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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

Skill Enhancement	Name of the capability enhancement program	Title	Number of students enrolled	Date of implementation (DD-MM-YYYY)	Name of the agencies/consultants involved with contact details (if any)	Page Nos.
Soft Skills	2023-24	The Role of Statistic in Machine Learning	50	26.07.2024	Faculty	1-6
	2023-24	Introduction to Automated Machine Learning	60	24.07.2024	Faculty	7-10
	2023-24	Importance of Innovation in Startup	200	06.06.2024	Faculty	11-16
	2023-24	Achieving Problem Solution Fit and Product - Market Fit	90	29.02.2024	Faculty	17-21
	2023-24	Digitilisation in School and Approach to New Technologies	150	27.02.2024	Faculty	22-24
	2023-24	Motivational Session by Successful Innovators	158	21.02.2024	Faculty	25-28
	2023-24	Design Thinking, Critical Thinking and Innovation Design	210	28.11.2023	Faculty	29-32
	2023-24	Intellectual Property Rights for Engineers	50	31.05.2023	Faculty	33-36


11/01/2025

PRINCIPAL

Principal

Vivekananda Institute of Technology
Gudimavu Kumbalagodu Kengeri Hobli,
BANGALORE - 560074





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(AFFILIATED TO VTU BELAGAVI, APPROVED BY AICTE NEW DELHI AND RECOGNISED BY GOVT. OF KARNATAKA)
GUDIMAVU, KUMBALAGODU POST, KENGERI HOBLI, BENGALURU - 74



INSTITUTE INNOVATION COUNCIL (VKIT-IIC)

IIC ID: IC201912167

IIC 6.0 (Academic Year 2023-24)

Ref: VKIT/IIC-6.0/AIML/ /2023-24

Report on Self-Driven Activity – The Role of Statistics in Machine Learning

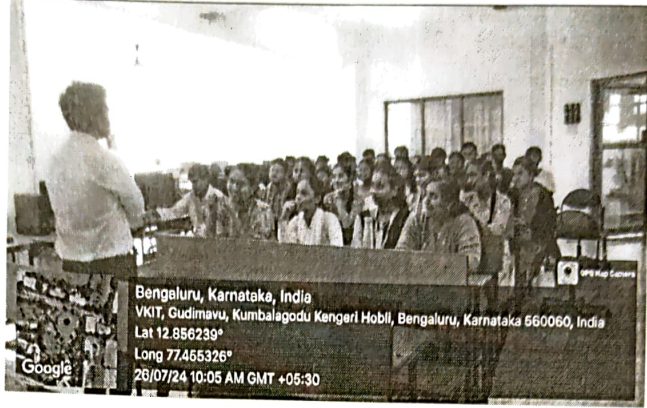
Theme	Self-driven Activity
Title	The Role of Statistics in Machine Learning
Mode of Session delivery	Offline
Date	26/07/2024
Time	10.00 AM
Duration	2 hours
Faculty Coordinator Name	Dr. Shaila K, Chief Coordinator Prof. Sathyavathi E V, Coordinator
Student Coordinators Name	Bhoomika & Nithin Gowda
Mandatory/Elective	Mandatory
Expert/Speaker Details	Dr. Manoj Kumar MV Associate Professor, Dept. of ISE, Nitte Meenakshi Institute of technology
Brief about the expert	He has 12 years of teaching experience and 8+ years of research experience. He has got Ph.D. Research Fellowship (SRF & JRF) from MHRD for 5 years. He has won S.P. Ranka Gold Medal Award at Vasavi Union Charitable Trust for his Ph.D.
No. of students participated	50

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Number of Faculty Participants	10
Number of external participants (if any)	-
Expenditure	3000/-
Objective	Statistics provides the methodologies and principles for creating models in machine learning. For instance, the linear regression model leverages the statistical method of least squares to estimate the coefficients. Interpreting results. Statistical concepts allow us to interpret the results generated by machine learning models.
Benefits in terms of learning/Skill/Knowledge obtained	Statistical methods provide the foundation for creating machine learning models. Many advanced machine learning techniques, such as Bayesian networks and Markov models, are rooted in statistical principles. These techniques are used for complex tasks like natural language processing and computer vision.
Description	<p>Speaker explained statistical machine learning involves using statistical techniques to develop models that can learn from data and make predictions or decisions. Statistics constitutes the backbone of machine learning, providing the tools and techniques to analyse and interpret data. Essentially, statistics provides the theoretical framework upon which machine learning algorithms are built.</p> <p>Statistics is the science that allows us to collect, analyse, interpret, present, and organize data. It provides a robust set of tools for understanding patterns and trends, and making inferences and predictions based on data. When we're dealing with large datasets, statistics helps us understand and summarize the data, allowing us to make sense of complex phenomena.</p> <p>Speaker even elaborated some of the more complex machine learning algorithms, such as Neural Networks, have statistical principles at their core. The optimization techniques, like gradient descent, used to train these models are based on statistical theory.</p>
YouTube Link	https://www.youtube.com/watch?v=CBOk6EkZx2c

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Photos



<p>Sathyavathi E.V. 27/07/24 Activity Coordinator</p>	<p><i>[Signature]</i> -27/07/2024. Chief Coordinator, IIC-VKIT-6.0</p>	<p><i>[Signature]</i> Convener, IIC-VKIT-6.0</p>
<p><i>[Signature]</i> 10/09/2024. Vice President, IIC-VKIT-6.0</p>	<p><i>[Signature]</i> -10/9/2024 President, IIC-VKIT-6.0</p>	<p><i>[Signature]</i> Vice-Principal, VKIT</p>

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10/09/2024

Head of the Institution



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

5th Semester Student Attendance
The Role of Statistics in Machine Learning

Date: 26/07/2024

Sl. No.	USN	NAME	SIGNATURE
1.	1VK22AI001	AKASH G	
2.	1VK22AI002	AKASH P	
3.	1VK22AI003	ANU N	
4.	1VK22AI004	ANUSHA P JOSHI	
5.	1VK22AI005	B VARDHAN	
6.	1VK22AI006	BHOOMIKA R	
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21.	1VK22AI022	MAHALAKSHMI S	

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22.	1VK22AI023	MANJULI KUMARI	<i>Manjuli Kumar</i>
23.	1VK22AI024	MOHANGOWDA G R	<i>Mohang</i>
24.	1VK22AI025	NITHIN GOWDA M S	<i>Nithin</i>
25.	1VK22AI026	PANCHAMI R	<i>Panchami</i>
26.	1VK22AI027	PAVAN M	<i>Pavan</i>
27.	1VK22AI028	PRAJWAL P L	<i>Prajwal</i>
28.	1VK22AI029	PRITHVIRAJAN M	<i>Prithviraj</i>
29.	1VK22AI030	RAHUL M	<i>Rahul</i>
30.	1VK22AI031	RAKSHITHA S	<i>Rakshitha</i>
31.	1VK22AI032	RANGALAKSHMI R	<i>Rangalakshmi</i>
32.	1VK22AI033	SAGAR B R	<i>Sagar</i>
33.	1VK22AI034	SAKSHI	<i>Sakshi</i>
34.	1VK22AI035	SHARON SANJANA S	<i>Sharon</i>
35.	1VK22AI036	SHIVANI M	<i>Shivani</i>
36.	1VK22AI037	SINCHANA K R	<i>Sinchana</i>
37.	1VK22AI038	SOURAV D GOWDA	<i>Sourav</i>
38.	1VK22AI039	TARUN T	<i>Tarun</i>
39.	1VK22AI040	UMESH H V	<i>Umesh</i>
40.	1VK22AI041	VARNITHA N R	<i>Varnitha</i>
41.	1VK22AI043	VIVEK S MATH	<i>Vivek</i>
42.	1VK22AI044	VIVEK S D	<i>Vivek</i>
43.	1VK22AI045	YASHFEEN FATHIMA	<i>Yashfeen</i>
44.	1VK23AI400	DARSHAN K	<i>Darshan</i>
45.	1VK23AI401	POOJA HARALE	<i>Pooja</i>
46.	1VK23AI402	RAVICHANDRA	<i>Ravi</i>
47.	1VK23AI403	SAHANA J	<i>Sahana</i>
48.	1VK23AI404	SANJAY V	<i>Sanjay</i>
49.	1VK23AI405	SANTOSH K	<i>Santosh</i>

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Report on Self-Driven Activity – Introduction to AutoML

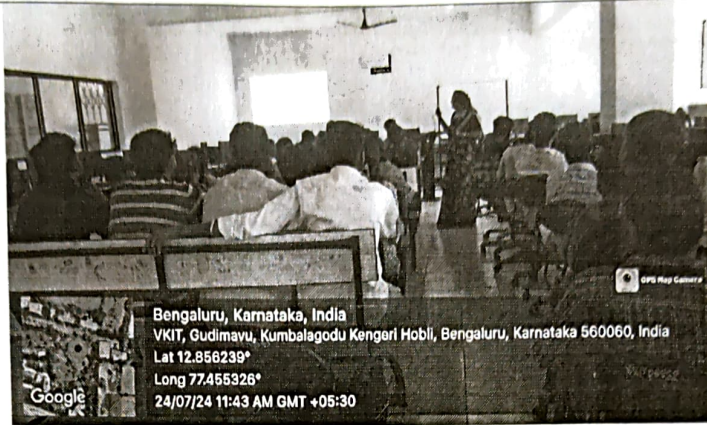
Theme	Self-driven Activity
Title	Introduction to Automated Machine Learning (AutoML)
Mode of Session delivery	Offline
Date	24/07/2024
Time	10.00 AM
Duration	2 hours
Faculty Coordinator Name	Dr. Shaila K, Chief Coordinator Prof. Sathyavathi E V, Coordinator
Student Coordinators Name	Bhoomika & Nithin Gowda
Mandatory/Elective	Mandatory
Expert/Speaker Details	Dr. Ramya R S Associate Professor, Dept. of CSE – Dayananda Sagar College of Engineering
Brief about the expert	Dr. Ramya RS has 13+ years of experience and she has published and presented papers at various National and International Conferences. Her areas of interest are Text Mining, Artificial Intelligence, Machine Learning, Deep Learning, Cloud Computing and so on.
No. of students	50

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participated	
Number of Faculty Participants	10
Number of external participants (if any)	-
Expenditure	3000/-
Objective	The main objective of the session was to define Automated machine learning and to understand how it can be helpful at different phases of the machine learning process.
Benefits in terms of learning/Skill/Knowledge obtained	Students were educated about how AutoML systems helps to evaluate not just the models they produce but also helps to evaluate the features that go into training those models. Even if we don't use the resulting model, AutoML tools may help us to determine which of the features might not be worth gathering and including in the final dataset.
Description	<p>Speaker explained the recent trends and technologies and then briefed our students about AutoML. AutoML -Automated Machine Learning is a technology that automates the process of building and optimizing machine learning models. It empowers non-experts to create effective AI solutions without in-depth knowledge.</p> <p>To use AutoML, you typically select a dataset, choose the type of task you want to perform (e.g., classification or regression), and let the system automatically handle model selection, hyper parameter tuning, and optimization. This simplifies AI development, making it accessible to a broader audience, and can save a lot of time and effort in building machine learning models.</p> <ul style="list-style-type: none"> • Speaker concluded the session by describing why AutoML is a great choice for a team with limited experience in building ML models or experienced teams that are looking for productivity gains and don't have customization requirements.
YouTube Link	https://www.youtube.com/watch?v=GSGr37uhNNc

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Photos



<p>Sathyadathi E.V 25/07/24 Activity Coordinator</p>	<p><i>[Signature]</i> 25/07/2024 Chief Coordinator, IIC-VKIT-6.0</p>	<p><i>[Signature]</i> Convenor, IIC-VKIT-6.0</p>
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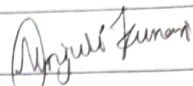


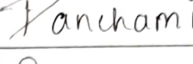
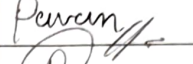
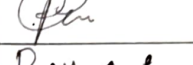
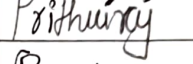
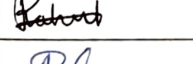
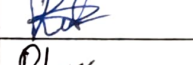
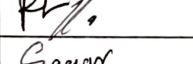
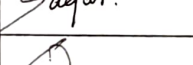
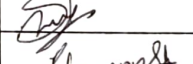
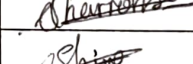
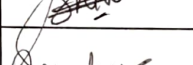
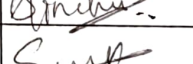

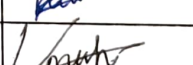
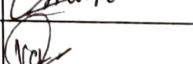
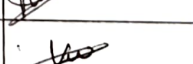


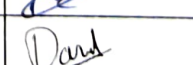
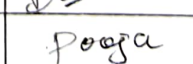
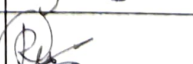
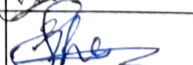

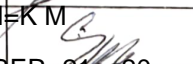
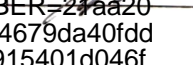
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

5th Semester Student Attendance
Introduction to Automated Machine Learning

Date: 24/07/2024

Sl. No.	USN	NAME	SIGNATURE
1.	1VK22AI001	AKASH G	
2.	1VK22AI002	AKASH P	
3.	1VK22AI003	ANU N	
4.	1VK22AI004	ANUSHA P JOSHI	
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34.	1VK22AI035	SHARON SANJANA S	
35.	1VK22AI036	SHIVANI M	
36.	1VK22AI037	SINCHANA K R	
37.	1VK22AI038	SOURAV D GOWDA	
38.	1VK22AI039	TARUN T	
39.	1VK22AI040	UMESH H V	
40.	1VK22AI041	VARNITHA N R	
41.	1VK22AI043	VIVEK S MATH	
42.	1VK22AI044	VIVEK S D	
43.	1VK22AI045	YASHFEEN FATHIMA	
44.	1VK23AI400	DARSHAN K	
45.	1VK23AI401	POOJA HARALE	
46.	1VK23AI402	RAVICHANDRA	
47.	1VK23AI403	SAHANA J	
48.	1VK23AI404	SANJAY V	
49.	1VK23AI405	SANTOSH KUMAR	

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**IIC6.0 (Academic Year 2023-24)
IMPACT LECTURE SERIES-2024**

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**Ministry of Education's Innovation Cell (MIC)
Government of India & AICTE**

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

Report on Importance of Innovation in Startups

Theme	IPR, Innovation and Startups
Title	Importance of Innovation in Startups
Mode of Session delivery	Offline
Date	06/06/2024
Time	1:30– 3:30 pm
Duration	2 hours
Program Coordinator Name	Dr. P Vanajakshi
Faculty Coordinator Name	Prof. Anitha K R
Student Coordinators Name	Sunil Kumar K, Raghavendra Aithal, Abhiganesh
Mandatory/Elective	Mandatory
Expert/Speaker Details	Mr. M Thaneshwar Singh Founder & CEO, Ientra Business Solutions Pvt Ltd Founder, Thaneshwar Entertainments Pvt Ltd
Brief about the	Mr. M Thaneshwar Singh is currently working as a seasoned entrepreneur, investor, and mentor with a strong commitment to fostering the

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<p>expert</p>	<p>Entrepreneurial ecosystem in India. With over 14 years of experience in the startup and investment space, He has dedicated his career to helping first-time entrepreneurs turn their ideas into successful businesses. As the founder of Ientra Business Solutions Pvt Ltd and Thaneshwar Entertainments Pvt Ltd, He spearhead multiple initiatives that support and nurture startups at various stages of their journey.</p> <p>He boasts an 8-year marketing background and 7 years as an entrepreneur. He's guided 100+ startups, invested in a couple of them, and leads Be an Angel Network, and Founder of Ientra Business Solutions Private Limited collaborating with major players like Social Alpha, IPV, and Rain matter. His influence also extends to multiple educational institutions with his Incubate India Initiative.</p>
<p>No. of students participated</p>	<p>169 Students</p>
<p>Number of Faculty Participants</p>	<p>25</p>
<p>Number of external participants (if any)</p>	<p>5</p>
<p>Objectives</p>	<p>The objective of emphasizing innovation in startups is multifaceted, focusing on achieving sustainable growth, market leadership, and long-term success. Here are the primary objectives of prioritizing innovation in startups: Develop unique products or services that distinguish the startup from competitors. Introduce groundbreaking solutions to capture market share early and establish a strong brand presence. Use innovative ideas to tap into new markets and customer segments, driving expansion and revenue growth. Create scalable solutions that can support rapid business growth and adaptation to increasing demand. Innovate to understand and fulfill customer needs more effectively, leading to higher satisfaction and loyalty. Innovate to quickly adapt to changing market conditions, consumer preferences, and technological advancements. Use innovative problem-solving approaches to navigate and overcome business challenges and obstacles. Innovate to improve operational efficiency, reduce costs, and increase productivity. Utilize new technologies to automate tasks and optimize business processes. Develop innovative approaches that address environmental and social concerns, ensuring the startup's sustainability. The objective of prioritizing innovation in startups is to create a dynamic, adaptable, and competitive business that can achieve sustained growth and success. By focusing on innovation, startups can differentiate themselves</p>

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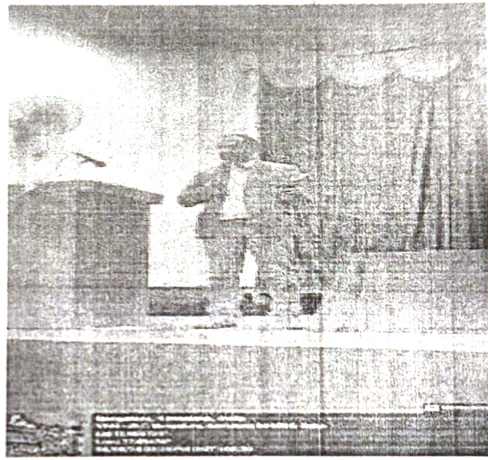
Benefits in terms of learning/Skill/ Knowledge obtained	<p>Innovation is critical for the success and growth of startups. Emphasizing innovation in a startup environment can lead to a range of benefits in terms of learning, skills, and knowledge acquisition. Emphasizing innovation in startups not only drives business growth and competitiveness but also significantly contributes to the personal and professional development of the team. It creates an environment where learning, skill acquisition, and knowledge sharing are continuous processes, Leading to a more dynamic, adaptable, and skilled workforce.</p> <ul style="list-style-type: none"> o Engaging in innovative activities instills entrepreneurial skills such as risk-taking, resource management, and strategic thinking. Innovation is not just a buzzword for startups; it is a necessity for survival and growth. It drives competitive advantage, fosters adaptability, attracts investment, enhances customer satisfaction, and keeps employees engaged. By embedding innovation into their core strategy, startups can navigate the complexities of the market, address emerging challenges, and seize new opportunities, ensuring their success and sustainability in the long term.
Description	<p>Innovation in startups is the lifeblood that propels them forward in competitive markets. It involves the creation and application of new ideas, products, services, or processes that bring significant value to customers or solve pressing problems in novel ways. Startups are often at the forefront of innovation due to their agility, willingness to take risks, and ability to Disrupt established industries. Key aspects of innovation in startups include:</p> <ul style="list-style-type: none"> Product Innovation Developing new products or enhancing existing ones to meet evolving customer needs or create entirely new market niches. Process Innovation Improving efficiency, reducing costs, or streamlining operations through new processes or technologies. Business Model Innovation Finding new ways to deliver value or monetize offerings, such as subscription models, peer-to-peer platforms, or decentralized networks. Technological Innovation Leveraging emerging technologies like AI, block chain, or biotechnology to develop groundbreaking solutions. Market Innovation Identifying untapped markets or redefining existing ones through innovative marketing strategies or distribution channels. Cultural Innovation Fostering a culture of creativity, experimentation, and collaboration within the startup to continuously generate new ideas. <p>Successful startups often combine these forms of innovation to differentiate themselves, attract investors, and scale rapidly.</p>
YouTube Link	https://youtu.be/Sa7CuPg4eRc?si=BYys_EGEsFTyVowQ

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Photos



Mr. M Thaneshwar Singh
Founder & CEO, Ientra Business Solutions Pvt Ltd



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Anitha K R
24/06/2024

Ms. Anitha K R
Assistant Professor, Dept of ISE,
Activity Coordinator, IIC-VKIT-6.0

P. Vanajakshi
24/6/2024

Dr. P. Vanajakshi
Prof & Head, Dept of ISE
Impact Lecture Series-2024 Program Coordinator
President, IIC-VKIT-6.0

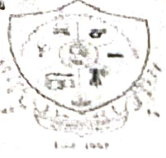
Dr. D V Chandrashekhar
Vice-Principal, VKIT
IQAC Head, VKIT

Ravi Kumar
24/06/2024

Dr. K M Ravi Kumar
Head of the Institution (HoI)

Principal
VIVEKANANDA INSTITUTE OF TECHNOLOGY
BANGALORE - 560 074

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INSTITUTE INNOVATION COUNCIL (VKIT-IIC)

IIC6.0 (Academic Year 2023-24)

Ref no : VKIT/IIC/Q1-5/2023-24

Report

on

“One Day Session on Achieving Problem -Solution Fit and Product-Market Fit on 29th February 2024”

Thrust Area: Mentoring Session on Achieving Problem -Solution Fit and Product-Market Fit .

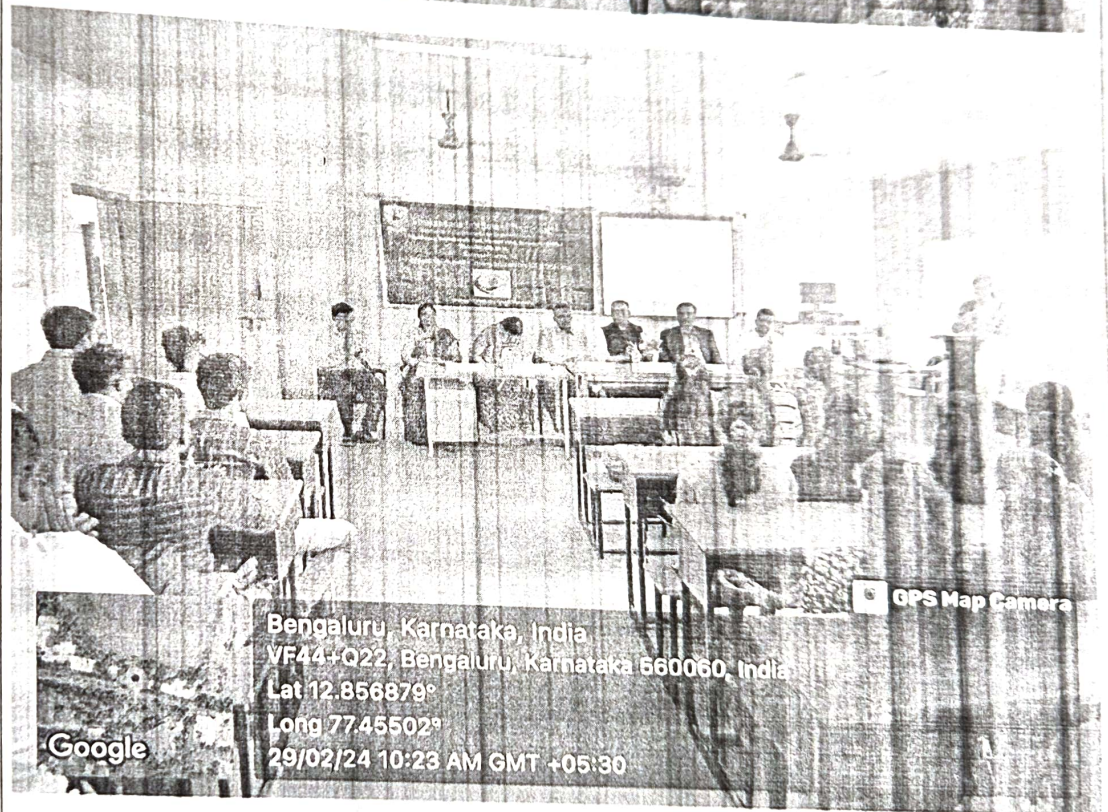
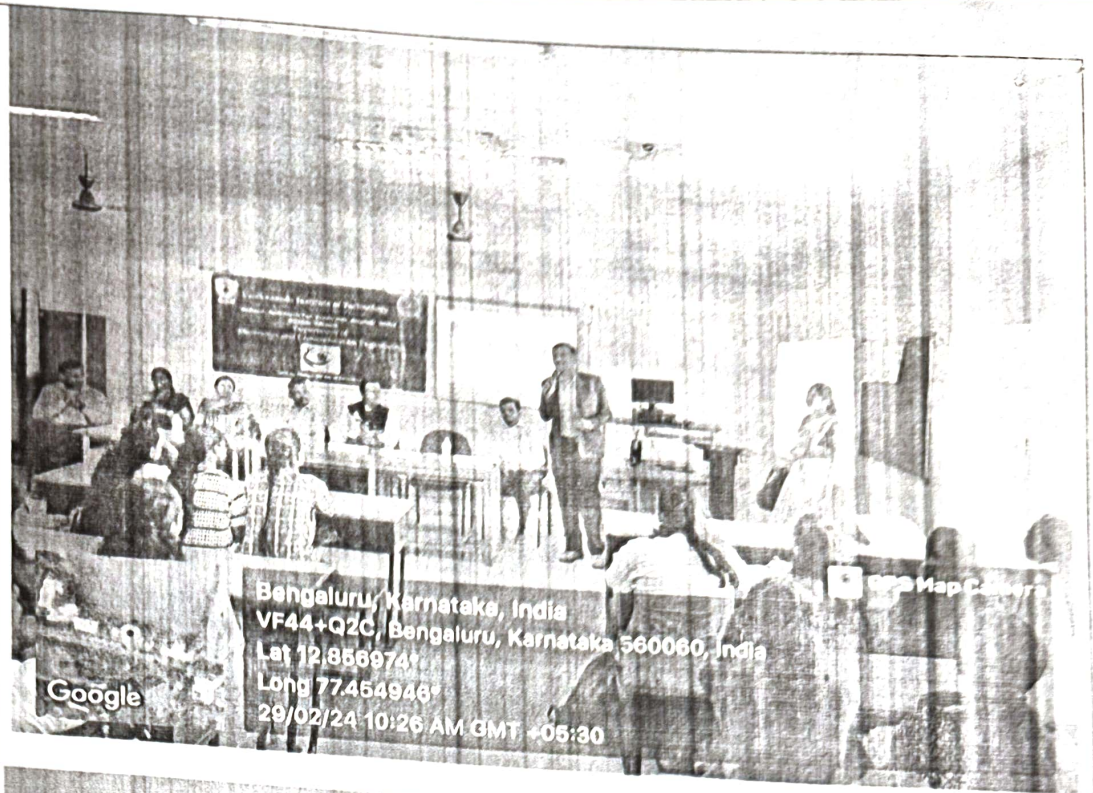
Quarter: 2

Theme	Achieving Problem -Solution Fit and Product-Market Fit
Activity Name	Knowledge Session
Mode of Session delivery	Offline
Date and Time	29.02.2024 at 10.00 AM
Faculty Coordinator Name	Shreelakshmi V, Kavitha C S
Mandatory/Elective	Mandatory
No. of students participated	90
Number of Faculty Participants	09
Number of external participants (if any)	NIL
Expenditure (if any)	NIL
Objective (100 words)	Achieving Problem-Solution Fit involves validating that your product effectively addresses a significant problem faced by your target audience. It ensures that our solution resonates with their needs and pain points, establishing a solid foundation for further development.

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	<p>Product-Market Fit, on the other hand, denotes the alignment between your product offering and the demands of the market, demonstrating widespread adoption and customer satisfaction. Both objectives are crucial milestones in the product development journey, ensuring that your solution not only solves a real problem but also captures a sustainable market share, leading to long-term success and growth.</p>
<p>Benefits interms of learning/Skill/Knowledge obtained (150 words)</p>	<p>Achieving Problem-Solution Fit and Product-Market Fit yields numerous benefits in terms of learning, skill acquisition, and knowledge enrichment. Firstly, the process cultivates a deep understanding of customer needs, market dynamics, and product development methodologies, enhancing one's proficiency in market research, customer validation, and solution design. It fosters critical thinking, analytical skills, and the ability to iterate and adapt in response to feedback and changing market conditions.</p> <p>Moreover, attaining these fits often involves cross-functional collaboration, fostering teamwork, communication, and project management skills. Individuals learn to balance creativity with pragmatism, innovating while staying grounded in market realities. Additionally, achieving these milestones instills confidence and credibility in one's abilities to deliver value to customers and stakeholders, bolstering professional reputation and career prospects.</p> <p>Overall, the journey towards Problem-Solution Fit and Product-Market Fit serves as a rich learning experience, equipping individuals with a diverse set of skills, knowledge, and insights essential for success in product development and entrepreneurial endeavors.</p>
<p>Description</p>	<p>The function was hosted by Ms Shreelakshmi V at 10:0AM in the e-classroom ECE dept .VKIT. The Chief guest was Dhiraj A Roa sir, Managing director, AANS technologies Bengaluru. The dignatories present over the dias were Dr.K.M.Ravikumar(Principal) Dr.D.V.Chandrashekar(Viceprincipal) Dr.Vanajakshi.P(HODISE) Dr.Bhaghyalakshmi.N(HOD ECE) Prof.Manjunath.R(Convener IIC). ECE deapartment students presented a warm welcome for the guests as well as the everyone who were present over there. Principal Dr.K.M.Ravikumar sir addressing the students. Chief specker started the session and which very inactivate and Vote of thanks for stage function was given by Dr.Bhaghyalakshmi.N hod ECE dept.</p>
<p>YouTube Link</p>	<p>https://youtu.be/P8mL_sC3ZS8?si=568nzi1nXhr8A7B1</p>

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Photo's

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Department of Electronics and Communication Engineering

Cordially invites you for
Session on
Achieving Problem -Solution Fit and Product-Market Fit
In Association with IIC VKIT

Students, Staffs & HOD's of all Departments

29-02-2024

e-classroom, Dept. of ECE

10:00AM

Co-ordinators
Shreelakshmi V
Kavitha C S

Convener, IIC
Dr. Manjunath R
Asst. Prof. MECH

Vice President, IIC
Chief Co-ordinator
Dr. Bhagyalakshmi N
HOD, ECE

President, IIC
Dr. Vanajakshi P
HOD, ISE

Vice Principal
Dr. D V Chandrashekar
HOD, BSH

Principal
Dr. K M Ravikumar

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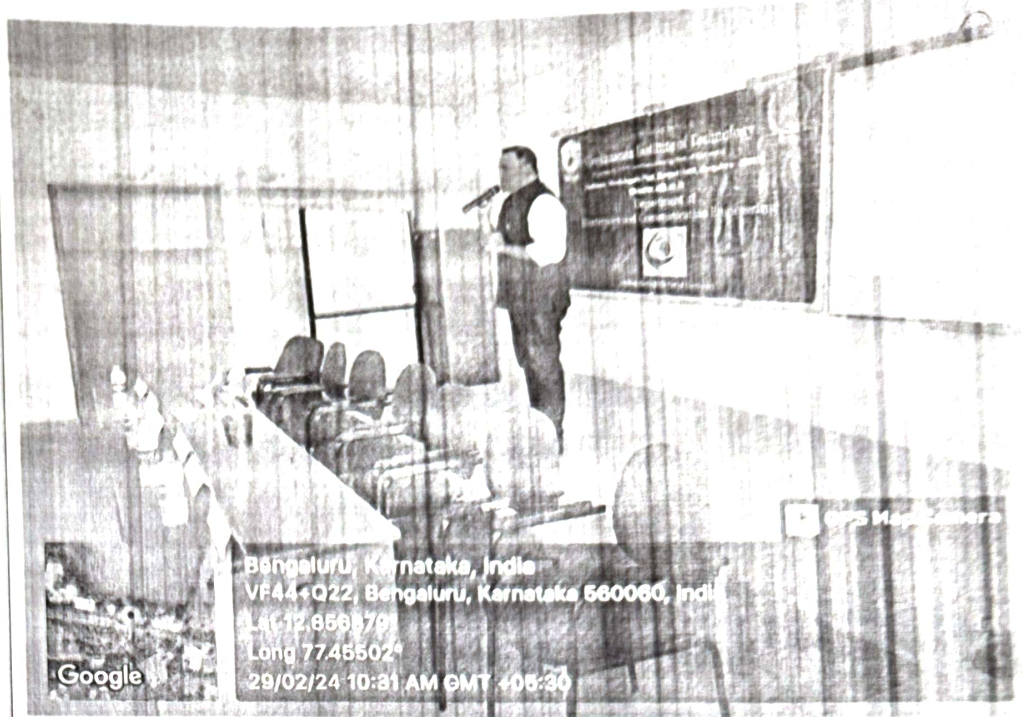


GPS Map Camera

Bengaluru, Karnataka, India
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Long 77.45502°
29/02/24 10:23 AM GMT +05:30

Google

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Bakshini V 01/03/24
Kavitha C 01/03/24
Activity
Coordinator

01/03/2024
Vice President

01/03/2024
President

01/03/2024
Convener

01/03/2024
Head of the Institution
Principal
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Bangalore - 560 074

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**INSTITUTION'S
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INSTITUTE INNOVATION COUNCIL (IIC ID : IC201912167)

IIC6.0 (Academic Year 2022-23)

Ref: VKIT/IIC/A²/2023-24

11.02.2023

Report on "Organizing Innovation & Entrepreneurship Outreach Program in School"

Semester : 1

Thrust Area : Innovation and Design Thinking

Quarter : 2

Theme	Innovation
Activity Name	"Digitalisation in School and Approach to New Technologies"
Mode of Conduct	Offline
Date and Time	27.02.2024 at 10.00a.m to 1.00p.m
Faculty Name	Coordinator Dr. Shaila K, Chief Co-ordinator Prof. Jamuna H G, Co-ordinator
Student Name	Coordinator Karthik and Yeshwanth
Mandatory/Elective	Mandatory
No. of participants	150
Number of Faculty Participants	04
Expenditure (if any)	Rs. 1000
Objective (100 words)	The main objective of this event is to bring awareness about how digitisation is done in school using new technologies.
Resource person details	Students and Faculty of Artificial Intelligence and Machine Learning Department.
Description	The Department of Artificial Intelligence and Machine Learning in association with Institute Innovation Council (IIC) conducted the activity. The students of Department of Artificial Intelligence and Machine Learning

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visited Government High School in Gollahalli village and conducted various activities. The students were split into five groups and each group were assigned with different topics where they prepared posters, demonstrations, role plays to explain to the school students. Each of the group were assigned with topics as follows:

Group 1: Digitisation of School

Group 2: Impact of Technology on the Students

Group 3: Right implementation of GPT

Group 4: New Technologies

Group 5: AI based activities for Children were conducted.

Dr. Shaila K, HoD of AI & ML : Explained real time applications using AI concepts.

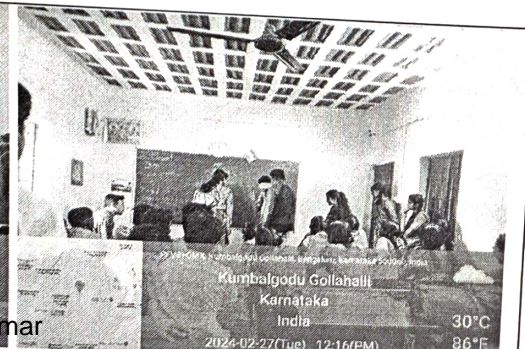
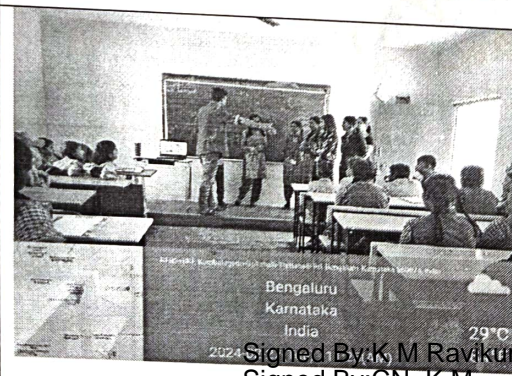
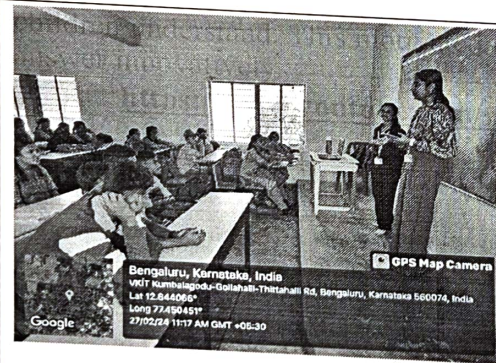
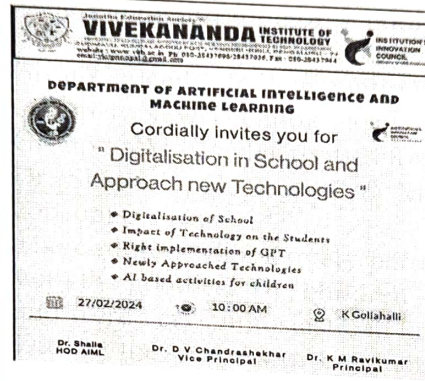
The children who actively participated in the activities conducted were given with the goodies. The children of the Government School actively participated and were very enthusiastic in knowing about the new technologies.

During the process of conducting this activity the students of AI & ML of VKIT also learnt new technologies and also used innovative ideas to make the children understand. This motivated the school children to think, question and answer innovatively.

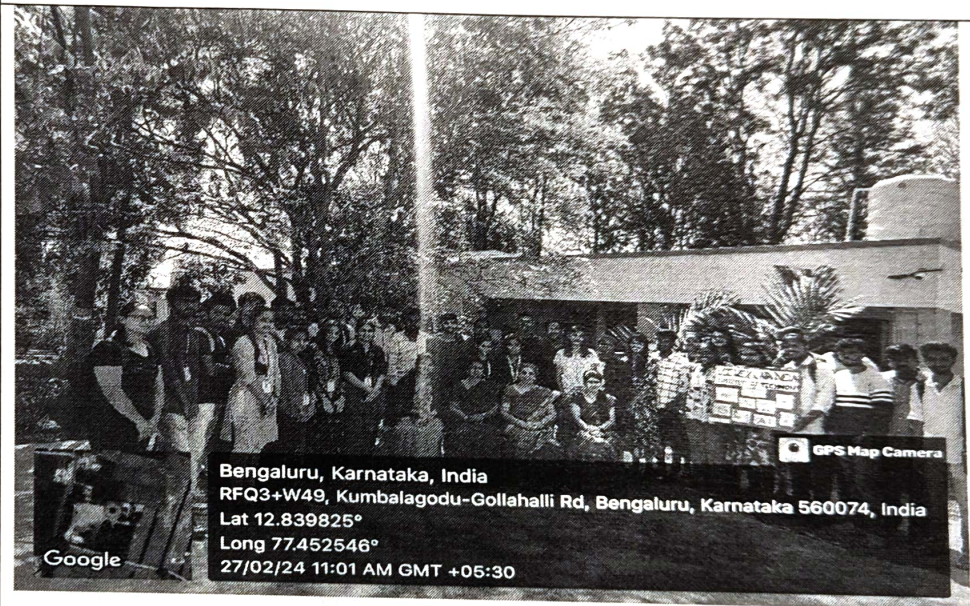
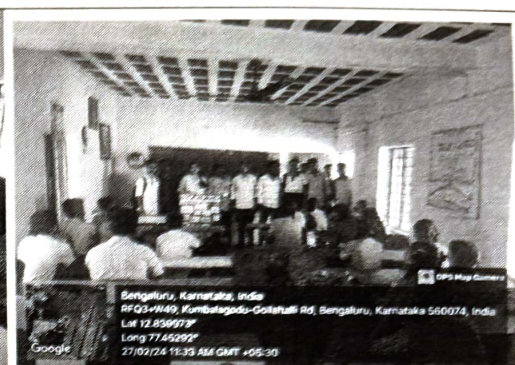
YouTube Link

<https://www.youtube.com/watch?v=d2R6IKBT8Ok&t=27s>

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Shaila K
Dr. Shaila K 04/03/2024
 Activity
 Chief Coordinator

M R
Dr. Manjunath R 04/03/24
 Convener

BLM 04/03/24
Dr. Bhagyalakshmi N
 Vice President

P Venk 02/03/24
Dr. Vanajakshi P
 President

Ravikumar
Dr. D V Chandrashekar
 Vice Principal
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Ravi Kumar 04/03/2024
Dr. K M Ravi Kumar
 Head of the Institution
 Principal
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INSTITUTE INNOVATION COUNCIL (VKIT-IIC)

IIC ID: IC201912167

IIC 6.0 (Academic Year 2023-24)

An IQAC Initiative

Ref: VKIT/meeh/IIC-6.0/02/23-24

Report on "My Story- Motivational Session by Successful Innovators"

Theme	Inspiration, Motivation and Ideation
Title	Report on "My Story- Motivational Session by Successful Innovators"
Mode of Session delivery	offline
Date	21 st Feb 2024
Time	10:30 am
Duration	2 hrs
Faculty Coordinator Name	Dr. Manjunatha R
Student Coordinator Name	Mr. Abhishek Gowda R S
Mandatory/ Elective	Mandatory
Expert/Speaker Details	Dr. Balaji V Innovation Ambassador Evaluator-AICTE-School Innovation Contest Associate Professor & Head Department of Mechanical Engineering Sri Sai Ram College of Engineering, Bengaluru

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Speaker	Dr. Balaji V has completed his B.E in Mechanical Engineering in 2008 & he completed M.Tech in Manufacturing Science & Engineering during 2012. He has obtained his doctoral degree from Visvesvaraya Technological University, Belagavi. He has 12 years of Teaching & Research experience. He has published 15 research articles in peer reviewed international journals & presented 13 papers in international/national conferences. He has filed 6 patents & published a book chapter. He has delivered many expert talk on IPR & Innovation.
No. of students participated	148
Number of Faculty Participants	10
Expenditure	Rs. 3000
Objective	Innovation can lead to increased productivity, as it encourages professionals when they see their ideas being implemented. It is the cornerstone of economic development in technology for both hardware and software. The objective of this event is to motivate the students about Innovation and to make students to work on innovation with zeal, initiative, interest, and enthusiasm and to raise the awareness of the role of creativity and innovation in all aspects of human development. This event also aimed to motivate the students to transform their innovative idea in to reality and to make students aware on benefits of idea generation.
Benefits in terms of learning/Skill/Knowledge	<ul style="list-style-type: none"> ➤ The students have been motivated with respect to Innovation ➤ The students have been motivated to think innovatively & also encouraged to transform their innovative idea in to reality ➤ Increased healthy competitiveness among students. ➤ Students have been motivated to become Entrepreneur through their Innovation ideas ➤ Improved brand recognition and value. ➤ New partnerships and relationships.
Description	Motivation is a physiological and psychological process that controls our behavior based on our needs and desires which also energize behavior. It's important to note here that motivation starts with a person's needs. If you do not have any needs, you would be no reason for motivation.
You Tube Link	https://www.youtube.com/watch?v=l5AopoYX-RI

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 Long 77.454333°
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<p><i>MV</i> 22/02/24</p> <p>Activity Coordinator</p>	<p><i>MV</i> 22/02/24</p> <p>Convener, IIC-VKIT-6.0</p>	<p><i>BN</i> 22/02/24</p> <p>Vice-President, IIC-VKIT-6.0</p>
<p><i>[Signature]</i></p> <p>President, IIC-VKIT-6.0</p>	<p><i>[Signature]</i> 22/2/24</p> <p>Vice-Principal & IQAC Head, VKIT</p>	<p><i>[Signature]</i> 22/02/2024</p> <p>Principal VIVARANANDA INSTITUTE OF TECHNOLOGY Head of the Institution</p>

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INSTITUTE INNOVATION COUNCIL (VKIT-IIC)

IIC ID: IC201912167

IIC 6.0 (Academic Year 2023-24)

An IQAC Initiative

Ref: VKIT/meeh/IIC 6-0/01/23-24

Report of Workshop on "Design Thinking, Critical Thinking and Innovation Design"

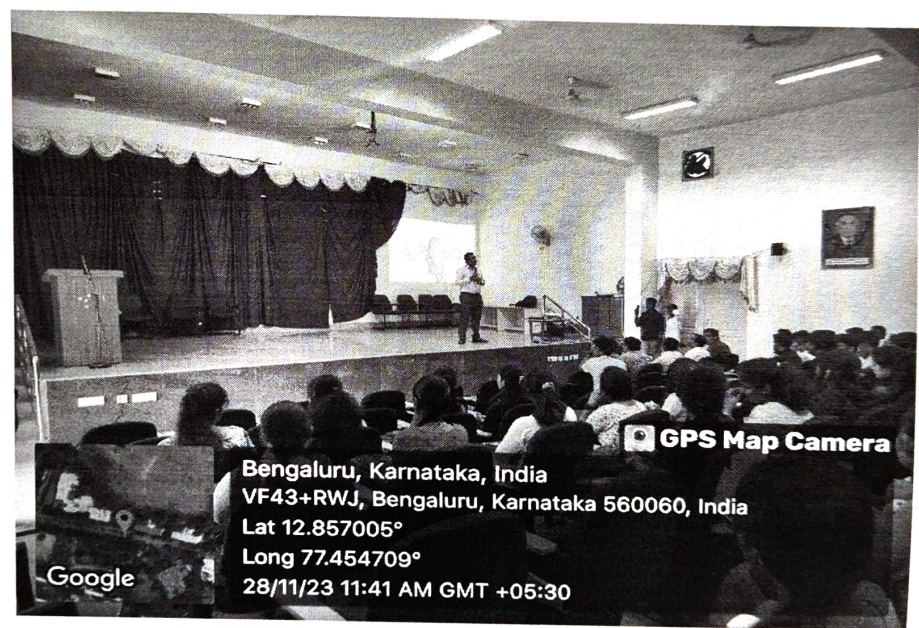
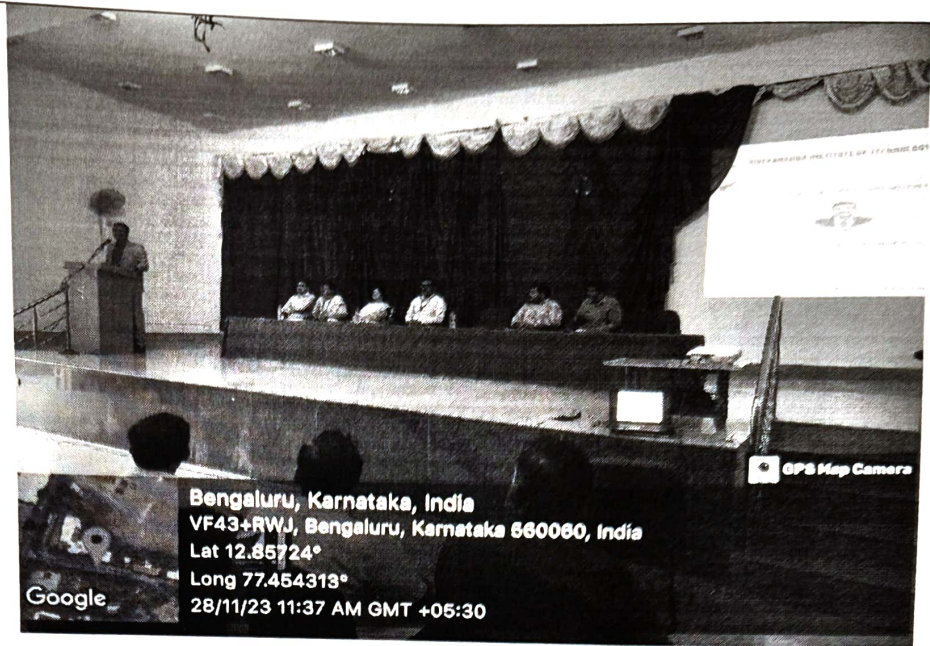
Theme	Validation and Concept Development
Title	Workshop on "Design Thinking, Critical Thinking and Innovation Design"
Mode of Session delivery	offline
Date	28 th Nov 2023
Time	11:00 am
Duration	2 hrs
Faculty Coordinator Name	Dr. Manjunatha R
Student Coordinator Name	Mr. Vinod S
Mandatory/ Elective	Mandatory
Expert/Speaker Details	Dr. Balaji V Innovation Ambassador Evaluator-AICTE-School Innovation Contest Associate Professor & Head Department of Mechanical Engineering Sri Sai Ram College of Engineering, Bengaluru

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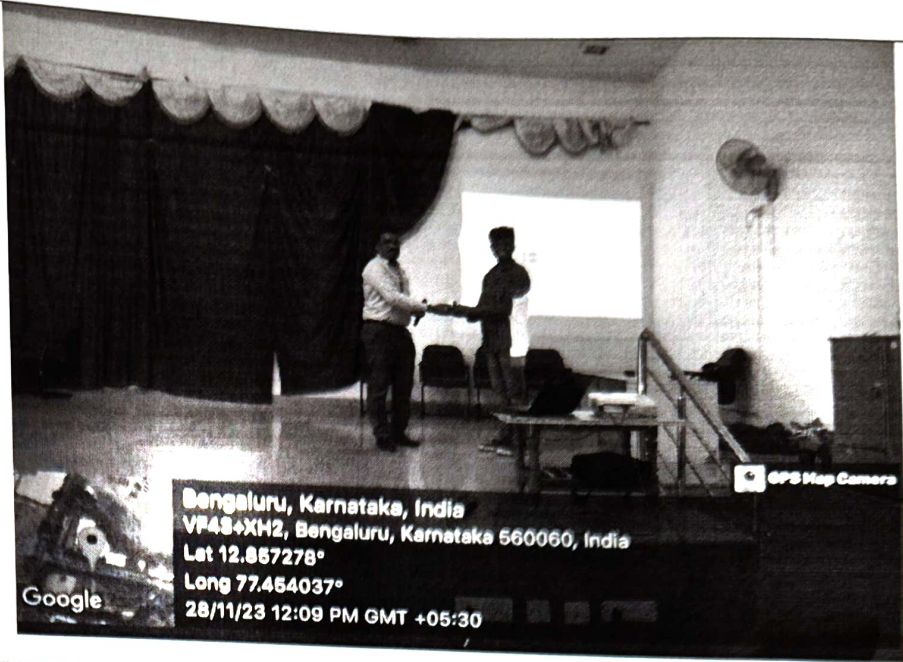
Brief about the Speaker	Dr. Balaji V has completed his B.E in Mechanical Engineering in 2008 & he completed M.Tech in Manufacturing Science & Engineering during 2012. He has obtained his doctoral degree from Visvesvaraya Technological University, Belagavi. He has 12 years of Teaching & Research experience. He has published 15 research articles in peer reviewed international journals & presented 13 papers in international/national conferences. He has filed 6 patents & published a book chapter. He has delivered many expert talk on IPR & Innovation.
No. of students participated	200
Number of Faculty Participants	10
Expenditure	Rs. 3000
Objective	Design thinking is an iterative process in which you seek to understand your users, challenge assumptions, redefine problems and create innovative solutions which you can prototype and test. The overall goal is to identify alternative strategies and solutions that are not instantly apparent with your initial level of understanding.
Benefits in terms of learning/Skill/Knowledge	<ul style="list-style-type: none"> • Revolves around a deep interest to understand the people for whom we design products and services. • Helps us observe and develop empathy with the target users. • Enhances our ability to question: in design thinking you question the problem, the assumptions and the implications. • Proves extremely useful when you tackle problems that are ill-defined or unknown. • Involves on-going experimentation through sketches, prototypes, testing and trials of new concepts and ideas.
Description	Design thinking is an iterative and non-linear process that contains five phases: 1. Empathize, 2. Define, 3. Ideate, 4. Prototype and 5. Test. You can carry these stages out in parallel, repeat them and circle back to a previous stage at any point in the process.
You Tube Link	https://www.youtube.com/watch?v=j8-Fa2MGKEQ

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<p><i>MV</i> 29/11/23</p> <p>Activity Coordinator</p>	<p><i>MV</i> 29/11/23</p> <p>Convener, IIC-VKIT-6.0</p>	<p><i>BN</i> 29/11/23</p> <p>Vice-President, IIC-VKIT-6.0</p>
<p><i>[Signature]</i></p> <p>President, IIC-VKIT-6.0</p>	<p><i>[Signature]</i> 29/11/23</p> <p>Vice-Principal & IQAC Head, VKIT</p>	<p><i>[Signature]</i> 29/11/2023</p> <p>Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY Head of the Institution Bangalore - 560 074</p>

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Department of Computer Science and Engineering

Date: 01/06/2023

Report on Awareness Program

Topic: Intellectual Property Rights for Engineers

Date: 31st May 2023

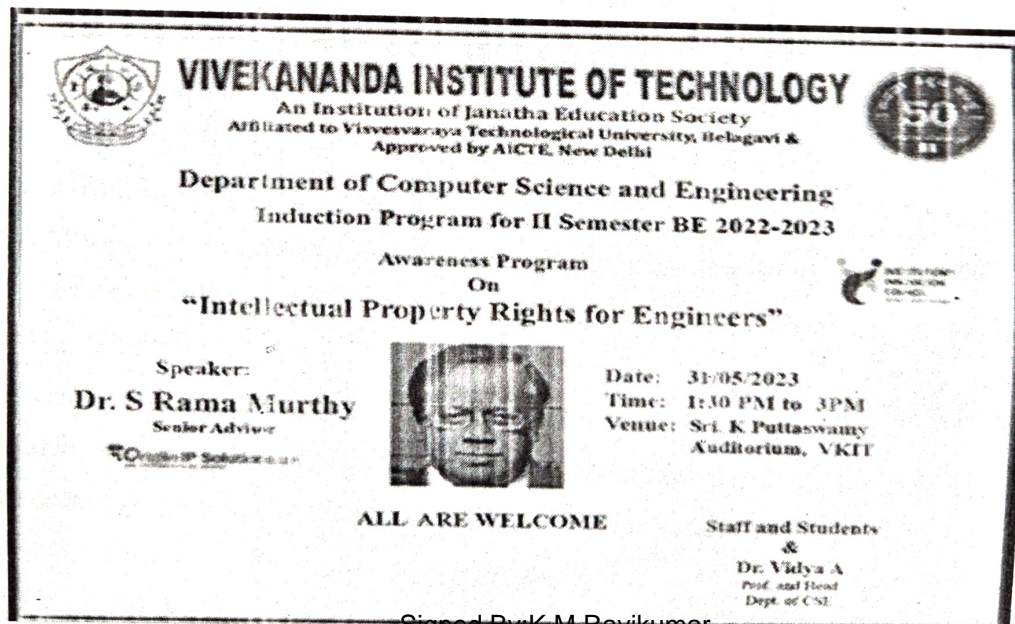
Venue: VKIT Campus

Audience: Engineering Students of VKIT

Resource Person: Dr. S. Rama Murthy, Senior Advisor, Origin IP Solutions, Bangalore

Introduction

An awareness program on "Intellectual Property Rights (IPR) for Engineers" was conducted on 31st May 2023 at VKIT. The session aimed to enlighten engineering students about the significance of intellectual property rights in fostering innovation and protecting intellectual creations. The resource person for the session was Dr. S. Rama Murthy, Senior Advisor at Origin IP Solutions, Bangalore.



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Objectives of the Program

1. To introduce students to the concept and importance of intellectual property rights.
2. To educate participants on various types of intellectual properties, including patents, copyrights, trademarks, and trade secrets.
3. To provide insights into the processes involved in filing and protecting intellectual property.
4. To highlight the role of IPR in engineering innovation and entrepreneurship.

Key Highlights of the Program

1. **Understanding IPR:**
Dr. S. Rama Murthy explained the fundamentals of intellectual property rights, emphasizing their role in safeguarding innovations and fostering economic growth.
2. **Types of Intellectual Property:**
The session covered various types of intellectual property, such as patents, copyrights, trademarks, and industrial designs, along with examples relevant to engineering fields.
3. **Patent Filing Process:**
The resource person provided a detailed overview of the patent filing process, including drafting, submission, and examination procedures.
4. **Role of Engineers in IPR:**
The talk highlighted the critical role engineers play in creating and protecting intellectual property, emphasizing the need for engineers to be aware of IPR laws and practices.
5. **Case Studies and Examples:**
Dr. Murthy shared real-life case studies to illustrate the importance of intellectual property protection in various industries, particularly in technology and innovation-driven sectors.
6. **Interactive Q&A Session:**
Students engaged actively during the Q&A session, seeking clarity on the practical aspects of IPR and its application in their projects and startups.

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Outcomes of the Program

1. Enhanced Awareness:

Students gained a deeper understanding of intellectual property rights and their significance in engineering and innovation.

2. Practical Knowledge:

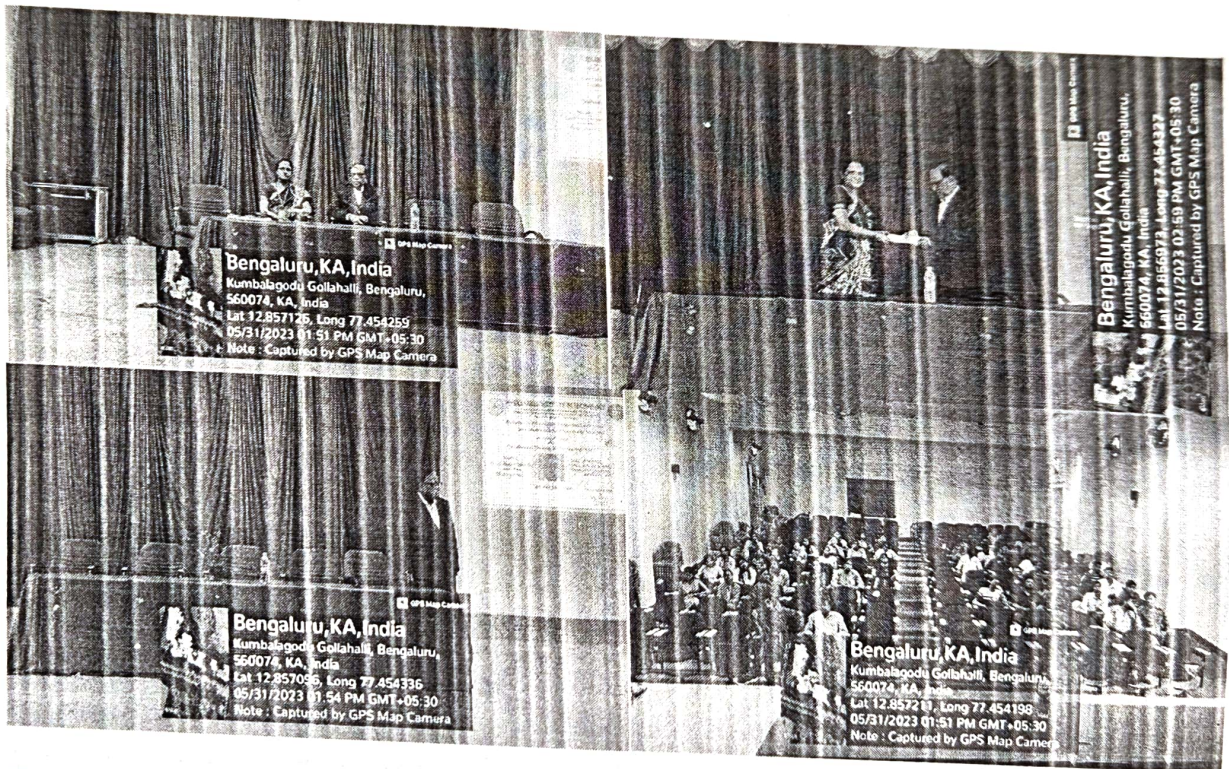
Participants acquired knowledge about the procedures for filing patents and protecting their intellectual creations.

3. Encouragement for Innovation:

The program inspired students to innovate and consider IPR as a vital aspect of their professional journey.

4. Legal and Ethical Insights:

The session provided valuable insights into the ethical and legal considerations related to intellectual property.



Feedback

The program was highly appreciated by the participants for its relevance and informative content. Dr. S. Rama Murthy's expert delivery made complex topics accessible to the audience.


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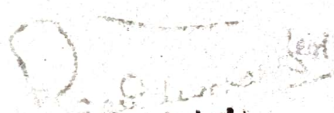
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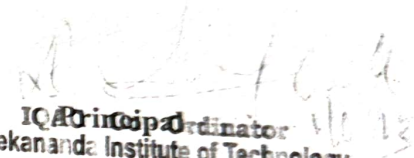
VKIT extends sincere gratitude to Dr. S. Rama Murthy for his enlightening session and to the organizing team for their efforts in coordinating the event. Special thanks to the Department of CSE for initiating the program.

Conclusion

The awareness program on "Intellectual Property Rights for Engineers" was a significant step in equipping engineering students with the knowledge to protect and leverage their innovations. It fostered a culture of intellectual awareness and provided a foundation for future technological advancements.


Convener/Head of the Department


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