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

SCHOOL OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING – DATA SCIENCE

Report on 2-day Workshop on Aptitude and Reasoning.



Title: Aptitude and Reasoning.

Date and Duration : 2 days Workshop from 8-10-26 to 9-10-26

Venue: MBA Seminar Hall

Academic Year: 2026–2027

Activity: Two-Day Workshop – **Aptitude and Reasoning**

The **Department of Computer Science & Engineering (Data Science)**, Nalla Narasimha Reddy Education Society's Group of Institutions – Integrated Campus, School of Engineering, in association with **IIIC**, organized a **Two-Day Workshop on Aptitude and Reasoning.**

Aptitude and Reasoning training is an essential component of student skill development that aims to improve quantitative ability, logical thinking, analytical skills, and problem-solving capabilities. These skills help students perform effectively in campus recruitment tests, competitive examinations, and professional environments. The training bridges the gap between academic knowledge and industry expectations by encouraging students to approach problems systematically and solve them accurately within a limited time.

A total of 130 **II-Year CSD** students actively participated in this workshop.

Objectives:

The major objectives of the Aptitude and Reasoning training programme are:

- To enhance students' quantitative aptitude and mathematical problem-solving skills.
- To develop logical, analytical, and critical-thinking abilities.
- To improve speed, accuracy, and time-management skills while solving problems.
- To familiarize students with aptitude tests conducted during campus recruitment.
- To build confidence in facing competitive examinations and placement assessments.
- To encourage independent thinking and effective decision-making.

Topics Covered

The training programme may include the following topics:

Quantitative Aptitude

- Number systems, percentages, ratios, and proportions.
- Profit, loss, and discount.
- Averages and simple and compound interest.
- Time and work; time, speed, and distance.
- Permutations, combinations, and probability.
- Data interpretation and data sufficiency.

Logical and Analytical Reasoning

- Number and letter series.
- Coding and decoding.
- Blood relations and direction sense.
- Analogies and classification.
- Syllogisms and logical deductions.
- Seating arrangements, puzzles, and pattern recognition.

Verbal Reasoning

- Reading comprehension.
- Vocabulary and sentence completion.
- Verbal analogies.
- Sentence arrangement and critical reasoning.

4. Activities Conducted

The programme can include concept-based teaching sessions, worked examples, individual practice exercises, timed aptitude tests, reasoning puzzles, group problem-solving activities, and mock placement assessments. Students are encouraged to identify different approaches to solving questions, analyse their mistakes, and improve their performance through regular practice.

5. Learning Outcomes

After completing the training, students are expected to:

- Solve quantitative aptitude problems using appropriate methods.
- Apply logical reasoning to analyse and interpret information.
- Improve accuracy and efficiency while answering time-bound questions.
- Develop confidence in handling aptitude-based assessments.
- Strengthen critical thinking, decision-making, and problem-solving skills.
- Improve preparedness for campus placements and competitive examinations.

6. Conclusion

The Aptitude and Reasoning training programme plays a significant role in enhancing students' analytical abilities and employability skills. Regular practice, periodic assessments, and constructive feedback help students identify areas for improvement and develop a systematic approach to problem-solving. The programme supports students in preparing for recruitment assessments and contributes to their overall academic and professional development.



NALLA NARASIMHA REDDY

Education Society's Group of Institutions - Integrated Campus

(UGC AUTONOMOUS INSTITUTION)

EAMCET/ECET/ICET/PGECET Code NNRG

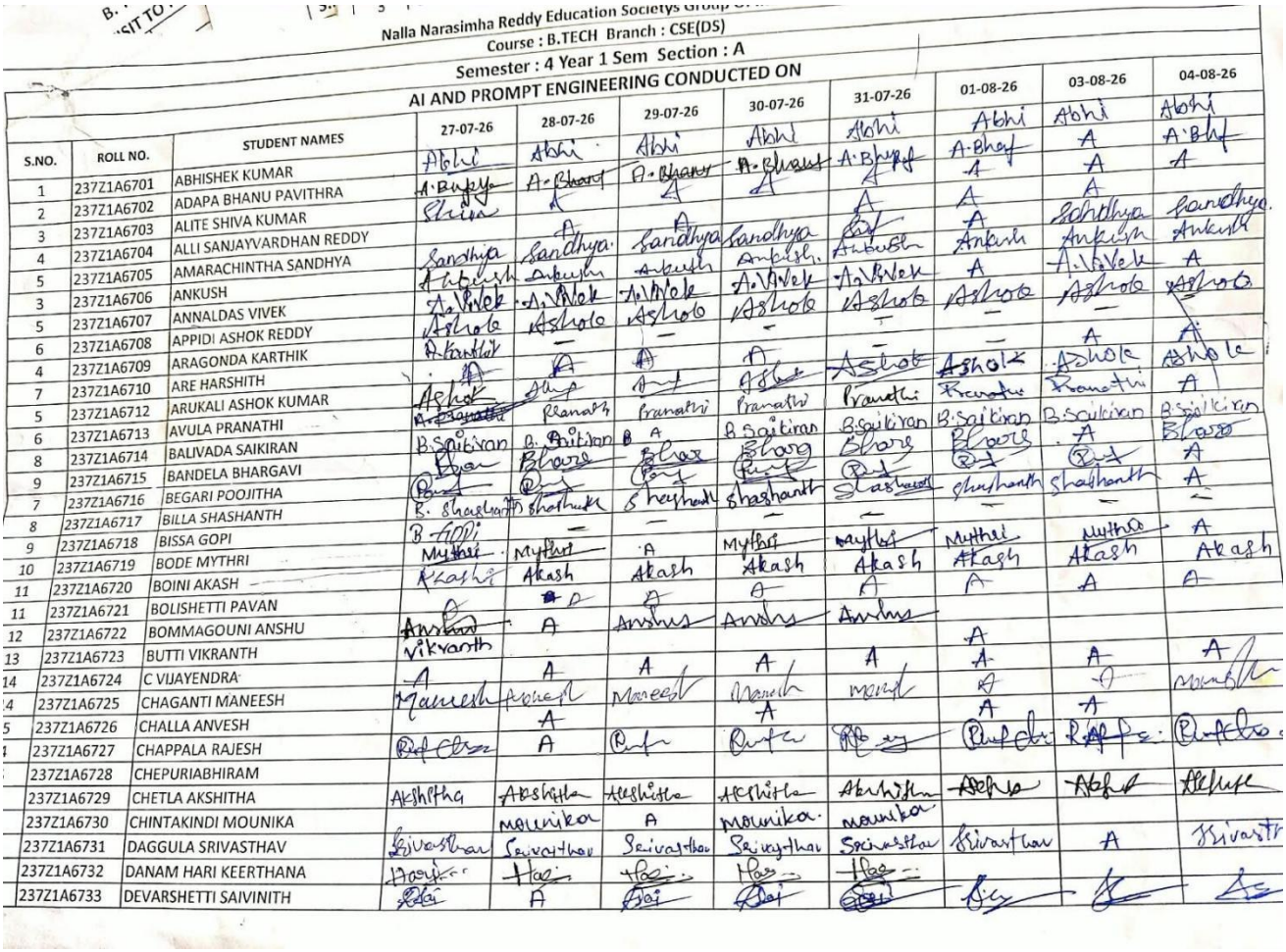
SCHOOL OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING – DATA SCIENCE



SCHOOL OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING – DATA SCIENCE



Nalla Narasimha Reddy Education Societys Group of Institutions

Course : B.TECH Branch : CSE(DS)

Semester : 4 Year 1 Sem Section : A

AI AND PROMPT ENGINEERING CONDUCTED ON

S.NO.	ROLL NO.	STUDENT NAMES	27-07-26	28-07-26	29-07-26	30-07-26	31-07-26	01-08-26	03-08-26	04-08-26
1	237Z1A6701	ABHISHEK KUMAR	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi
2	237Z1A6702	ADAPA BHANU PAVITHRA	A.Bhanu	A.Bhanu	A.Bhanu	A.Bhanu	A.Bhanu	A.Bhanu	A	A.Bhanu
3	237Z1A6703	ALITE SHIVA KUMAR	Shiva	A	A	A	A	A	A	A
4	237Z1A6704	ALLI SANJAYVARDHAN REDDY	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya
5	237Z1A6705	AMARACHINTHA SANDHYA	Ankush	Ankush	Ankush	Ankush	Ankush	Ankush	Ankush	Ankush
3	237Z1A6706	ANKUSH	A.Vivek	A.Vivek	A.Vivek	A.Vivek	A.Vivek	A	A.Vivek	A
5	237Z1A6707	ANNALDAS VIVEK	Ashok	Ashok	Ashok	Ashok	Ashok	Ashok	Ashok	Ashok
6	237Z1A6708	APPIDI ASHOK REDDY	A.Karthik	—	—	—	—	—	—	—
4	237Z1A6709	ARAGONDA KARTHIK	A	A	A	A	Ashok	Ashok	A	Ashok
7	237Z1A6710	ARE HARSHITH	Ashok	Pranathi	Pranathi	Pranathi	Pranathi	Pranathi	Pranathi	A
5	237Z1A6712	ARUKALI ASHOK KUMAR	A.Pranathi	Pranathi	Pranathi	Pranathi	Pranathi	Pranathi	B.Saikiran	B.Saikiran
6	237Z1A6713	AVULA PRANATHI	B.Saikiran	B.Saikiran	B.Saikiran	B.Saikiran	B.Saikiran	B.Saikiran	A	A
8	237Z1A6714	BALIVADA SAIKIRAN	Bhargavi	Bhargavi	Bhargavi	Bhargavi	Bhargavi	Bhargavi	A	A
9	237Z1A6715	BANDELA BHARGAVI	Pooji	Pooji	Pooji	Pooji	Pooji	Pooji	Pooji	A
7	237Z1A6716	BEGARI POOJITHA	B.Shashanth	Shashanth	Shashanth	Shashanth	Shashanth	Shashanth	Shashanth	A
8	237Z1A6717	BILLA SHASHANTH	—	—	—	—	—	—	—	—
9	237Z1A6718	BISSA GOPI	B.Gopi	—	—	—	—	—	—	—
10	237Z1A6719	BODE MYTHRI	Mythri	Mythri	A	Mythri	Mythri	Mythri	Mythri	A
11	237Z1A6720	BOINI AKASH	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash
11	237Z1A6721	BOLISHETTI PAVAN	A	A	A	A	A	A	A	A
12	237Z1A6722	BOMMAGOUNI ANSHU	Anshu	A	Anshu	Anshu	Anshu	A	—	—
13	237Z1A6723	BUTTI VIKRANTH	Vikranth	—	—	—	—	A	—	—
14	237Z1A6724	C VIJAYENDRA	A	A	A	A	A	A	A	A
4	237Z1A6725	CHAGANTI MANEESH	Maneesh	Aravind	Maneesh	Maneesh	Maneesh	A	A	Maneesh
5	237Z1A6726	CHALLA ANVESH	—	A	—	A	—	A	A	—
1	237Z1A6727	CHAPPALA RAJESH	Rajesh	A	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh
	237Z1A6728	CHEPURIABHIRAM	—	—	—	—	—	—	—	—
	237Z1A6729	CHETLA AKSHITHA	Akshitha	Akshitha	Akshitha	Akshitha	Akshitha	Akshitha	Akshitha	Akshitha
	237Z1A6730	CHINTAKINDI MOUNIKA	—	Mounika	A	Mounika	Mounika	—	—	—
	237Z1A6731	DAGGULA SRIVASTHAV	Srivasthav	Srivasthav	Srivasthav	Srivasthav	Srivasthav	Srivasthav	A	Srivasthav
	237Z1A6732	DANAM HARI KEERTHANA	Hari	Hari	Hari	Hari	Hari	—	—	—
	237Z1A6733	DEVARSHETTI SAIVINITH	Sai	A	Sai	Sai	Sai	Sai	Sai	Sai

Nalla Narasimha Reddy Group of Institutions

NALLA NARASIMHA REDDY

Education Society's Group of Institutions - Integrated Campus

(UGC AUTONOMOUS INSTITUTION)

Accredited by NBA NATIONAL BOARD OF ACCREDITATION CSE ECE

UGC AUTONOMOUS NAAC A+

EAMCET/ECET/ICET/PGECET Code NNRG

NNRG Integrated Campus

SCHOOL OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING – DATA SCIENCE

21	237Z1A6734	DIVYA DASARI	Divya	Div	D	Div	D	A	A	D
20	237Z1A6735	EDARA PRATHEEK		A	A			A	A	A
22	237Z1A6736	ENGILI SAI TEJA	E. Saitej	Sai	Sai	Sai	Sai	Sai	Sai	Sai
23	237Z1A6737	ETIKALA AKASH	E. Akash	A	Akash	Akash	Akash	Akash	A	Akash
24	237Z1A6738	GAJULA PREETHI	G. Preethi	G. Preethi	G. Preethi	G. Preethi	G. Preethi	G. Preethi	A	A
25	237Z1A6739	GANDHAMOJU VIKAS CHARY	G. Vikas	G. Vikas	G. Vikas	G. Vikas	G. Vikas	G. Vikas	G. Vikas	G. Vikas
26	237Z1A6740	GARIMIDI PRATHAP	G. Prathap		A					
27	237Z1A6741	GARREPALLY LAXMI PRASANNA	G. Laxmi	CH. Lakshmi	Ch. Lakshmi	Ch. Lakshmi	Lak	Lak		
28	237Z1A6742	GOURAVELLY MAHITHA	G. Mahi	Ch Mahi	Ch Mahi	Ch. Mahi	Mahi	Mahi	Mahi	Mahi
29	237Z1A6743	GOURINENI ANUSHA	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha
30	237Z1A6744	GUDA ABHIJITH REDDY	Abhijith	Abhijith	Abhi	Abhi	Abhi	Abhi	Abhi	A
31	237Z1A6745	GUNDA SOUMYA	Soumya	Soumya	Soumya	Soumya	Sou	Sou	Sou	Sou
32	237Z1A6746	GUNDAGANI HARIKA	Harika	Harika	Harika	Ch. Hari	Hari	Hari	Hari	Hari
33	237Z1A6747	GUNDE THARUNI	G. Tharuj	G. Tharuj	G. Tharuj	G. Tharuj	G. Tharuj	Tharuni	Tharu	Tharu
34	237Z1A6748	GURRAM SIDDHARTHA	A	—	A	—	—	—	A	—
35	237Z1A6749	JAGARAPU HARIKA	Harika	Harika	Harika	Harika	Harika	Harika	Harika	Harika
36	237Z1A6750	JAKKULA NAVEEN KUMAR								
37	237Z1A6751	JATOTH NAGESH	Nagesh	Nagesh	Nagesh	Nagesh	Nagesh			
38	237Z1A6752	JULURI SARVANI	Sarvani	A	Sarvani	Sarvani	Sarvani	Sarvani	Sarvani	A
39	237Z1A6753	JUTTU VARSHITA	Varsh	A	Varsh	Varsh	Varsh	Varsh	Varsh	Varsh
40	237Z1A6754	K PRIYANKA	Priy	Priy	Priy	Priy	Priy	Priy	Priy	Priy
32	237Z1A6756	KANKARAIAH BIMAPPA	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi
41	237Z1A6757	KANUGANTI RUSHIKESH	Rushik	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi
12	237Z1A6758	KALVALA PREETHI REDDY	K. Preethi	K. Preethi	K. Preethi	K. Preethi	K. Preethi	K. Preethi	A	A
3	237Z1A6759	KOLIPAKA RADHIKA	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika
1	237Z1A6760	KOLUPULA DEEKSHITHA	Deek	Deek	Deek	Deek	Deek	Deek	Deek	A
	237Z1A6761	KONTHAM DINESH	M. Dinesh	A	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh
	237Z1A6762	KUKUTAPU SAI RAM	M. Sairam	A						
	237Z1A6763	LANGARI SATWIKA	Sat	Sat	Sat	Sat	Sat	A	Sat	A
	237Z1A6764	LINGALA SAHITHI	Sahithi	A	Sahithi	Sahithi	Sahithi	Sahithi	A	Sahithi
	237Z1A6765	LINGAMPELLY DHATHRIKA	Dhathri	Dhathri	Dhathri	Dhathri	Dhathri	Dhathri	Dhathri	Dhathri
	237Z1A6766	MADASU HITHAISHI VARDAN	—	—	A	—	—	—	A	A
	237Z1A6767	MARAM ROHITH REDDY	Rohith	—	—	—	—	—	—	A
	237Z1A6768	MEDABOYINA SHIVA	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva
	237Z1A6769	MIRIYANAM KRUTHIKA	Krut	A	A	Krut	Krut	Krut	Krut	A

FACULTY CO-ORDINATOR

HOD - CSE (DS)