



Smt.NPS Govt.Degree College For Women-Chittoor



www.npsgcwctr.edu.in Email:chittoor.w.jkc@gmail.com

Accredited by NAAC with B Grade
Affiliated to Sri Venkateswara University: Tirupati

Department of Chemistry

PROFILE

The Department of chemistry was started in the year 1998. Dr. M. Narasimha Reddy, Reader in Zoology and then principal of Smt. N.P.S. Govt .college ,Chittoor was instrumental in starting the chemistry department. Dr. R. Bhanumathi, Reader in chemistry is the first teaching staff member of this Department. Only one Bachelors course with the combination of zoology ,Microbiology was started in the Academic year 1998-1999.

As there were no laboratories for conducting practical classes Principal Dr. M. Narasimha Reddy along with us approached the chamber of commerce for financial assistance. They were gracious to consider our request to O. Gopal krishna the then president of chamber of commerce was generous to

contribute One Lakh Rupees on behalf of chamber of commerce for the establishment of chemistry laboratory minimum requirements of the laboratory were met and the first practical Examination was conducted in the 1999. In the year 2001 with a success rate of ~ 90 % the first batch of Graduates came out. Since then each year successful students are coming out and Pursuing higher education.

The Department started with only one Teaching staff member and a contract attender working in the Department of Chemistry. A second teaching post was added in the year 2004. The then Principal (FAC) Sri. J. C. Mani Naidu has represented for second for second teaching post in the Department of Chemistry. Commissioner of Collegiate education A.P Hyderabad sanctioned a second teaching post to the Department of Chemistry.

With the persistent requests from the Department the principal FAC Sri. J.C. Mani Naidu has accepted to provide for a second Chemistry Laboratory for Qualitative analysis and separate store room in the Academic Year 2004-2005.

Department of chemistry has completed one minor research project with topic "By Dr. R. Bhanumathi in the year 2006. To the credit the

department the department is allotted with one more minor research project “with principal invigilator as Dr.B. Anusha in the year 2015.

The Department has well equipped with equipments like water quality analyser, conductivity meters, Potentio Meters, pH meters, overhead projector, Electronic Balance, Melting Point apparatus, Beckmann Thermometer, Hot air oven, Steam bath, Fridge, Two Deionisers, Hot plates, TLC kit in addition to Chemicals and Glassware required for smooth running the course with help of funds like special fee funds, UGC funds, Govt. Funds.

The Department has reputed, with well qualified, experienced and dedicated faculty members whose contribution has been rendered in teaching, LMS e-content generation, book- writing and research activities, Mater trainers, Adjudicators in district and state level competitions like Inspire projects, science exhibitions besides motivating the students for their academic excellence. The faculty members effectively used ICT tools Digital classes, Virtual classes, Google class rooms, online video teaching learning tools, Google meet, Zoom classes and Webex tool during covid period. The faculty members also give Guidance to PG entrance examinations and other Competitive examinations. The faculty members of the dept. are actively participated in administration and academic activities like Chief Superintendents for SVU examinations, act as coordinators ISO, NIRF, AISHE, DRC, Website, YRC.

The department has Six MoUs, one with Foods and Inns pvt. Ltd and Ranga foods, Galla Foods, Crystal ,sericulture department, RMM Food. The department conducted one workshop “Opportunities in plastic waste management & Recycling Techniques” Collaboration with CIPET, Vijayawada on 3rd March, 2020 and one webinar “ Save our nature to Save our future – Ozone for life(35 years of Ozone layer Protection” on occasion of World Ozone day on 16.09.2020. the department also conducted online quizzes, industrial visits, extension activities, seminars, guest lecturers.

Students of chemistry actively organizing academic competition as elocutions, debates, quizzes, essay writing, puzzles and cultural events and Students securing admissions in to Universities like Mysore University, BHU, S.V. University, Sri Krishna Devarayala University, Yogivemana University, Vikram simhapuri university, also students got placements in various positions through JKC of our college.

At present the department has two chemistry laboratories with storeroom and a separate staff room with two members regular staff Dr. P. Surekha and Dr.M.Vanaja is working as Asst.Professors and a skilled Assistant R.Santhi is looking after indent and maintenance of store. Contigant Attender Stallin attends students during practical class and he is looking after the requirements and maintenance of laboratory.

INFORMATION AT A GLANCE DEPARTMENT OF CHEMISTRY

YEAR OF ESTABLISHED : 1998 - 1999

COURSESES SANCTIONED : B. Sc (MZC)

SANCTIONED STRENGTH : 50

ACTUAL STRENGTH : 46 (I YEAR)

: 44 (II YEAR)

:33 (III YEAR)

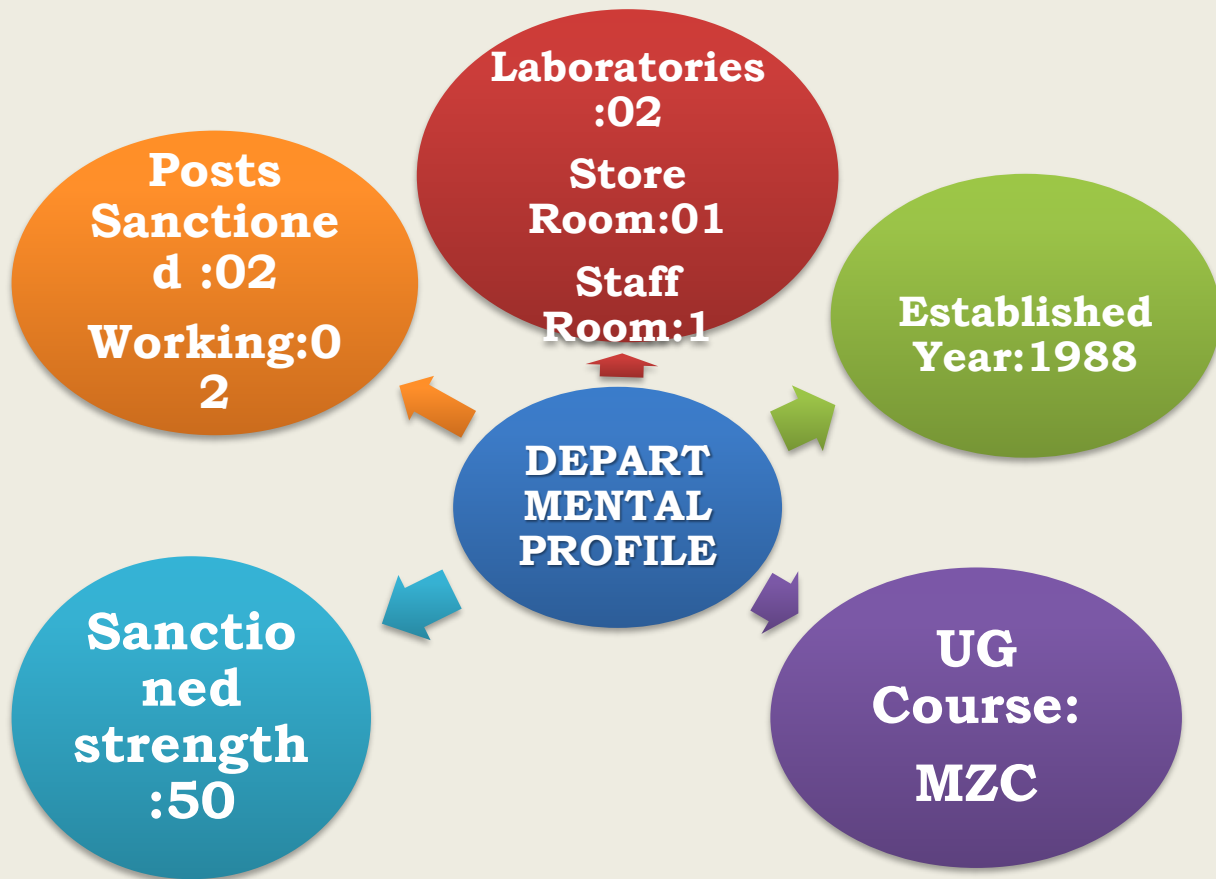
NUMBER OF LABORATORIES : 02

STORE ROOM/STAFF ROOM : 01

NO.OF TEACHING STAFF : 02

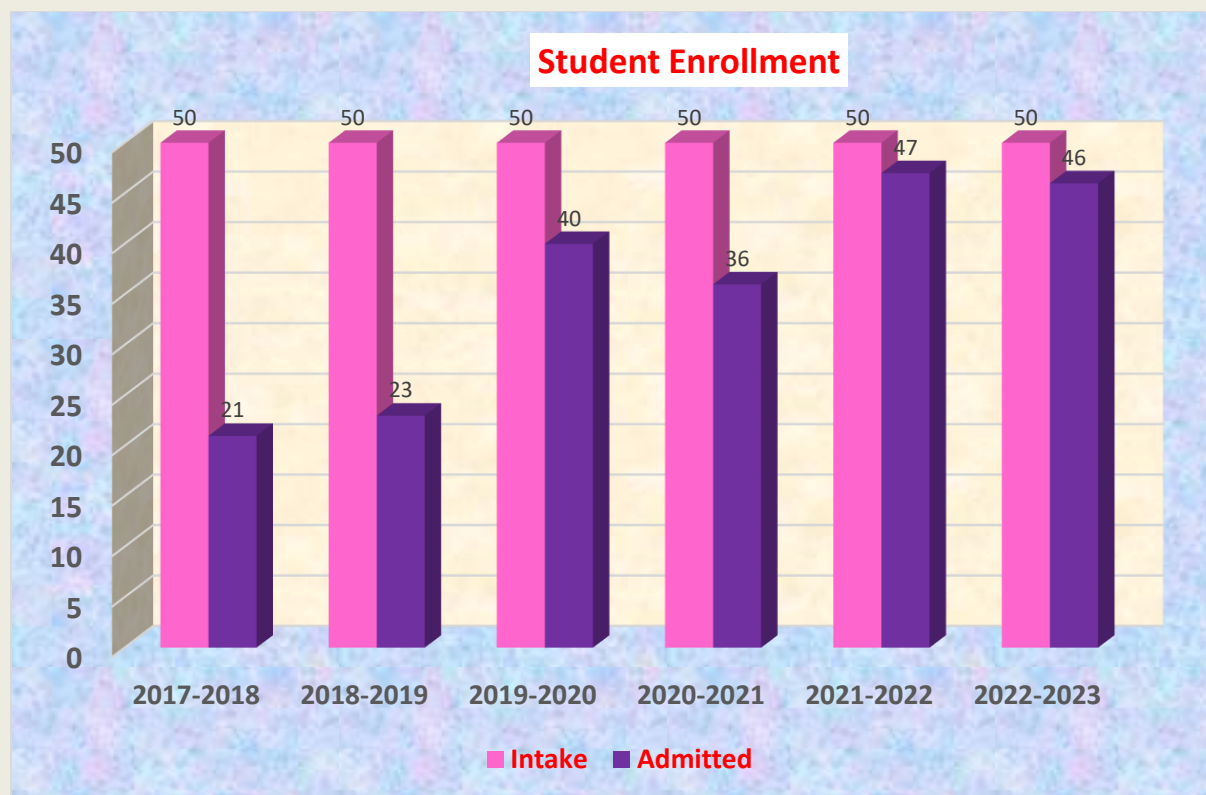
NO.OF NON TEACHING STAFF : 01

NO.OF BOOKS (SUB LIBRARY) : 83

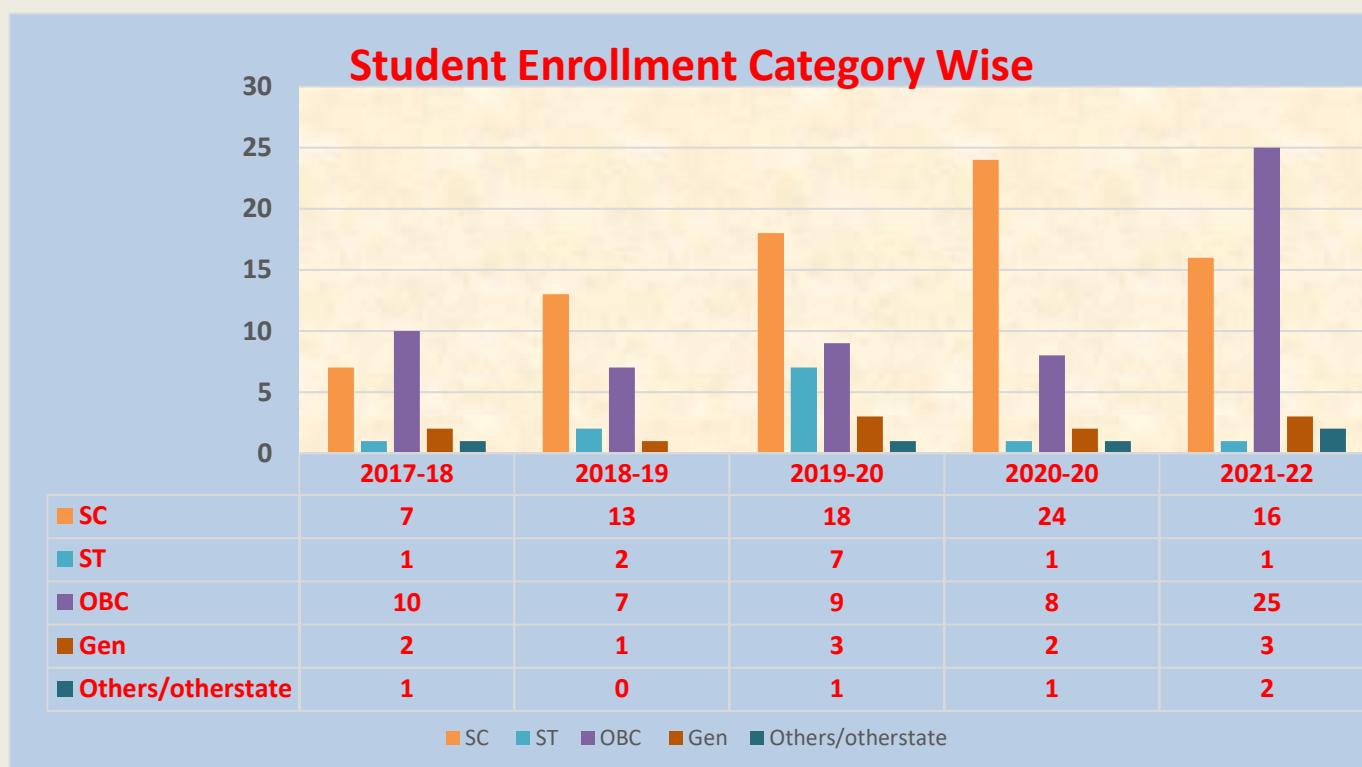


STUDENT ENROLLMENT

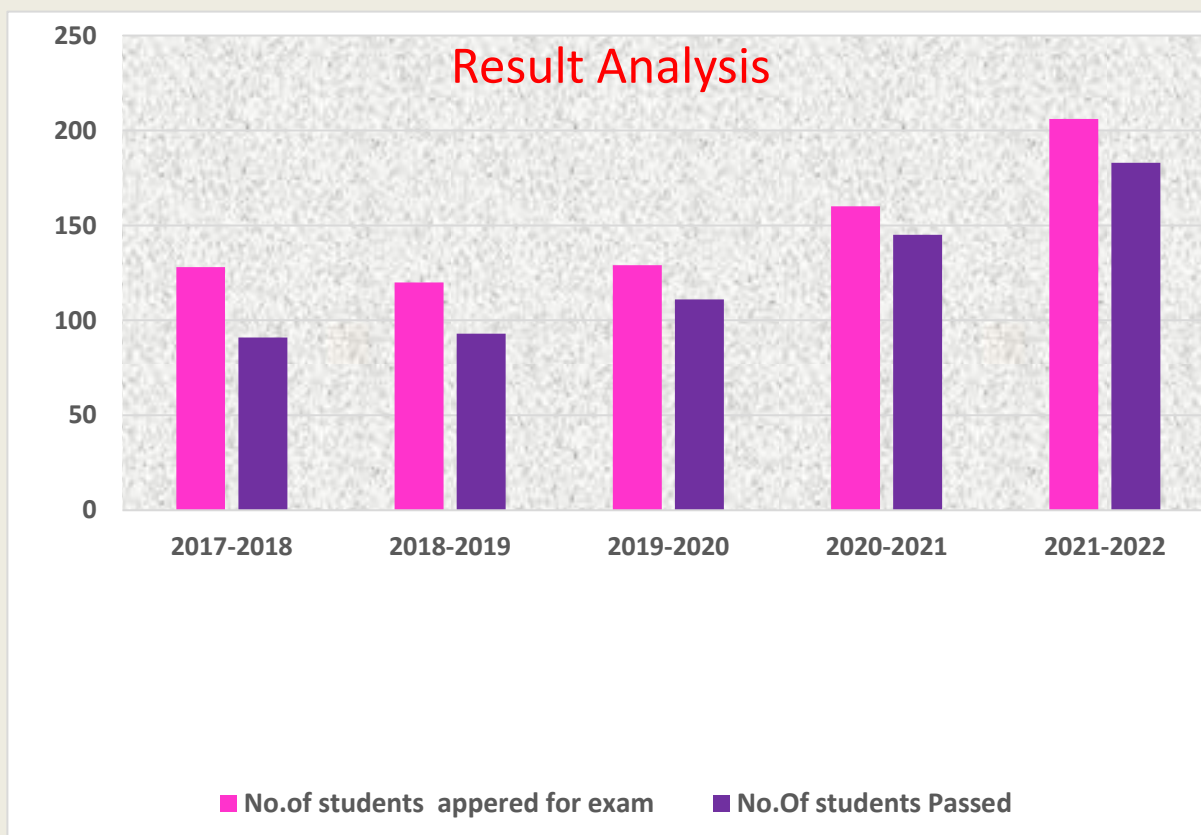
S · N O	ACADEMIC YEAR	INTAKE	I YEAR	II YEAR	III YEAR	Tot al
1	2017-2018	50	21	43	24	88
2	2018-2019	50	23	21	43	87
3	2019-2020	50	40	23	21	84
4	2020-2021	50	36	40	23	99
5	2021-2022	50	47	36	40	123
6 ·	2022-2023	50	46	47	36	129



]



Year	No.of students appered for exam	No.Of students Passed
2017-2018	128	91
2018-2019	120	93
2019-2020	129	111
2020-2021	160	145
2021-2022	206	183



Name of the LecturerName	Qualification	Experience	Research	LMS/MOOCs	Awards/if any
	Dr. P. Surekha M.Sc., B.Ed, Ph.D, PGDCA, PGDHE, CSIR- NET,GATE,APSET	14 years	Publications:09 Patents:02 Book chapters:07 Papers Presented:08 Adjudicator/talks:06	Swayam Courses:05 LMS:03 Author for LSC- Environmental Education Text book RC:04	Best YRC- Coordinator-2022 Content generator/master trainer-AP-CCE- 2022 Best Women Science Teacher- 2019
	Dr. M. Vanaja M.Sc., B.Ed, Ph.D, CSIR- NET,GATE,APSET	6 years	Publications:06 Book chapters:02 Papers Presented:02	LMS:01 RC:01	---