



Report on the Guest Lecture “BUILDING RESEARCH SKILLS THROUGH PROJECT WORK” Organized by Department of Mathematics

Day & Date: Wednesday 15.07.2026

Venue: Webinar Hall

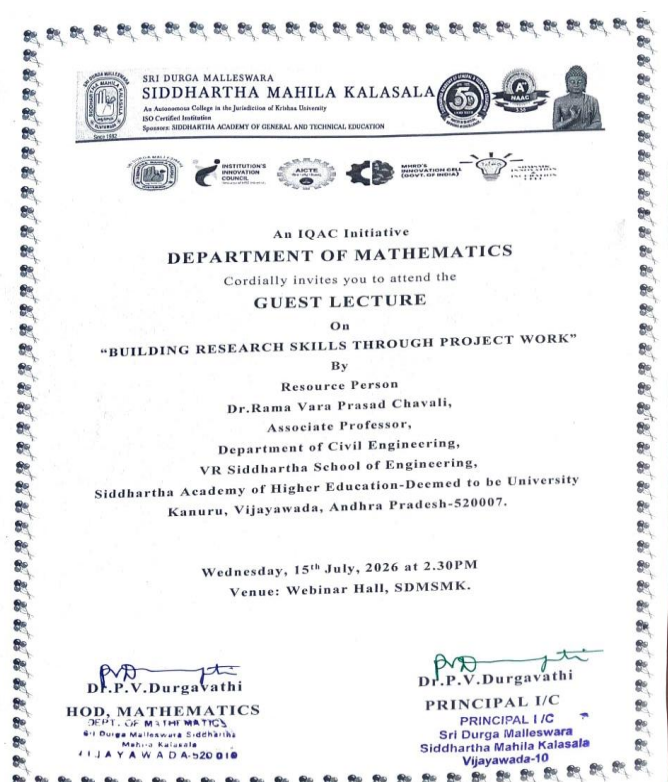
Time: 2:30PM - 4.15PM

PARTICIPANTS: Students of II B.Sc Honours Mathematics

II B.Sc Honours Computer Science(A &B) and
III B.Sc Honours Mathematics

RESOURCE PERSON: Dr.Rama Vara Prasad Chavali,
Associate Professor, Dept. of Civil Engineering,
VR Siddhartha School of Engineering,
Siddhartha Academy of Higher Education-Deemed to be University
Kanuru, Vijayawada, Andhra Pradesh-520007.

INVITATION:



PROGRAMME SCHEDULE FOR GUEST LECTURE		
S.NO	PROGRAMME PARTICULARS	TIME
1	Welcoming the guests on to the Dias	2.30PM-2.35PM
2	Prayer Song	2.35PM-2.40PM
3	Address by Principal	2.40PM-2.45PM
4	Introducing the Resource Person	2.45PM-2.50PM
5	Session by Resource Person	2.50PM-4.10PM
6	Vote of Thanks	4.10PM-4.15PM

OBJECTIVE: The objective of the guest lecture was to create awareness among undergraduate students about the importance of project work, guide them on completing project reports within the stipulated time, and demonstrate how project work serves as a foundation for developing research skills and pursuing future research activities.

PROGRAMME HIGHLIGHTS

The Department of Mathematics, SDMSMK, organized a guest lecture on **"Building Research Skills Through Project Work"** on **15 July 2026** for the undergraduate students. The programme aimed to equip students with essential research skills and familiarize them with the process of undertaking meaningful project work. The session featured **Dr. Rama Vara Prasad Chavali, Associate Professor, Department of Civil Engineering, Siddhartha Academy of Higher Education(Deemed to be University)**, a distinguished academician and researcher, as the Resource Person.

WELCOMING THE GUEST



PRAYER SONG BY THE STUDENTS





BIO-DATA OF RESOURCE PERSON

- ❖ Dr. Chavali Rama Vara Prasad is an Associate Professor in the Department of Civil Engineering at Siddhartha Academy of Higher Education, Vijayawada.
- ❖ He earned his Ph.D. in Civil Engineering from the National Institute of Technology (NIT) Warangal and his M.Tech in Geotechnical Engineering from NIT Hamirpur.
- ❖ He further strengthened his research profile through a two-year Post-Doctoral fellowship at the Université du Québec à Chicoutimi, Canada.
- ❖ Dr. Rama Vara Prasad's research interests include environmental geotechnics, ground improvement, geoenvironmental engineering, sustainable construction materials, and geotechnical hazard assessment.
- ❖ He has published several high-impact research papers in reputed international journals, including Engineering Geology, International Journal of Geomechanics, Natural Hazards, and Soils and Foundations.
- ❖ He has successfully mentored three doctoral scholars during post-doc, supervised several postgraduate dissertations, and has been supervising 2 Ph.D. scholars at SAHE.
- ❖ He has also served as an international Ph.D. thesis evaluator for Canadian university - UQAC and is currently an Editorial Board Member of the Springer Nature journal Discover Civil Engineering.
- ❖ In addition to his academic and research contributions, Dr. Rama Vara Prasad has delivered several invited lectures and keynote talks at national conferences and Faculty Development Programmes on topics related to geotechnical engineering, sustainable infrastructure, and disaster resilience.
- ❖ He has also been actively involved in consultancy projects for major transportation and infrastructure developments and serves as a reviewer for several reputed international journals.



PRINCIPAL OPENING MARKS

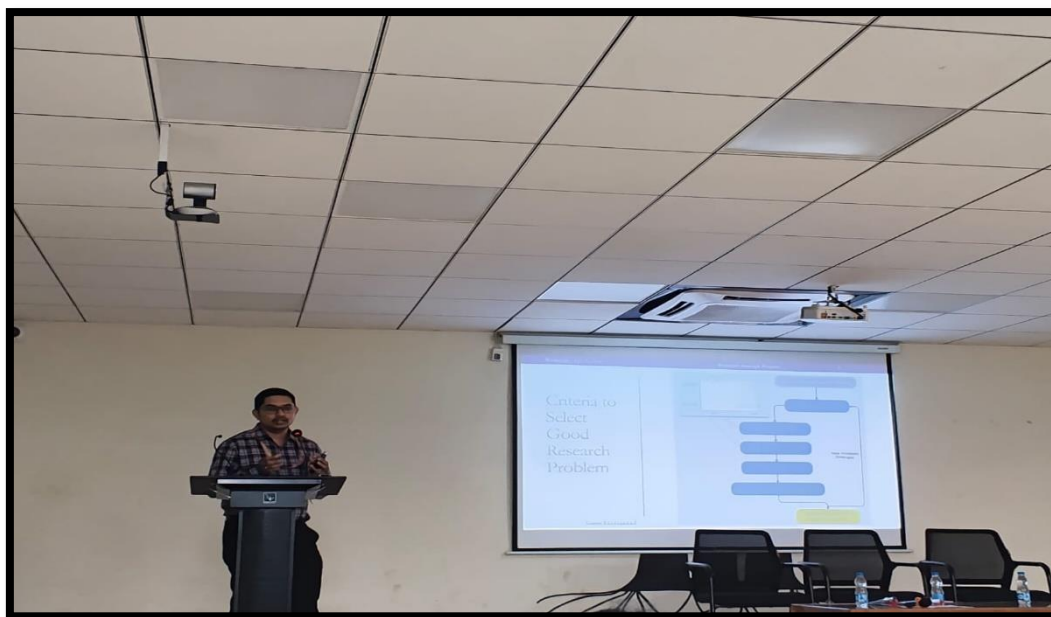
The programme commenced with a welcome address, followed by the inaugural remarks of the Principal, Dr. P. V. Durgavathi. In her address, she emphasized that project work is not merely a course requirement but a systematic process involving observation, analysis, questionnaire design, investigation, interpretation of results, and the generation of new knowledge. She encouraged students to cultivate research aptitude and develop analytical and problem-solving skills through project-based learning.



SESSION BY RESOURCE PERSON

The Resource Person, **Dr. Rama Vara Prasad Chavali**, delivered an insightful and interactive lecture highlighting the importance of project work during students' short-term and long-term internship programmes. He explained how project work acts as a bridge between classroom learning and research by enabling students to identify real-world problems, collect and analyze data, and present meaningful conclusions. He also discussed the purpose of research projects and motivated students to adopt a research-oriented approach in their academic journey.





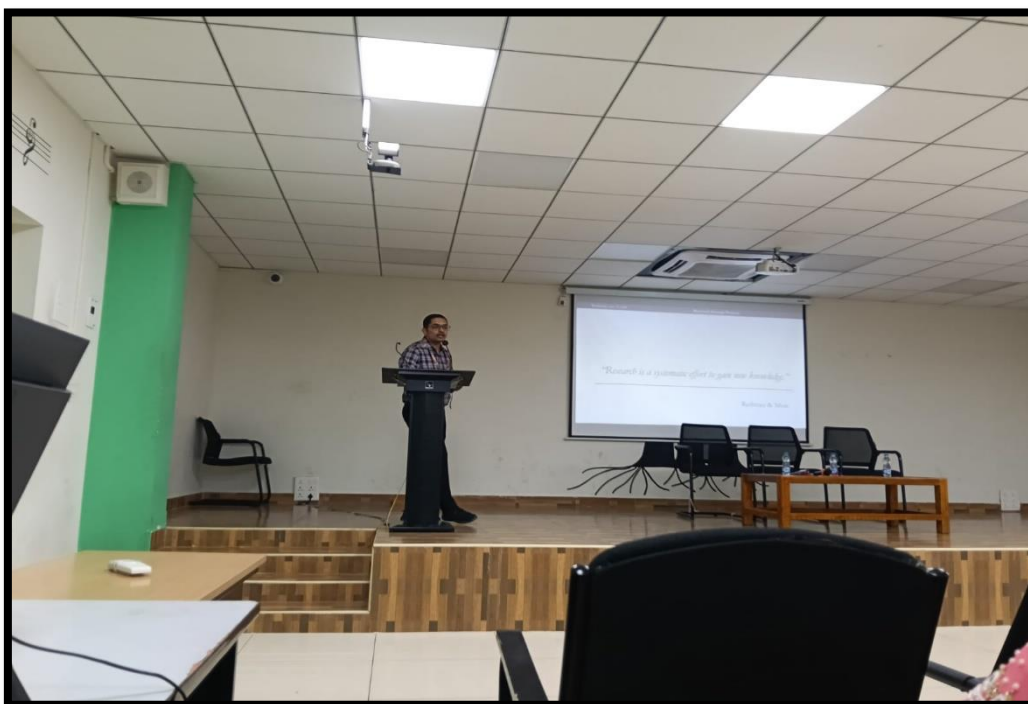
Key points covered

During the session, he introduced several Artificial Intelligence tools, including **ChatGPT**, and demonstrated how they can be used responsibly for literature search, idea generation, report drafting, and improving academic writing. He also shared the **THINK** principle for the ethical use of information:

- **T – Trustworthy**
- **H – Helpful**
- **I – Insightful**
- **N – Necessary**

- **K – Known**

He explained that students should ensure the information they use satisfies these principles before incorporating it into their project reports. Furthermore, he illustrated the various stages of project work using a **pyramid chart**, clearly explaining the progression from identifying a research problem to preparing a quality project report.



CONCLUSION:

The guest lecture proved to be highly informative and beneficial for the students. It enhanced their understanding of project-based learning, research methodology, ethical use of AI tools, and effective project report preparation. The programme inspired students to develop a research-oriented mindset and motivated them to undertake quality research projects, thereby laying a strong foundation for their future academic and professional pursuits.

FELICITATION TO RESOURCE PERSON

As a token of appreciation, the Department of Mathematics felicitated **Dr. Rama Vara Prasad Chavali** for his valuable contribution and inspiring session.

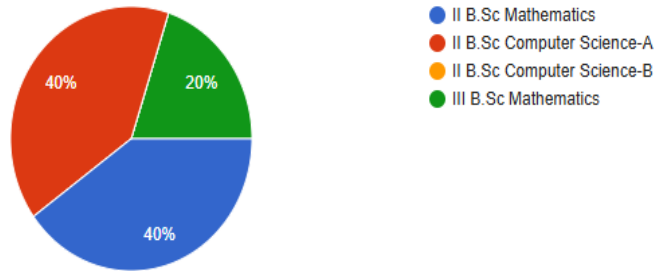


FEEDBACK FROM STUDENTS

Choose Your Class

60 responses

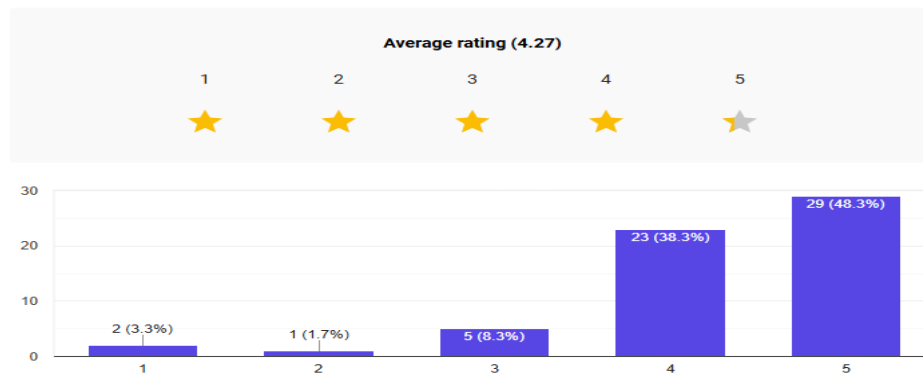
 [Copy chart](#)



How would you rate the overall quality of today's guest lecture? Rate from 1(Fair) to 5(Excellent).

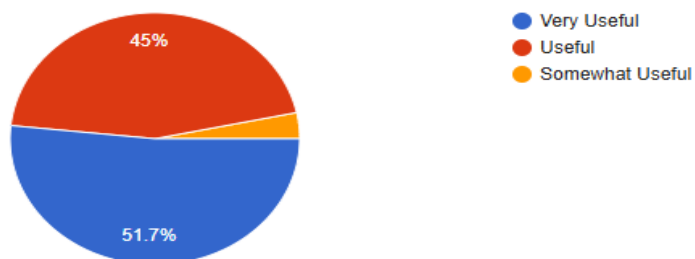
60 responses

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How useful was the session in improving your understanding of project-based research and report writing?

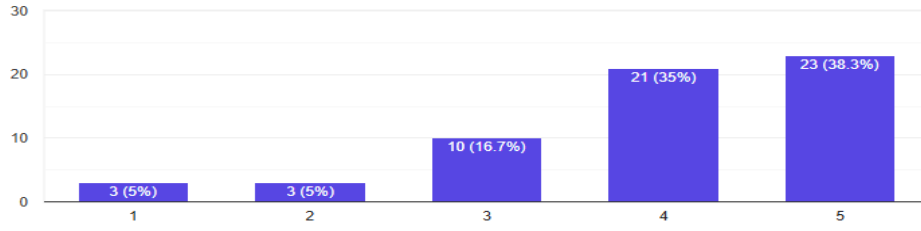
60 responses



Did the resource person explain the concepts in a clear and understandable manner?

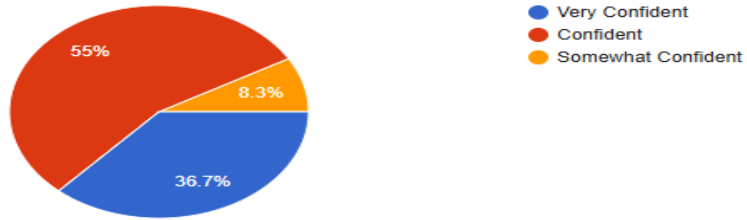
Copy chart

60 responses



How confident do you feel about undertaking a project-based research study after attending this guest lecture?

60 responses



MEDIA COVERAGE OF THE PROGRAMME

సమర్థవంతమైన సంభాషణ ఆత్మవిశ్వాసాన్ని పెంపొందిస్తుంది

-డాక్టర్ రామవరప్రసాద్



విజయవాడ, జులై 15 (అజయ్ నారగాని -నేటి శుభోదయ) తరగతి గదిలోనే జట్టుగా పనిచేసే నైపుణ్యం, సృజనాత్మకత, విశ్లేషణాత్మక ఆలోచన, సమర్థవంతమైన సంభాషణ ఆత్మవిశ్వాసాన్ని పెంపొందిస్తుంది అని డాక్టర్ రామవరప్రసాద్ అన్నారు. బుధవారం శ్రీదుర్గా మల్లేశ్వర సిద్ధార్థ మహిళా కళాశాలలో గణిత శాస్త్ర విభాగం లో నిర్వహించిన కార్యక్రమం లో పాల్గొని మాట్లాడుతూ విజయవంతమైన కెరీర్కు అవసరమైన . లక్షణాలు అలవదతాయని అన్నారు.ప్రిన్సిపాల్, గణిత విభాగాధిపతి డాక్టర్ పి .వి . దుర్గావతి మాట్లాడుతూ ప్రాజెక్ట్ వర్క్ అంటే పరిశీలించడం, ప్రశ్నించడం, విశ్లేషించడం మరియు కొత్త జ్ఞానాన్ని కనుగొనే ప్రక్రియ అని పరిశోధనా నైపుణ్యాలు విద్యార్థులలో పెంపొందించడమే కాకుండా, వాస్తవ జీవిత సమస్యలను పరిష్కరించే సామర్థ్యాన్ని అభివృద్ధి చేస్తాయని అన్నారు.కార్యక్రమం లో కిరణ్మయి, భాను, జాహ్నవి దేవి , తబిత, పుష్ప,విద్యార్థినులు పాల్గొన్నారు.

నవలను మనసుల చనువన్నారు.

విజయవాడ లబ్ధిపేట న్యూస్....



నవలను మనసుల చనువన్నారు.

విజయవాడ లబ్ధిపేట న్యూస్....



15. 7. 26.... (పుస్తకమీ ప్రతినిధి దాష్టర్ కుంజాల గుడిమెళ్ళ)

శ్రీ దుర్గా కుజేళ్ళుర సిద్ధార్థ కుమార్తా చళాశాలలో గణితశాస్త్ర విభాగం వారు “ప్రాజెక్ట్ కర్వీ ద్వారా పరిశోధనా నైపుణ్యాలను పెంపొందించుకోవడం” (building research skills through project work) అనే అంశంపై అతిథి ఉపన్యాసాన్ని నిర్వహించారు. సిద్ధార్థ అరాదమీ ఆఫ్ హయ్యర్ ఎడ్యుకేషన్ (డిప్లొ యూనివర్సిటీ) అసోసియేట్ ప్రొఫెసర్ దాష్టర్ ఎస్. రామకృష్ణ ప్రసాద్ గారు విద్యార్థులు ఇలా ఉద్దేశించి కూర్చుంటూ ప్రాజెక్ట్ ఆధారిత పరిశోధనలపై ఎంతో విలువైన అంతర్దృష్టులను పంచుకున్నారు. ఈ ఉపన్యాసం విద్యార్థులకు ఎంతగానో సహాయకారిగా ఉంది. అందుకు, అత్యంత ఆసక్తిగా ఉంది. మరియు విద్యార్థుల గుండి కుంటి స్పందనకు తెలియజేశారు. విజయవంతంగా సాగిన ఈ దాష్టర్ కుంజాలలో గణిత శాస్త్ర విభాగ అధ్యక్షులు, చళాశాల ప్రెసిడెంట్ దాష్టర్ పి. దుర్గావతి.. మరియు అధ్యాపకులు రిరణ్ణయి, ధానుప్రయ, దా. ప్రకాష్, చాపూరి, తదిత, పుష్ప మరియు విద్యార్థినులు పాల్గొన్నారు.

ATTENDANCE SHEET

ATTENDANCE SHEET

DEPARTMENT OF MATHEMATICS

GUEST LECTURE

On

“ BUILDING RESEARCH SKILLS THROUGH PROJECT WORK ”

Resource Person: Dr.Rama Vara Prasad Chavali,

Associate Professor, Department of Civil Engineering,

VR Siddhartha School of Engineering,

Siddhartha Academy of Higher Education-Deemed to be University

Kanuru, Vijayawada, Andhra Pradesh-520007.

DATE:15.7.2026(WEDNESDAY) TIME:2.30PM-4.15PM

S.NO	ROLL NO	CLASS	STUDENT NAME	STUDENT SIGNATURE
1	2431335	III Bsc Maths	B. Deepika	B. Deepika
2	2431345	III Bsc Maths	Ch. Mamatha	Ch. Mamatha
3	2431345	III Bsc Maths	D. Manthannamma	D. Manthannamma
4	2541405	II Bsc comp	J. Bebi Anshitha	J. Bebi Anshitha
5	2541445	II Bsc comp	K. Revathi	K. Revathi
6	2531345	II Bsc Maths	Ch. Harini	Ch. Harini
7	2531085	II Bsc Maths	T. Meghana	T. Meghana
8	2531635	II Bsc Maths	V. Akshitha	V. Akshitha
9	2531485	II Bsc Maths	K. Subhana	K. Subhana
10	2531525	II Bsc Maths	P. Bhavana	P. Bhavana
11	2531355	II Bsc Maths	Ch. Chandrika	Ch. Chandrika
12	2531685	II Bsc Maths	V. V. N. Pooja	V. V. N. Pooja
13	2531425	II Bsc Maths	K. Kalasri	K. Kalasri
14	2531055	II Bsc Maths	N. Deva Krupa	N. Deva Krupa
15	2531865	II Bsc Maths	Ch. Tulja	Ch. Tulja
16	2531405	II Bsc Maths	E. Anjali	E. Anjali
17	2531465	II Bsc Maths	K. Divya Sai	K. Divya Sai
18	2531615	II Bsc Maths	K. Lavanya	K. Lavanya

19	2531455	II Bsc Maths	K. Anjali	K. Anjali
20	2531075	II Bsc Maths	Sk. Shanum	Sk. Shanum
21	2531095	II Bsc Maths	U. Dharani Priya	U. Dharani Priya
22	2531385	II Bsc Maths	D. Bharu	D. Bharu
23	2531335	II Bsc Maths	B. Revathi	B. Revathi
24	2531605	II Bsc Maths	Sk. Nainisha	Sk. Nainisha
25	2531435	II Bsc Maths	K. Harini	K. Harini
26	2531615	II Bsc Maths	T. Lakshmi	T. Lakshmi
27	2531475	II Bsc Maths	K. Hymavathi	K. Hymavathi
28	2531015	II Bsc Maths	B. Nandini	B. Nandini
29	2531315	II Bsc Maths	A. Divya Lakshmi	A. Divya Lakshmi
30	2531375	II Bsc Maths	D. V. N. Sagarika	D. V. N. Sagarika
31	2531375	II Bsc Maths	Ch. Haritha	Ch. Haritha
32	2531415	II Bsc Maths	J. Raja Haritha	J. Raja Haritha
33	2541685	II Bsc (Comp-A)	V. Naganayana	V. Naganayana
34	2541395	II Bsc (Comp-A)	B. Gowthami	B. Gowthami
35	2541445	II Bsc (Comp-A)	K. Rukitha	K. Rukitha
36	2541065	II Bsc (Comp-A)	N. Pooja	N. Pooja
37	2541315	II Bsc (Comp-A)	A. Rajasri	A. Rajasri
38	2541505	II Bsc (Comp-A)	M. Raji	M. Raji
39	2541075	II Bsc (Comp-A)	SL. Rajeswari	SL. Rajeswari
40	2541055	II Bsc (Comp-A)	MD. Tahseen Kowser	MD. Tahseen Kowser
41	2541015	II Bsc (Comp-A)	B. Navaneetha	B. Navaneetha
42	2541485	II Bsc (Comp-A)	M. Akshaya	M. Akshaya
43	2541565	II Bsc (Comp-A)	P. Baby Gayathri	P. Baby Gayathri
44	2541545	II Bsc (Comp-A)	P. Keerthana	P. Keerthana
45	2541585	II Bsc (Comp-A)	R. Saranya	R. Saranya
46	2541035	II Bsc (Comp-A)	K. Panya Deepika	K. Panya
47	2541435	II Bsc (Comp-A)	K. Vanitha	K. Vanitha
48	2541465	II Bsc (Comp-A)	K. Sandhya	K. Sandhya
49	2541535	II Bsc (Comp-A)	O. Divya Srichandana	O. Divya Srichandana
50	2541085	II Bsc (Comp-A)	S. D. Sadhika	S. D. Sadhika

51	2541572	II BSc (comp-A)	P. Tulasi	Tulasi P
52	2541655	II BSc (comp-A)	V. Manasa	V. Manasa
53	2541585	II BSc (comp-A)	N. Ramya	N. Ramya
54	2541395	II BSc (comp-A)	G. Sai Lakshmi	G. Sai Lakshmi
55	2541413	II BSc (comp-A)	T. Teja Sri	T. Teja Sri
56	2541605	II BSc (comp-A)	Sh. Shahida	Sh. Shahida
57	2541345	II BSc (comp-A)	B. Gnapika Sankar	B. Gnapika
58	25411045	II BSc (comp-A)	MD. Abeerunnisa	MD. Abeerunnisa
59	2541595	II BSc (comp-A)	S. Mangana	S. Mangana
60	2541645	II BSc (comp-A)	V. Sai Ji Ganga	V. Sai Ji Ganga
61	2541555	II BSc (comp-A)	P. Reethika	P. Reethika
62	2541315	II BSc (comp-A)	Ch. Bhavani Kanti	Ch. Bhavani Kanti
63	2541345	II BSc (comp-A)	T. Meghana	T. Meghana
64	2541085	II BSc (comp-A)	S. Sathya	S. Sathya
65	2542395	II BSc (comp-A)	P. Revathi	P. Revathi
66	2542505	II BSc (comp-A)	L. Tirthimayi	L. Tirthimayi
67	2542528	II BSc (comp-A)	N. Gayathri	N. Gayathri
68	2542075	II BSc (comp-A)	P. Vaishnavi Pring	P. Vaishnavi
69	2542085	II BSc (comp-A)	V. Lalanya	V. Lalanya
70	2542095	II BSc (comp-A)	V. Rishitha	V. Rishitha
71	2542655	II BSc (comp-A)	V. Varshitha	V. Varshitha
72	2542065	II BSc (comp-A)	P. Poojitha	P. Poojitha
73	2542685	II BSc (comp-A)	L. Triveni	L. Triveni
74	2542545	II BSc (comp-A)	O. Chandini	O. Chandini
75	2542515	II BSc (comp-A)	M. Sandhya	M. Sandhya
76	2542535	II BSc (comp-A)	R. Sindhu	R. Sindhu
77	2542605	II BSc (comp-A)	V. Poojitha	V. Poojitha
78	2542365	II BSc (comp-A)	R. Bhargavi	R. Bhargavi
79	2542345	II BSc (comp-A)	B. Lakshmi Praveeni	B. Lakshmi Praveeni
80	2542345	II BSc (comp-A)	B. Harini	B. Harini
81	2542345	II BSc (comp-A)	N. Gauthika	N. Gauthika
82	2542635	II BSc (comp-A)	N. Gauthika	N. Gauthika
83	2542635	II BSc (comp-A)	G. Anusha	G. Anusha

84	2542595	II BSc (comp-B)	SK. Fakhima	SK. Fakhima
85	2542065	II BSc (comp-B)	B. Venkela	B. Venkela
86	2542415	II BSc (comp-B)	G. Tridiva	G. Tridiva
87	2542315	II BSc (comp-B)	A. Anusha	A. Anusha
88	2542555	II BSc (comp-B)	B. Lakshmi Durga	B. Lakshmi Durga
89	2542105	II BSc (comp-B)	Omni Sai V	Omni Sai V
90	2542445	II BSc (comp-B)	T. Shalini	T. Shalini
91	2542595	II BSc (comp-B)	V. Anusha	V. Anusha
92	2542615	II BSc (comp-B)	V. Anusha	V. Anusha
93	2542495	II BSc (comp-B)	N. Anusha	N. Anusha
94	2542465	II BSc (comp-B)	N. Anusha	N. Anusha
95	2542055	II BSc (comp-B)	N. Anusha	N. Anusha
96	2542405	II BSc (comp-B)	D. Deepa	D. Deepa
97	2542495	II BSc (comp-B)	K. Sandhya	K. Sandhya
98	2542355	II BSc (comp-B)	B. Poojitha	B. Poojitha
99	2542585	II BSc (comp-B)	S. K. K. K. K.	S. K. K. K. K.
100	2542585	II BSc (comp-B)	S. K. K. K. K.	S. K. K. K. K.
101	2542065	II BSc (comp-B)	M. Fakhima	M. Fakhima
102	2542515	II BSc (comp-B)	S. Poojitha	S. Poojitha
103	2542395	II BSc (comp-B)	G. Anusha	G. Anusha
104	2542405	II BSc (comp-B)	T. Sandhya	T. Sandhya
105	2542565	II BSc (comp-B)	N. Anusha	N. Anusha
106	2542555	II BSc (comp-B)	V. Anusha	V. Anusha
107	2542535	II BSc (comp-B)	S. Anusha	S. Anusha
108	2542445	II BSc (comp-B)	M. Bhavani	M. Bhavani
109	2542455	II BSc (comp-B)	M. Bhavani	M. Bhavani
110	2542445	II BSc (comp-B)	T. Anusha	T. Anusha
111	2542445	II BSc (comp-B)	P. Anusha	P. Anusha
112	2542445	II BSc (comp-B)	P. Teja Sai	P. Teja Sai
113	2542445	II BSc (comp-B)	A. Anusha	A. Anusha
