



Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, approved by AICTE and affiliated to JNTUH)
Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana. www.brecw.ac.in

Department of Computer Science and Engineering

11 July 2024



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Department of Computer Science and Engineering

File No: BRECW/CSE/Guest Lecture/AY 23-24-Even/Circular/004

Date: 04/07/2024

Circular

All the III B.Tech CSE A and B are hereby informed that CSE department is conducting guest lecture on "Generative AI and Creativity", which is scheduled from 09:30 to 12:30 Hrs, on 10 July 2024.

The details of guest lecture are as follows:

S No	Class	Date and Time (Hrs)	Venue
1	2	3	4
1	III CSE A and B	10 July 2024 09:30 to 12:30Hrs	Seminar Hall (402 WB)

All the students must attend the guest lecture without fail.

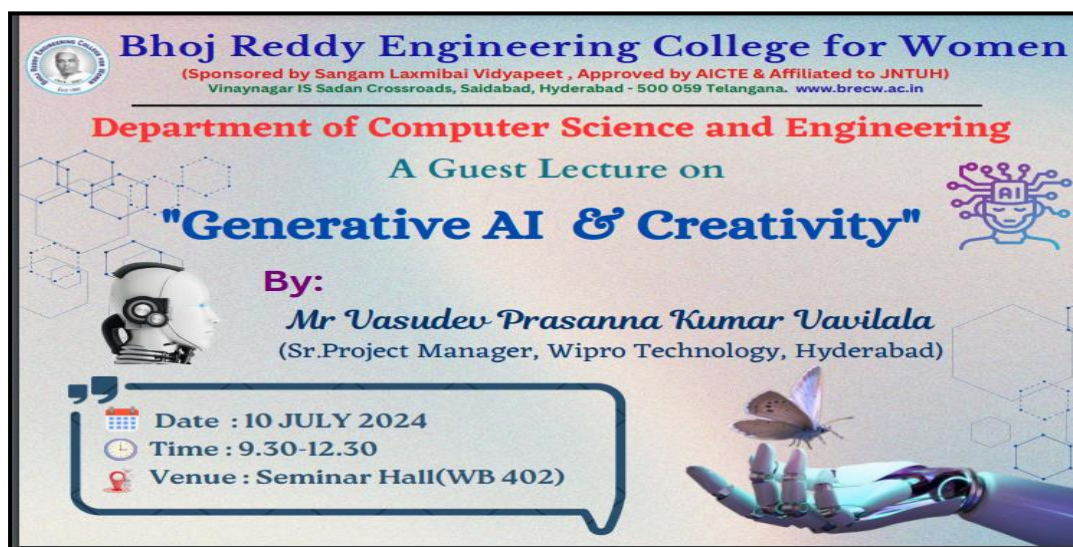
Note:

- 1) The faculty who are handling III B.Tech CSE A and B should mark the attendance as per the timetable.
- 2) All the CSE teaching and non-teaching faculty who do not have class work are requested to attend the guest lecture.

Dr P Deepthi
Seminars & Workshops In-charge

Dr B Raveendranadh Singh
HoD-CSE

Banner:



Activity Report

General Information

Type of Activity	Student Development Program (Foster interaction, Interactive Q&A Session, Case Studies and Real-Life Examples)
Title of the Activity	Guest Lecture
Date/s	10 July 2024
Time	09:30 to 12:30 Hrs
Venue	West Block Seminar Hall (WB-402)
Collaboration/Sponsor (if any)	SLV

Speaker/Guest/Presenter Details

Name	Mr Vasudev Prasanna Kumar Vavilala
Title/Position	Sr.Project Manager
Organization	Wipro Technology
Title of Presentation	“Generative AI and Creativity”

Short Profile of the Resource Person	<p>He has 28+ years of experience in providing solutions for global clients, inspiring them in transformed/modernized technology in building data driven enterprises, Asset Creations, Innovations.</p> <p>Mr Vasudev Prasanna Kumar Vavilala has extensive experience in leading projects that drive technological transformation. He has a proven track record in managing and delivering large-scale projects, demonstrating his expertise in the creation and management of technological assets and innovations.</p>
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Participants Profile

Type of Participants	III B Tech CSE A & B students
No. of Participants	151 { 70 (III CSE A) + 71 (III CSE B) + 10 Staff }

Inaugural Session:	<p>Welcome Address:</p> <p>The event commenced with a warm welcome address, setting a positive tone for the proceedings.</p> <p>Address by HoD-CSE, Dr B Raveendranadh Singh:</p> <p>Dr B Raveendranadh Singh, Head of the Department of CSE, highlighted the significance of the guest lecture topic, "Generative AI and Creativity."</p> <p>He emphasized the importance of understanding and leveraging AI technologies in the current technological landscape.</p> <p>Address by Principal, Dr. J. Madhavan:</p> <p>Dr J Madhavan, Principal, provided an inspiring address, stressing the transformative potential of AI in various fields. He also appreciated the efforts of the CSE department in organizing such informative events for the benefit of the students.</p>
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	<p>Keynote Address by Chief Guest, Mr Vasudev Prasanna Kumar Vavilala:</p> <p>The highlight of the event was the keynote address by the esteemed Chief Guest, Mr. Vasudev Prasanna Kumar Vavilala. He provided an in-depth exploration of "Generative AI and Creativity," discussing the latest advancements, applications, and future trends in the field.</p> <p>His engaging talk included practical examples and insights that captivated the audience, sparking curiosity and enthusiasm among the students.</p>
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<p>Highlights & Summary of the Activity</p>	<p>Introduction to Generative AI:</p> <p>Mr Vasudev Prasanna Kumar Vavilala began by explaining the basics of generative AI, its underlying principles, and how it differs from other AI paradigms.</p> <p>Applications of Generative AI:</p> <p>He discussed various applications of generative AI in fields such as art, music, design, and content creation. Examples included AI-generated artwork, music composition, and automated content generation.</p> <p>Technological Advancements:</p> <p>The lecture delved into recent advancements in generative AI, such as GPT-3 and other state-of-the-art models. Mr. Vasudev Prasanna Kumar Vavilala highlighted their capabilities and potential future developments.</p> <p>Impact on Creativity:</p> <p>One of the core themes of the lecture was how generative AI can enhance human creativity. Mr. Vasudev Prasanna Kumar Vavilala shared insights on how AI can be a collaborative tool for artists, designers, and creators, helping them to explore new ideas and push the boundaries of their work.</p>
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	<p>Ethical Considerations:</p> <p>The talk also addressed ethical considerations surrounding the use of generative AI, including issues of originality, authorship, and potential misuse.</p> <p>Interactive Session:</p> <p>Following the keynote address, an interactive session was held where students had the opportunity to ask questions and engage in discussions with Mr. Vasudev Prasanna Kumar Vavilala. The Q&A session was highly engaging, with students asking insightful questions about the practical applications and future prospects of generative AI.</p>
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<p>Key Take aways</p>	<p>Impact on Creative Industries:</p> <ul style="list-style-type: none"> • Generative AI is transforming creative fields by providing new tools for artists, designers, and writers. • It enhances productivity and can inspire human creators by offering novel ideas and perspectives. <p>Ethical Considerations:</p> <ul style="list-style-type: none"> • The use of generative AI raises questions about authorship and intellectual property. • There are concerns about the potential misuse of AI to create misleading or harmful content, such as deepfakes. <p>Collaboration between AI and Human Creativity:</p> <ul style="list-style-type: none"> • The most effective use of generative AI is in collaboration with human creators. AI can handle repetitive tasks and generate raw material, while humans provide the final creative touch and ethical judgment. • AI can act as a muse, providing new ideas that human artists can build upon and refine.
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	<p>Future Prospects:</p> <ul style="list-style-type: none"> • The future of generative AI holds great potential for innovation in various creative domains. <p>Continuous advancements in AI technology are expected to further enhance the capabilities and applications of generative AI in creativity.</p>
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Follow-up Plan	<ol style="list-style-type: none"> 1. Distribution of Lecture Materials: <ul style="list-style-type: none"> ○ Provide participants with access to Mr. Vasudev Prasanna Kumar Vavilala presentation slides. 2. Feedback Collection: <ul style="list-style-type: none"> ○ Conduct a survey to gather feedback on the lecture and suggestions for future topics. 3. Research Collaboration: <ul style="list-style-type: none"> ○ Encourage interested students and faculty to reach out to Mr. Vasudev Prasanna Kumar Vavilala for potential research collaboration opportunities. 4. Workshops and Seminars: <ul style="list-style-type: none"> ○ Organize follow-up seminars to delve deeper into specific aspects of AI, guided by faculty members and industry experts. <p>By implementing this follow-up plan, we aim to sustain the momentum generated by Mr. Vasudev Prasanna Kumar Vavilala lecture and foster continued learning and collaboration in the field of AI.</p>
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Synopsis of the Activity (Description)

The guest lecture by Mr. Vasudev Prasanna Kumar Vavilala on “Generative AI and Creativity” was highly informative and well-received. Mr. Vasudev Prasanna Kumar Vavilala ability to break down complex concepts and relate them to real-world applications resonated with both students and professionals. The interactive elements, especially the Q&A session and group discussions, fostered a dynamic learning environment. Participants

appreciated his insights into the technical, economic, and policy challenges of AI, as well as his vision for the future AI.

The event concluded with a Q&A Session, allowing attendees to engage with Mr. Vasudev Prasanna Kumar Vavilala and discuss potential collaborations and research opportunities. Overall, the lecture was a significant success, offering valuable knowledge and inspiring the audience to contribute to the advancement of AI.

Report prepared by:

Name of the Organiser	Dr P Deepthi (Incharge Faculty)
Designation/Title	Associate Professor, CSE department
Signature	

Dr P Deepthi
Seminars &
Workshops In-charge

Dr B Raveendranadh Singh
HoD-CSE

G Dayakar Reddy
Vice Principal

Dr J Madhavan
Principal

Geo-Tag Photos:



Fig 1: During Inauguration Session, Ms Harika Student of III CSE giving the Welcome Address



Fig 2: During Inauguration Session, Ms Harika Student of III CSE giving the Welcome Address



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 Long 78.506403°
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 **GPS Map Camera**

Fig 3: Dr B Raveendranadh Singh, Head of the Department of CSE, highlighted the significance of "Generative AI and Creativity."



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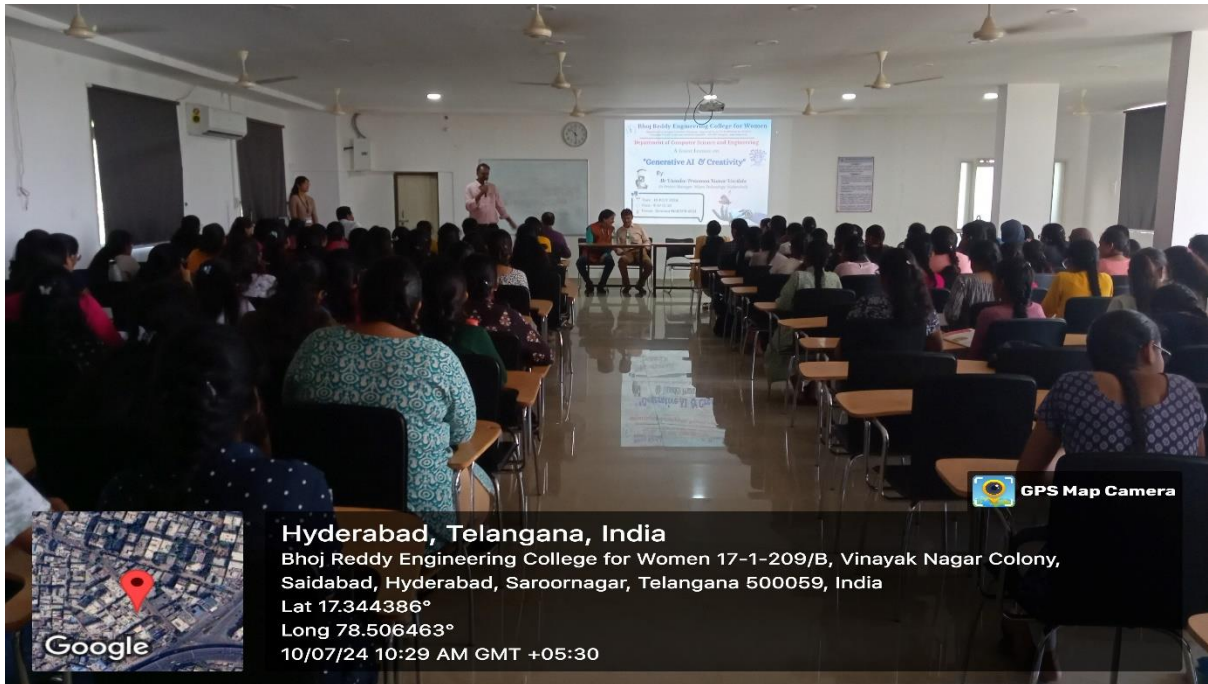
 **GPS Map Camera**

Fig 4: Dr B Raveendranadh Singh, Head of the Department of CSE emphasized the importance of AI technologies



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Fig 5: Dr J Madhavan, Principal, provided an inspiring address, stressing the transformative potential of AI



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Fig 6: Dr J Madhavan, Principal, appreciated the efforts of the CSE department in organizing such informative events.



Fig 7: Dr J Madhavan, Principal presenting Flowerpot to the chief guest Mr Vasudev Prasanna Kumar Vavilala



Fig 8: The chief guest Mr Vasudev Prasanna Kumar Vavilala provided an in-depth exploration of "Generative AI and Creativity,"



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Fig 9: The chief guest Mr Vasudev Prasanna Kumar Vavilala delivering the basics of generative AI and its underlying principles



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Fig 10: III CSE students involved in the guest lecture



Fig 11: III CSE Students and Staff listening to the Guest Lecture



Fig 12: III CSE Students and Staff listening to the Guest Lecture



Fig 13: III CSE A Students with the Chief Guest, HoD-CSE and CSE Staff



Fig 14: III CSE B Students with the Chief Guest, HoD-CSE and CSE Staff