

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 10-07-2024

Academic Year: 2023-2024

Activity: Internal Hackathon on “Generative AI”

### Consolidated Report

As per the academic plan, an Internal Hackathon on “Generative AI” was conducted on 6<sup>th</sup> July, 2024 for III-year, CSE, IT, CSE (AIML), CSE(DS) Students in association with Industry Institute Interaction Cell(IIIC) and Institution’s Innovation Council(IIC). A total of 85 students had actively participated in Hackathon.

Inauguration of the Hackathon started at 10:00 AM, with the welcome note by Dr. G. Janardhana Raju, Dean, School of Engineering, NNRESGI, & convener for hackathon stating that AI has the potential to revolutionize how we live and work. Followed by a speech by Dr. K. Srinivasa Babu, professor, CSE, stating the goal of hackathon is to push the limits of technological achievements further and explore every bit of programming nature.

Soon after the introduction of the guest profile was followed, guest, Mr. Vijaya Kumar Reddy, Director, SANGAM & EAIESB Software solutions pvt ltd, greeted all our participants, and suggested that companies will also use hackathons as a hiring event to recruit the best and brightest technical candidates.

Later Ms. B. Naga Lakshmi, Director – Engineering Team, RRS Solutions, Hyd, was introduced to the participants. While addressing the gathering, Ms. Lakshmi, listed the benefits of Hackathon as collaboration, innovation, networks and connections.

Shortly, there was a presidential address by Dr. C.V. Krishna Reddy, Director, NNRESGI, stated when great hacking minds work together, it’s almost like miracles happening.

Thereby, program was followed by felicitation of the guest and ended with vote of thanks.



The banner features the NNRG logo on the left and the NAAC A+ logo on the right. The central text reads "Internal HACKATHON on 'Generative AI' Welcomes". Below this, two circular portraits are shown: Mrs. B. Naga Lakshmi on the left and Mr. M. Vijay Kumar Reddy on the right. Each portrait is accompanied by a bouquet of red flowers. At the bottom, the event details are listed: Date: 6<sup>th</sup> July 2024 (Saturday), Time: 10.00 AM, and Venue: Conference Hall / Incubation Center.

**NALLA NARASIMHA REDDY**  
Education Society's Group of Institutions - Integrated Campus  
Chowdariguda (V), Korremula 'X' Roads, Ghatkesar (M), Medchal-Malkajgiri Dist., Hyderabad, T.S. - 500 088.  
(UGC AUTONOMOUS INSTITUTION)

**Internal HACKATHON**  
on  
**"Generative AI"**  
Welcomes

*Chief Guest*  
  
**Mrs. B. Naga Lakshmi**  
Director - Engineering Team  
RRS Solutions, Hyderabad

*Guest of Honor*  
  
**Mr. M. Vijay Kumar Reddy**  
Director - EAIESB & SANGAM  
Software Solutions Pvt. Ltd., Hyderabad

Date: 6<sup>th</sup> July 2024 (Saturday) Time: 10.00 AM Venue: Conference Hall / Incubation Center

A pre-training program was conducted for three days for all the third year students in preparation for hackathon on topics Workato Tool, FAST API, Power BI, Lang Smith.

**NALLA NARASIMHA REDDY**  
Education Society's Group of Institutions-Integrated Campus  
(UGC AUTONOMOUS INSTITUTION)

6<sup>th</sup> July, 2024

Industry Institute Interaction Cell (IIIC) & Institution's Innovation Council (IIC)  
Organising

## INTERNAL HACKATHON

on  
**"Generative AI"**

(Students should develop a Generative AI Application as per the given requirements)  
In Association with  
**EAIESB & Sangam Software Solutions Private Limited**

**Hackathon Should Include:**

- Workato Integration and API's
- Dashboards
- Unit Test cases
- Error Handling
- Databases
- LLMs (Open Source, Commercial)
- Framework (Langchain, Llamaindex)
- UIs (Streamlit, Mesop, Chainlit, Gradio)

**Duration: 2 Hours (120 Minutes)**

- 1 hour 30 Min (Coding),
- 30 Min for Presentation/Design Documentation
- Team Size : 3 - 5 Members

**Can Use :**

- Microsoft / Google / Open AI / Mistral / Hugging Faces / Anthropic / Lang Chain / Llamaindex / Meta Llama3/2/ Ollama
- Programming Languages: Java, Python, Scripting Languages
- UI/UX : Angular, React , Streamlit, Mesop, Chainlit, Gradio
- Databases : MySQL, Postgres , MongoDB, Neo4J, Vector Databases

**Win Attractive Prizes!**

Register on or before 1<sup>st</sup> July 2024

No Registration Fee

QR Code for Registration

**Chief Patron:** Sri Nalla Narasimha Reddy, Secretary

**Patron:** Dr. C. V. Krishna Reddy, Director

**Co-Patron:** Mr. Nalla Prashanth Reddy, Vice Chairman

**Convener:** Dr. G. Janardhana Raju, Dean, School of Engineering, 98852 94437

**Co-Convener:** Dr. K. Ramachandharah, Prof. & Head - CSE

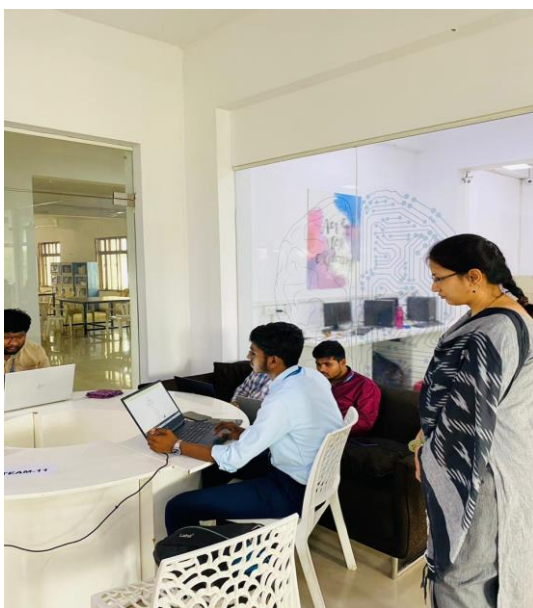
**Guests:** Mr. B. Durga Prasad, Asst. Prof. CSE; Mrs. A. Prashanthi, Asst. Prof. CSE; Dr. G. Subha Rao, Professor, CFD



*Few glimpses from inauguration*

85 participants were teamed-up to 18 teams. The event of Hackathon started at 11.30 AM at Incubation center, III floor, SOE building. Students were given 5 tasks regarding Workato Tool, FAST API, Power BI, Lang Smith, presentation video making, and instructed to submit by 1.30 PM. The deans, HODs, professors, associate professors, assistant professors, of various departments visited the Incubation center and monitored the event.

At 1.30 PM, judges of the event visited each team, evaluated them and decided the winners.



Valedictory function started at 3.00 PM with closing report of Dr. G. Janardhana Raju, Dean, School of Engineering, NNRESGI, followed by participants feedback on Internal Hackthon. Students had expressed their gratitude towards the organizers, that the hackathon had created an opportunity for them to learn and develop new skills faster. It helped them to create functioning software including the programming language, the operating system, an application, an API.

Prize distribution followed.

Dr. C. Subba rao, Prof, CED had proposed vote of thanks.



**First Prize:** D. Omkar Krishna and Team of CSE(AIML), received 3000/- cash prize and merit certificate.



**Second Prize:** E. Abiram Reddy and Team of CSE received 2000/- cash prize and merit certificate.



**Third Prize:** K.Rishi Kiran and Team of CSE(AIML) received 1000/- cash prize and merit certificate.



**Third Prize:** S.Shresta and Team of CSE(DS) received 1000/- cash prize and merit certificate.



Participants with faculty coordinators

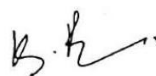
#### **Faculty Coordinators**

1. Mr. B. Durga Prasad, Asst prof, CSE
2. Mrs. A. Prashanthi, Assoc prof, CSE
3. Mr. C.Subba Rao, Professor, CED
4. Mrs. P.Santhi Priya, Asst prof, CSE

## Internal Hackathon Participants list Date:06-07-2024

TEAM_NO	ROLL_NO	PARTICIPANTS_NAME	DEPARTMENT & BRANCH
1	217Z1A6615	D.OMKARA KRISHNA	CSE(AIML)
	217Z1A6619	E.MANISHA	CSE(AIML)
	227Z5A6603	G. VARUN TEJA	CSE(AIML)
	227Z5A6606	P. SHIVA KUMAR GOUD	CE(AIML)
	217Z1A6640	LINGALA KAPIL GOUD	CSE(AIML)
2	217Z1A6606	A. ROHITH KUMAR	CSE(AIML)
	217Z1A6602	A.NAVEEN KUMAR	CSE(AIML)
	217Z1A6632	K.RISHI KIRAN	CSE(AIML)
	217Z1A6608	B.MANIKEERTHAN REDDY	CSE(AIML)
	217Z1A6604	A.VISHWANI	CSE(AIML)
3	217Z1A0510	A.AKASH	CSE-A
	217Z1A0512	A.VIJAY KUMAR	CSE-A
	217Z1A0521	B.SAI NITHIN	CSE-A
	217Z1A0532	B.REVANTH	CSE-A
	217Z1A0567	G.SRIKANTH	CSE-A
4	217Z1A0559	ENUKONDA ABHIRAM REDDY	CSE-A
	217Z1A0518	HADASSAH BANDELA	CSE-A
	217Z1A1222	KANAPARTHI RUCHITHA	CSE(IT)
	217Z1A6634	K.RISHMITHA RAO	CSE(AIML)
5	217Z1A05E8	P.SRAVAN KUMAR	CSE-C
	217Z1A05H9	T.MYTHRI	CSE-C
	217Z1A05I0	T.SHIVAPRASAD	CSE-C
	217Z1A05D9	P.MINISH	CSE-B
	217Z1A05I1	T.THANUSREE	CSE-C
6	217Z1A1255	LAKSHMI GAYATRI	IT
	217Z1A6657	S.PRAVALLIKA	CSE(AIML)
	217Z1A6636	K.RISHIKA	CSE(AIML)
	217Z1A6663	T.NIKHITHA	CSE(AIML)
	217Z1A0593	K.SATHVIKA PADMAVATHI	CSE-B
7	217Z1A0591	K.KARTHIK	CSE-B
	217Z1A0588	KALYANI ANNA	CSE-B
	217Z1A0581	H.KSHUTHIJA	CSE-B
	217Z1A0596	K.SUNAYANA	CSE-B
	217Z1A05A3	K.HARINI	CSE-B
8	217Z1A6744	P.HARSHA VARDHINI	CSE-DS
	217Z1A6752	S.RAKSHITHA	CSE-DS
	217Z1A6759	U.UDAY KIRAN	CSE-DS
	217Z1A6714	CH.PRAVEEN	CSE-DS
	227Z5A6703	K.SHIVA TEJA	CSE-DS
9	217Z1A6703	A.B.JAI KOUSHIK	CSE(DS)
	217Z1A6763	GEETH SAI	CSE(DS)
	217Z1A6755	S SAI VARUN	CSE(DS)
	217Z1A6734	K KEERTHI	CSE(DS)
	217Z1A6754	S SRESHTA	CSE(DS)
10	217Z1A1243	P.PRATHYUSHA	IT
	217Z1A1229	K V N S SRI VYSHNAVI	IT
	217Z1A1238	N.PREETHIKA	IT
	217Z1A1254	SK.SIRAJ	IT
	217Z1A1209	CH.AKSHITH REDDY	IT

11	217Z1A6716	D.NIKHIL	CSE-(DS)
	217Z1A6758	T.ROHITH	CSE-(DS)
	217Z1A6706	A.VISHNU VARDHAN	CSE-(DS)
	217Z1A6741	MD.SAMMAD	CSE(DS)
	217Z1A6756	T.SRIKANTH	CSE(DS)
12	217Z1A05G1	S.RAGINI	CSE-C
	227Z5A0510	K.DIVYANKA	CSE-C
	217Z1A6721	G YESHWANTH	CSE(DS)
	217Z1A05I2	V.VIJAY	CSE-C
	217Z1A05G5	S.ABHINAV	CSE-C
13	217Z1A05J3	Y.JAYANTHI	CSE-C
	217Z1A05I4	V.JAYANTHI	CSE-C
	217Z1A05J4	Y.SHREEJA	CSE-C
	217Z1A05H4	T.PRANITHA	CSE-C
	217Z1A05I5	V.KEERTHANA	CSE-C
14	217Z1A6648	N . AKSHITHA	CSE(AI&ML)
	217Z1A6633	K.TEJA	CSE(AI&ML)
	217Z1A6629	K. NIKITHA	CSE(AI&ML)
	217Z1A6635	K.PRANAYA	CSE(AI&ML)
15	217Z1A05A0	K. RASHMITHA	CSE - B
	217Z1A0584	J. SINDHUJA	CSE - B
	217Z1A05C5	M. LAKSMI DURGA SUHARSHA	CSE - B
	217Z1A05C8	N. UDAYA SREE	CSE - B
	217Z1A05A9	M. SHAJITH REVANTH	CSE - B
	18361A0590	V . SRINIVAS NAREN	CSE - B
16	217Z1A05D8	P. UDAYASREE	CSE - B
	217Z1A05E9	P.VISHNU PRIYA	CSE-C
	217Z1A0561	E BHUVAN	CSE-A
	217Z1A0585	J. SAI POOJITHA	CSE-B
	217Z1A05F6	P. SRI LAKSHMI	CSE-C
17	217Z1A05HO	S.PAWAN KALYAN	CSE-C
	227Z5A0504	G.DURGA VAMSHI	CSE-C
	227Z5A0511	K.DINESH	CSE-C
18	217Z1A1252	S.JOSHNA	IT
	217Z1A1257	T.HARSHITHA	IT
	217Z1A1256	S.NIKITHA	IT

  
 HEAD-CSE