

**SKR & SKR GOVT. COLLEGE FOR
WOMEN (A), KADAPA.**



Department of Chemistry

PROFILE OF DEPARTMENT

❖ Established in the year 1973 – 1974

S.No	Courses Offered
1.	B.Sc (M.P.C) –Maths. Physics. Chemistry
2.	B.Sc (B.Z.C) Telugu medium: Botany. Zoology. Chemistry
3.	B.Sc (B.Z.C) English medium: Botany. Zoology. Chemistry
4.	B.Sc (Bt.Z.C) : Biotechnology. Zoology. Chemistry
5.	B.Sc (B.M.C) : Biochemistry. Microbiology. Chemistry
6.	B.Sc (M.C.Ic): Maths. Chemistry. Industrial Chemistry
7.	B.Sc (B.H.C) : Botany. Horticulture. Chemistry

S.No	Certificate Courses Offered
1.	Chemdraw-Drawing of Chemistry
2.	Health and Nutrition
3.	Food Processing

S.No	Faculty Details	Designation
1.	Smt. L Sudheera M.Sc., M.Phill	In charge/ Lecturer in Chemistry
2.	Dr. K. Nagamuni Reddy M.Sc., Ph.D	Lecturer in Chemistry
3.	Dr. N.Anand Kumar Reddy M.Sc., Ph.D	Lecturer in Chemistry
4.	D. Winnie Teja M.Sc.,	Lecturer in Chemistry
5.	J. Mary Suguna M.Sc., M.Phill	Lecturer in Chemistry
6.	Dr. A L V. Ramana Reddy M.Sc., Ph.D	Lecturer in Chemistry
7.	V. Madhavi M.Sc.,	Lecturer in Chemistry
8.	V. Hima Kumari M.Sc.,	Lecturer in Chemistry

S.No	Non-Teaching Staff Details	Designation
1.	S. Rafi	Record Assistant
2.	R. Rajeswari	Record Assistant
3.	Sankaraih	Store keeper

Lab Equipment

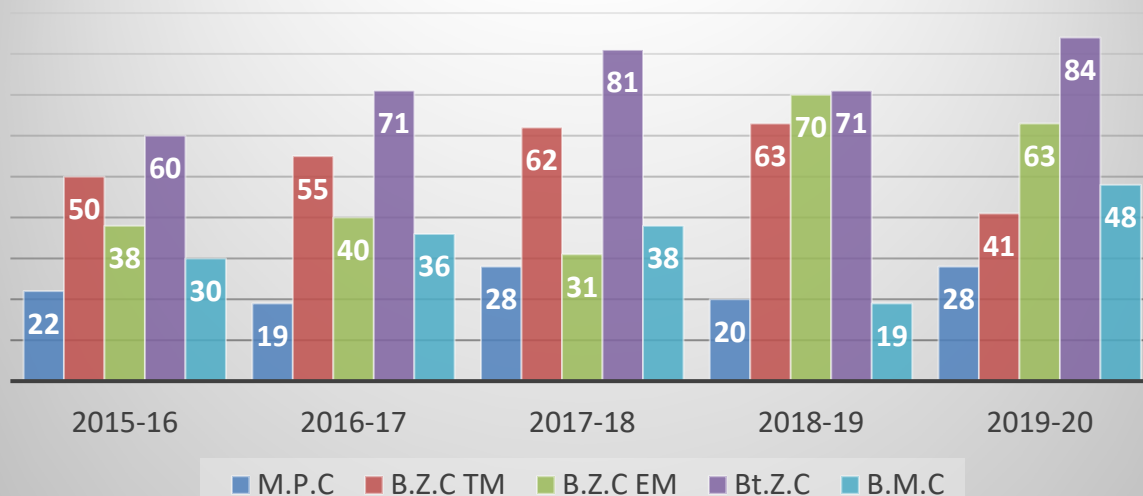
Equipment	Number
Spectro Photometers	1
Digital Potentiometers	2
Digital Conductometers	3
Digital Analytical Balance	2
Digital P.H.meter	1
Computer	1
Printer	1
Electrical Centrifuges	2

Strength particulars

Admissions 2015-21

Academic Year	M.P.C	B.Z.C (TM)	B.Z.C (EM)	Bt.Z.C	B.M.C	B.H.C	Total
2015-16	22	50	38	60	30	-	200
2016-17	19	55	40	71	36	-	221
2017-18	28	62	31	81	38	-	240
2018-19	20	63	70	71	19	-	243
2019-20	28	41	63	84	48	-	220
2020-21	15	28	32	56	39	28	198

Strength particulars from 2015-2020



RESULT ANALYSIS-2019-2020

SEMESTER	APPEARED	PASSED	PERCENTAGE
SEMESTER-I	257	250	97.27
SEMESTER-II	245	230	93.87
SEMESTER-III	202	195	96.53
SEMESTER-IV	200	197	98.5
SEMESTER-V	414	395	95.41
SEMESTER-VI	326	326	100

Additional Responsibilities

1. Smt.L.SUDHEERA

- ❖ Vice Principal
- ❖ Academic Coordinator
- ❖ Convener in Purchasing committee

2. Dr.K. Nagamuni Reddy

- ❖ Library in charge

3. Dr. N. Anand Kumar Reddy

- ❖ Canteen Committee Coordinator

4. Winnie Teja D.,

- ❖ UGC Co-coordinator
- ❖ Special Fee convener
- ❖ Poor student fund convener/Spoken tutorials Convener

5. J Mary Suguna

- ❖ Co-convener in Women empowerment

6. V.Madhavi

- ❖ Member in cultural activities/science club

7. Dr.A.L.V.Ramana Reddy

- ❖ Member in Library committee

8. V. Hima Kumari

- ❖ Convener for Alumni association
- ❖ Member in anti ragging committee

***GUEST/INVITED LECTURES:**

S.No	Academic Year	Date	Name of the Faculty	Topic Delivered	No. of Students benefitted
1.	2016-17	08.08.2016	L.Sudheera, Lect in Chemistry. GDC srikalahasthi	Chemical Kinetics	50 (Biotech & BMC)
2.	2016-17	08.08.2016	Smt.J.venkata Lakshmi, Lect in chemistry, SCNR DC, proddutur	Pesticides	50
3.	2016-17	21.10.2016	Prof.C.Hari, Prof of Chemistry, Kakathiya University	Importance of Chemistry	65
4.	2016-17	23.12.2016	kum.Mamatha Pandit, Soft.Engineer, Bangalore	Personality Development & Interview Skills	65
	2017-18	30.08.2017	Dr.N.Anad Kumar Reddy, Reader in Chemistry. SVDC, Kadapa	Chemical Kinetics	80
5.	2017-18	24.02.2018	Mercy Hem Nalini, Lect in Chemistry. GDC Banaganapalli, Kurnool Dt.	Electro Chemistry	55
	2017-18	05.03.2018	S.Bahadur Ali Shah, Lect in Chemistry. SLS DC, Pullareddy peta, Kadapa.	Green House Effect	60
6.	2018-19	27.09.2018	Dr.N.Anad Kumar Reddy, Reader in Chemistry. SVDC, Kadapa	Chemical Kinetics	60
7.	2018-19	29.12.2018	kum.Mamatha Pandit, Soft.Engineer, Bangalore	Personality Development & Interview Skills	90
8.	2019-20	30.08.2019	Dr.N.Anad Kumar Reddy, Reader in Chemistry. SVDC, Kadapa	Chemical Kinetics	85
9.	2019-20	23.01.2020	Dr.B.Ramachandra, Lect in Chemistry. GCMA, Kadapa	IR Spectroscopy	90
10.	2019-20	04.03.2020	Dr.Sasikala,	Women	90

			Srilakshmi Hospital Nagarajupeta, Kadapa	Health	
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***EXTENSION LECTURES:**

S.No	Academic Year	Date	Name of the Faculty	Topic Delivered	College Visited	No. of Students benefitted
1.	2016-17	29.09.2016	Smt.J Mary Suguna, Lect. In Chemistry, SKR & SKR GDCWA, Kadapa	Coordination compounds	CSSR & SRRM DC, Kamalapuram	50
2.	2016-17	29.09.2016	Dr. S.V.Lakshmi Reddy, Lect. In Chemistry, SKR & SKR GDCWA, Kadapa	Bio inorganic chemistry	CSSR & SRRM DC, Kamalapuram	50
3.	2017-18	06.10.2017	B.Lavanya Kumar, Lect. In Chemistry, SKR & SKR GDCWA, Kadapa	Organo metallic Compounds	SVDC, Kadapa	65
4.	2018-19	07.02.2019	Dr. K.Nagamuni Reddy, Lect. In Chemistry, SKR & SKR GDCWA, Kadapa	Air pollution	PVKN GDC(A), Chittot	65
5.	2018-19	14.02.2019	Dr. K.Nagamuni Reddy, Lect. In Chemistry, SKR & SKR GDCWA, Kadapa	Green House Effect	Nagarjuna Women's Degree College, Kadapa	80
6.	2018-19	14.02.2019	Dr. S.V.Lakshmi Reddy, Lect. In Chemistry, SKR & SKR GDCWA, Kadapa	Coordination compounds	Nagarjuna Women's Degree College, Kadapa	80
7.	2018-19	28.02.2019	Dr. Ch.Sravanthi, Lect. In Chemistry, SKR & SKR GDCWA, Kadapa.	Solutions	Vivekananda DC, Kadapa	60
8.	2019-20	28.01.2020	D.Winnie Teja, Lect. In Chemistry, SKR & SKR GDCWA, Kadapa.	Analysis of Fertilizers	GCMA, Kadapa	35
9.	2019-20	27.02.2020	Smt.J Mary Suguna, Lect. In Chemistry, SKR & SKR	Analysis of Cement	GCMA, Kadapa	35

			GDCWA, Kadapa			
10.	2019-20	30.08.2019	DrA.V.L Ramana Reddy, Lect. In Chemistry, SKR & SKR GDCWA, Kadapa.	Air pollution	GCMA, Kadapa	50

***Field Trips:**

S.No	Academic Year	Date	Name of the Place Visited	No. of Students Accompanied
1.	2016-17	06.02.2017	Veeranjaneya Industry, Meghana plastics, Chaithanya Chemicals	80
2.	2017-18	27.02.2018	Petrochemicals Limited, Chennai, TamilNadu	50
3.	2018-19	19.02.2019	Chaithanya Chemicals	50
4.	2019-2020	09.01.2020	Chaithanya Chemicals,Shirdi Sai Electronics	90
5.	2021-2022	24.02-2022	Maithili Life sciences Pvt.limited, Renigunta, Tirupathi	55
6.	2021-2022	24.02-2022	Regional Science Centre, Tirupathi	55

***QUIZ/JAM/DISCUSSIONS:**

S.No	Date	Type of Activity conducted	Group	Name of the Lecturer
1.	01.12.2016	Quiz	III B.Sc	J Mary Suguna
2.	29.12.2017	Quiz	III B.Sc	Dr.K.Nagamuni Reddy
3.	18.02.2020	Quiz using Kahoot	III Bt & III BMC	D.Winnie Teja
4.	01.02.2020	Quiz using Plickeres	III B.Sc	Dr.Ch.Sravanthi
5.	21.02.2017	Group Discussion	III B.Sc (20)	Mary Suguna
6.	20.02.2019	Group Discussion on water pollution	III B.Sc (20)	Mary Suguna & Dr. K. Nagamuni

				Reddy
7.	19.12.2016	JAM Session	II B.sc	Mary Suguna
8.	29-12-2021	Quiz on chemistry(P-V&P-VI)	III B.Sc	J.Mary Suguna D.Winnie Teja V.Hima Kumari

***BEST PRACTICES:**

S.No	Date	Best Practice implemented	Remarks if any
1.	21.10.2016	IDD-Iodine deficiency Disorder prevention Day	Guest lecture by A.Viswnatha reddy Benefitted-100
2.	24.08.2017	Rain Water Harvesting	-
3.	31.01.2019	Prize Distribution to Meritorius students	-
4.	06.02.2019	Prize Distribution to Meritorius students	-
5.	09.08.2018	Donation to SAVE THE CHILDREN	Donated an amount of Rs.1200/- through Cheque
6.	09.09.2019	Donation to SAVE THE CHILDREN	Donated an amount of Rs.1200/- through Cheque
7.	2020	Rain Water Harvesting	
8.	2020-2021	Donation to SAVE THE CHILDREN	Donated an amount of Rs.10000/- through NET BANKING

Best Practices

- ❖ Donating Rs.12000/- to SAVE THE CHILDREN Organization every year.
- ❖ Rain Water Harvesting
- ❖ Plantation on OZONE DAY every year.
- ❖ Creating awareness on IODINE DEFICIENCY DISORDER PREVENTION every year

- ❖ Distribution of prizes to outstanding students who got ranks on the university for higher education.

Additional Inputs

- ❖ Spectral analysis & Chemical Structures drawings with Chem Draw software
- ❖ P.G entrance coaching
- ❖ Conduct of certificate courses
- ❖ Winnie Teja D is the LMS content generator and APCHE Podcaster for Chemistry subject selected by APCCE.