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

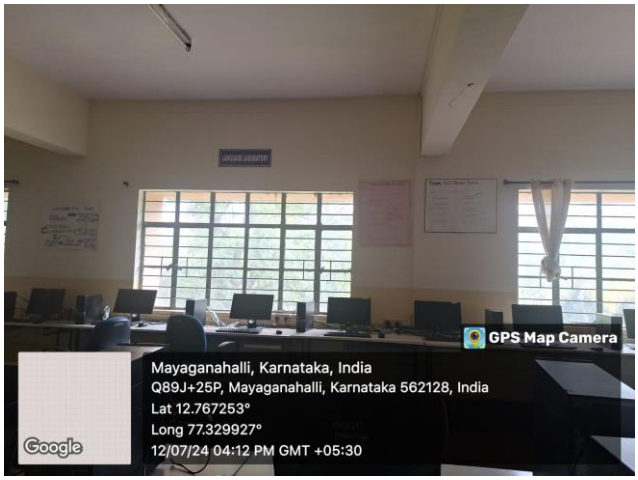
Language and Communicati on Skills	2023-24	Language Lab				1-1
	2023-24	Guiding Frame-work for Creating and Engaging Trained Faculty and Student IIC' Members Innovation Ambassadors in IIC' Institutions & Rewarding Mechanisms for IAS	150	29.07.2024	Faculty	2-4
	2023-24	Predictions for the Future of GEN AI	60	25.07.2024	Faculty	5-9
	2023-24	Gen AI: Its Role Education and Research	60	22.07.2024	Faculty	10-14

PRINCIPAL

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

Scanned with OKEN Scanner

Geo-Tagged Photo of Language Lab



Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar, SERIALNUMBER=21aa20776b15c1de64679da40fddf80ca027d5b915401d046f

PDF SIGNER DEMO VERSION

Janatha Education Society®
VIVEKANANDA INSTITUTE OF TECHNOLOGY
(AFFILIATED TO VTU BELAGAVI, APPROVED BY AICTE NEW DELHI AND RECOGNISED BY GOVT. OF KARNATAKA)
GUDIMAVU, KUMBALAGODU POST, KENGERI HOBLI, BENGALURU – 74

MHRD's INNOVATION CELL (GOVERNMENT OF INDIA)

INSTITUTION'S INNOVATION COUNCIL

INSTITUTE INNOVATION COUNCIL (VKIT-IIC)

IIC ID: IC201912167

IIC6.0 (Academic Year 2023-24)

Department of Information Science and Engineering

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

Report on Guiding Framework for Creating and Engaging Trained Faculty and Student IIC Members Innovation Ambassadors (IA) in IIC Institutions and Rewarding Mechanisms for IAs

(MIC Driven session conducted by Ministry of Educations Innovation cell and AICTE)

Theme	Guiding Framework for Creating and Engaging Trained Faculty Innovation Ambassadors, conducted by MIC
Title	Guiding Framework for Creating and Engaging Trained Faculty and Student IIC Members Innovation Ambassadors (IA) in IIC Institutions and Rewarding Mechanisms for IAs
Mode of Session delivery	online
Date	29-07-2024
Time	10:00 AM - 11:00 AM
Duration	1:00 hr
Faculty Coordinator Name	Prof. Anitha K.R
Student Coordinators	Kavya G

Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar, SERIALNUMBER=21aa20776b15c1de64679da40fddf80ca027d5b915401d046f

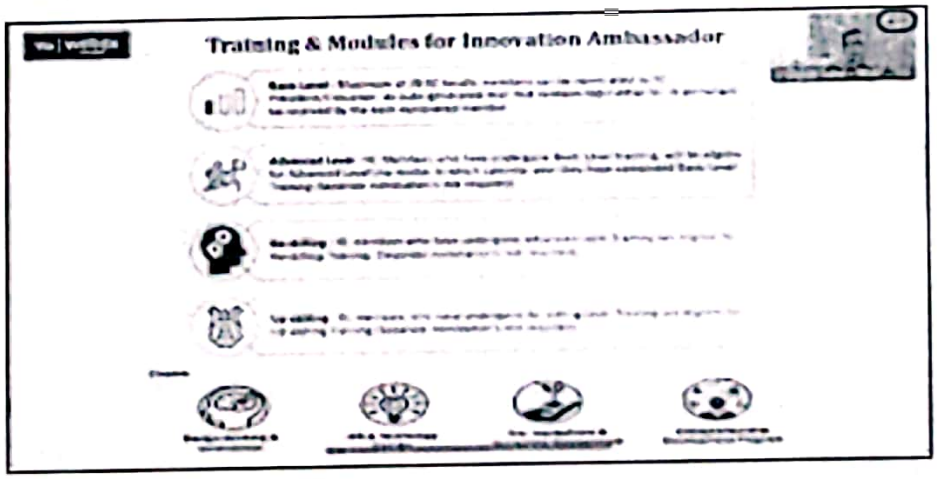
Scanned with OKEN Scanner

Name	
Mandatory/Elective	Mandatory
Expert/Speaker Details	**Dipan Kumar Sahu,** **Assistant Innovation Director,** **MoE's Innovation Cell**
No. of students participated	**120**
Number of Faculty Participants	**28**
Number of external participants (if any)	**-Nil-**
Objective	IIC Innovation Ambassadors will help MIC & AICTE to strengthen the grassroots innovation ecosystem in the country particularly in Higher Educational Institutions. Spread the message of innovation & start-up among the students and faculties. Innovation, IPR, and Start-ups.
Description	Creating and engaging trained Innovation Ambassadors (IAs) within Institutions of Innovation Council (IIC) involves a well-structured framework that focuses on both the development of the ambassadors and their effective integration into the institution's innovation ecosystem. Guiding Framework for Creating and Engaging Innovation Ambassadors (IAs) 1. Identification and Selection Criteria Development: Define clear criteria for selecting IAs, such as leadership qualities, expertise in innovation, and willingness to mentor. Application Process: Implement an application process that includes a written statement of interest and a review of past innovation-related achievements. Diverse Representation: Ensure a diverse group of IAs representing different disciplines, levels (faculty and students), and experiences to foster a broad perspective on innovation. 2. Training and Development Initial Training: Provide comprehensive training that covers the basics of innovation management, creativity techniques, and the role of an IA. Advanced Workshops: Offer advanced workshops focusing on specific areas such as grant writing, startup incubation, and technology transfer. Mentorship Program: Pair new IAs with experienced mentors for ongoing guidance and support.
YouTube Link	**https://youtube.com/live/V1Zm1bhbsl8?feature=share**

Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar, SERIALNUMBER=21aa20776b15c1de64679da40fddf80ca027d5b915401d046f

Scanned with OKEN Scanner

Photos



02/09/24 Convener,IIC-VKIT-6.0	02/09/2024. Vice President, IIC-VKIT-6.0	2/9/2024 President,IIC-VKIT-6.0
Vice-Principal,VKIT	02/09/2024 Head of the Institution Principal VIVEKANANDA INSTITUTE OF TECHNOLOGY Bangalore - 560 074	

Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar, SERIALNUMBER=21aa20776b15c1de64679da40fddf80ca027d5b915401d046f

Scanned with OKEN Scanner

Janatha Education Society®
VIVEKANANDA INSTITUTE OF TECHNOLOGY
(AFFILIATED TO VTU BELAGAVI, APPROVED BY AICTE NEW DELHI AND RECOGNISED BY GOVT. OF KARNATAKA)
GUDIMAVU, KUMBALAGODU POST, KENGERI HOBLI, BENGALURU – 74

MHRD'S INNOVATION CELL (GOVERNMENT OF INDIA)

INSTITUTION'S INNOVATION COUNCIL

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 – Predictions for the Future of GenAI

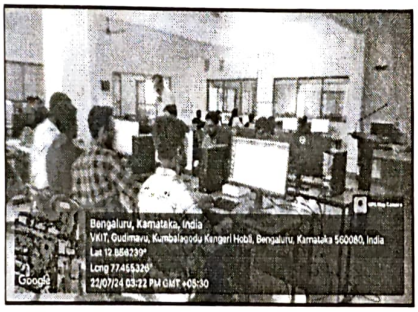
Theme	**Self-driven Activity**
Title	**Predictions for the Future of GenAI**
Mode of Session delivery	**Offline**
Date	**25/07/2024**
Time	**02.00 PM**
Duration	**2 hours**
Faculty Coordinator Name	**Dr. Shaila K, Chief Coordinator** **Prof. Sathyavathi E V, Coordinator**
Student Coordinators Name	**Bhoomika & Nithin Gowda**
Mandatory/Elective	**Mandatory**
Expert/Speaker Details	**Dr. Tusar Kanti Mishra** **Associate Professor, Dept. of CSE,** **Manipal Institute of Technology, Bangalore**
Brief about the expert	**He has got 19 years of experience in teaching and research expertise is of 10 years in the domain of Artificial Intelligence, Computer Vision, Pattern Recognition and allied application areas. He has availed the Erasmus Fellowship under Prof. L.R.B. Schomaker- Director of ALICE Lab, The Netherlands.**
No. of students	**50**

Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar, SERIALNUMBER=21aa20776b15c1de64679da40fddf80ca027d5b915401d046f

participated	
Number of Faculty Participants	**10**
Number of external participants (if any)	**-**
Expenditure	**3000/-**
Objective	The primary objective of Generative AI (GenAI) is to create new content, ideas, or solutions by learning patterns from existing data. GenAI aims to enhance human capabilities, drive innovation, and improve efficiency across various domains.
Benefits in terms of learning/Skill/Knowledge obtained	Generative AI (GenAI) offers a wide range of benefits across various industries and applications. GenAI can automate many of the manual tasks that are currently performed by humans, such as data entry, quality control, and machine learning. This can free up human workers to focus on more strategic and creative tasks, which can lead to increased productivity.
Description	Speaker explained introduced himself and introduced the topic *Generative AI* is a set of algorithms, capable of generating seemingly new, realistic content—such as text, images, or audio—from the training data. Speaker explained how most powerful generative AI algorithms are built on top of foundation models that are trained on a vast quantity of unlabeled data in a self-supervised way to identify underlying patterns for a wide range of tasks. He gave an example of GPT-3.5, a foundation model trained on large volumes of text, can be adapted for answering questions, text summarization, or sentiment analysis. Creating content and information tailored to a specific audience, such as chatbots for a personalized customer experiences or targeted advertisements based on patterns in a specific customer's behavior. Accelerating manual or repetitive tasks, such as writing emails, coding, or summarizing large documents.
YouTube Link	**https://www.youtube.com/watch?v=hFGvP9ZLGVE**

Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar, SERIALNUMBER=21aa20776b15c1de64679da40fddf80ca027d5b915401d046f

Photos



Sathyavathi. E.V. 23/07/24 **Activity Coordinator**	22/07/2024. **Chief Coordinator, IIC-VKIT-6.0**	**Convenor, IIC-VKIT-6.0**
10/09/2024. **Vice President, IIC-VKIT-6.0**	10/9/2024 **President, IIC-VKIT-6.0**	**Vice-Principal, VKIT**

Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar, SERIALNUMBER=21aa20776b15c1de64679da40fdd f80ca027d5b915401d046f

10/09/2024

Head of the Institution

ವಿವೇಕಾನಂದ ತಾಂತ್ರಿಕ ಮಹಾ ವಿದ್ಯಾಲಯ

VIVEKANANDA INSTITUTE OF TECHNOLOGY

AN INSTITUTE OF JANATHA EDUCATION SOCIETY

Recognised by GOK, Affiliated to VTU, Approved by AICTE, New Delhi & Accredited by NAAC

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

5th Semester Student Attendance

Gen AI - It's Role in Education and Research

Date: 22/07/2024

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	
7.	1VK22AI007	CHAMAN S	
8.	1VK22AI008	CHARISHMA K L	
9.	1VK22AI009	CHETHAN D	
10.	1VK22AI010	DEVARAJ	
11.	1VK22AI011	DIVYA B A	
12.	1VK22AI012	DIVYA SHREE S	
13.	1VK22AI013	GOWTHAM S	
14.	1VK22AI014	HEMANTH M	
15.	1VK22AI016	KARTHIK KUMAR V G	
16.	1VK22AI017	KIRANMAI U I	
17.	1VK22AI018	KAUSHIK M N	
18.	1VK22AI019	KUMARA SWAMY N	
19.	1VK22AI020	LIKHITHA R	
20.	1VK22AI021	LIKITHA SHREE S A	
21.	1VK22AI022	MAHALAKSHMI S	

Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar,
SERIALNUMBER=21aa20776b15c1de64679da40fddf80ca027d5b915401d046f

22.	1VK22AI023	MANJULI KUMARI	
23.	1VK22AI024	MOHANGOWDA G R	
24.	1VK22AI025	NITHIN GOWDA M S	
25.	1VK22AI026	PANCHAMI R	
26.	1VK22AI027	PAVAN M	
27.	1VK22AI028	PRAJWAL P L	
28.	1VK22AI029	PRITHVIRAJAN M	
29.	1VK22AI030	RAHUL M	
30.	1VK22AI031	RAKSHITHA S	
31.	1VK22AI032	RANGALAKSHMI R	
32.	1VK22AI033	SAGAR B R	
33.	1VK22AI034	SAKSHI	
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 L	

Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar, SERIALNUMBER=21aa20776b15c1de64679da40fddf80ca027d5b915401d046f

Janatha Education Society®

VIVEKANANDA INSTITUTE OF TECHNOLOGY

(AFFILIATED TO VTU BELAGAVI, APPROVED BY AICTE NEW DELHI AND RECOGNISED BY GOVT. OF KARNATAKA)

GUDIMAVU, KUMBALAGODU POST, KENGERI HOBLI, BENGALURU – 74

MHRD'S INNOVATION CELL (GOVERNMENT OF INDIA)

INSTITUTION'S INNOVATION COUNCIL

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 – Gen AI: It's Role in Education and Research

Theme	**Self-driven Activity**
Title	**Generative AI – It's Role in Education & Research**
Mode of Session delivery	**Offline**
Date	**22/07/2024**
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. Srikantaiah K C** **Prof, HOD & Dean – Central University, Kalburgi**
Brief about the expert	**Dr. Srikantaiah K C is Professor, Head and Dean at Central University, Kalburgi. He is Member BOE, CSE/ISE and VTU. He is member BOS, B.O.E in Computer Science and Engineering of UG and PG programmes of Bangalore University, Bangalore. He was also Member, Local Inspection Committee (LIC), V.T.U, 2016-17, 2018-19, Belgaum.**

Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar
SERIALNUMBER=21aa20 7f5b15c1de64679da40fdd f80ca027d6b9154d0d96

No. of students participated	50
Number of Faculty Participants	10
Number of external participants (if any)	-
Expenditure	3000/-
Objective	The main objective was to educate students that how AI is a rapidly evolving technology that is faced with many challenges and barriers to success.
Benefits in terms of learning/Skill/Know ledge obtained	The benefits of artificial intelligence in education include a plethora of improvements, transforming traditional teaching methods and enriching the learning experience. Personalized learning is a key advantage, with AI algorithms analyzing individual student data to tailor educational content. This adaptability ensures that students can learn at their own pace, enhancing understanding and engagement.
Description	Speaker explained the impact of artificial intelligence in education and on students is profound, influences various aspects of their learning experiences and personal development. One significant impact is personalized learning. AI algorithms analyse individual student data to tailor educational content, accommodating diverse learning styles and fostering a more customized and engaging educational journey. He also explained how AI facilitates a more inclusive learning environment. By addressing individual needs and providing adaptive learning experiences, AI contributes to levelling the educational playing field, ensuring that students with diverse abilities and backgrounds receive appropriate support. However, the role of AI in teaching and learning extends beyond tutoring and administrative tasks, encompassing a range of innovative applications that enhance the overall educational experience. Among examples of artificial intelligence in teaching and learning is that of content creation. AI-driven tools facilitate the development of interactive and adaptive learning materials, such as virtual labs, simulations, and educational games. These resources make learning more engaging, fostering a deeper understanding of complex subjects.
YouTube Link	https://www.youtube.com/watch?v=oUZ2wMlcCUo

Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar, SERIALNUMBER=21aa20776b15c1de64679da40fddf80ca027d5b915401d046f

Photos

Sathyavathi. E.V. 23/07/24 **Activity Coordinator**	23/07/2024. **Chief Coordinator, IIC-VKIT-6.0**	**Convenor, IIC-VKIT-6.0**
10/09/2024. **Vice President, IIC-VKIT-6.0**	10/9/2024 **President, IIC-VKIT-6.0**	**Vice-Principal, VKIT**

Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar, SERIALNUMBER=21aa20776b15c1de64679da40fddf80ca027d5b915401d046f

10/09/2024

Head of the Institution

ವಿವೇಕಾನಂದ ತಾಂತ್ರಿಕ ಮಹಾ ವಿದ್ಯಾಲಯ

VIVEKANANDA INSTITUTE OF TECHNOLOGY

AN INSTITUTE OF JANATHA EDUCATION SOCIETY

Recognised by GOK, Affiliated to VTU, Approved by AICTE, New Delhi & Accredited by NAAC

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

5th Semester Student Attendance
Gen AI - It's Role in Education and Research

Date: 22/07/2024

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	
7.	1VK22AI007	CHAMAN S	
8.	1VK22AI008	CHARISHMA K L	
9.	1VK22AI009	CHETHAN D	
10.	1VK22AI010	DEVARAJ	
11.	1VK22AI011	DIVYA B A	
12.	1VK22AI012	DIVYA SHREE S	
13.	1VK22AI013	GOWTHAM S	
14.	1VK22AI014	HEMANTH M	
15.	1VK22AI016	KARTHIK KUMAR V G	
16.	1VK22AI017	KIRANMAI U I	
17.	1VK22AI018	KAUSHIK M N	
18.	1VK22AI019	KUMARA SWAMY N	
19.	1VK22AI020	LIKHITHA R	
20.	1VK22AI021	LIKITHA SHREE S A	
21.	1VK22AI022	MAHALAKSHMI S	

Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar,
SERIALNUMBER=21aa20776b15c1de64679da40fdd180ca027d5b915401d046f

22.	1VK22AI023	MANJULI KUMARI	
23.	1VK22AI024	MOHANGOWDA G R	
24.	1VK22AI025	NITHIN GOWDA M S	
25.	1VK22AI026	PANCHAMI R	
26.	1VK22AI027	PAVAN M	
27.	1VK22AI028	PRAJWAL P L	
28.	1VK22AI029	PRITHVIRAJAN M	
29.	1VK22AI030	RAHUL M	
30.	1VK22AI031	RAKSHITHA S	
31.	1VK22AI032	RANGALAKSHMI R	
32.	1VK22AI033	SAGAR B R	
33.	1VK22AI034	SAKSHI	
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 T	

Signed By:K M Ravikumar
Signed By:CN=K M Ravikumar, SERIALNUMBER=21aa20776b15c1de64679da40fddf80ca027d5b915401d046f