working with MySQL and understanding database connectivity in real-world applications. The session was led by Dr. Shilpa V, a research scholar under the guidance of Dr. Vidya A, from the Department of CSE, VKIT.

Objectives of the Workshop

1. To introduce participants to the fundamentals of MySQL database management.
2. To provide practical knowledge of creating, managing, and querying databases.
3. To demonstrate techniques for establishing database connectivity with various programming languages.
4. To encourage participants to develop database-driven applications.

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Key Highlights of the Workshop

1. Introduction to MySQL:

The session began with an overview of MySQL, covering its architecture, features, and applications in software development.

2. Database Design and Management:

Dr. Shilpa V guided participants through the process of designing relational databases, creating tables, and managing data efficiently.

3. SQL Querying:

Hands-on exercises focused on writing and optimizing SQL queries for data retrieval, manipulation, and analysis.

4. Database Connectivity:

The resource person demonstrated methods to connect MySQL databases with programming languages like Python and Java, showcasing practical examples.

5. Best Practices:

Participants were introduced to best practices in database management, including data normalization, indexing, and security considerations.

6. Interactive Q&A Session:

The workshop concluded with an interactive session where participants clarified their doubts and discussed real-world database challenges.

Outcomes of the Workshop

1. Enhanced Skills:

Participants gained practical experience in working with MySQL and understanding database connectivity.

2. Application Development:

The session equipped attendees with the skills to develop database-driven applications.

3. Improved Understanding:

Students and faculty members enhanced their knowledge of SQL and its role in software development.

4. Research and Innovation:

The workshop encouraged participants to explore innovative uses of databases in their academic and professional projects.

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Feedback


The workshop received positive feedback for its hands-on approach and the clarity of explanations provided by Dr. Shilpa V. Participants appreciated the practical exercises and real-world examples that made the session engaging and informative.

Acknowledgments

VKIT extends its heartfelt gratitude to Dr. Shilpa V for delivering a highly informative and practical workshop. Special thanks to Dr. Vidya A for her mentorship and support in organizing the event. Appreciation is also extended to the organizing team for their efforts in ensuring the success of the workshop.

Conclusion

The one-day workshop on "Working with MySQL and Database Connectivity" was a valuable learning experience for the participants. It provided them with essential skills and knowledge to work effectively with databases and develop robust database-driven applications.

V:  23/02/2024
Convener/Head of the Department


Principal

VRANANDA INSTITUTE OF TECHNOLOGY
Bangalore - 560 074


Principal
Co-Ordinator
Vrananda Institute of
Technology, Kumbalaguda
Bangalore South, Bangalore

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IIC ID: IC201912167

IIC6.0 (Academic Year 2023-24)

Department of Information Science and Engineering

Ref: VKIT/IIC-6.0/ISE/03 /2023-24

**Report on Expert talk on Process of Innovation
Development, Technology Readiness Level (TRL);
Commercialization of Lab Technologies & Tech-Transfer**

Theme	Inspiration Motivation and Ideation Workshop
Title	Expert talk on Process of Innovation Development, Technology Readiness Level (TRL); Commercialization of Lab Technologies & Tech-Transfer
Mode of Session delivery	offline
Date	20-02-2024
Time	10:00 am
Duration	1:00 hr
Faculty Coordinator Name	Prof. Manasa, Prof. Yashashwini

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Benefits in terms of learning/Skill/ Knowledge obtained	<p>Technology Readiness Levels (TRLs) are a widely-used measure of the technical maturity of a given innovation. TRLs provide a consistent reference and method for engineers, investors and other stakeholders to understand the current maturity of a technology, regardless of their background. Technology readiness levels (TRLs) is a measure of estimating technology maturity of core technologies in a program during the selection process and in subsequent monitoring and evaluation phases until these technologies, or products utilizing them, attain market readiness.</p>
Description	<p>Explained the process of the innovation development and its stages. Citing an example of final year project and keeping users in mind at every stage of process. and elaborated the process of Technology Readiness and commercialisation of the technology.</p> <p>Explained how the technology transfer from innovator to industry takes place.</p> <p>He highlighted the role of Prototyping Lab in Innovation Development & Technology Readiness. He requested participants to avail various Schemes like Virtual Innovation Register, Provisional Patent Scheme, Prototyping Grant Scheme of Goa State Innovation Council and boost their innovation and commercialize their technology.</p>
YouTube Link	<p>https://youtu.be/CDzAY0Khs8I?si=ke_ifZIKUZrm_Mrj</p>

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Student Coordinators Name	Niharika P and Kavya G
Mandatory/Elective	Mandatory
Expert/Speaker Details	Dr. Muruganantham A Director, Kristu Jayanti Incubation Centre President, Institution Innovation Council Associate Professor, Department of Computer Science [PG] Kristu Jayanti College (Autonomous), Bengaluru
Brief about the expert	He is having 25 years of teaching and research experience in computer science field. Currently I am working as Director, Kristu Jayanti Incubation Centre and Associate Professor in department of computer science [PG]. Kritisu Jayanti College. He worked as Resource Person for various program on Innovation and Entrepreneurship and • Trainer on "Life Skills" - certificate from Rajiv Gandhi National Institute of Youth Development.
No. of students participated	150
Number of Faculty Participants	20
Number of external participants (if any)	10
Expenditure	3000
Objective	The primary purpose of using technology readiness levels is to help management in making decisions concerning the development and transitioning of technology. It should be viewed as one of several tools that are needed to manage the progress of research and development activity within an organization.

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Photos

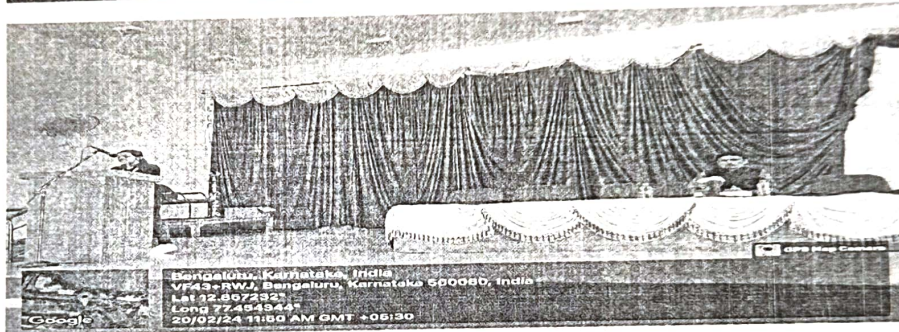
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Department of Information Science and Engineering
 And
 Department of Artificial Intelligence And Machine Learning

Cordially invites you for
 "Expert talk on Process of Innovation Development, Technology Readiness Level (TRL)
 Commercialisation of Lab Technologies & Tech-Transfer"
 Students, Staffs & HOD's of all Departments

20-02-2024
 Sri.K.Pattaswamy Auditorium
 10:00 AM

Co-Ordinators: Prof. Anil K. M. & Prof. Manasa M.
 Convener: Dr. Anand K. Associate Professor, IIT
 Vice-President: Dr. Divyanshu K. Professor-ASST
 President: Dr. S. Venkatesh, P. of E. Head, IIT
 Vice Principal: Dr. D.V. Channabasappa
 Principal: Dr. S.M. Rajeshwar



 20/2/24 Activity Coordinator	 20/2 Convener, IIC-VKIT-6.0	 20/2/24 Vice President, IIC-VKIT-6.0
 20/2/24 President, IIC-VKIT-6.0	 Vice-Principal, VKIT	 20/02/2024 Head of the Institution

Principal
VIVEKANANDA INSTITUTE OF TECHNOLOGY
 Bangalore - 560 074

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Ref.: VKIT/ECE/386/2023-2024

Date: 27.12.2023

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Patrons:

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Vice President, JES, Bengaluru

Sri.H G Balagopal
Secretary, JES, Bengaluru

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Joint Secretary JES, Bengaluru

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Internal Auditor, JES, Bengaluru

Sri Anil G V
Chairman Purchase Committee,
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Promotions, JES, Bengaluru

Smt Indra Gopalkrishna
Vice-Chairman, GC, VKIT, Bengaluru

Sri K P Muthaiah
Director, VKIT, Bengaluru

RECTOR

Dr. K.M.Ravikumar
Principal, VKIT, Bengaluru

Chair Person/Convener

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

Coordinators:

Prof. Shreelakshmi.V
Assistant Professor, Dept of ECE

Prof. Kavitha C S
Assistant Professor, Dept of ECE



Electronics Forum

CIRCULAR

One Day Session on "Brain Computer Interface" - 28th December 2023

Dear Sir/Madam,

It gives us immense pleasure to inform that, One Day Session (Guest Lecture) on "Brain computer interface" is scheduled on 28th December 2023. The event is organised under Dept Electronics Forum, for students of 3rd and 5th Sem ECE.

Date and Time: 28th December 2023 at 11:00 AM

Venue: Sri K. Puttaswamy Auditorium, VKIT

ALL ARE CORDIALLY INVITED

With Regards,

Burd 27/12/2023
Convener

Dr. Bhagyalakshmi.N
Prof and HOD, ECE

Ravikumar
Dr.K.M.Ravikumar
Principal

An IQAC Initiative

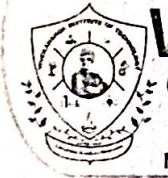
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Kavitha 27/12/2023
Civil, Mech, BS&H, Placement

Sh 27/12/2023

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Cordially invites you for
Session on

BRAIN COMPUTER INTERFACE



28-DEC-2023



11:00 AM



Sri.K.Puttaswamy Auditorium

Dr.Sanjeev Kubakaddi,
Founder - Director, Itie Knowledge
Solutions,Bangalore

Students, Staffs & HOD's of all Departments

An IQAC Initiative

Co-ordinators
Shreelakshmi V
Kavitha C S

**Convener
Prof. & HOD**
Dr. Bhagyalakshmi N

Vice principal
Dr. D V Chandrashekar

Principal
Dr. K M Ravikumar

Principal
19/12/2023

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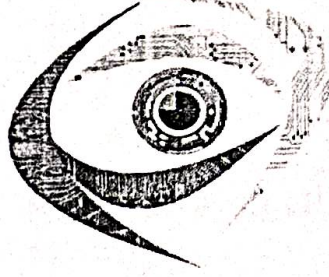
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VIVEKANANDA INSTITUTE OF TECHNOLOGY

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Department of Electronics and Communication Engineering

Ref. No. VKIT/ECE/388/2023-24

Date:28.12.2023



ELECTRONICS FORUM

REPORT

on

One Day Session (Guest Lecture)

on

BRAIN COMPUTER INTERFACE

Ravikumar 19/12/2023

PRINCIPAL
Vivekananda Institute of Technology
Gudimavu, Kumbalaguda Post, Kengeri (H),
Bangalore South, Bangalore - 560 074.

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JANATHA EDUCATION SOCIETY (R)



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Gudimavu, Kumbalagodu Post, Kengeri Hobli, Bengaluru-560 074

Mobile: +91 7625013735 | Office: 080 - 2843 7696, 2843 7036 | Fax: 080 - 2843 7944 | www.vitb.ac.in



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Cordially invites you for
Session on

BRAIN COMPUTER INTERFACE



28-DEC-2023



11:00 AM



Sri.K.Puttaswamy Auditorium

Dr.Sanjeev Kubakaddi,
Founder - Director, Itie Knowledge
Solutions,Bangalore

Students, Staffs & HOD's of all Departments

An IQAC Initiative

Co-ordinators
Shreelakshmi V
Kavitha C S

Convener
Prof. & HOD
Dr. Bhagyalakshmi N

Vice principal
Dr. D V Chandrashekar

Principal
Dr. K M Ravikumar

Dept. of ECE organized a session on "BRAIN COMPUTER INTERFACE" on Dec 28th 2023 at Sri K Puttaswamy Auditorium. The session focused on how brain signal can be interfaced with computer. The resource person explained the process with live examples.

The session started at 11:00 am with the welcome address by Prof. Shreelakshmi V, Assistant Professor, Dept of ECE, and invocation song by Sneha N, 3rd sem, Dept. of ECE. Prof. Mamatha M, Assistant Professor.

Dept of ECE introduced the speaker to the audience. The dignitaries on the dais were Chief Guest Dr. Sanjeev Kabakaddi, founder and director, itie knowledge, Dr. K M Ravikumar, Principal, Dr. Bhagyalakshmi N, HOD, Dept. of ECE, It was an informative and interactive session for 3rd and 5th sem

Students of ECE Dept. All the teaching faculties from ECE departments participated in the session and vote of thanks delivered by Dr. Bhagyalakshmi N HOD, Dept. of ECE.

FACULTY COORDINATORS

1. Prof. Shreelakshmi.V, Assistant Professor, Dept of ECE
2. Prof. Kavitha C S, Assistant Professor, Dept of ECE

19/12/2023

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 28.12.2023



ONE DAY SESSION



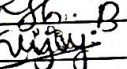
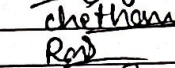
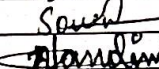
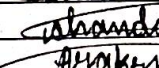
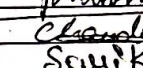
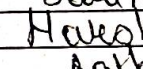
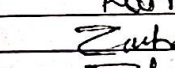


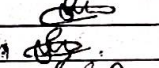
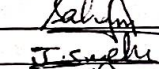
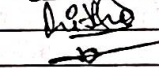
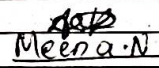

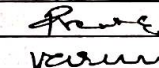
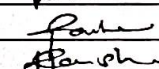
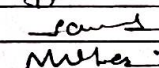
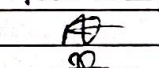
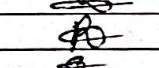
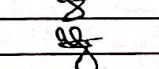
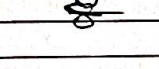
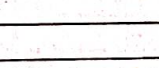
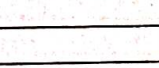
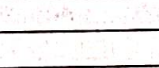
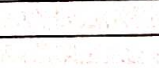






ON

BRAIN COMPUTER INTERFACE

SL.NO	Name of the Student	Signature
1.	Vareshini.BN IVK21EC023	
2.	Aditi Shenoy. Y IVK21EC002	
3	Manasa.T.M IVK21EC014	
4.	Akshatha.L IVK21EC004	
5.	Deepika.Y IVK21EC010	
6.	Deekshitha.N IVK21EC009	
7	Shubha.S.Ree.T.M IVK21EC020	
8	Sandhya.V.R. IVK21EC019	
9	Abhilaash B.A IVK21EC001	
10	Jayanth R IVK21EC013	
11	Dhanush H.R IVK21EC011	
12	Pavan Kalyan.R IVK21EC018	
13	Nikhil B.S IVK21EC017	
14	Harshitha Kumar H IVK21EC012	
15	Vikas.N.N IVK21EC024	
16	Masood Ahmad IVK21EC015	
17	Aelipya IVK21EC003	
18	Mudda Honnesh IVK21EC016	
19	Akshay.R.K IVK21EC000	
20	Rhavana L IVK21EC005	
21	Tegashree Desai IVK21EC021	
	Chidanand RS IVK21EC008	
22	Bhenuashankar Babalashwar IVK22EC007	
23	Sushant Bharat Patil IVK22EC052	
24	Arun K.H DIP	
25	Prajwal Gowda N.S DIP	
26	chandan V. DIP	
27	Puneeth N.S DIP	
28	Prakashas L.S DIP	
29	Masakonda.V DIP	
30	Santosh IVK22EC041	
31	Sunil IVK22EC051	
32	Chagabanda Praveen Kumar IVK22EC009	
33	Pavan Kumar Naik. N DIP	
34	Sriram.S IVK22EC049	
35	Adithya.K.S IVK22EC001	
36	Hemantli.D. Praveen Kumar IVK22EC017	
37	Rakesh N.S IVK22EC033	

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Bangalore South, Bangalore - 560 074.

SL.NO	Name of the Student	Signature
38	Yashwanth Kumar R	 IVK22EC0
39	Rajath Raja Kumar	 IVK22EC0
40	Srinivas L.R	 L-R IVK22EC0
41	Akushi B.P	 B.P IVK22EC0
42	Vijay Chalmali	 IVK22EC05
43	Chethama K.N	 chethama IVK22EC012
44	Rashmi - B	 Rashmi IVK22EC035
45	Sowmya S Tidagi	 Sowmya IVK22EC047
46	Nandini.M	 Nandini.M IVK22EC023
47	Shandana K	 Shandana.K IVK22EC012
48	Prakruthi.D	 Prakruthi.D IVK22EC027
49	Chandana G	 Chandana IVK22EC010
50	Saukya C	 Saukya.C IVK22EC042
51	Hareetha.MM	 Hareetha.MM IVK22EC01
52	Rashmi.MC	 Rashmi.MC IVK22EC036
53	Sneha.N	 Sneha IVK22EC046
54	Bhoomika H s	 Bhoomika IVK22EC08
55	Gayathri.	 Gayathri IVK22EC014
56	Nandini.D	 Nandini.D IVK22EC022
57	Sinchana K.N	 Sinchana IVK22EC045
58	Shobini.T.R	 Shobini IVK22EC013
59	Samyama Patel.	 Samyama IVK22EC046
60	Sahana.A	 Sahana IVK22EC028
61	J.Sneha	 J.Sneha IVK22EC019
62	Hitha Shree N.K	 Hitha IVK22EC018
63	Vijayalakshmi H.N	 Vijayalakshmi IVK22EC006
64	Shravya A.S	 Shravya IVK22EC006
65	Meena.N	 Meena.N IVK22EC021
66	Nikitha.K.H	 Nikitha IVK22EC021
67	Rasana Kumar	 Rasana IVK22EC006
68	Preetnam E	 Preetnam IVK22EC022
69	Varun DC	 Varun IVK22EC054
70	Rohini R	 Rohini IVK22EC031
71	Hareha Reddy	Hareha IVK22EC017
72	Sunil Karatikoti	Sunil IVK22EC05
73	Mahadeva Prabhu M	Mahadeva IVK22EC020
74	Aparitha	Aparitha IVK22EC006
75	Yogitha	Yogitha IVK22EC050
76	Ranjitha	Ranjitha IVK22EC031
77	Sreethi	Sreethi IVK22EC05
78	Yashaswini Gowda	Yashaswini IVK22EC05
79	Sowmyashree	Sowmyashree IVK22EC048

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Ravikumar

19/12/2020

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Vivekananda Institute of Technology

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Bangalore South, Bangalore - 530 074.



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Department of Computer Science and Engineering

Date: 17/10/2023

Report on Motivational Session

Topic: Never Dream for Success but Work for IT

Date: 16th October 2023

Venue: VKIT Campus

Audience: First-Year Students

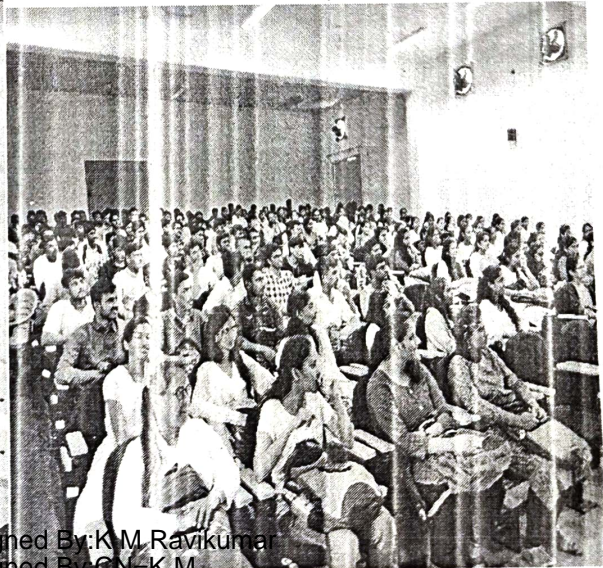
Occasion: Induction Program

Resource Person: Mr. Vishwanath Hiremath, Cluster Lead (HR), HCL Technologies, BEE Program, Bangalore

Introduction

As part of the induction program for first-year students, a motivational session titled "Never Dream for Success but Work for IT" was conducted on 16th October 2023. The session aimed to inspire students to adopt a proactive and disciplined approach toward achieving their goals. The session was led by Mr. Vishwanath Hiremath, Cluster Lead (HR) at HCL Technologies, BEE Program, Bangalore.

The poster is for a motivational session titled "Never Dream for Success but Work for IT". It is part of the First Year Induction Programme. The speaker is Mr. Vishwanath Hiremath, Cluster Lead (HR) at HCL Technologies, BEE Program, Bangalore. The session is an IQAC Initiative. The event is scheduled for 16-OCT-2023 at 11:00 AM in SRI. K. PUTTASWAMY AUDITORIUM. The poster also lists the names of the Principal, Dr. D. V. Chandrashekar, and other faculty members.



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Objectives of the Session

1. To encourage students to develop a strong work ethic and focus on consistent effort.
2. To emphasize the importance of goal setting and time management.
3. To provide practical advice on building a successful career from an early stage.
4. To instill a sense of responsibility and resilience in students.

Key Highlights of the Session

1. The Power of Action:

Mr. Vishwanath Hiremath began the session by highlighting the significance of action over mere dreaming. He emphasized that success is a by-product of consistent effort and perseverance.

2. Goal Setting and Planning:

The speaker explained the importance of setting SMART (Specific, Measurable, Achievable, Relevant, Time-bound) goals. He shared strategies for effective planning and prioritization.

3. Overcoming Challenges:

Mr. Hiremath shared anecdotes from his professional journey to illustrate how challenges can be converted into opportunities through resilience and a positive mindset.

4. Skills for the Future:

The session included a discussion on the skills required for success in the modern workplace, such as communication, adaptability, and continuous learning.

5. Interactive Engagement:

Students actively participated in discussions and activities, which included sharing their aspirations and brainstorming actionable steps to achieve them.

Outcomes of the Session

1. Inspiration and Motivation:

Students felt inspired to adopt a proactive approach toward their academic and personal goals.

2. Clarity on Career Path:

The session provided clarity on how to align their efforts with long-term career aspirations.

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3. Practical Insights:

Attendees gained practical tips on time management, skill development, and maintaining a growth mindset.

4. Increased Confidence:

The interactive nature of the session helped students feel more confident about tackling the challenges of their academic journey.

Feedback

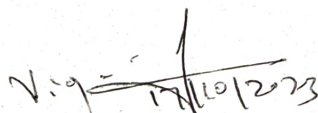
The session was highly appreciated by the students for its engaging content and actionable advice. Mr. Vishwanath Hiremath's relatable examples and enthusiastic delivery were particularly well-received.

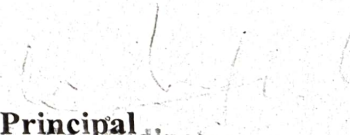
Acknowledgments

VKIT extends heartfelt thanks to Mr. Vishwanath Hiremath for his motivational session and valuable insights. Gratitude is also extended to the organizing committee for their efforts in ensuring the session's success.

Conclusion

The motivational session "Never Dream for Success but Work for IT" was a valuable addition to the induction program for first-year students. It successfully inspired students to approach their academic and career goals with dedication and hard work, setting a strong foundation for their journey at VKIT.


Convener/Head of the Department


Principal
Vivekananda Institute of Technology
Gudimavu, Kumbalagodu Post, Kengeri (H)
Bangalore South, Bangalore - 560 074


Principal
VIVEKANANDA INSTITUTE OF TECHNOLOGY
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Janatha Education SocietyTM

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email: vkkitprincipal@gmail.com



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

INSTITUTE INNOVATION COUNCIL (VKIT-IIC)

IIC5.0 (Academic Year 2022-23)

Ref: VKIT/IIC/ S94 /2022-23

Report of Project Exhibition On

“Virtu Sync: Virtualizing the IoT Experience”

Semester: SEM-II

Thrust Area: Innovation and Technology

Quarter: 4

Theme	Design Thinking
Activity Name	“Virtu Sync: Virtualizing the IoT Experience”
Mode of Session delivery	Offline
Date and Time	04/09/2023, 09:30 AM to 12:30M, Half Day
Faculty Coordinator Name	Mrs. Susmitha B C
Student Coordinators Name	AKSHAY MANJUNATH BHAT and ASHLESH V
Mandatory/Elective	Mandatory
No. of students participated	140
Number of Faculty Participants	5
Number of external participants (if any)	0
Expenditure (if any)	2000/-
Objective (100 words)	The main objective of the program was to showcase innovative applications and solutions that leverage IoT technology to address real-world challenges and improve various aspects of our lives. These

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exhibitions provide a platform for students, professionals, and organizations to demonstrate their creativity and expertise in developing IoT-based systems, devices, and services. They foster knowledge sharing, inspire collaboration, and promote awareness of the potential benefits and implications of IoT in fields such as healthcare, agriculture, transportation, and more. Ultimately, these exhibitions aim to educate, engage, and inspire attendees while highlighting the transformative power of IoT in our interconnected world.

Benefits interms of learning/Skill/Knowledge obtained (150 words)

- Participants got to learn about
1. **Exposure to Emerging Technologies:** Participants stay updated on the latest IoT trends, components and platforms keeping their knowledge relevant in a rapidly evolving field.
 2. **Presentation Skills:** Exhibitors improve their ability to communicate complex technical concepts to diverse audiences, enhancing their presentation and public speaking skills.
 3. **Awareness of real-world Applications:** Exhibitors gain insights into how IoT can address real-world problems, making the knowledge obtained more practical and applicable.

Description

Implementing an IoT (Internet of Things) project involves a systematic process of turning a concept into a functional IoT system or solution. Here's a step-by-step description of the IoT project implementation process:

- **Define Objectives and Requirements:** Clearly define the project's goals, objectives, and requirements.
- **Select Hardware and Sensors:** Choose appropriate hardware components and sensors based on the project's requirements. This may include microcontrollers (e.g., Arduino, Raspberry Pi), sensors (e.g., temperature, humidity etc), and communication modules (e.g., Wi-Fi, Bluetooth, LoRa).
- **Design the System Architecture:** Create a detailed system architecture that outlines how data will be collected, processed, transmitted, and acted upon. Decide on the communication protocols and data storage solutions to be used and so on.

IoT project implementation can vary greatly in complexity depending on the project's scope and objectives, but a well-structured approach is essential to ensure success and reliability in the IoT ecosystem.

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Janatha Education Society



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INSTITUTE INNOVATION COUNCIL (IIC ID : IC201912167)
IIC5.0 (Academic Year 2022-23)

Ref: VKIT/IIC/2022-23

30.08.2023

Report of the Session on "Skill Development"


Semester : 2

Thrust Area : Innovation

Quarter : 4

Theme	Innovation
Activity Name	Inaugural Function of Skill Development with KSDC, KDEM, K-tec, Startup Karnataka
Mode of Conduct	Offline
Date and Time	29.08.2023 at 10.00a.m to 11.00a.m
Faculty Coordinator Name	Dr. Shaila K
Student Coordinator Name	--
Mandatory/Elective	Self Driven
No. of participants	187
Number of Faculty Participants	10
Expenditure (if any)	Rs. 1000/-
Objective (100 words)	The main objective of this event is to encourage students to join in KSDC portal and upgrade their Skill using their platform.
Resource person	Mr. Venkatesh Hulikal, Ex Vice President, Wipro Technologies, Mentor,

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<p>details</p>	<p>NSRCRL, IIMB has over 35years of experience in the technology business leader and operation head. He built a \$100 million business in Japan from scratch. In his last role at Wipro he was managing a team of people providing SW, VLSI and mechanical engineers working on projects. He has managed large complex projects for international clients. Last 3 years he is working as a consultant to tech customers and as a strategic scaleup advisors to start-ups as a mentor at NSRCEL, IIMB.</p> <p>Mr. Arjun Chaithanya, Talent Accelerator, KDEM aims to bridge the supply and demand gap of skilled talent across emerging IT hubs in Karnataka through various strategic interventions such as competency building for fresh graduates and existing workforce in future skills through industry-academic collaboration. Works on a TA's mission to Educate/ Skill 2 Million people in the new emerging technologies including job earning skills by 2026 and to Facilitate 1 million fresh trained talent for IT companies and Startups in emerging clusters.</p> <p>Mr. Arjun Chaithanya earned his Master's in Biochemistry from University of Mysore(Manasa Gangothri). He is also a Neuro Linguistic Programming Coach certified from AMERICAN BOARD OF NLP, USA.</p> <p>Mr. Abishek J is from Chikkamagaluru. He is a BSc Agriculture Graduate from College of Agriculture Hassan. After graduation he started preparing for competitive exams. After few attempts, he have started working with KSDC for Skill Connect Portal.</p>
<p>Description</p>	<p>Career Counseling and Placement Cell took the initiative of arranging this event. MC was done by Ms. Aditi Shenoy 4th sem ECE student and briefed about the session. Ms. Thejashree of 4th Sem sang the invocation song. Dr. D V Chandrashekar welcomed the dignitaries. Mr. Venkatesh, Ex. Vice President, Wipro Technologies, Mentor, NSRCRL, IIMB was the Chief Guest, Mr. Arjun Chaitanya, Associate Talent Accelerator, KDEM explained about the about the various types of Skill development provided by Government of Karnataka, KDEM, Startup Karnataka, K-Tech. He also conducted activities for students. Mr. Abhishek, Outreach Associate, Karnataka Skill Connect Portal, KSDC explained about the portal and students were made to register in their portal. Dr. Shaila K, Activity Coordinator, Prof., Dept. of ECE and Placement Officer delivered Vote of Thanks.</p>
<p>YouTube Link</p>	<p>https://www.youtube.com/watch?v=yKcZISWmEr0</p>
<p>Photo</p>	

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K-tech



STARTUP KARNATAKA

JANATHA EDUCATION SOCIETY (R)

VIVEKANANDA INSTITUTE OF TECHNOLOGY

(Approved by AICTE, Government of India, Bangalore)
Gudrinava, Kumbhakone H.S., Kaggere Hobli, Bangalore, 560 024
Mobile: +91 7625018733 | Office: 080-2843 1156, 2843 7088 | Fax: 080-2843 7944 | www.vkit.ac.in

CAREER COUNSELING AND PLACEMENT CELL

In association with
Karnataka Digital Economy Mission (KDEM)
Karnataka Skill Development Corporation - Kaushalkar

cordially invites you for the
Inaugural function of VKIT - Karnataka Skill Connect

Chief Guest



Mr. Venkatesh Hulikal
Ex-Vice President,
Wipro Technologies,
Mentor at NSRCL, IIMB

Guest of Honour



Mr. Arjun Chaitanya
Associate Talent Accelerator
Karnataka Digital
Economy Mission



Mr. Abishek
Out reach Associate
Karnataka Skill Connect Portal
Karnataka Skill Development
Corporation

Sri. H.G Balagopal
Secretary, JES
Will Preside

In the presence of

Smt. Indira Gopala Krishna
GC Member, VKIT & MC Member - JES
Chairman, VPS - Bangalore.

Sri. K.P. Muthaiah
Director, VKIT - Bangalore.

All Students, HOD's and Faculty members are invited to attend the Function



29-AUG-2023



10:00 AM



Sri. K. PUTTASWAMY AUDITORIUM

Dr. SHAILA K

Vice President, IIC
Prof., Dept. of ECE, & Placement Officer, VKIT

Dr. D V CHANDRASHEKAR

PRINCIPAL

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<https://twitter.com/licvkit>



[instagram.com/lic_vkit](https://www.instagram.com/lic_vkit)





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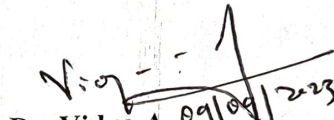


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Dr. Shaila K
Activity
Coordinator


Dr. Shaila K
Vice President


Dr. Vidya A
President

Dr. Vanajakshi P
Convener



Dr. D V Chandrashekar
Head of the Institution

PRINCIPAL
Vivekananda Institute of Technology
Gudimavu, Kumbalagodu, Kengeri (H)
Bangalore - 560 074.

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Department of Computer Science and Engineering

Date: 09/08/2023

Report on Webinar

Topic: Intelligent Horizons: Exploring the World of AI and Machine Learning

Date: 8th August 2023

Venue: Online Platform

Audience: Students of VKIT

Resource Person: Prof. Rashmi R. Rachh, Associate Professor, Department of CSE, VTU, Belagavi

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An Institution of Janatha Education Society
Affiliated to Visvesvaraya Technological University, Belagavi &
Approved by AICTE, New Delhi
CET: E087 www.vitb.ac.in COMED-K: E149
Department of Computer Science and Engineering

Presents Online Session on
"Intelligent Horizons: Exploring the world of AI and Machine learning"

Speaker:
Dr. Rashmi R. Rachh
Associate Prof., Dept. of CSE,
VTU, Belagavi

An IQAC Initiative
Date: 08/08/2023
Time: 11AM to 12:30PM

Dr. Vidya A
Prof. and Head
Dept. of CSE, VKIT

Dr. D V Chandrashekhara
Principal, VKIT

Introduction

A webinar titled "Intelligent Horizons: Exploring the World of AI and Machine Learning" was conducted on 8th August 2023 for the students of VKIT. The session aimed to provide an overview of artificial intelligence (AI) and machine learning (ML), their real-world applications, and their transformative impact across various industries. The webinar was delivered by Prof. Rashmi R. Rachh, an Associate Professor in the Department of CSE at VTU, Belagavi.

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Objectives of the Webinar

1. To introduce students to the fundamental concepts of AI and ML.
2. To discuss the latest trends and advancements in AI and ML technologies.
3. To inspire students to pursue projects and careers in AI and ML.
4. To provide insights into the ethical and societal implications of AI.

Key Highlights of the Webinar

1. Introduction to AI and ML:

Prof. Rashmi R. Rachh began the session by explaining the basics of AI and ML, differentiating between the two fields, and discussing their interrelation. She emphasized the importance of data in building intelligent systems.

2. Applications Across Industries:

The speaker presented examples of AI and ML applications, such as:

- Healthcare diagnostics
- Autonomous vehicles
- Natural language processing (NLP)
- Financial fraud detection

3. Emerging Trends:

Participants learned about emerging trends such as deep learning, reinforcement learning, generative AI, and AI in IoT (Internet of Things).

4. Ethical Considerations:

The webinar addressed the ethical challenges associated with AI, including bias in algorithms, data privacy, and the societal impact of automation.

5. Interactive Q&A Session:

Students actively participated in the Q&A session, posing insightful questions about AI's future, career opportunities, and the technical prerequisites for entering the field.

Outcomes of the Webinar

1. Enhanced Awareness:

Students gained a clear understanding of AI and ML concepts and their practical applications.

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2. Motivation for Learning:

The session inspired students to explore AI and ML through self-study, projects, and advanced courses.

3. Insight into Industry Trends:

Participants were updated on the latest developments and trends in the field of AI.

4. Ethical Awareness:

The discussion on ethics encouraged students to approach AI development responsibly.

Feedback

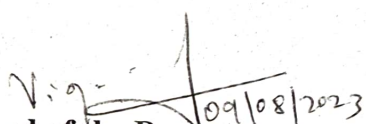
The webinar received overwhelmingly positive feedback. Students appreciated Prof. Rashmi R. Rachh's engaging presentation style and her ability to simplify complex topics. The examples and case studies shared during the session were particularly well-received.

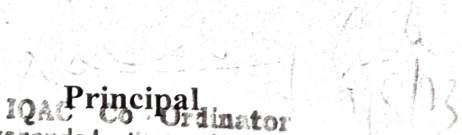
Acknowledgments

VKIT expresses sincere gratitude to Prof. Rashmi R. Rachh for her enlightening session and to the organizing committee for their efforts in ensuring the event's success.

Conclusion

The webinar "Intelligent Horizons: Exploring the World of AI and Machine Learning" was an enriching experience for the students of VKIT. It not only broadened their horizons about AI and ML but also inspired many to delve deeper into these cutting-edge fields, contributing to their academic and professional growth.


Convener/Head of the Department


Principal
IQAC Co-Ordinator
Vivekananda Institute of Technology
Gudimavu, Kumbalagodu Post, Bengaluru (H),
Bangalore South, Bangalore - 560 075

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Janatha Education Society®

VIVEKANANDA INSTITUTE OF TECHNOLOGY

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email: vkitprincipal@gmail.com



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

INSTITUTE INNOVATION COUNCIL (VKIT-IIC)

IIC5.0 (Academic Year 2022-23)

Ref: VKIT/IIC/ Q4-S72022-23

SELF DRIVEN ACTIVITY

Report of "Student Development Programme on R - Programming"

On

27.07.2023 & 28.07.2023

Semester: IV

Thrust Area: R - Programming

Quarter: 4

Theme	Student development Programme
Activity Name	R - Programming
Mode of Session delivery	Off Line
Date and Time	27/07/2023 & 28/07/2023 at 9:30 AM – 04.30 PM
Faculty Coordinator Name	Srinidhi C R
Student Coordinator Name	Bhuvan S
Mandatory/Elective	Elective
No. of students participated	100
Number of Faculty Participants	10
Number of external participants (if any)	10
Expenditure (if any)	Rs.5000/-

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Objective (100 words)	R programming is a powerful and versatile language widely used for data analysis, statistical computing, and graphical representation of data. In recent years, it has gained immense popularity due to its open-source nature and extensive library support. This report delves into the history, core concepts, and practical applications of R programming, providing readers with a comprehensive understanding of its capabilities.
Benefits in terms of learning/Skill/Knowledge obtained (150 words)	R programming is a powerful and widely-used language for data analysis and statistical computing. Its importance and applications stem from its versatility, extensive packages, and strong statistical capabilities.
Description	Enhancing the Knowledge towards the Science & Technology
YouTube Link	
Photo	

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SRINIDHI C R
 Coordinator,
 DEPT. OF ISE

P. Vanajakshi
DR. P VANAJAKSHI
 Convener, IIC-VKIT,
 HOD, DEPT. OF ISE

Vidya A
DR. VIDYA A
 President, IIC-VKIT,
 HOD, DEPT. OF CSE

Shaila K
DR. SHAILA K
 Vice President, IIC-VKIT,
 Prof. DEPT. OF ISE
 Ravikumar,
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DR. D V CHANDRASHEKAR
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 BANGALORE - 560 074.

Department of Information Science and Engineering

R - Programming Workshop Attendance List

Sl No	USN	Student Name	27.07.2023	28.07.2023
1	1VK21IS001	ABHISHEK G		
2	1VK21IS002	AKASH R	AKASH	AKASH
3	1VK21IS003	AKASH V		
4	1VK21IS004	AMRUTHA R		
5	1VK21IS005	ANUSHA H K		
6	1VK21IS006	ANUSHA P B		
7	1VK21IS007	BHARATH S		
8	1VK21IS008	BHAVANA N S		
9	1VK21IS009	BHUVAN S		
10	1VK21IS010	C M BHUVAN		
11	1VK21IS011	DARSHAN N		
12	1VK21IS012	DEEPA G K	Deepa	Deepa
13	1VK21IS013	GANASHREE R	Gana	Gana
14	1VK21IS014	H DARSHAN		
15	1VK21IS015	HARSHITHA K	Harshitha	Harshitha
16	1VK21IS016	HARSHITHRAJ B G	Harshithraj	Harshithraj
17	1VK21IS017	INCHARA R		
18	1VK21IS018	KARAN B	Karan B	Karan B
19	1VK21IS019	KAVANA C V		
20	1VK21IS020	LAKSHMI PRASAD V		
21	1VK21IS021	M R DARSHAN GOWDA		
22	1VK21IS022	MAHESH A V		
23	1VK21IS023	MANOJ M SERVEGAR	Manoj M	Manoj M
24	1VK21IS024	MANOJ S	MANOJ	MANOJ
25	1VK21IS025	MANOJ V		
26	1VK21IS026	MOHAMMED ABU TALHA	Talha	Talha
27	1VK21IS027	MOHAMMED KAIF	M. Kaif	M. Kaif
28	1VK21IS028	MOHAN RAJ G		

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SI No	USN	Student Name	27.07.2023	28.07.2023
29	1VK21IS030	NAGENDRA GOWDA K		
30	1VK21IS031	NISHANTH M	Nishanth	Nishanth
31	1VK21IS032	PALLAVI R	Pallavi R	Pallavi R
32	1VK21IS033	PAVAN R	Pavan	Pavan
33	1VK21IS034	POOJA C	Pooja.c	Pooja.c
34	1VK21IS035	PRAJWAL D	Prajwal	Prajwal
35	1VK21IS036	PRAKRUTHI G	Prakruthi G	Prakruthi G
36	1VK21IS037	PREETHI C B	Preethi.C.B	Preethi.C.B
37	1VK21IS039	R A HEMANTH	R Hemanth	R Hemanth
38	1VK21IS040	RAKESH VN	Rakesh	Rakesh
39	1VK21IS041	RAKSHITHA D R	Rakshitha	Rakshitha
40	1VK21IS042	ROHAN T Y	Rohan	Rohan
41	1VK21IS043	ROHITH N	Rohith	Rohith
42	1VK21IS044	SANJAY S J	Sanjay	Sanjay
43	1VK21IS045	SANKETH S RAYKAR	Sanketh	Sanketh
44	1VK21IS046	SHARAN MANJUNATH	Sharan	Sharan
45	1VK21IS047	SNEHA CS	Sneha CS	Sneha CS
46	1VK21IS048	SRINIVAS NAIK B	Srinivas	Srinivas
47	1VK21IS049	SRIVARSHA	Srivarsha	Srivarsha
48	1VK21IS050	SUDEEN S	Sudeen	Sudeen
49	1VK21IS051	SUMANTH S	Sumanth	Sumanth
50	1VK21IS052	THANUSHREE K M	Thanushree	Thanushree
51	1VK21IS053	TRISHA M J	Trisha	Trisha
52	1VK21IS054	VIBHA R	Vibha	Vibha
53	1VK21IS055	VIDYASHREE	Vidya	Vidya
54	1VK21IS056	VISHAL V NAYAK	Vishal	Vishal
55	1VK21IS057	YASHWANTH N	Yashwanth	Yashwanth
56	1VK21IS058	VISHWAS P NAYKAL	Vishwas	Vishwas
57	1VK22IS400	SRIMAN GOWDA	Sriman	Sriman

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SI No	USN	Student Name	27.07.23	28.07.23
58	1VK21AI001	ABHISHEK ANAND	Abhishek	Abhishek
59	1VK21AI002	ANUSHA K M	Anusha.k.m	Anusha.k.m
60	1VK21AI003	ARCHANA J	Archana.J	Archana.J
61	1VK21AI004	BENNUR KARTHIK	Bennur	Bennur
62	1VK21AI005	BHAVANA A ASHRIT	Bhavana A	Bhavana A
63	1VK21AI006	BHAVANA B	Bhavana	Bhavana
64	1VK21AI007	BOYA LAVANYA	Lava	Lava
65	1VK21AI008	CHAITHANYA R	Chaitanya R	Chaitanya R
66	1VK21AI009	DIVYA SHREE D G	Divyashree.D.G.	Divyashree.D.G.
67	1VK21AI010	FATHIMA BANU	Fathima Banu.	Fathima Banu.
68	1VK21AI011	KUMAR M D	Kumar M.D	Kumar M.D
69	1VK21AI012	N DISHANTH NAIK	Dishant	Dishant
70	1VK21AI013	PAVITHRA H N	Pavithra	Pavithra
71	1VK21AI014	PRATYUSH	Pratyush	Pratyush
72	1VK21AI015	PRUTHVIRAJ S		
73	1VK21AI016	RISHI L	Rishi	Rishi
74	1VK21AI017	SAHIL REHMAN	Sahil Rehman	Sahil Rehman
75	1VK21AI018	SANJAY M	Sanjay	Sanjay
76	1VK21AI019	SECHANA T V	Sechanan	Sechanan
77	1VK21AI020	SHAMITA B V	Shamita	Shamita
78	1VK21AI021	SHASHANK M S	Shashank	Shashank
79	1VK21AI022	SHRAVAN G S	Shravan	Shravan
80	1VK21AI023	SRINIDHI S PUJAR	Srinidhi	Srinidhi
81	1VK21AI024	SRUSTI S DESHMUKH	Srushti.S.Deshmukh	Srushti.S.Deshmukh
82	1VK21AI025	SUDEEP G E	Sudeep.G.E	sudeep.g.e
83	1VK21AI026	SYED SUFIYAN AHMED	Syed	Syed
84	1VK21AI027	VRUTHVIK D S	Vruthvik	Vruthvik

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Sl No	USN	Student Name	27.07.23	28.07.23
85	1VK20IS002	AKSHAY K Y	<u>Akshay</u>	<u>Akshay</u>
86	1VK20IS003	BEULAH V	<u>Beulah V</u>	<u>Beulah V</u>
87	1VK20IS004	BHARGAVI K	<u>Bhargavi K</u>	<u>Bhargavi K</u>
88	1VK20IS005	BHOOMIKA H G	<u>Bhoomika H G</u>	<u>Bhoomika H G</u>
89	1VK20IS006	CHANDU S	<u>Chandu S</u>	<u>Chandu S</u>
90	1VK20IS007	CHARAN	<u>Charan</u>	<u>Charan</u>
91	1VK20IS008	DARSHAN C	<u>Darshan C</u>	<u>Darshan C</u>
92	1VK20IS009	DARSHAN K	<u>Darshan K</u>	<u>Darshan K</u>
93	1VK20IS010	DEEPASHREE R	<u>Deepashree R</u>	<u>Deepashree R</u>
94	1VK20IS011	DEV BHUPENDRA THAKOR	<u>Dev Bhupendra Thakor</u>	<u>Dev Bhupendra Thakor</u>
95	1VK20IS012	DIVYA S	<u>Divya S</u>	<u>Divya S</u>
96	1VK20IS013	HARSHITHA K	<u>Harshitha K</u>	<u>Harshitha K</u>
97	1VK20IS014	HEMALATHA P	<u>Hemalatha P</u>	<u>Hemalatha P</u>
98	1VK20IS015	JNANESHWAR H K	<u>Jnaneshwar H K</u>	<u>Jnaneshwar H K</u>
99	1VK20IS016	JYOTHIKA M J	<u>Jyothika M J</u>	<u>Jyothika M J</u>
100	1VK20IS017	KIRAN	<u>Kiran</u>	<u>Kiran</u>

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Department of Computer Science and Engineering

Date: 03/06/2023

Report on One-Day Hands-on Workshop

Topic: Mobile Application Development

Date: 2nd June 2023

Venue: VKIT Campus

Audience: 6th Semester Students of VKIT

Resource Person: Prof. Vijayalaxmi Yalavigi, Assistant Professor, Department of ISE, Cambridge Institute of Technology, Bangalore-74



Introduction

A one-day hands-on workshop on "Mobile Application Development" was conducted on 2nd June 2023 for the 6th semester students of VKIT. The workshop aimed to provide practical exposure to mobile app development and enhance participants' understanding of modern app development tools and techniques. The session was facilitated by Prof. Vijayalaxmi Yalavigi, an expert in the field from the Department of ISE, Cambridge Institute of Technology, Bangalore.

Objectives of the Workshop


1. To introduce students to the basics of mobile application development.
2. To provide hands-on experience with app development platforms and tools.
3. To demonstrate the process of building, testing, and deploying mobile applications.
4. To encourage students to develop innovative mobile apps as part of their academic and professional pursuits.

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 **VIVEKANANDA INSTITUTE OF TECHNOLOGY** 
An Institution of Janatha Education Society
Affiliated to Visvesvaraya Technological University, Belagavi &
Approved by AICTE, New Delhi

Department of Computer Science and Engineering
One Day Hands-on Workshop
On
“Mobile Application Development”

Speaker:
Prof. Vijayalaxmi Yalavigi
Assistant Prof
Dept. of ISE
Cambridge Institute of Technology
Bangalore



Date: 02/06/2023
Time: 9:30 AM to 4PM
Venue: Lab 009, CSE Block

ALL ARE WELCOME

Staff and Students
&
Dr. Vidya A
Prof. and Head
Dept. of CSE

Key Highlights of the Workshop

- 1. Introduction to Mobile App Development:**
The session began with an overview of mobile app development, including the latest trends and career opportunities in the field.
- 2. Development Tools and Platforms:**
Prof. Vijayalaxmi Yalavigi introduced participants to popular app development tools and frameworks such as Android Studio and Flutter.
- 3. Building a Mobile App:**
The workshop provided step-by-step guidance on designing, coding, and testing a simple mobile application, allowing participants to apply their learning in real-time.
- 4. User Interface Design:**
Special focus was given to designing user-friendly interfaces, ensuring a seamless user experience.
- 5. Debugging and Deployment:**
Participants learned debugging techniques and the process of deploying apps to app stores.
- 6. Interactive Q&A Session:**
The workshop concluded with a Q&A session where students clarified their doubts and discussed their project ideas.

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Outcomes of the Workshop

1. Practical Skills:

Students gained hands-on experience in mobile app development and understood the workflow of building functional applications.

2. Confidence in Development:

Participants were encouraged to explore and experiment with app development tools and frameworks.

3. Inspiration for Innovation:

The workshop inspired students to develop innovative mobile applications addressing real-world problems.

4. Portfolio Enhancement:

Students created a simple mobile application, which could be included in their portfolios.



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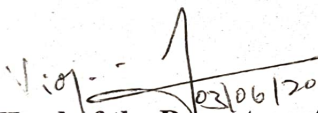
The workshop received positive feedback from the participants, who appreciated the hands-on approach and the resource person's ability to simplify complex concepts. The practical exercises were particularly well-received for their relevance and applicability.


Acknowledgments

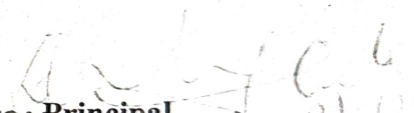
VKIT extends its sincere gratitude to Prof. Vijayalaxmi Yalavigi for delivering an engaging and informative session. Thanks are also due to the organizing committee for their efforts in coordinating the event and ensuring its success.

Conclusion

The one-day hands-on workshop on "Mobile Application Development" was a highly beneficial experience for the 6th semester students of VKIT. It equipped them with essential skills and knowledge to venture into the field of app development, fostering creativity and technical competence.


23/06/2023
Convener/Head of the Department


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AN INSTITUTE OF JANATHA EDUCATION SOCIETY
Recognised by GOK, Affiliated to VTU & Approved by AICTE, New Delhi.

Department of Computer Science and Engineering

Date:01/06/2023

Report on Technical Talk

Topic: Competitive Programming

Date: 31st May 2023

Venue: VKIT Campus

Audience: Students of VKIT

Resource Person: Prof. Ravindranath R. C., Research Scholar, Department of CSE, VKIT, and Assistant Professor, Department of CSE, GAT, Bangalore

Introduction

A technical talk on "Competitive Programming" was held on 31st May 2023 at VKIT, aimed at enhancing students' problem-solving skills and preparing them for coding competitions. The session was delivered by Prof. Ravindranath R. C., a research scholar at the Department of CSE, VKIT, and an assistant professor at the Department of CSE, GAT, Bangalore.

The poster features the Vivekananda Institute of Technology logo on the left and a circular emblem with the number '50' on the right. The text on the poster reads: 'VIVEKANANDA INSTITUTE OF TECHNOLOGY', 'An Institution of Janatha Education Society', 'Affiliated to Viceschwaraya Technological University, Bellary & Approved by AICTE, New Delhi', 'Department of Computer Science and Engineering', 'Induction Program for II Semester BE 2022-2023', 'On', '“Competitive Programming”', 'Speaker: Prof. Ravindranath R C, Research Scholar, Dept. of CSE, VKIT, Asst. Prof., Dept. of CSE, GAT, Bangalore', 'Date: 31/05/2023', 'Time: 3 PM to 7:30 PM', 'Venue: Sri. K. P. Narayana Auditorium, VKIT', 'ALL ARE WELCOME', and 'Staff and Students, Dr. Vidya A, Prof. and Head, Dept. of CSE'.

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Outcomes of the Talk

1. Enhanced Understanding:

Students gained insights into the significance of competitive programming and its role in career development.

2. Skill Development:

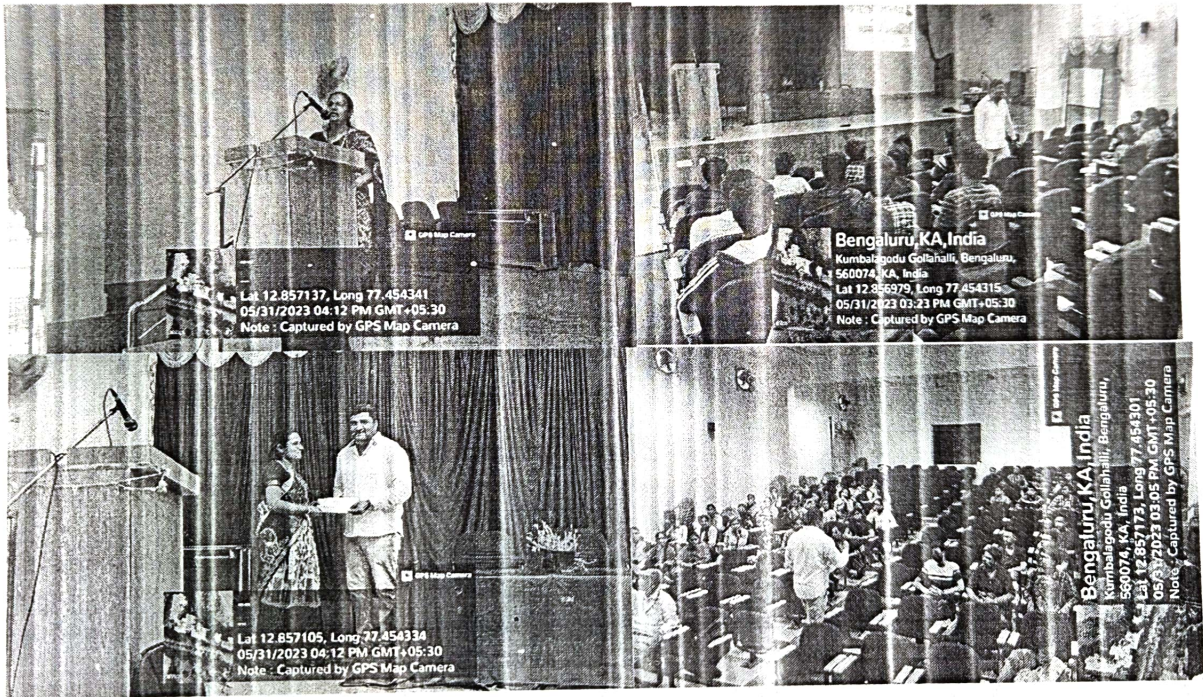
The session equipped participants with strategies and tools to improve their coding proficiency.

3. Increased Participation:

Attendees were motivated to explore and participate in coding competitions actively.

4. Resource Awareness:

Students were introduced to valuable platforms and materials for continuous learning and practice.



Feedback

The technical talk received positive feedback from the participants, who appreciated the practical demonstrations and the resource person's ability to simplify complex concepts. The interactive nature of the session was particularly well-received.


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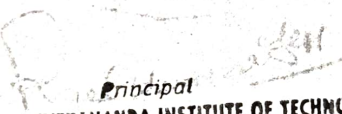
Acknowledgments

VKIT extends its heartfelt gratitude to Prof. Ravindranath R. C. for delivering an engaging and informative session. Special thanks to the organizing committee for their efforts in making the event a success.

Conclusion

The technical talk on "Competitive Programming" was an enriching experience for the students of VKIT. It provided them with valuable knowledge and motivation to excel in the field of competitive programming, fostering a culture of innovation and excellence.


Convener/Head of the Department


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