

Workshop on GENERATIVE AI

Venue: O.S.H, F.E.T, G.K(D. U)

Date: 29/09/2023

Time: 10:30 AM

Number of Attendees: 200+

Event Coordinator: Deepak Painuli

Student Coordinators: Ankit Parida, Anshuman Rath

The Workshop on Generative AI, conducted by Dr. Mani Madhukar, an IBM specialist with over 15 years of experience in the field, took place at O.S.H, F.E.T, G.K(D.U) on the 29th of September, 2023. The event saw a remarkable turnout of more than 200 attendees, ranging from students to professionals eager to delve into the world of Generative AI.

Introduction and Welcome:

The event commenced with a warm welcome by Dr. Mayank Aggarwal, the Head of the Department of Computer Science and Engineering at F.E.T, G.K(D.U). Dr. Aggarwal's opening words set the stage for an enlightening session on Generative AI.

Session Highlights:

Dr. Mani Madhukar initiated the workshop by providing a comprehensive introduction to Generative AI. He explained that Generative AI is capable of producing text, images, videos, and more. He elucidated this concept by citing popular examples like Chat-GPT and Midjourney. The core of his presentation revolved around the distinction between traditional AI and modern AI, particularly Large Language Models (LLMs). Dr. Madhukar emphasized that LLMs, pre-trained with vast datasets, are better equipped to address a wide array of problems. He astounded the audience by revealing that full integration of modern AI into various industries could potentially increase the global GDP by a staggering 7%.

Dr. Madhukar proceeded to delve into the workings of Transformers in LLMs. He elucidated how Transformers are instrumental in cleaning, filtering, and processing data to create pristine datasets for AI models. The speaker also introduced the concept of prompt engineering, highlighting its significance. He conveyed that without proper prompt or query construction, highly accurate results cannot be expected. He recommended the "Art of Prompt Engineering" course on skillsbuild.org as a valuable resource for honing this skill. Furthermore, Dr. Madhukar showcased various LLM models available on IBM WatsonX.ai cloud services, shedding light on the possibilities and applications of these advanced AI technologies.

Closing Remarks:

The event concluded with a vote of thanks delivered by Dr. Mayank Aggarwal, expressing gratitude to Dr. Mani Madhukar for sharing his expertise and insights. Mr. Anshuman Rath provided a comprehensive summary of the entire workshop, encapsulating the key takeaways and insights gained during the session along with thanking to Mr. Deepak Painuli (Event Coordinator) and Mr. Ankit Parida (Student Coordinator) for their complete coordination & support throughout the event as well.

The Workshop on Generative AI by Dr. Mani Madhukar proved to be an invaluable learning experience for all attendees, leaving them with a deeper understanding of the potential and significance of Generative AI in today's technological landscape. It served as a platform for knowledge sharing and exploration, fostering a greater appreciation for the evolving field of AI.

The poster is for a 'WORKSHOP on Generative AI'. At the top, it mentions 'गुरुकुल कौशिकी (राजीवगण्डीयालय), हरिद्वार, उत्तराखण्ड' and 'Gurukul Kangri (Rajiv Gandhi University), Haridwar, Uttarakhand'. Below this is 'Faculty of Engineering & Technology' and 'Department of Computer Science & Engineering'. The main title 'WORKSHOP on Generative AI' is in large, bold letters. A circular portrait of Dr. Mani Madhukar is on the right. To the left of the portrait, event details are listed: 'FRIDAY 29 September 2023', 'TIME 10:30 am Onwards', and 'VENUE CSE, Seminar Hall, FET GKV'. Below the portrait, it says 'SPEAKER Dr. Mani Madhukar' followed by his credentials: 'PhD in CSE & Executive program in Management, McIntire School Univ of Virginia, Tech Evangelist on Cloud, AI/ML Blockchain IoT'. At the bottom, it lists 'FACULTY COORDINATOR Mr. Deepak Painuli Asst Professor, CSE Department' and 'STUDENT COORDINATOR Ankit Parida & Anshuman Rath'.

Glimpse of the workshop:



29/09/23

Workshop on "Generative AI"

| S.No. | Name | Branch | Yr | Signature |
|-------|---------------------------|---------------|-----------------|---------------------|
| 1 | Abhinandan Vatsalya | CSE | 3 rd | Abhinandan Vatsalya |
| 2 | Ankit Pasida | CSE | 3 rd | Ankit Pasida |
| 3 | Anshuman Rath | CSE | 3 rd | Anshuman Rath |
| 4 | Kumar Abhinav Kant Gautam | CSE | 3 rd | Abhinav |
| 5 | MUHAMMAD OMAIR | ECE | 2 nd | Omair |
| 6 | Gaurav Jaiswar | CSE | 3 rd | Gaurav |
| 7 | Bikram Chandra | CSE | 3 rd | Bikram |
| 8 | Ashish Singh | CSE | 3 rd | Ashish Singh |
| 9 | Ankit Baj | CSE | 3 rd | Ankit Baj |
| 10 | Ashish Kumar | CSE | 3 rd | Ashish K. |
| 11 | Kanishh Saluja | CSE | 3 rd | Kanishh |
| 12 | Arun Kumar | CSE | 3 rd | Arun |
| 13 | Ravi Ranjan Kumar | CSE | 3 rd | Ravi |
| 14 | Alok Ranj | CSE | 3 rd | Alok |
| 15 | Katari Karthik | CSE | 3 rd | Karthik |
| 16 | Manish Sharma | CSE | 3 rd | Manish Sharma |
| 17 | Manish Kumar | CSE | 3 rd | Manish |
| 18 | Suram Deemant | CSE/21630101 | 3 rd | Suram |
| 19 | Anshu Kumar | CSE/216301019 | 3 rd | Anshu |
| 20 | Ajaypal Prajapat-025 | CSE - A | 1 st | Ajaypal |
| 21 | Saurabh Singh - | CSE - A | 3 rd | Saurabh |
| 22 | Saurabh Singh | " | " | S |
| 23 | Piyush Baiswal | " | " | P |
| 24 | Rudra | " | " | R |
| 25 | Rishabh | " | " | R |
| 26 | Mayank | " | " | M |
| 27 | Rishav | " | " | R |
| 28 | Aditya | " | " | A |
| 29 | Parth | " | " | P |
| 30 | Aakash | " | " | A |
| 31 | Alok | " | " | A |

| S.No | Name | Branch | Year | Signature |
|------|-----------------------|--------|----------------------|------------------------|
| 31 | Roham Kumar | CSE | 3 rd | Roham Kumar |
| 32 | Mayank | CSE | 3 rd | Mayank |
| 33 | Aman Jha | CSE(A) | 1 st | Aman Jha |
| 34 | Amritanshu Mishra | CSE(A) | 1 st | Amritanshu |
| 35 | Yash Dwivedi | CSE(C) | 2 nd | Yash |
| 36 | Nirbhay Kumar | CSE(A) | 3 rd | Nirbhay |
| 37 | Ritesh Kumar | CSE(C) | 3 rd | Ritesh |
| 38 | Ankit Kumar Jha | CSE(A) | 3 rd | Ankit |
| 39 | Atul babu | CSE(B) | 3 rd | Atul |
| 40 | Utkarsh Dubey | CSE(C) | 2 nd | Utkarsh Dubey |
| 41 | Prince Prabhakar | CSE(A) | 3 rd | Prince Prabhakar |
| 42 | Kartik | CSE(B) | 3 rd | Kartik |
| 43 | Vashu Mogha | CSE(B) | 3 rd | Vashu |
| 44 | Bhavya Kumar Singh | CSE(B) | 3 rd | Bhavya |
| 45 | Ayush Pal | CSE(A) | 3 rd | Ayush |
| 46 | Atul Babu | CSE(B) | III rd ys | Atul |
| 47 | Shubhang Dutt | CSE(B) | III rd ys | Shubhang |
| 48 | Garven Gupta | CSE(B) | 1 st | Garven |
| 49 | Anshu Kumar | CSE(A) | 1 st | Anshu Kumar |
| 50 | Ritam Mondal | CSE(B) | 3 rd | Ritam Mondal |
| 51 | Ritu Raj | CSE(B) | 3 rd | Ritu |
| 52 | Bikram Ghoshal | CSE | 3 rd | Bikram |
| 53 | Sumit Raj | CSE | 3 rd | Sumit |
| 54 | Hitesh Kumar | CSE | 3 rd | Hitesh |
| 55 | Aman Choudhary | CSE | 3 rd | Aman |
| 56 | Alok Kumar(216320005) | CSE | 3 rd | Alok |
| 57 | Anirudh Chaudhary | CSE | 1 st | Anirudh |
| 58 | Ashutosh Arya | CSE | 1 st | Ashutosh |
| 59 | Abhinandan | CSE | 1 st | Abhinandan |
| 60 | Dhruv Kumar | CSE | 2 nd | Dhruv |

| S.No. | Name | Branch | Year | Signature |
|-------|------------------------|--------|----------------------|--------------------|
| 61 | Gaurav Girdi | CSE | 2nd | Gaurav Girdi |
| 62 | Rishabh Chaurasiya | ECE | 1 st | Rishabh Chaurasiya |
| 63 | Yashwanth | ME | 1 st Year | Yashwanth |
| 64 | K. Harsh Vardhan | CSE | 1 st year | K. |
| 65 | S. Naveen | CSE | 1 st year | S. |
| 66 | M. Greshmanth Sree Sai | ECE | 2nd year | M. |
| 67 | Ankit Choudhary | CSE | 1 st year | Ankit |
| 68 | Randeep Kumar Sharma | CSE | 1 st | R. |
| 69 | Rishav Kumar | CSE | 1 st | Rishav |
| 70 | Sunny Kumar | ME | 1 st | Sunny |
| 71 | Sushant Thappa | CSE | 1 st | Sushant |
| 72 | Sumit Singh | CSE | II nd | Sumit Sin |
| 73 | Saurabh Kumar Mishra | CSE | II nd | Saurabh Mishra |
| 74 | Gaurav Kumar | CSE | II nd | Gaurav |
| 75 | Anurag Kumar | CSE | II nd | Anurag |
| 76 | Gowdhi Balaraju | CSE | III rd | Gowdhi |
| 77 | Abhay Parthab Singh | CSE | 1 st | Abhay |
| 78 | Surjeet Singh | CSE | 1 st | Surjeet |
| 79 | Abhishek (1018) | CSE(A) | 1 st | Abhishek |
| 80 | Abhay (1002) | CSE(A) | 1 st | Abhay |
| 81 | Harsh Singh (094) | CSE(B) | 1 st | Harsh |
| 82 | Amit Malik (035) | CSE(A) | 1 st | Amit |
| 83 | Akshat Sharma (175) | CSE(C) | 1 st | Akshat |
| 84 | Sachin (181) | CSE(C) | 1 st | Sachin |
| 85 | Yuvraj (220) | CSE(C) | 1 st | Yuvraj |
| 86 | Vinod Singh (213) | CSE(C) | 1 st | Vinod |
| 87 | Sahil Shukla (226) | CSE(C) | 1 st | Sahil |
| 88 | Ankit Kumar (043) | CSE(A) | 1 st | Ankit |
| 89 | Amuljyotawel (040) | CSE(A) | 1 st | Amuljyotawel |
| 90 | Abhi Sahu (012) | CSE(A) | 1 st | Abhi |
| 91 | Abhishek Kumar | CSE(A) | 1 st | Abhishek |

| | Name | Branch | Year | Signature |
|-----|---------------------|--------|------------------|--------------|
| 92 | Dnyanesh Nandipati | CSE | II nd | Dnyes |
| 93 | Kabil Kumar Meena | CSE | I th | Kabil |
| 94 | Aman Verma | CSE | II nd | Aman |
| 95 | Siddharth Ghangave | CSE | II nd | Siddharth |
| 96 | Shubham Malhotra | CSE | II nd | Shubham |
| 97 | Tushar | CSE | II nd | Tushar |
| 98 | Krishna Yadav | CSE | II nd | Krishna |
| 99 | Prem Shankar Saini | CSE | II | Prem Shankar |
| 100 | Priyanshu Bokadia | CSE | I st | Priyanshu |
| 101 | Mayank Pokhriyal | CSE | I st | Mayank |
| 102 | Bhavesh Kumar | CSE | I st | Bhavesh |
| 103 | Shivan Chaudhan | CSE | II nd | Shivan |
| 104 | Harsh Joshi | CSE | I st | Harsh Joshi |
| 105 | Numan | CSE | I st | Numan |
| 106 | Priyanshu Gupta | CSE | I st | Priyanshu |
| 107 | Kunal | CSE | I st | Kunal |
| 107 | Harsh Kumar | CSE | I st | Harsh Kumar |
| 108 | Vishwajeet Khosla | CSE | I st | Vishwajeet |
| 109 | Rahul Singh | CSE | I st | Rahul |
| 110 | Saksham Shukla | CSE | I st | Saksham |
| 111 | Siddhant Yadav | CSE | I st | Siddhant |
| 112 | Shubham Kumar Nigam | CSE | I st | Shubham |
| 113 | Yash Gupta | CSE | I st | Yash |
| 114 | Piyush Kumar | CSE | I st | Piyush |
| 115 | Ahijet Raj | CSE | I st | Ahijet Raj |
| 116 | Ayush Patel | CSE | I st | Ayush Patel |
| 117 | Badal Patel | CSE | I st | Badal |
| 118 | AYUSH RAJ | CSE | I st | Ayush Raj |
| 119 | Aditya Bhatia | ECE | 2 nd | Aditya |
| 120 | Pankaj Kumar | CSE | 2 nd | Pankaj |
| | S/O Dhanoj Soni | | | |

| | Name | Branch | Year | Signature |
|-----|---------------------|--------|----------------------|----------------------------|
| 121 | Ritesh Kumar | CSE | II nd | Ritesh K |
| 122 | Chitransh Badgoinya | CSE | 2 nd mol | Chitransh |
| 123 | Aaryaman | CSE | 1 st | Aaryaman |
| 124 | Madal Paswan | CSE | 1 st | Madal Paswan |
| 125 | Deepender Singh | CSE | 1 st | Deepender Singh |
| 126 | Amermahd Kumar | CSE | 1 st | Amermahd Kumar |
| 127 | Arjun Yadav | CSE | 1 st | Arjun yadav |
| 128 | Shiv Agarwal | CSE | 2 nd year | Shiv Agarwal |
| 129 | Manish Kumar | CSE | 2 nd year | Manish |
| 130 | Murari Kumar | CSE | 2 nd year | Murari |
| 131 | Manish Kumar Akela | CSE | 2 nd year | Manish k. |
| 132 | Rabhu K. Paswan | CSE | 2 nd year | Rabhu K. |
| 133 | PARTH MISHRA | CSE | 2 nd year | Parth. |
| 134 | Rahul Rouchan | CSE | 2 nd year | Rahul |
| 135 | GOKUL V | CSE | 2 nd year | V. Gokul |
| 136 | Sagar Majumdar | CSE | 2 nd Year | Sagar. |
| 137 | Nilesh Singh | ECE | 2 nd Year | Nilesh. |
| 138 | Ritu Mandal | ECE | 2 nd year | Ritu Mandal |
| 139 | Devansh | ECE | 2 nd year | Devansh |
| 140 | Aman Mohamand | CSE | 1 st Year | Aman |
| 141 | Aman Daksh | CSE | 1 st Year | Aman Daksh |
| 142 | Banu Partap Singh | CSE | 1 st | Banu |
| 143 | Sagar | CSE | 1 st " | Sagar. |
| 144 | Aman Kumar | CSE | 1 st year | Aman Kumar |
| 145 | Sury Singh | CSE | 2 years | Sury Singh |
| 146 | Rohit Kumar | CSE | 2 year | Rohit Kumar |
| 147 | Soumik Ranjan Das | CSE | 2 nd year | Soumik |
| 148 | Mahammad Akram Khan | CSE | 2 nd year | Akram |
| 149 | Balkesh Kumar | CSE | 2 nd year | Balkesh |
| 150 | Abhinav Patel | CSE | 2 nd year | Abhinav |
| 151 | Harshit Lakhchoura | CSE | I Year | Harshit |
| 152 | Sashi Kant | CSE | 1 st year | Sashi Kant |

| | Name | Branch | Year | Sign |
|-----|---------------------------|--------|------|-----------------------|
| 153 | Aditya Soinastan | CSE | 1st | Aditya |
| 154 | Sharvan Kumar | " | 2nd | Sharvan |
| 155 | Sudhish Kumar | " | 1st | Sudhish Kumar |
| 156 | Sharvan Kumar (228201198) | " | 2nd | Sharvan |
| 157 | Subham Kumar | " | " | Subh |
| 158 | Chandan Kumar | " | " | Ch |
| 159 | Praaveen Verma | CSE | I | Praaveen Verma |
| 160 | Rhinraj Singh | " | I | Rhinraj |
| 161 | Bhim | " | 2nd | BK |
| 162 | Ashish Madhub | " | 2nd | Ashish Madhub |
| 163 | Kulveer Singh | " | I | Kulveer |
| 164 | Kartik | " | I | Kartik |
| 165 | Satyajeet Kumar | " | 1st | Satyajeet |
| 166 | Abhijeet | " | 1st | Abhijeet |
| 167 | Piyush | " | 2nd | Piyush |
| 168 | Abhishek | " | 2nd | Abhishek |
| 169 | Bhyanshu Raj | CSE | 2nd | Bhyan |
| 170 | Shubhanshu Tiwari | " | 2nd | Shubhanshu |
| 171 | Shubham Sinha | CSE | 2nd | Shubham |
| 172 | Keshav Kumar Nandwani | " | " | Keshav |
| 173 | Amol Shukla | " | 2nd | Amol |
| 174 | Kashan Kr Sharma | " | " | Kashan |
| 175 | Kabir | " | " | Kabir |
| 176 | Kushagra Singh | " | " | Kushan |
| 177 | Raj Kumar | | | |
| 178 | Raj Kumar | " | 3rd | Raj |
| 179 | Rohan K. Pandey | CSE | 1st | Rohan |
| 180 | Keshav Singh | " | 3rd | Keshav |
| 181 | Anand Ray | " | 2nd | Anand |
| 182 | Denison Shingla | " | 2nd | Denison |
| 183 | Shubhanshu | " | 2nd | Shubhanshu |
| 184 | Ankit Ray | " | 2nd | Ankit |

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|-----|-------------------------------|-------|-----------------|--------------------|
| 85 | Abhinav Agrahari | C.S.E | 3 rd | Abhinav |
| 86 | Ipooor Singh | CSE | 2 nd | Apoor |
| 87 | Ankur Sethi Sulkar | ECE | " | Ad |
| 88 | Akash Patel | CSE | 2 nd | Akash |
| 89 | Devraj Choudhary | CSE | 2 nd | DEVRAJ |
| 90 | Dhananjay Vankhney | CSE | 2 nd | Dhananjay |
| 91 | Gaurav Verma | CSE | 2 nd | Gov |
| 92 | Durgesh Rgh | " | " | Durgesh |
| 93 | Mounal Waghmare | CSE | 2 nd | mounal |
| 94 | Narmeet | CSE | 1 st | N |
| 95 | Karesh | " | " | Karesh |
| 96 | Abhay | " | " | A |
| 97 | Kapil dev jador | " | 2 nd | K |
| 98 | Chirag Sharma | CSE | 2 nd | Chirag |
| 99 | Shikant | CSE | 2 nd | Shikant |
| 200 | Shashwat Gupta | CSE | 3 rd | Shashwat |
| 201 | Alok | CSE | 3 rd | Alok |
| 202 | Ashu-bash | CSE | 3 rd | Ashu |
| 203 | Shivam Sh | CSE | 2 nd | Shivam |