University of Mysore

Department of Studies in Library and Information Science
Manasagangotri, Mysuru 570006

A report on the special lecture on "ChatGPT and Academic Writing"
(August 16, 2023)

Invitation for the special lecture

University of Mysore

Department of Studies in Library and Information Science
Department of Studies in Journalism and Mass Communication
Department of Studies in English
Department of Studies in Computer Science

A special lecture on

ChatGPT and Academic Writing

Speaker
Dr. Shalini R. Urs
Former Professor, DoS in LIS, University of Mysore

Presided over by
Dr. Muzaffar H. Assadi
Professor
DoS in Political Science. University of Mysore

Presence

Prof. Sapna M.S.
Chairperson
DoS in Journalism and Mass Communication

Prof. H. S. Nagendraswamy
Chairman
DoS in Computer Science

August 16, 2023@ 11:00AM

Venue: Vijnana Bhavan Auditorium
Manasagangotri, Mysuru

All are cordially invited

Prof. N.S. Harinarayana
Chairman, DoS in LIS

Faculty Members, Staff, Researchers & Students of Collaborating Departments

About the Topic

ChatGPT Is undoubtedly the flavor of the times. Not a single day passes without some media headlines about its power and potential and the dangers that lurk around the use of ChatGPT. It is not without reason. ChatGPT (Chat Generative Pre-Trained Transformer) is a large language model-based chatbot developed by OpenAI and launched on November 30, 2022; it is grabbing so much attention because it is free and can generate an answer to almost any question it is asked. ChatGPT or Generative artificial intelligence (AI) are algorithms that can create new content—audio, code, images, text, simulations, and videos. Rapid advancements in the field have and will drastically change how we approach content creation, including academic writing. One can unleash the power of generative AI and see what unique creations one can come up with.

The technology that drives ChatGPT is Large Language Models (LLMs). LLMs are recent advances in deep learning models working on human languages. They are characterized by emergent properties enabled by their large size and ability to perform a variety of natural language processing (NLP) tasks, such as generating and classifying text, answering questions conversationally, and translating text from one language to another. They are built with artificial neural networks, (pre-)trained using self-supervised learning and semi-supervised learning, typically containing tens of millions to billions of weights. The label "large" comes from the number of values (parameters) the language model can change autonomously as it learns. Some of the most successful LLMs have hundreds of billions of parameters.

Academic/scholarly writing communicates ideas, information, and research to the broader academic community and is the most critical ability in academic contexts. Academic writing is usually categorized into two types—student and expert. It is also the most challenging skill for most students to master. Both types of academic writing (student and expert) have the same features and are expected to adhere to the same standards and processes. It is a difficult task that requires clarity, precision, and rigor. It also involves much research, analysis, and synthesis of information from various sources.

Artificial intelligence can assist in several aspects of academic work. It can process and analyze large amounts of data; perform a comprehensive literature review by searching and summarizing relevant papers and articles; help optimize the design of experiments; and assist in writing reports. ChatGPT can help in generating ideas and hypotheses; finding relevant literature; citation management; writing essays with the requisite tonality and reader engagement, along with comments and feedback.

In this talk, I will take the audience through the workflow, processes, and standards of academic writing and then demonstrate how one can use ChatGPT as a virtual assistant to overcome writer's block and turbocharge to enhance the speed and effectiveness of academic writing. The talk will also provide a brief overview of the technologies, such as LLMs, that are driving the Generative AI, such as ChatGPT, and how one could deploy this incredible tool to enhance the quality of academic writing without compromising on ethics and integrity of academic work.

About the Speaker

Dr. Shalini R Urs is an internationally recognized academic who began her academic career forty-five years ago. She joined the University of Mysore as a faculty member in Library and Information Science in 1976. She is an institution builder whose brainchild is the International School of Information Management (www.isim.ac.in)—the first Information School in India, as an autonomous constituent unit of the University of Mysore in 2005 with funding from the Ford Foundation. She also led the founding of the MYRA School of Business (www.myra.ac.in) in 2012.

She has served as a UNESCO expert several times in the last 25 years and was commissioned to conduct many studies in the last twenty years. Her contributions have won her several awards.

She is currently a Board member of the Gooru India Foundation (https://gooru.org/about/team). She is actively involved in implementing the Gooru Learning Platform in India and building the Indian Learning Collective.

Dr. Shalini Urs is the Associate Editor of Information Matters (https://informationmatters.org/), a digital-only communication open forum for information science sponsored by the Association for Information Science & Technology (ASIS&T). She conceptualized and hosts a video podcast series called InfoFire, a fireside chat series interviewing internationally acclaimed researchers and experts, and has so far published 15 episodes (https://informationmatters.org/infofire/).

She was a Fulbright scholar and a visiting professor at the Department of Computer Science, Virginia Tech, the USA, during 2000 - 2001; an adjunct faculty at the International Institute of Information Technology, Bangalore (IIITB) during 2005-2007; and a visiting professor at the Documentation Research and Training Centre, Indian Statistical Institute, Bangalore during 1998 and 1999.

Passionate and dedicated to digital scholarship, she has led many digital initiatives in India. She pioneered the Electronic Theses and Dissertations Movement in India in 2000 and won the Microsoft Grant for implementing UNICODE for Indian Languages in 2003. She won the Adobe Leadership Award in 2004. She conceptualized and developed the Vidyanidhi Digital Library and eScholarship portal (www.vidyanidhi.org.in) in 2000 with funding from the Government of India, which became a national initiative with further funding from the Ford Foundation. She built an online digital library in 2000, much before the digital era captured the imagination in India.

As an information scientist, Dr. Shalini Urs takes a 360-degree view of information and has researched issues ranging from the theoretical foundations of information sciences to Informatics. Her research areas include eLearning and digital libraries, Ontology Development, and Social Network Analysis. She has published nearly 200 papers in international journals and peer-reviewed conference proceedings by Springer, Emerald, and others.

Dr. Shalini Urs has won many awards—including the Adobe-NDLTD - Leadership Award in 2004 and; Emerald Research Fund Award 2007-08. She was awarded the Mortenson Distinguished Lecturer 2010 by the University of Illinois Urbana Champaign, USA. She was conferred with the Women Leadership Award by Dewang Mehta Business School in 2014 and the Education Evangelist Award of India by Skill Tree Foundation in 2015 for her outstanding contribution to higher education.

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ChatGPT reduces the language ability and critical thinking of students and academicians

Prof. Shalini R. Urs, former Professor of Library and Information Science at the University of Mysore, addressed the gathering during a collaborative special lecture on "ChatGPT and Academic Writing." The event, organized jointly by the Departments of Library and Information Science, Journalism and Mass Communication, English, and Computer Science, took place at Vijnana Bhavana, Manasagangotri of the University of Mysore. Attendees included a large number of students, researchers, faculty, and staff.

Prof. Shalini R. Urs discussed the captivating topic of "ChatGPT and Academic Writing" during her presentation. She emphasized the growing prominence of ChatGPT, an AI chatbot developed by OpenAI, capable of generating responses to diverse questions. The technology's swift emergence and ability to create various content types, including text, images, and code, have captured attention, transforming content creation, including academic writing.

Prof. Urs detailed the underpinning technology driving ChatGPT—Large Language Models (LLMs). These models, driven by large-scale artificial neural networks, excel in natural language processing tasks, like text generation and classification. With billions of parameters, LLMs display remarkable capabilities.

Academic writing, vital for scholarly communication, was explored by Prof. Urs. She discussed the two types: student and expert academic writing, both demanding precision, research, and clarity. Prof. Urs highlighted AI's potential in enhancing academic tasks, including data analysis, literature review, and experiment design optimization. ChatGPT, specifically, can assist in generating ideas, managing citations, and refining essay writing.

The talk not only elucidated the academic writing process but also showcased ChatGPT's role as a virtual assistant to boost efficiency. Prof. Urs stressed the ethical use of AI tools to elevate academic

writing   while   upholding   integrity   and   ethics.

During his presidential speech, Prof. Muzaffer H. Assadi of the Department of Political Science and In-Charge Chairman of Department of English emphasized that society should make the most of the advantages presented by AI. However, there are clear and evident threats that have already surfaced in our communities. AI technology has the potential to create a division within society, categorizing individuals into those who possess AI-related advantages and those who do not.

The impact of AI on our existing civilization, which centers around human affairs, is compared to the solemn toll of a death bell. The power of AI is so immense that it is being likened to a new revolution, emerging subsequent to the scientific revolution that shaped our world. Nevertheless, this technological advance comes with adverse effects, particularly in the job market and for the workforce.

The commencement of AI-based news anchoring is merely the initial stage of a much larger transformation. It represents just a small fraction of the changes that AI is bringing to various sectors. This shift has been acknowledged as the tip of the iceberg, implying that there is much more to uncover beneath the surface.

Prof. Assadi issued a cautionary piece of advice to students. He stressed the importance of using ChatGPT, and similar AI tools, judiciously and with careful consideration. This counsel stems from the understanding that while AI can be a powerful tool, it also requires responsible handling to navigate its potential drawbacks and unintended consequences.

Prof. N.S. Harinarayana, Chairman of the Department of Library and Information Science, led discussions on the topic by delving into the controversy surrounding ChatGPT and Academic Writing". He highlighted the clash between traditional academic methods and advanced AI technology, addressing the potential impact of ChatGPT on the authenticity of academic writing. Prof. Harinarayana noted concerns about reduced critical thinking, blurring of human and machine-generated content, and ethical considerations. He emphasized the importance of balancing technological progress with the integrity of scholarly endeavors.

Prof. H.S.Nagendraswamy, Chairman, Department of Studies in Computer Science, Prof. Sapna M.S., Chairman, Department of Studies in Journalism and Mass Communication and Prof. Chandrashekara M from the Department of Studies in Library and Information Science were among the attendees.

LIST OF PARTICIPANTS

A Special Lecture on "ChatGPT and Academic Writing"
Venue: Vijnana Bhavana Date: 16-08-2023

Sl. No.	Name	Department	Signature
1	ANURADHA NANDAKUMAR	PDC, IWD 318	Anuradha N.K.
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5	Dr. S. Krishnaveni	DOS in Physics	Krishna
6	Kavya K. M	DOS in Physics	Kavi KM.
7	Rakshitha N	DOS in Lib & Info Sc.	Rakshitha N.
8	Asha. S	DOS in Lib Info. Sc.	Asha. S
9	Veereroba. A.V	DOS in Lib & Info Sci	A.
10	Venkatesha. S	DOS information scie	
11	Santhosh. S.	DOS information-Science	Santhosh. S
12	Pramod Chaturvedhi K.M.	DOS Library & Information Scie	Chakurthi K.M.
13	Somasla	DOS. MLISc	Sooool
14	Raghu K.	DOS MLISc	R
15	Manoj Kumar CV	DOS. Library & Information Sc	Moj.V
16	Deekshitha G.	DOS. MLISc	Deekitha G.
17	Lakshmi. G.	DOS. MLISc	Lakshmi G.
18	Sushmitha M.	D.S. MLISc	Sushmitha M
19	Bhavani S.	DOS MLSSc	Bhav
20	Sudeep D.K.	DOS. MLISc	Sud.
21	Arygappa V.	DOS. MLISc	Arygapp V.
22	Sampath SP	DOS MLISc	S.P.
23	Abdul Ameen Rasith	PhD MGT faculty	
24	Dr. Shobha. M.	DOS in Biotechnology	16/03/2023
25	Nagendra S.	DOS in Library and Info	Nag
26	Pruthvi J.D.	DOS in MLISc	
27	PAVAN BN	DOS in MLISC	
28	Banusha M.P	DOS in MLISC	P
29	BASAVARAJU. M	DOS in MLISc	R

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33	Mahadevaswamy M	DOS Library Science	AV
34	Kavana	Journalism & mass com Walk	Kavi
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37	Shishir Lohith	Journalism of mass comu	SSS
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39	Vijayalakshmi R	Journalism	R
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42	Parvathi. N.	JMC.	P
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44	Moustapha A Abdoulaye	CS	
45	B.S Chandrashekar	Department of statistics in Computer Science	
46	Sweekar	Political Science	
47	Pooja S.N		Pooja
48	Sumithi	"	Chow
49	Manjunath	"	
50	Vandakshmi. M	DOS in JMC	Vandakshi. M
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53	Harshitha M	MLISc	
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55	Dr. Naveena. N	DOS in JMC	N.V.S
56	Vijayalakshmi M.R	DOS in MLISc	Vijayalakshmi M.R
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05	Mahesha. M.C	DOS in C.S.	Ewtoppy @op
06	Maheshwari.s	DOS in CS	Mahes. S
07	Sanjay. S	DOS in CS	Sanja
08	Bhavanand	DOS in CS	Bhavanand
09	Meena. L	Guest faculty DOS in CS	
10	Navya B. J	Guest faculty DOS in	
11	Jeevan Kumar. A	DOS in English	
12	Bharath S Jadhav	Dos in English	Barth S
13	Indra Mohan. U	Dos in English	indramohan
14	KEERTHI KIRAN U.C	Dos in English	Keerthi U/c
15	MEERA. S	Dos in ENGLISH	s.m
16	L. Bidyaluxmi Devi	DOS in English	Bidyaluxmi
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18	Anusha. P	DOS in CS	Anusha P
19	Drucher. M	DOS in English	
20	Saumya. H	DOS in Statistics	
21	Sahana. G.	DOS in English	Sahana G.
22	Thejaswi. K.H.	Dos in English	Tejaswy k.H.
23	Meghana H.K	DOS in CS	Meghana
24	Padmavathi	DOS in CS	Padmavathi
25	Srinivas prasad M.H	DOS in English	Sri
26	Shashi kumara. D.S	Dos in English	
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28	Poornima S Bhasadwaj	Dos in English	Poornima
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32	Preethi. N	DOS in Journalism	Pree
33	Ananya	DOS in CS	
34	SYED AHAMED	DOS in CS	Syed ahamed
35	Amithgowda. M.H	DOS in CS	Amith gowda m.H
36	Praveen BS	DOS in CS	Praveen B.S
37	HRuthin. HP	Dos in JMC	Hruthin.
38	Adharsh NR	DOS in JMC	
39	Hayatullah	DOS in JMC	
40	AACHID Belkre	DOS in JMC	
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42	Manoj Kumar C S	DOS in CS	
43	Sachin Patil	DOS in CS	
44	Pooja H S	Dos in CS	
45	Priya V N	Dos in CS	Priya N
46	Deekshith Nair	DOS in Journal	Deekshi Nu
47	M. Dhulatavani.	"	N. Dhula
48	Rakesh. M		Rakesh
49	Rochai K.J	DOS in English	
50	Santhosh A.	DOS in LIS	

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09	Nagarathna T. M	Computer Science	Nagarathna TM
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25)	Manikanta P	Dept of Journalism	Mani. P
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35.	Kumar Naik	DOS Political science	Kumar Naik
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37	Manjunchethan. N	DOS in CS	16/1/23
38	Sharath kumar G.N.	DOS in CS	
39	Somanna. M	DOS in CS	Somu
40.	RAJASHEKARA. M	DOS in Cs.	R 16/08/23
41.	ANUSHREE. S	DOS JMC	
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43.	Vinod. H.S	DOS IN JMC	Vinu
44	Bhaskar Rijut	DOS Int JMC	B Rijut
45	Dr. Suresha	DOS in C.S	B.L
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48.	Monika. K.	DOS in English	Monika
49.	Prathiksha Afra	DOS in English	
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20	Devika S. Kumar	DOS in LIS	Devika
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23	Maheshwari	DOS in MLISc	Maheshwari
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25	Sindhu G	DOS in MLISc	S G
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38	Maheshbabu. H	— || —	
39	Maharshganthesh	— || —	
40	Muhammed Swalih. k	— || —	
41	Manjunatha K.S.	Dos Journalism	
42	Bharathi. H.C.	DOS in Journalism	
43	Divyashri. H.M	DOS in Journalism	
44	Bhoomika G.D		Bitika.
45	Bitika Kanchan	Dos in Journalism	
46	Chikku Balachandran	Dept of LIS	Niveditha B.
47	Niveditha B.	Dept of LIS	
48		THC	
49	Bhoomika. B.S	DOS Journalism	
50	Pushpalatha	DOS Journalism	
51	Theja. S.	DOS JSM	
52	Maheshbabu H	Dos. JMC	
53	SHWETHA. C	DOS. Journalism and mass comm	Bhuip
54	BHARATHI. P	Dos. JMC	Pavithramp
55	Pavithra M.S	Dos. JMC	Aspitha MN
56	Aspitha N.N.	DOS JMC	
57	Divya. S.	DOS in CS	
58	Prof D.S Guru	DOS in CS	
59	Dr. SANTOSH R	Dos in Economics	Santosh R

'ಚಾಟ್‌ಜಿಪಿಟಿ' ತಂತ್ರಾಂಶದ ಇತಿಮಿತಿ ಬಳಕೆ ಸೂಕ್ತ

ಮೈಸೂರು ವಿವಿ ಗ್ರಂಥಾಲಯ ವಿಭಾಗದ ನಿವೃತ್ತ ಪ್ರಾಧ್ಯಾಪಕಿ ಪ್ರೊ.ಶಾಲಿನಿ ಆರ್.ಅರಸ್ ಅಭಿಮತ

ಮೈಸೂರು, ಆ.16(ಪಿಎಂ)–'ಚಾಟ್‌ಜಿಪಿಟಿ' ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ ತಂತ್ರಾಂಶವು ಶೈಕ್ಷಣಿಕ ಕ್ಷೇತ್ರದಲ್ಲೂ ತನ್ನದೇ ಆದ ವಿಶಿಷ್ಟ ಛಾಪು ಮೂಡಿಸಿದೆ. ಆದರೆ ಅದರ ಇತಿಮಿತಿ ಪರಿಜ್ಞಾನದೊಂದಿಗೆ ಬಳಕೆ ಮಾಡುವುದು ಸೂಕ್ತ ಎಂದು ಮೈಸೂರು ವಿವಿ ಗ್ರಂಥಾಲಯ ಮತ್ತು ಮಾಹಿತಿ ವಿಜ್ಞಾನ ಅಧ್ಯಯನ ವಿಭಾಗದ ನಿವೃತ್ತ ಪ್ರಾಧ್ಯಾಪಕಿ ಪ್ರೊ.ಶಾಲಿನಿ ಆರ್.ಅರಸ್ ಅಭಿಪ್ರಾಯಪಟ್ಟರು.

ಮೈಸೂರಿನ ಮಾನಸಗಂಗೋತ್ರಿಯ ವಿಜ್ಞಾನ ಭವನದ ಸಭಾಂಗಣದಲ್ಲಿ ಮೈಸೂರು ವಿವಿಯ ಗ್ರಂಥಾಲಯ ಮತ್ತು ಮಾಹಿತಿ ವಿಜ್ಞಾನ ಅಧ್ಯಯನ ವಿಭಾಗ, ಪತ್ರಿಕೋದ್ಯಮ ಮತ್ತು ಸಂವಹನ ಅಧ್ಯಯನ ವಿಭಾಗ, ಇಂಗ್ಲಿಷ್ ಅಧ್ಯಯನ ವಿಭಾಗ ಹಾಗೂ ಗಣಕಯಂತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗದ ಸಂಯುಕ್ತಾಶ್ರಯದಲ್ಲಿ ಬುಧವಾರ ಹಮ್ಮಿಕೊಂಡಿದ್ದ 'ಚಾಟ್‌ಜಿಪಿಟಿ ಮತ್ತು ಶೈಕ್ಷಣಿಕ ಬರವಣಿಗೆ' ಕುರಿತ ವಿಶೇಷ ಉಪನ್ಯಾಸದಲ್ಲಿ ಅವರು ಮಾತನಾಡಿದರು.

'ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ (ಎಐ) ತಂತ್ರಾಂಶ ವ್ಯವಸ್ಥೆಯಲ್ಲಿ 'ಚಾಟ್‌ಜಿಪಿಟಿ' ಒಂದಾಗಿದೆ. ಕೃತಕ ಬುದ್ಧಿ ಮತ್ತೆಯ ತಂತ್ರಾಂಶಗಳು ಹೊಸ ಪಠ್ಯಗಳನ್ನು ರಚಿಸುವ ಸಾಮರ್ಥ್ಯ ಹೊಂದಿವೆ. ಪ್ರಬಂಧಗಳನ್ನು ಬರೆಯಲು ಮತ್ತು ವಿದ್ಯಾರ್ಥಿಪೂರ್ಣ ಲೇಖನಗಳು ಹಾಗೂ ಪುಸ್ತಕಗಳ ಬರವಣಿಗೆಗೆ ಇವು ಸಹಕಾರಿ. ವಿವಿಧ ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ನಿಯೋಜಿತ ಕಾರ್ಯಗಳನ್ನು ಪೂರ್ಣ ಗೊಳಿಸಲು ಕೃತಕಬುದ್ಧಿಮತ್ತೆಯ ತಂತ್ರಾಂಶದ ಬಳಕೆ ಹೆಚ್ಚುತ್ತಿದೆ. ಇಂತಹ ಅಭ್ಯಾಸಗಳು ಶೈಕ್ಷಣಿಕ ವಲಯ ದಲ್ಲೂ ಹೆಚ್ಚುತ್ತಿದೆ ಎಂದು ಹೇಳಿದರು.

ಪುಸ್ತಕಗಳು, ಲೇಖನಗಳು ಮತ್ತು ಅಂತರ್ಜಾಲ ಒಳಗೊಂಡಂತೆ ವೈವಿಧ್ಯಮಯ ಶ್ರೇಣಿಯ ಸಾಧನ ವಾಗಿ ಚಾಟ್‌ಜಿಪಿಟಿ ತಂತ್ರಾಂಶವು ಬಳಕೆಯಾಗು ತ್ತಿದೆ. ನಮ್ಮ ವಿವಿಧ ರೀತಿಯ ಅಪೇಕ್ಷೆಗಳು ಹಾಗೂ ಪ್ರಶ್ನೆಗಳನ್ನು ಅರ್ಥಮಾಡಿಕೊಂಡು ಇದು ಪ್ರತಿಕ್ರಿಯೆ ಸುತ್ತದೆ. ಇದು ಬುದ್ಧಿವಂತರು ಮತ್ತಷ್ಟು ಚುರುಕಾ ಗಲು ಸಹಾಯ ಮಾಡುತ್ತದೆ. ಆದರೆ ವಿದ್ಯಾರ್ಥಿಗಳ ಕಲಿಕೆಯ ಮೇಲೆ ನಕಾರಾತ್ಮಕ ಪರಿಣಾಮ ಸಹ ಉಂಟು ಮಾಡಬಹುದು. ನಾವು ಅಪೇಕ್ಷಿಸುವ ಹಾಗೂ ಪ್ರಶ್ನಿಸುವ ಬಗ್ಗೆ ಚಾಟ್‌ಜಿಪಿಟಿ ವ್ಯಾಪಕ ಪ್ರತಿಕ್ರಿಯೆ ಗಳನ್ನು ನೀಡುಬಹುದಾದರೂ ಪ್ರತಿ ಪ್ರತಿಕ್ರಿಯೆಯೂ ವಿಶಿಷ್ಟ ಎಂಬುದಕ್ಕೆ ಖಾತರಿ ಇಲ್ಲ. ಇದು ಪ್ರಮುಖ ನ್ಯೂನತೆಯಾಗಿದೆ ಎಂದು ವಿವರಿಸಿದರು.

ಚಾಟ್‌ಜಿಪಿಟಿಯನ್ನು, ಶೈಕ್ಷಣಿಕ ಕಾರ್ಯಗಳಿಗೆ ಸಹಾಯಕವಾಗಿ ಬಳಸಬೇಕು. ಸಂಶೋಧನೆಗಳ ಮೌಲ್ಯ ವರ್ಧನೆಗೆ ಇದು ಸಹಕಾರಿ. ಆದರೆ ಅದರ ಮಾಹಿತಿ ಗಳೇ ಅಂತಿಮ ಎಂದು ಪರಿಗಣಿಸಬಾರದು. ಅವು ತಾಜಾತನದಿಂದ ಕೂಡಿರುವ ಬಗ್ಗೆ ಯಾವುದೇ ಖಾತರಿ ಇರುವುದಿಲ್ಲ. ಸಂಶೋಧಕ ಅಥವಾ ಲೇಖ ಕನ ಭಾವನೆಗಳನ್ನು ಗ್ರಹಿಸಲು ಸಾಧ್ಯವಾಗದಿರು ವುದೂ ಇದೆ. ಹಾಗಾಗಿ ಯಾವುದೇ ಕೃತಕ ಬುದ್ಧಿ ಮತ್ತೆ ತಂತ್ರಾಂಶವಾದರೂ ಅವುಗಳ ಇತಿಮಿತಿ ಗ್ರಹಿಸಿ ಸೂಕ್ತ ರೀತಿಯಲ್ಲಿ ಬಳಸುವುದು ಮುಖ್ಯ ಎಂದರು.

ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದ ಮೈಸೂರು ವಿವಿ ರಾಜ್ಯಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕ ಪ್ರೊ.ಮುಜಾಫರ್ ಅಸ್ಸಾದಿ ಮಾತನಾಡಿ, ಚಾಟ್‌ಜಿಪಿಟಿ ಸೇರಿ ದಂತೆ ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ ತಂತ್ರಾಂಶ ಬಳಕೆಯನ್ನು ತಳ್ಳಿ ಹಾಕುವಂತಿಲ್ಲ. ಆದರೆ ಅವುಗಳ ಬಳಕೆಯು ಜಾಗತಿಕ ಮಟ್ಟದಲ್ಲಿ ಮಾನವನ ಮೂಲ ಸಂಸ್ಕೃತಿಗೆ ಧಕ್ಕೆ ಉಂಟು ಮಾಡುವಂತೆ ಇರಬಾರದು. ಹಾಗಾಗಿ ಅದರಲ್ಲೇ ಕಳೆದು ಹೋಗದಂತಹ ಎಚ್ಚರಿಕೆಯೂ ಅಗತ್ಯ. ತಂತ್ರಜ್ಞಾನವು ಮಾನವನ ಬದುಕಿಗೆ ಮಾರಕ

> 1950ರ ದಶಕದಲ್ಲಿ 'ಥಿಂಕಿಂಗ್ ಮೆಷಿನ್' ಆವಿಷ್ಕಾರದ ಪ್ರಕ್ರಿಯೆಗಳು ಪ್ರಾರಂಭಗೊಂಡವು. ಆದರೆ ಕಳೆದೆರಡು ವರ್ಷ ಗಳಿಂದ ಇದು ಹೆಚ್ಚು ಗಮನ ಸೆಳೆಯುವಂತಾ ಗಿದೆ. 2022ರಲ್ಲಿ ಚಾಟ್‌ಜಿಪಿಟಿ ಬಿಡುಗಡೆಯು ಈ ನಿಟ್ಟಿನಲ್ಲಿ ಪ್ರಮುಖ ಅಂಶ ಎಂದು ಪರಿಗಣಿಸ ಬಹುದು. ಇದು ಭವಿಷ್ಯದಲ್ಲಿ ಮತ್ತಷ್ಟು ವೇಗವಾಗಿ ಬೆಳೆವಣಿಗೆ ಕಾಣುತ್ತದೆ ಎನ್ನಲಾಗುತ್ತಿದೆ. ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ (ಎಐ) ಎಂಬುದು ಯಂತ್ರಗಳಿಂದ, ವಿಶೇಷವಾಗಿ ಕಂಪ್ಯೂಟರ್ ವ್ಯವಸ್ಥೆಗಳು ಮಾನವನ ಬುದ್ಧಿಮತ್ತೆ ಪ್ರಕ್ರಿಯೆಯನ್ನು ಅನುಕರಣೆ ಮಾಡು ವುದಾಗಿದೆ. ಇದು ಕಂಪ್ಯೂಟರ್ ವಿಜ್ಞಾನದ ಒಂದು ವ್ಯಾಪಕ ಶಾಖೆಯಾಗಿದ್ದು, ಸಾಮಾನ್ಯವಾಗಿ ಮಾನವನ ಬುದ್ಧಿವಂತಿಕೆಯ ಅಗತ್ಯವಿರುವ ಕಾರ್ಯಗಳನ್ನು ನಿರ್ವಹಿಸುವ ಸಾಮರ್ಥ್ಯ ವನ್ನು ಹೊಂದಿರುವ ಸ್ಮಾರ್ಟ್ ಯಂತ್ರಗಳು ಇವಾಗಿವೆ. –ಪ್ರೊ. ಶಾಲಿನಿ ಆರ್. ಅರಸ್

ವಾಗಿರಬೇಕೇ ಹೊರತು ಮಾರಕವಾಗಿರಬಾರದು. ಈ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಅದರ ಸಮತೋಲನ ಬಳಕೆಯ ಜ್ಞಾನ ನಮ್ಮಲ್ಲಿರಬೇಕು ಎಂದು ಹೇಳಿದರು.

ಮೈಸೂರು ವಿವಿ ಪತ್ರಿಕೋದ್ಯಮ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥೆ ಪ್ರೊ.ಎಂ.ಎಸ್.ಸಪ್ನ, ಗಣಕಯಂತ್ರ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಪ್ರೊ.ಹೆಚ್.ಎಸ್.ನಾಗೇಂದ್ರ ಸ್ವಾಮಿ, ಗ್ರಂಥಾಲಯ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಪ್ರೊ.ಎಸ್.ಎಸ್.ಹರಿನಾರಾಯಣ ಸೇರಿದಂತೆ ಈ ಎಲ್ಲ ವಿಭಾಗಗಳ ವಿದ್ಯಾರ್ಥಿಗಳು ಹಾಜರಿದ್ದರು.

Ethical usage of ChatGPT can aid academics, learning

Special lecture on OpenAI's tool and its impact on academic writing, limitations

Mysuru, Aug. 21 (PM&BCT)- ChatGPT has the potential to revolutionise the realms of education, research and academia owing to its advanced natural language processing capabilities, according to the insights shared by Prof. Shalini R. Urs, former Professor of Library and Information Science at the University of Mysore.

She was speaking recently at a special lecture titled 'ChatGPT and Academic Writing' jointly organised by the Departments of Library and Information Science, Journalism and Mass Communication, English, and Computer Science at Vijnana Bhavana, Manasagangothri.

In her lecture, Prof. Shalini Urs raised awareness about the potential influence of ChatGPT, an AI chatbot created by OpenAI. This chatbot is proficient in generating responses to diverse inquiries and has garnered attention due to its rapid emergence and multifaceted content creation capabilities encompassing text, images and code. She highlighted the transformative effect on content creation, including academic writing, facilitated by this technology.

The core technology that propels ChatGPT is the concept of Large Language Models (LLMs). These models, powered by extensive artificial neural

Prof. Shalini R. Urs, former Professor of Library and Information Science at the University of Mysore, delivering a lecture at Vijnana Bhavana in Manasagangothri Campus here recently. Picture right shows a section of audience.

networks, excel in tasks related to natural language processing, such as generating text and performing classification. Leveraging billions of parameters, LLMs exhibit remarkable capabilities.

Prof. Shalini Urs delved into the realm of academic writing, a critical component of scholarly communication. She elucidated the two distinct types: Student and expert academic writing, both necessitating precision, research and lucidity. The potential of AI in enhancing academic tasks, including data analysis, literature review and experiment design and optimisation was underscored. Notably, ChatGPT

has the capacity to aid in idea generation, citation management and essay refinement.

The presentation not only demystified the academic writing process but also underscored the role of ChatGPT as a virtual assistant for amplifying efficiency. Prof. Shalini Urs emphasised the ethical utilisation of AI tools to augment academic writing endeavours while upholding integrity and ethical standards.

During his keynote speech, Prof. Muzaffar H. Assadi from the Department of Political Science and In-Charge Chairman of the Department of English, underlined the imperative of harnessing the advantages offered by AI for societal progress. However, he cautioned against the evident threats that have emerged within communities.

Prof. Assadi pointed out that AI has the potential to exacerbate societal divisions, creating a dichotomy between individuals with AI-related advantages

and those without.

The impact of AI on existing civilisation, which revolves around human affairs, has been likened to the solemn toll of a funeral bell. The power of AI is so immense that it's being equated to a new revolution, succeeding the scientific revolution that has shaped our world.

Nevertheless, this technological leap is accompanied by adverse effects, particularly concerning the job market and workforce. The advent of AI-driven news anchoring is just the initial phase of a much broader transformation. It represents a mere fraction of the changes AI is poised to bring to diverse sectors.

This transition is often referred to as the tip of the iceberg, implying that there's a substantial depth of change lying beneath the surface. Prof. Assadi provided a prudent piece of advice to students, stressing the judicious and thoughtful

use of ChatGPT and similar AI tools. This counsel stems from the recognition that while AI can be a potent asset, it requires responsible handling to navigate potential pitfalls and unintended consequences.

Prof. N.S. Harinarayana, Chairman of the Department of Library and Information Science, facilitated the discussion and shed light on the clash between traditional academic methods and advanced AI technology, addressing concerns about the potential impact of ChatGPT on the authenticity of academic writing.

The event also saw participation from Prof. H.S. Nagendraswamy, Chairman of the Department of Studies in Computer Science, Prof. M.S. Sapna, Chairman of the Department of Studies in Journalism and Mass Communication and Prof. M. Chandrashekara from the Department of Studies in Library and Information Science.

Two-day saree expo begins

Expert flags concerns over use of ChatGPT in academia

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STATING that ChatGPT, an artificial intelligence tool, making waves in the academic sphere, former professor department of students in Library and information science, University of Mysore, Dr Shalini R Urs said there are growing concerns over usage of the tool in academia.

Speaking during a special lecture on 'ChatGPT and Academic Writing' organised by the department of studies in Library and Information Science, Department of Studies in Journalism and Mass Communication of the UoM here on Wednesday, Dr Shalini said the artificial intelligence tool is capable of generating new texts, writing essays and supporting the writing f scholarly articles and books.

"There have been rise is usage these tools to complete the as- gnments and such practices s resulted in rising concerns

Retired UoM Prof Dr Shalini R Urs speaks on ChatGPT and Academic Writing in Mysuru

over its usage in the academics. The ChatGPT tool is trained on a diverse range of internet text, including books, articles, and websites and is able to understand and respond to a wide variety of prompts and questions. It helps the smart to be the smarter but there have been negative impacts on students learning," she said.

She pointed out that while ChatGPT can produce a wide range of responses to a given prompt or question, it is not guaranteed that every response will be unique which is the major drawback and the author or the references from where it is outsourced is not mentioned.

In some cases, ChatGPT may generate text that is very similar or identical to text it has encountered during training.