



DEPARTMENT OF CHEMISTRY

LAB TO SCHOOL

The “Lab to School” program is an innovative outreach initiative designed to bridge the gap between higher education institutions and school-level learning. This Programme Organized by Department of Chemistry with help of “Hi Glow” bus facility for “LAB ON WHEELS” provided by the College in which lecturers and Postgraduate students, the program aims to take the excitement of scientific experiments, demonstrations, and practical learning beyond the college laboratory and into schools. Through this initiative, school children are introduced to scientific concepts in a simple, activity-based, and experiential manner. Demonstrations of experiments, interactive sessions, and real-life applications of classroom concepts help to stimulate curiosity and encourage critical thinking among young learners.

The active involvement of PG students not only enriches the teaching-learning process but also provides them with an opportunity to enhance their communication, teaching, and leadership skills. Meanwhile, the guidance of lecturers ensures the scientific accuracy, structure, and smooth organization of the program. This collaborative effort creates a platform where school students gain exposure to science beyond textbooks, PG students develop confidence and pedagogical skills, and lecturers contribute to community outreach and educational development. Ultimately, the “Lab to School” program nurtures a culture of scientific temper, curiosity, and innovation among the younger generation.

Date of the Programme: 18.07.2025

Visited School: ZPP High School, Vedullapalli, Seethanagaram Mandal, East Godavari District.

Lecturers and PG Students of I. MSc. Chemistry Participated :

S.No.	Name of the Faculty	Name of the Students
1.	Dr. L. Rajeswari – Coordinator	J. Dhana Lakshmi, I.M.Sc., Chemistry
2.	Dr. M. Padmaja., Lecturer	G.V.D.B. Bhavana, I.M.Sc., Chemistry
3.	Dr. G. Tejaswini, Lecturer	V. Harisha, I.M.Sc., Chemistry
4.	Dr. M. Santha Kumari, Lecturer	M. Prasanna, I.M.Sc., Chemistry
5.	Dr. P. Surekha, Lecturer	K. Sowmya Sri, I.M.Sc., Chemistry
6.	Dr.CH. Rajani, Lecturer	K. Keerthi, I.M.Sc., Chemistry
7.	Dr. ESSR. Sarma, Lecturer	V. Rachel, I.M.Sc., Chemistry
8.	Smt. J. Sashi Sree, Lecturer	D. Susmitha, I.M.Sc., Chemistry
9.		S. Satwika, I.M.Sc., Chemistry
10.		R. Meghana, I.M.Sc., Chemistry
11.		G.V.V.Sai Eswar, I.M.Sc., Chemistry
12.		M. Nagendra, I.M.Sc., Chemistry
13.		V.Siva, I.M.Sc., Chemistry
14.		K. Sai Subash, I.M.Sc., Chemistry
15.		K. Siva Ganesh, I.M.Sc., Chemistry
16.		Ch.L.G.Vara Prasad, I.M.Sc., Chemistry
17.		Y.Gangadhar, I.M.Sc., Chemistry

Total School Students Participated: 123

Objectives of this Program:

- To bridge the gap between theoretical concepts taught in schools and their practical applications through live demonstrations.
- To promote scientific curiosity and critical thinking among school students by exposing them to hands-on experiments.
- To motivate young learners towards higher education and careers in science and technology.
- To develop teaching, communication, and leadership skills among PG students through active participation.
- To enhance community engagement by involving colleges in strengthening school-level education.
- To cultivate scientific temper and problem-solving abilities in students from an early stage.
- To encourage collaborative learning between UG lecturers, PG students, and school children for mutual academic growth.



Lab to School programme organized and used Hi-Glow bus facility provided by Our College



Introduction to Glassware and Equipments used in Chemistry Laboratory



Introduction to Glassware and Equipments used in Chemistry Laboratory



Interaction with School students



Interaction with School students



Experiments Demonstrated by PG Students



Experiments Demonstrated by PG Students



Experiments Demonstrated by PG Students



Hands on Experience by School Students



Hospitality provided by ZPP High School



Feedback by Head master

ఈనాడు తూర్పుగోదావరి

వెంకటేశ్వరం, 19 జూలై 2025

ప్రయోగ పాఠాలు



చేపిన్కాడ, మాన్మిడి: రాజమహేంద్రవరం ప్రభుత్వ ఆర్ట్స్ కళాశాల రసాయన శాస్త్ర విభాగం ఇన్స్టిట్యూట్ ఉత్తరవారు ల్యాబ్ ఓ సెల్లో శాస్త్ర ప్రయోగం నిర్వహించారు. దీనిలో భాగంగా రసాయన శాస్త్ర అధ్యాపకులు, పీజీ విద్యార్థులు సీతారంగం మండలంలోని వెదుళ్ళపల్లి జిల్లా పరిషత్ ఉన్నత పాఠశాల విద్యార్థులకు ప్రయోగ పాఠాలు నివరించారు. కి, కి, III తరగతి విద్యార్థులకు రసాయన శాస్త్రంలోని ప్రాథమిక రసాయన, అమ్లత్వం, బలత్వం, పిండి పదార్థాలు, ప్రొటీన్లు గుర్తించే పద్ధతులు, రసాయన చర్యలను ప్రయోగపూర్వకంగా చేసే చూపించారు.

ప్రజాశక్తి

వెంకటేశ్వరం 19 జూలై 2025 5 తూర్పుగోదావరి

రసాయన శాస్త్రంపై ఆసక్తి పెంపునకు ల్యాబ్ ఆన్ వీల్స్



చేపిన్కాడ - మాన్మిడి: రాజమహేంద్రవరం ప్రభుత్వ ఆర్ట్స్ కళాశాల రసాయన శాస్త్ర విభాగం ఇన్స్టిట్యూట్ ఉత్తరవారు ల్యాబ్ ఓ సెల్లో శాస్త్ర ప్రయోగం నిర్వహించారు. దీనిలో భాగంగా రసాయన శాస్త్ర అధ్యాపకులు, పీజీ విద్యార్థులు సీతారంగం మండలంలోని వెదుళ్ళపల్లి జిల్లా పరిషత్ ఉన్నత పాఠశాల విద్యార్థులకు ప్రయోగ పాఠాలు నివరించారు. కి, కి, III తరగతి విద్యార్థులకు రసాయన శాస్త్రంలోని ప్రాథమిక రసాయన, అమ్లత్వం, బలత్వం, పిండి పదార్థాలు, ప్రొటీన్లు గుర్తించే పద్ధతులు, రసాయన చర్యలను ప్రయోగపూర్వకంగా చేసే చూపించారు.

The Hans India

SATURDAY 10 JULY 2025 | THE HANS INDIA | VUJAYAWADA

Hans India

‘Lab to School’ initiative whets curiosity

The programme’s primary objective was to demystify chemistry and ignite a passion for scientific exploration

DEKATHITA SURESHKANTHAN
RAGABHENDRAPURAM

In a commendable effort to foster scientific interest among rural students, the Chemistry Department of Government Arts College (Autonomous), Rajamahendravaram, on Friday successfully conducted a Lab to School programme at Jilla Pravidal High School Plus, Vedulaipalli, Sankaragiri mandal.

Faculty members and postgraduate students from the college bringing hands-on chemistry experiments directly to the school students. The programme’s primary objective was to demystify chemistry and ignite a passion for scientific exploration.

The event received a warm reception and strong support from the school. Headmaster NTV Satyanarayana, and In-charge Y. Venkatesh Babu. Practical demonstration of chemistry experiments, specifically those included in the syllabus of Class 9, 10,



Students being explained about the chemistry experiments.

and 10, were performed and explained in detail. Students were actively engaged in observing and understanding experiments such as identifying different types of solutions, conducting tests for acids, bases, starch, and proteins, and distinguishing various types of chemical reactions. The emphasis was on a hands-on, experimental approach to learning.

To facilitate this vital outreach, Principal Prof. Sankaranandan BK of Government Arts College arranged for the High School, providing the transportation of equipment and personnel. The programme was formally inaugurated by College Principal Prof. Sankaranandan BK, Head of the Chemistry Department T. Suresh Babu, and Programme Coordinator D. L. Sankaranandan.

Several dedicated Chemistry faculty members and postgraduate students from the college actively participated in making this educational initiative a resounding success, having a positive impact on the young minds of Vedulaipalli.

Paper Clippings

List of School students Participated and Feedback:
 Total School Students Participated: 123

Admission

Lat to school programme

Name of school: SRM Institute of Science and Technology, Valluvarpettai, Srirangapatnam, Madurai

List of students participated

Sl. No.	Student Name	Class	Signature	Feedback
1	A. Anand	10 th	A. Anand	Good
2	A. Anand	10 th	A. Anand	Good
3	A. Anand	10 th	A. Anand	Good
4	A. Anand	10 th	A. Anand	Good
5	A. Anand	10 th	A. Anand	Good
6	A. Anand	10 th	A. Anand	Good
7	A. Anand	10 th	A. Anand	Good
8	A. Anand	10 th	A. Anand	Good
9	A. Anand	10 th	A. Anand	Good
10	A. Anand	10 th	A. Anand	Good
11	A. Anand	10 th	A. Anand	Good
12	A. Anand	10 th	A. Anand	Good
13	A. Anand	10 th	A. Anand	Good
14	A. Anand	10 th	A. Anand	Good
15	A. Anand	10 th	A. Anand	Good
16	A. Anand	10 th	A. Anand	Good
17	A. Anand	10 th	A. Anand	Good
18	A. Anand	10 th	A. Anand	Good
19	A. Anand	10 th	A. Anand	Good
20	A. Anand	10 th	A. Anand	Good
21	A. Anand	10 th	A. Anand	Good
22	A. Anand	10 th	A. Anand	Good
23	A. Anand	10 th	A. Anand	Good
24	A. Anand	10 th	A. Anand	Good
25	A. Anand	10 th	A. Anand	Good
26	A. Anand	10 th	A. Anand	Good
27	A. Anand	10 th	A. Anand	Good
28	A. Anand	10 th	A. Anand	Good
29	A. Anand	10 th	A. Anand	Good
30	A. Anand	10 th	A. Anand	Good
31	A. Anand	10 th	A. Anand	Good
32	A. Anand	10 th	A. Anand	Good
33	A. Anand	10 th	A. Anand	Good
34	A. Anand	10 th	A. Anand	Good
35	A. Anand	10 th	A. Anand	Good
36	A. Anand	10 th	A. Anand	Good
37	A. Anand	10 th	A. Anand	Good

Sl. No.	Student Name	Class	Signature	Feedback
38	A. Anand	10 th	A. Anand	Good
39	A. Anand	10 th	A. Anand	Good
40	A. Anand	10 th	A. Anand	Good
41	A. Anand	10 th	A. Anand	Good
42	A. Anand	10 th	A. Anand	Good
43	A. Anand	10 th	A. Anand	Good
44	A. Anand	10 th	A. Anand	Good
45	A. Anand	10 th	A. Anand	Good
46	A. Anand	10 th	A. Anand	Good
47	A. Anand	10 th	A. Anand	Good
48	A. Anand	10 th	A. Anand	Good
49	A. Anand	10 th	A. Anand	Good
50	A. Anand	10 th	A. Anand	Good
51	A. Anand	10 th	A. Anand	Good
52	A. Anand	10 th	A. Anand	Good
53	A. Anand	10 th	A. Anand	Good
54	A. Anand	10 th	A. Anand	Good
55	A. Anand	10 th	A. Anand	Good
56	A. Anand	10 th	A. Anand	Good
57	A. Anand	10 th	A. Anand	Good
58	A. Anand	10 th	A. Anand	Good
59	A. Anand	10 th	A. Anand	Good
60	A. Anand	10 th	A. Anand	Good

Sl. No.	Student Name	Class	Signature	Feedback
61	A. Anand	10 th	A. Anand	Good
62	A. Anand	10 th	A. Anand	Good
63	A. Anand	10 th	A. Anand	Good
64	A. Anand	10 th	A. Anand	Good
65	A. Anand	10 th	A. Anand	Good
66	A. Anand	10 th	A. Anand	Good
67	A. Anand	10 th	A. Anand	Good
68	A. Anand	10 th	A. Anand	Good
69	A. Anand	10 th	A. Anand	Good
70	A. Anand	10 th	A. Anand	Good
71	A. Anand	10 th	A. Anand	Good
72	A. Anand	10 th	A. Anand	Good
73	A. Anand	10 th	A. Anand	Good
74	A. Anand	10 th	A. Anand	Good
75	A. Anand	10 th	A. Anand	Good
76	A. Anand	10 th	A. Anand	Good
77	A. Anand	10 th	A. Anand	Good
78	A. Anand	10 th	A. Anand	Good
79	A. Anand	10 th	A. Anand	Good
80	A. Anand	10 th	A. Anand	Good
81	A. Anand	10 th	A. Anand	Good
82	A. Anand	10 th	A. Anand	Good
83	A. Anand	10 th	A. Anand	Good
84	A. Anand	10 th	A. Anand	Good
85	A. Anand	10 th	A. Anand	Good
86	A. Anand	10 th	A. Anand	Good
87	A. Anand	10 th	A. Anand	Good
88	A. Anand	10 th	A. Anand	Good
89	A. Anand	10 th	A. Anand	Good
90	A. Anand	10 th	A. Anand	Good
91	A. Anand	10 th	A. Anand	Good
92	A. Anand	10 th	A. Anand	Good
93	A. Anand	10 th	A. Anand	Good
94	A. Anand	10 th	A. Anand	Good
95	A. Anand	10 th	A. Anand	Good
96	A. Anand	10 th	A. Anand	Good
97	A. Anand	10 th	A. Anand	Good
98	A. Anand	10 th	A. Anand	Good
99	A. Anand	10 th	A. Anand	Good
100	A. Anand	10 th	A. Anand	Good

Sl. No.	Student Name	Class	Signature	Feedback
101	A. Anand	10 th	A. Anand	Good
102	A. Anand	10 th	A. Anand	Good
103	A. Anand	10 th	A. Anand	Good
104	A. Anand	10 th	A. Anand	Good
105	A. Anand	10 th	A. Anand	Good
106	A. Anand	10 th	A. Anand	Good
107	A. Anand	10 th	A. Anand	Good
108	A. Anand	10 th	A. Anand	Good
109	A. Anand	10 th	A. Anand	Good
110	A. Anand	10 th	A. Anand	Good
111	A. Anand	10 th	A. Anand	Good
112	A. Anand	10 th	A. Anand	Good
113	A. Anand	10 th	A. Anand	Good
114	A. Anand	10 th	A. Anand	Good
115	A. Anand	10 th	A. Anand	Good
116	A. Anand	10 th	A. Anand	Good
117	A. Anand	10 th	A. Anand	Good
118	A. Anand	10 th	A. Anand	Good
119	A. Anand	10 th	A. Anand	Good
120	A. Anand	10 th	A. Anand	Good
121	A. Anand	10 th	A. Anand	Good
122	A. Anand	10 th	A. Anand	Good
123	A. Anand	10 th	A. Anand	Good

Outcomes of this Program:

- Enhanced Learning for School Students – Students gain better understanding of science concepts through practical demonstrations and interactive sessions.
- Increased Interest in Science – The hands-on approach encourages curiosity and motivates school children to pursue higher studies in science.
- Skill Development for PG Students – PG participants improve their teaching, communication, and presentation skills while interacting with younger learners.
- Community Engagement – Strengthened linkages between colleges and schools foster a collaborative learning culture.
- Capacity Building – UG lecturers get an opportunity to extend their teaching beyond the classroom, contributing to educational development in society.
- Promotion of Scientific Temper – The program nurtures critical thinking, problem-solving ability, and innovation among school children.
- Sustainable Academic Culture – Establishes a foundation for continuous knowledge sharing between higher education institutions and schools.