



SVA Government College, Srikalahasti

Department of Chemistry

Profile:

Founded in 1966, the Department of Chemistry at SVA Government College, Srikalahasti, has played a pivotal role in advancing scientific education in the region. Initially providing B.Sc (MPC) and B.Sc (BZC) courses, the department has now progressed to offer B.Sc (BZC) and B.Sc (Hon) Chemistry programs, addressing a diverse array of academic interests and career goals in the field of chemistry. The Department of Chemistry features two chemistry laboratories and a storeroom, offering students hands-on experience and practical skills vital for their academic and professional development.

Courses Offered

- **B.Sc (Hon) Chemistry:** This course provides an in-depth chemical education, covering various branches of chemistry and preparing students for advanced studies and careers in chemistry and related fields.
- **B.Sc (BZC):** Integrating the study of Botany, Zoology, and Chemistry, this program offers a broad understanding of both biological and chemical sciences.
- **Chemistry as a Minor Subject:** Available to students pursuing B.Sc (Hon) Mathematics, B.Sc (Hon) Computer Science and B.Sc(Hon), Zoology, providing foundational chemical knowledge alongside their major studies.

Faculty and Staff

S.No	Name	Qualification	Designation	Experience
Teaching Staff				
1	Dr.A.Ramesh Babu	M.Sc,Ph.D, NET-JRF, GATE	Lecturer	13 Years
2	K.Sivalakshmi Koteswaramma	M.Sc, M.Phil	Contract Lecturer	20 Years
Non-Teaching Staff				
3	S. Bhaskara Rao	B.A	Store keeper	29 Years

Faculty Members worked during the Past Five Years (2018 to 2023)

S.No	Name	Qualification	Designation	Period	Experience
1	Dr.B. Naga Seshadri	M.Sc, Ph.D, NET-JRF	Lecturer	2017 to 2023	13
2	Sri. P. Naveen	M.Sc, NET	Lecturer	2017-2023	12
3	Dr.A.C.H. Chandrasekhar	M.Sc, Ph.D	Lecture (PTL)	2017-2021	31
4	Smt. K.Sara Subudhi	M.Sc	Lecturer	2021-2023	20
5	Dr. P. Neeradha	M.Sc, Ph.D	Lecturer	2021-2022	20

Student Teacher Ratio (AY: 2024-2025)

Course	No. of Faculty	No. of Students	Ratio
B.Sc (Hon) Chemistry	02	20	1:10
B.Sc (BZC)	02	10	1:5
Chemistry Minor	02	09	1:5
Total	02	39	1:20

Facilities available

- No. of Laboratories: 02
- No. of Store Rooms: 01
- No. of Computer Systems: 02
- No. of Printers: 01
- No. of LCD Projectors: 01
- Department Library with 157 books

Research Projects, Research Papers and Books Details

- No. of Research Projects funded by UGC, CSIR, DST etc: NIL
- No. of Research Papers Published by faculty: 21
- No. of Books Published by faculty: NIL
- No. Seminar organized: NIL
- No. of Consultancy Projects: NIL
- No. of Research Guides: NIL

Best Practices of the Department

- Department involves in Project work on Decomposition of garden waste by suing Waste Decomposition Solution
- Faculty members contributing money for purchase of prizes for different competitions among students on occasion of World Science Day
- Faculty members donating money for purchasing fans and white board to the Department.
- ICT based teaching learning practice
- Encourages students to enrol in online certificate courses

Result Analysis

AY: 2023-24

VI Semester (Internship)

S.No	Course	No. of Students Appeared	No. of Students Passed	Pass %
1	B.Sc (MPC)	10	10	100%
2	B.Sc (BZC)	30	30	100%

V Semester

S.No	Course	Paper	No. of Students Appeared	No. of Students Passed	Pass %
1	B.Sc (MPC)	6B	10	08	80.0%
2	B.Sc (BZC)	6B	29	27	93.1%
3	B.Sc (MPC)	7B	10	07	70.0%
4	B.Sc (BZC)	7B	30	23	76.7%
	Average	6B	39	35	89.7%
		7B	40	30	75.0%

Lecturer wise result analysis

Name of the Paper	Name of the Lecturer	No. of Students Appeared	No. of Students Passed	Pass%
Paper 6B	Smt K S L Koteswaramma	39	35	89.74%
Paper 7B	Dr. A. Ramesh Babu	40	30	75.00%

AY: 2022-23

VI Semester (Internship)

S.No	Course	No. of Students Appeared	No. of Students Passed	Pass %
1	B.Sc (BZC-EM)	22	22	100%
2	B.Sc (BZC-TM)	14	14	100%

V Semester

S.No	Course	Paper	No. of Students Appeared	No. of Students Passed	Pass %
1	B.Sc (BZC-EM)	6B	16	16	100.0%
2	B.Sc (BZC-TM)	6B	15	15	100.0%
3	B.Sc (BZC-EM)	7B	22	18	81.8%
4	B.Sc (BZC-TM)	7B	14	07	50.0%
	Average	6B			
		7B	36	25	69.4%

Lecturer wise result analysis

Name of the Paper	Name of the Lecturer	No. of Students Appeared	No. of Students Passed	Pass%
Paper 6B	Sri. P. Naveen	31	31	100.0%
Paper 7B	Dr. B. Naga Seshadri	36	25	69.4%

Result Analysis

AY: 2021-22

VI Semester

S.No	Course	Paper	No. of Students Appeared	No. of Students Passed	Pass %
1	B.Sc (MPC-EM)	VII	14	11	78.5%
	B.Sc (MPC-TM)	VII	7	7	100.0%
2	B.Sc (BZC-TM)	VII	7	6	85.7%
	B.Sc (BZC-EM)	VII	13	13	100.0%
Lecturer wise result analysis					
1	Sri P. Naveen (TM)	VII	14	13	92.8%
2	Dr. B.Naga Seshadri (EM)	VII	27	24	88.8

V Semester

S.No	Course	Paper	No. of Students Appeared	No. of Students Passed	Pass %
1	B.Sc (MPC)	V	16	14	87.5%
2	B.Sc (BZC)	V	22	22	100%
3	B.Sc (MPC)	VI	16	14	87.5%
4	B.Sc (BZC)	VI	22	22	100%
	Average	V	38	36	94,7%
		VI	38	36	94,7%

Lecturer wise result analysis

Name of the Paper	Name of the Lecturer	No. of Students Appeared	No. of Students Passed	Pass%
V	Sri P. Naveen	38	36	94,7%
VI	Dr. B.Naga Seshadri	38	36	94,7%

AY: 2020-21

VI Semester

S.No	Course	Paper	No. of Students Appeared	No. of Students Passed	Pass %
1	B.Sc (MPC& BZC-TM)	VII	17	17	100.0%
2	B.Sc (MPC & BZC-EM)	VII	11	11	100.0%
3	B.Sc Chemistry Cluster	VIIA	16	16	100.0%
		VIIIB	16	14	87.5%
		VIIC	16	16	100.0%
Lecturer wise result analysis					
1	Sri P. Naveen	VII, VIIA	34	34	100.0%
2	Dr. B.Naga Seshadri	VIIIB , VIIC	32	30	93.7%

AY: 2020-21**V Semester**

S.No	Course	Paper	No. of Students Appeared	No. of Students Passed	Pass %
1	B.Sc (MPC, BZC-EM)	V	12	11	91.6%
2	B.Sc (MPC, BZC-EM)	VI	12	11	91.6%
3	B.Sc (MPC, BZC-TM)	V	17	17	100.0%
4	B.Sc (MPC, BZC-TM)	VI	17	17	100.0%

Lecturer wise result analysis

Name of the Paper	Name of the Lecturer	No. of Students Appeared	No. of Students Passed	Pass%
Paper-V TM	Sri P. Naveen	17	17	100.0%
Paper-V EM	Sri P. Naveen	12	11	91.6%
Paper-VI TM	Dr. B.Naga Seshadri	17	17	100.0%
Paper-VI EM	Dr. B.Naga Seshadri	12	11	91.6%

AY: 2019-20**VI Semester**

S.No	Course	Paper	No. of Students Appeared	No. of Students Passed	Pass %
1	B.Sc (MPC& BZC-TM)	VII	24	24	100.0%
2	B.Sc (MPC & BZC-EM)	VII	12	12	100.0%
3	B.Sc Chemistry Cluster	VIIA	8	8	100.0%
		VIIB	8	8	100.0%
		VIIC	8	8	100.0%

Lecturer wise result analysis

1	Sri P. Naveen	VII, VIIA	32	32	100.0%
2	Dr. B.Naga Seshadri	VIIB , VIIC	32	32	100.0%

V Semester

S.No	Course	Paper	No. of Students Appeared	No. of Students Passed	Pass %
1	B.Sc (MPC, BZC-EM)	V	12	7	58.0%
2	B.Sc (MPC, BZC-EM)	VI	12	9	70.0%
3	B.Sc (MPC, BZC-TM)	V	24	15	62.5%
4	B.Sc (MPC, BZC-TM)	VI	24	24	100.0%

Name of the Paper	Name of the Lecturer	No. of Students Appeared	No. of Students Passed	Pass%
Paper-V TM	Sri P. Naveen	24	15	62.5%
Paper-V EM	Sri P. Naveen	12	7	58.0%
Paper-VI TM	Dr. B.Naga Seshadri	24	24	100.0%
Paper-VI EM	Dr. B.Naga Seshadri	12	9	70.0%