

WELCOME TO NAAC PEERTEAM



**J.V.R.GOVERNMENT COLLEGE
SATHUPALLY**

J.V.R. GOVERNMENT COLLEGE

SATHUPALLY

KHAMMAM (DISTRICT) TELANGANA STATE

DEPARTMENTAL PROFILE



DEPARTMENT OF CHEMISTRY

DEPARTMENT OF CHEMISTRY

DEPARTMENTAL PROFIL

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OBJECTIVES

The principal aim of Science is to discover the character of the facts which constitute the realities of nature and to approximate as extent as possible the explanation of the facts.

- To impart the knowledge of the Chemistry facts, concepts, methods, theories and generalizations.
- To train students in a wide range of Science-based skills that provide the learning base for future careers in disciplines such as Research organizations, Pharmaceutical industries, and Chemical industries.
- To have a greater appreciation of Chemical processes.
- To make them more confident and creative to face the challenges of their careers.
- To help the students pursue other discipline.
- To fulfill the needs of the society of present and future.

DEPARTMENT OF CHEMISTRY



HISTORY OF THE DEPARTMENT

Department of chemistry is one of the oldest departments in the college established in 1976, with well-equipped laboratories, ICT integration Bio visual charts, organic models in teaching and learning process students are taught theory and practical's. Several eminent faculties worked at the department, established vision and Mission of the Department, they encouraged the students, (nurtured their) about the importance of the chemistry .From 1980's JVR College Students Selected M.Sc. chemistry Entrance and joined their post-graduation in various state universities like OU, KU and University of Hyderabad Many peoples of this area became the researcher and scientists in Pharma and chemical research laboratories. The famous Hetero drugs pharma company founder is the resident of the Sathupally area.

Dept. of Chemistry introduced M.Sc. Organic Chemistry course in 2011-12, successfully conducted this Course till 2018-19.

Every year a good number of students are selected in M.Sc. Chemistry Entrance and joining into various state universities and affiliated colleges, also getting good number of seats in B.Ed. Courses. In 2016 choice based credit system (CBCS) was introduced. Instrumental methods of analysis and medicinal chemistry were opted as electives for Vth and VIth Semesters. In 2020-2021 academic year college offered Dairy Science as new course.

VISION AND MISSION:

Vision:

- ❖ To stimulate the young minds to contribute to the chemically literate society through active participation in learning and research.

MISSION:

- ❖ To produce skilled in Chemistry with highest professional standard, moral values and well-being to society.
- ❖ To develop knowledge and skill towards industry as well as research and teaching professional.

SWOC

➤ STRENGTH :

- Dedicated, well experienced and qualified teaching faculty
- We are conducting PG coaching classes
- Lunch and study facility for day scholar students.

➤ WEAKNESS:

- Entry level knowledge of students in Chemistry is very low.
- Irregularity in attendance.
- Poor illiterate family background.

➤ OPPORTUNITIES:

- Students are encouraged towards higher education and research, teaching, government jobs and pharma industries.

➤ CHALLENGES:

- Early marriages of girl students.

Highlights of the department

- Achieved 100% results from 2020 academic onwards.
- College toppers from BSc
- G.Veeranna in charge of the department is pursuing PhD from JNTU Kukatpally Hyderabad.
- Many students pursuing M.Sc Chemistry into state universities like OU and KU.
- Faculty using ICT, Google classroom, PPT's YouTube video classes.

BSc. Program under CBCS-Chemistry

Semester	Title of the paper	Credits (T+P)	Hours per week	total marks (In+T+P)
I	Chemistry-I	4+1=5	4+3=7	80+20+25=125
AECC	Environmental Science	2	2	40+10=50
II	Chemistry-II	4+1=5	4+3=7	80+20+25=125
III	Chemistry-III	4+1=5	4+3=7	80+20+25=125
IV	Chemistry-IV	4+1=5	4+3=7	80+20+25=125
SEC	RMP & Soil fertility	2	2	40+10=50
V	Spectroscopy & Chromatography	4+1=5	4+3=7	80+20+25=125
VI	Medicinal Chemistry	4+1=5	4+3=7	80+20+25=125

CURRICULUM DESIGN AND DEVELOPMENT

- As our college is affiliated to Kakatiya University WGL. We strictly follow the curriculum design by KU Warangal.
- From the academic year 2016-2017 onwards CBCS has been introduced.
- From 2020 onwards BSc DZC new course introduced.

PROGRAM/COURSES OFFERED

- BSc – Maths, Physics, **Chemistry**
- BSc – Maths, **Chemistry**, Computer Science,
- BSc – Botany, Zoology, **Chemistry**,
BSc – Dairy Science, Zoology, **Chemistry**

WORKLOAD OF THE DEPARTMENT

Programme B.Sc.	Paper	Theory Hours/week	Practical Batches	Practical Hours	Total
1 st Year	I	8	4	8	16
	AECC	2	-	-	2
	II	8	4	8	16
2 nd Year	III	8	4	8	16
	IV	8	4	8	16
	SEC 4	2	-	-	2
3 rd Year	V	8	2	4	12
	VI	8	2	4	12
					92/week

PROMINENT FACULTY OF CHEMISTRY SINCE 1976

SL. NO	Name of the Lecturer	Qualification	Period		Working/ retired
			From	To	
1	N.P. RANGA RAO	M. Sc	06-09-1976	01-09-1979	RETIRED
2	K.SURYANARAYANA	M. Sc	16-08-1977	13-10-1977	RETIRED
3	D.KESSAVA REDDY	M. Sc	21-10-1977	28-10-1980	RETIRED
4	CH.ASHOK RAO	M. Sc	11-08-1978	19-08-1978	RETIRED
5	C.S.N. REDDY	M. Sc	21-08-1978	15-11-1978	RETIRED
6	D.SUBBA RAO	M. Sc	21-08-1979	29-10-1981	RETIRED
7	D.L.NARASIMHA RAO	M. Sc	26-09-1979	-	RETIRED
8	B.SUBHASCHANDRA BOSE	M. Sc., PhD	28-10-1980	20-03-1981	RETIRED
9	B.TIRIPATI RAO	M. Sc	28-03-1981	-	RETIRED
10	D.L.NARASIMHA RAO	M. Sc	04-05-1981	04-03-1984	RETIRED
11	L.V.R. KRISHNA RAO	M. Sc	29-10-1981	07-08-1992	RETIRED
12	D.V.SUBBA RAO	M. Sc	27-03-1984	01-01-1994	RETIRED
13	B.MADHUSUDHANA REDDY	M. Sc	-	05-08-1991	RETIRED
14	C.S.N. REDDY	M. Sc	16-12-1991	16-06-1997	RETIRED
15	B.MARRIANNA	M. Sc	07-08-1992	18-08-1995	RETIRED
16	K.GOVINDHA CHARY	M. Sc Ph .D	18-08-1992	29-10-1998	RETIRED
17	B.KANAKA CHARY	MSc.,M.Phil	1-01-1994	08-11-2000	RETIRED
18	D.KESAVA REDDY	M.Sc	20-08-1995	-	RETIRED
19	L.V.R. KRISHNA REDDY	M.Sc	16-06-1997	31-08-2004	RETIRED
20	C.S.N. REDDY	M Sc	09-11-2000	31-01-2010	RETIRED
21	Dr.K.KRISHNA RAO	M.Sc., Ph.D.	19-10-2004	31-07-2011	RETIRED

22	V.SANTHI KUMAR	MSc.,M.Phil	27-11-2010	30-06-2018	WORKING
23	M.SUBRAMANYAM	MS.c, M Ed	28-05-2011	30-06-2018	WORKING
24	K.RAMESH	MSc.,NET	25-12-2011	30-06-2018	WORKING
25	P.RAMACHANDRA RAO	MSc.,NET		TILL TODAY	WORKING
26	G.VEERANNA	MSc.,M.Phil SET	03-11-2019	TILL TODAY	WORKING

DETAILS OF TEACHING STAFF

S.NO	NAME OF THE TEACHING STAFF	DESIGNATION	QUALIFICATION	SPECIALIZATION	EXPERIENCE
1	P.RAMACHANDRA RAO	Assistant Professor	M Sc., NET.	Till today	11 years
2	G.VEERANNA	Assistant Professor	M Sc. M Phil, SET.	Till today	12 years

DETAILS OF NON TEACHING STAFF

S.NO	NAME OF THE TEACHING STAFF	DESIGNATION	QUALIFICATION	EXPERIENCE
1	D RAVI TEJA	Lab assistant	Intermediate	From last 04 years



Faculty Profile:

1) NAME: **G.Veeranna**

Designation: Asst. Professor of Chemistry

Qualification: M.Sc., M.Phil.SET

Email ID: veerunaikdl@gmail.com

Experience: 11 + 12 = 22 years

Paper Publication: **01**

Book Publication: Nil

Resource person / paper setter: Paper Setter

Awards / Recognition: Nil

Publication: Pd (II) Complexes of new tetra dentate Schiff Base ligands, Synthesis, spectral characterization and catalytic activity, date: 2018 Dec 3, 4



2. Name: **P. Ram Chandra Rao**

Designation: Asst. Professor of Chemistry

Qualification: M.Sc., NET

Email ID: ramupanem@gmail.com

Experience: 11 years

FACULTY DEVELOPMENT PROGRAMMES

The members of the Department has been consistently attending refresher and Orientation courses for updating their knowledge in view of the changes that have been taking place in the syllabi. Besides the faculty is attending enthusiastically seminars, symposiums, workshops and conferences regularly organized by Academic staff colleges and University colleges.

In this connection **Sri G. VEERANNA** Assistant professor of Chemistry attended the following courses/programmes.

- Attended 6 day Orientation programme for teachers of UG Colleges under KAKATIYA UNIVERSITY Warangal at SR& BGNR Govt. College Khammam from 21-11-2011 to 26-11-2011.
- Attended 3 day Induction programme for teachers of UG Colleges under KAKATIYA UNIVERSITY Warangal at SR& BGNR Govt. College Khammam from 28-11-2011 to 30-11-2011.
- Attended a Short term Course on " Effective Teaching and Communication Skills" at UGC HRDC JNTUH Hyderabad from 10-06-2013 to 15-06-2013 (6 days).
- Attended 28 days Orientation course (48th Orientation course) from UGC HRDC JNTUH Hyderabad from 20-11-2017 to 18-12-2017 (28 days).
- Attended refresher course in Chemistry from UGC ASC University of Hyderabad from 22-08-2013 to 11-09-2013 (21 days)
- Completed one Minor Research project and submitted UGC SERO Hyderabad
- Worked as Principal (FAC) at Government Degree College Garla
- Attended one week FDP on " Open Source Tools for Research" from 08-06-2020 to 14-06-2020 through online mode from TLC Ramanujan college University of Delhi
- Attended one week short term course on "Development in advanced drug delivery systems and drug discovery to treat life threatening diseases" from UGC HRDC JNTUH Hyderabad from 22-06-2020 to 27-06-2020.
- Attended one week short term course on " Outcome based Education, Curriculum design, Teaching learning and Assessment Strategies' from 21-07-2020 to 27-07-2020 from UGC HRDC JNTUH Hyderabad
- Attended one week online FIP Short term course on "ICT Tools in Higher Education" from UGC ASC RUSA Osmania university Hyderabad from 20-08-2020 to 26-08-2020
- Attended one week online FIP Short term course on "Research process and research design in Sciences" from UGC ASC RUSA Osmania university Hyderabad from 07-09-2020 to 12-09-2020
- Registered Ph D Programme from JNTUH Hyderabad

- Attended and presented a paper at International conference on “Emerging Trends In Spectroscopic techniques and their Applications” Organised by Department of Chemistry University College for Women Koti , Osmania University Hyderabad, on 3rd,4th December 2018 with title “Pd (II) Complexes of New tetra dentate Schiff base ligands: Synthesis, Spectral characterization and catalytic activity”.

FACULTY DEVELOPMENT PROGRAMMES

Sri P.RAMACHANDRA RAO Assistant professor of Chemistry the following courses/programmes.

Year	Name of teacher	Name of conference/ workshop	Name of the University
2020-21	P. Ramachandrarao	FDP-Chemistry-The catalyst for Change	Ramanujan College, University of Delhi
2020-21	P. Ramachandrarao	Research Process and Research Design in Science	Osmania University

3. No. of Sanctioned posts: 02

4. Best Practices:

I. Department of Chemistry is conducting M Sc Entrance coaching from **2019-2020**

II. The best practice adopted in the Department is rain water harvesting in the campus .Students know the knowledge about the rain water harvesting to improve the ground water level in their respective villages and also know about Soak pits in their houses.

III. Know your chemistry: - The best practice adopted in the Dept. is know about your chemistry. In this everyday they can learn 2 names & structures of the chemical compounds at the depts. Notice board.

5. Extension activities: Dept. in maintaining rainwater harvesting in the college. Participation in institutional Social responsible activities like AIDS Rally, Swatch Bharath, Harithaaharam, Red

Ribbon Club, Eco club activities, Vermi compost maturing, No-plastic campaign Participation in health Camps Maintenance of College garden clean & green.

DEPARTMENT OF CHEMISTRY

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO-1. Be versatile in classical laboratory techniques, use instrumental methods for analysis as well as synthesis and follow standardized procedures and regulations in handling and disposal of chemicals.

PSO-2. Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry.

PSO-3. Solve the problem and also think methodically, independently and draw a logical conclusion.

PSO-4. Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions.

PSO-5 Create an awareness of the impact of chemistry on the environment, society, and development outside the scientific community.

PSO-6 Find out the green route for chemical reaction for sustainable development.

PSO-7 to inculcate the scientific temperament in the students and outside the scientific community PSO-8 Use modern techniques, decent equipments and Chemistry software.

PSO-9 Be able to integrate knowledge gained in Chemistry to General education courses.

PSO-10 Be able to access, scout and use the chemical literature and also able to work as a member of a team.

COURSE OUTCOMES (COs)

Chemistry-I

CO-1: Students learn chemical bonding and related theories like Fagan's rule, polarity, VSEPR theory, Molecular orbital theory and molecular orbital energy diagrams etc.

CO-2: To learn about the p-block elements emphasizing on structures of Diborane and higher boranes, Carbides and nitrides and properties.

CO-3: To make an understanding of structural theory in organic chemistry like bond polarization, applications of inductive effect, basicity of amines and carboxylic acids.

CO-4: Acyclic hydrocarbons of alkanes, alkenes and alkynes preparation and chemical properties and aromatic hydrocarbon observations.

CO-5: To know about basic concepts of physical chemistry of atomic structure and elementary quantum mechanics, gaseous state and liquid state.

Chemistry-II

CO-1 To learn about inorganic chemistry concepts like p-block elements of oxides, oxyacids inter halogens and pseudo halogens.

CO-2 Zero group elements and d-block elements properties and applications.

CO-3 : Obtain knowledge about halogen compounds, alcohols, phenols, ethers and carbonyl compounds CO-4: To gain knowledge about theory of quantitative analysis, stereochemistry and Colligative properties.

Chemistry-III

CO-1: Students learn inorganic chemistry of f block elements and co-ordination compounds.

CO-2: In organic chemistry students able to learn carboxylic acids and derivatives, nitro hydrocarbons and amines, cyanides and isocyanides.

CO-3: In physical chemistry students acquire the subject of thermodynamics and its laws, applications CO-4: General chemistry gives knowledge about evaluation of analytical data, carbon ions and phase rule.

Chemistry-IV

CO-1: In inorganic chemistry students learn CFT, HSAB and applications of coordination compounds and bioinorganic chemistry.

CO-2: In organic chemistry carbohydrates, amino acids, proteins and heterocyclic compounds knowledge is obtained.

CO-3: In Physical chemistry knowledge is obtained about photochemical laws, applications.

CO-4: In General chemistry theories of bonding in metals, Carbene ion -II, colloids and surface chemistry and its applications.

Chemistry-V

CO-1: The students to able gain the subject of coordination compounds and its applications.

CO-2: Boranes and Carboranes properties and applications.

CO-3: In organic chemistry amines, cyanides and isocyanides, heterocyclic compounds properties and its applications study.

CO-4: In Physical chemistry chemical kinetics, its laws and various applications are studied.

CO-5: Molecular spectroscopy techniques and Photochemistry tools handling, results observation and analysis is learnt by the students.

Chemistry-VI

CO-1: Students able to gain the knowledge about Chromatography techniques and methodology.

CO-2: To know about applications of various chromatographic techniques.

CO-3: Understand the colorometry, spectrophotometry, IR spectrophotometer and other techniques CO-4: In inorganic chemistry inorganic reaction mechanism, bio inorganic chemistry, HSAB analysis learnt by the students.

CO-5: In organic chemistry carbohydrates, amino acids and proteins awareness is obtained.

CO-6: In thermodynamics the laws and applications awareness is created among the students.

CO-7: In general chemistry students able to learn Mass spectrometry and entropy.

CO-8: To acquire knowledge of introduction and basic concepts of medicinal chemistry.

CO-9: To know about enzymes properties, mechanism of action and types of inhibition.

CO-10: Importance of drugs, its synthesis, mechanism of action and applications in treatment of diseases CO-11: To know about molecular messengers and health promoting drugs and vitamins.

The students who complete BSc course successfully will be able to:

PO1. Acquire theoretical as well as practical knowledge in their disciplines.

PO2. Understand the basis of science for coherent understanding of the academic field to pursue multi and inter disciplinary.

PO3. plan and execute experiments or investigations, analyze and interpret data information collected using appropriate method.

PO4. Develop scientific temper and reasoning ability.

PO5. Think critically, follows innovations and developments in science and technology.

PO6. Inculcate research temper and become self employed in organic agriculture, mushroom cultivation, medicinal plant products and plant propagation etc. the basis of science for coherent understanding of the academic field to pursue multi and inter disciplinary.

PO7. Understand the features of zoo-geography of the world.

PO8. Know the basics of the life cycles of different living beings on this earth.

PO9. Understand the eco system and how to protect it.

PO10. Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry.

PO11. To inculcate the scientific temperament in the students and outside the scientific community.

PO12. Solve the problem and also think methodically, independently and draw a logical conclusion.

PO13. Will be able pursue research in respective science stream.

PO14. Scientific temper will be developed in Students.

PO15. Students will become employable; they will be eligible for career opportunities in Industry, or will be able to opt for entrepreneurship.

PO16. Capability of demonstrating comprehensive knowledge of mathematics and understanding of one or more disciplines which form a part of an undergraduate programme of study.

PO17. Learn to tolerate diverse ideas and different points of view.

PO18. Be initiated into the basics of research.

PO19. Apply the basic principles of Physics to the events occurring around us and also in.

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DEPARTMENT OF CHEMISTRY

ANNUAL ACTION PLAN 2021-2022 (II, IV & VI SEM)

SI No.	MONTH AND YEAR	SEM/PAPER	CURRICULAR	CO-CURRICULAR	EXTRA CURRICULAR
1	March-2022	PAPER VI	Introduction and Terminology, Diseases, Drug.	Slip test	International women's day
		PAPER IV	Co-ordination compounds-II	Assignment	Swatch Bharat
		PAPER II	P-Block elements, Inter halogens, and Zero group elements	Slip test	Swatch Bharat
2	April	PAPER VI	Classification, Nomenclature ADMET Explanation.	Student Seminar	Dr B R Ambedkar's birth day
		PAPER IV	Hard and Soft acid bases, Bio Inorganic Chemistry	Assignment	Field Visit
		PAPER II	Halogen compounds, Hydroxy compounds and Carbonyl compounds.	Slip test	Field Visit

3	May	PAPER VI	Enzymes and Receptors	Internal Exam I	International labour's day
		PAPER IV	Carbohydrates, Amino acids and proteins, Hetero cyclic compounds	Internal Exam I	Field Visit
		PAPER II	Electro Chemistry	Students Study Project	Swacha bharath
4	June	PAPER VI	Synthesis and Therapeutic activity of Drugs	QUIZ	Telangana state formation day
		PAPER IV	Chemical kinetics and Photo Chemistry.	Student Seminar	Haritha haram
		PAPER II	Theory of Quantitative analysis, Stereo isomerism	Assignment	Haritha haram
5	July	PAPER VI	Molecular Messengers and Vitamins and Micronutrients.	Internal exam	Haritha haram
		PAPER IV	Theories of bonding in metals, Carbanions-II and Colloids and Surface Chemistry.	Student Seminar	Swatch Bharath
		PAPER II	Dilute solutions and Colligative Properties	Slip Test	Swatch Bharath

DEPARTMENT OF CHEMISTRY

STUDENT PROFILE FOR THE YEAR 2021-2022

YEAR	GROUP	SC			ST			BC			OTHERS			GRAND TOTAL		
		B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
I	M/F															
	DZC	6	5	11	29	8	37	11	2	13	1	0	1	47	10	57
	BZC	5	7	12	5	20	25	6	3	9	1	1	2	17	31	48
	MPC	6	0	6	5	4	9	7	1	8	0	0	0	18	5	23
	MCCS	1	0	1	0	1	1	4	1	5	0	0	0	5	2	7
II	BZC	4	6	10	6	12	18	4	1	5	2	1	3	16	20	36
	DZC	10	2	12	5	2	7	9	5	14	1	0	1	25	9	34
	MPC	1	1	2	2	1	3	6	1	7	0	0	0	9	3	12
	MCCS	2	0	2	1	0	1	1	0	1	0	0	0	4	0	4
III	BZC(TM)	0	3	3	3	11	14	0	2	2	0	0	0	3	16	19
	BZC(EM)	3	0	3	5	3	8	0	0	0	1	2	3	9	5	14
	MPC	6	2	8	2	4	6	2	0	2	0	0	0	10	6	16
	MCCS	1	0	1	0	0	0	0	1	1	0	0	0	1	1	2

DEPARTMENT OF CHEMISTRY

STUDENT PROFILE FOR THE YEAR 2020-2021

YEAR	GROUP	SC			ST			BC			OTHER			GRAND TOTAL		
		B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
I	M/F															
	BZC	5	11	16	13	17	30	6	2	8	2	1	3	26	31	57
	DZC	13	2	15	9	2	11	5	4	9	1	0	1	28	9	37
	MPC	1	4	5	3	1	4	6	0	6	0	0	0	10	5	15

	MCCS	1	0	1	3	0	3	2	0	2	0	0	0	6	0	6
II	BZC(EM)	0	3	3	3	11	14	0	2	2	0	0	0	03	16	19
	BZC(TM)	1	2	3	7	1	8	1	2	3	0	0	0	9	5	14
	MPC	6	2	8	2	4	6	2	0	2	0	0	0	10	6	16
	MCCS	1	0	1	0	0	0	1	0	1	0	0	0	2	0	2
III	BZC(TM)	3	2	5	4	13	17	1	0	1	1	0	1	9	15	24
	BZC(EM)	0	0	0	1	4	5	0	1	1	0	0	0	1	5	6
	MPC(TM)	0	0	0	2	2	4	2	1	3	0	0	0	4	3	7
	MPC(EM)	2	1	3	2	2	4	2	1	3	1	0	1	7	3	10

DEPARTMENT OF CHEMISTRY

STUDENT PROFILE FOR THE YEAR 2019-2020

YEAR	GROUP	SC			ST			BC			OTHER			GRAND TOTAL		
		B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
I	BZC	3	7	10	19	21	40	3	6	9	0	0	0	25	34	59
	MPC	6	3	9	4	5	9	2	0	2	0	0	0	12	8	20
	MCCS	1	1	2	2	0	2	0	1	1	0	0	0	3	2	5
II	BZC(TM)	3	3	6	5	4	9	2	1	3	1	0	1	11	8	19
	BZC(EM)	0	0	0	1	5	6	0	2	2	0	0	0	1	7	8
	MPC(TM)	0	2	2	2	0	2	2	1	3	2	0	2	6	3	9
	MPC(EM)	3	1	4	3	1	4	2	1	3	1	0	1	9	3	12
III	BZC	2	6	8	2	14	16	8	3	11	0	0	0	12	23	35
	MCCS	0	0	0	3	1	4	3	0	3	0	0	0	6	1	7

STUDENT PROFILE FOR THE YEAR 2018-2019

YEAR	GROUP	SC			ST			BC			OTHER			GRAND TOTAL		
		B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
I	BZC-I(EM)	0	1	1	2	6	8	0	2	2	0	0	0	2	9	11
	BZC-I(TM)	3	3	6	6	16	22	3	2	5	1	0	1	13	21	34
	MPC-I(EM)	1	2	3	6	1	7	4	1	5	2	0	2	13	4	17
	MPC-I(TM)	3	1	4	5	1	6	3	1	4	1	0	1	12	3	15
II	BZC-II	4	9	13	3	17	20	7	5	12	0	0	0	15	30	45
	MCCS-II	0	0	0	3	1	4	3	0	3	0	0	0	6	1	7
III	BZC-III	6	7	13	2	15	17	0	0	0	5	5	10	13	27	40
	MPC-III	0	1	1	4	0	4	1	4	5	0	1	1	5	6	11
	MCCS-III	0	0	0	3	0	3	2	1	3	0	0	0	5	1	6

DEPARTMENT OF CHEMISTRY

STUDENT PROFILE FOR THE YEAR 2017-2018

YEAR	GROUP	SC			ST			BC			OTHER			GRAND TOTAL		
		B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
I	BZC	7	10	17	6	16	22	8	6	14	0	0	0	21	32	53
	MCCS	0	2	2	3	3	6	4	1	5	0	0	0	7	6	13
II	BZC	7	7	14	1	16	17	7	5	12	0	0	0	15	28	43
	MPC	0	1	1	4	0	4	2	4	6	0	1	1	6	6	12

	MCCS	0	0	0	3	0	3	2	1	3	0	0	0	5	1	6
III	BZC	2	8	10	6	8	14	1	4	5	1	0	1	10	20	30
	MPC	2	1	3	5	4	9	1	2	3	0	1	1	8	8	16
	MCCS	0	2	2	0	1	1	1	0	1	1	0	1	2	3	5

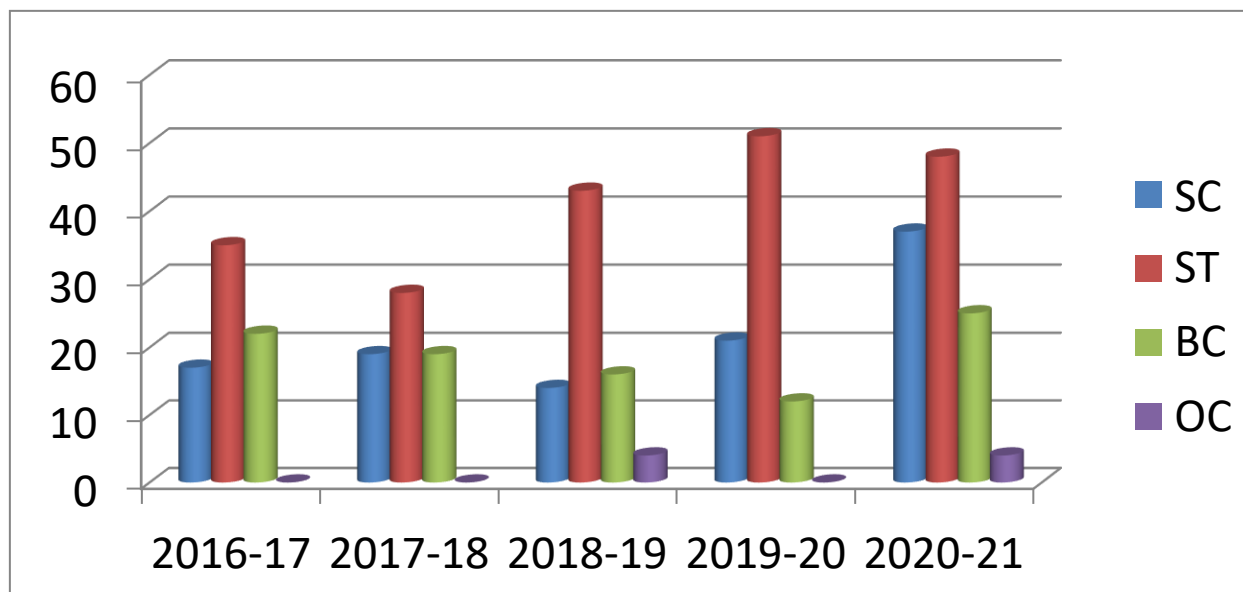
DEPARTMENT OF CHEMISTRY
STUDENT PROFILE FOR THE YEAR 2016-2017

YEAR	Group	SC			ST			BC			OTHER			GRAND TOTAL		
		B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
I	BZC	8	7	15	2	19	21	6	6	12	0	0	0	16	32	48
	MPC	0	1	1	5	5	10	2	4	6	0	0	0	7	7	14
	MCCS	1	0	1	4	0	4	3	1	4	0	0	0	8	1	9
II	BZC	6	8	14	9	11	20	2	5	7	0	0	0	18	24	42
	MPC	2	1	3	5	5	10	1	2	3	1	1	2	9	9	18
	MCCS	0	2	2	0	1	1	1	0	1	1	0	1	2	3	5
III	MPC	2	0	2	1	2	3	2	0	2	0	0	0	5	2	7
	MCCS	1	1	2	0	0	0	3	2	5	0	0	0	4	3	7
	BZC	1	6	7	4	7	11	2	1	3	0	0	0	8	14	22

STUDENT ENROLLMENT PARTICULARS LAST FIVE YEARS

Academic year	SC	ST	BC	OC	BOYS	GIRLS	TOTAL
2020-21	37	48	25	4	70	45	115
2019-20	21	51	12	0	40	44	84
2018-19	14	43	16	4	40	37	77
2017-18	19	28	19	0	28	38	66
2016-17	17	35	22	0	31	40	71

DIVERSITY OF BSc CHEMISTRY STUDENTS



STUDENT RESULT ANALYSIS

(FROM 2020-2021 TO 2016-2017)

OVERALL RESULT ANALYSIS OF THE STUDENTS OF 2019-2022 BATCH
(MPC, MCCS&BZC)

DEPARTMENT OF CHEMISTRY

SEMESTER	GROUPS	APPEARED	PASSED	PERCENTAGE	REMARKS
SEM-I	MPC	17	10	58.8%	
	MCCS	3	0	0%	
	BZC	41	19	49%	
SEM-II	MPC	16	16	100%	
	MCCS	2	2	100%	
	BZC	36	36	100%	
SEM-III	MPC	16	16	100%	
	MCCS	2	2	100%	
	BZC	35	35	100%	
SEM-IV	MPC	16	8	50%	
	MCCS	2	0	0%	
	BZC				
SEM-V	MPC				

	MCCS				
	BZC				
SEM-VI	MPC				
	MCCS				
	BZC				

**OVERALL RESULT ANALYSIS OF THE STUDENTS OF 2018-2021
(MPC&BZC)**

DEPARTMENT OF CHEMISTRY

SEMESTER	GROUPS	APPEARED	PASSED	PERCENTAGE	REMARKS
SEM-I	MPC	25	20	80%	
	BZC	38	21	55%	
SEM-II	MPC	23	16	70%	
	BZC	37	27	72%	
SEM-III	MPC	20	15	75%	
	BZC	27	20	74%	
SEM-IV	MPC	18	16	88%	
	BZC	30	30	100%	
SEM-V	MPC	18,18	18,18	100%	
	BZC	31,31	31,31	100%	

SEM-VI	MPC	18,18	18,18	100%	
	BZC	31,31	30,31	100%	

**OVERALL RESULT ANALYSIS OF THE STUDENTS OF 2017-2020 BATCH
(MPC, MCCS&BZC)**

DEPARTMENT OF CHEMISTRY

SEMESTER	GROUPS	APPEARED	PASSED	PERCENTAGE	REMARKS
SEM-I	MCCS	06	04	66	
	BZC	45	20	44	
SEM-II	MCCS	06	01	16	
	BZC	45	13	28	
SEM-III	MCCS	06	03	50	
	BZC	45	25	55	
SEM-IV	MCCS	06	02	33	
	BZC	45	14	31	
SEM-V	MCCS	06	04,05	80	
	BZC	45	25,25	75	
SEM-VI	MCCS	06	05,05	83	
	BZC	45	32,31	97	

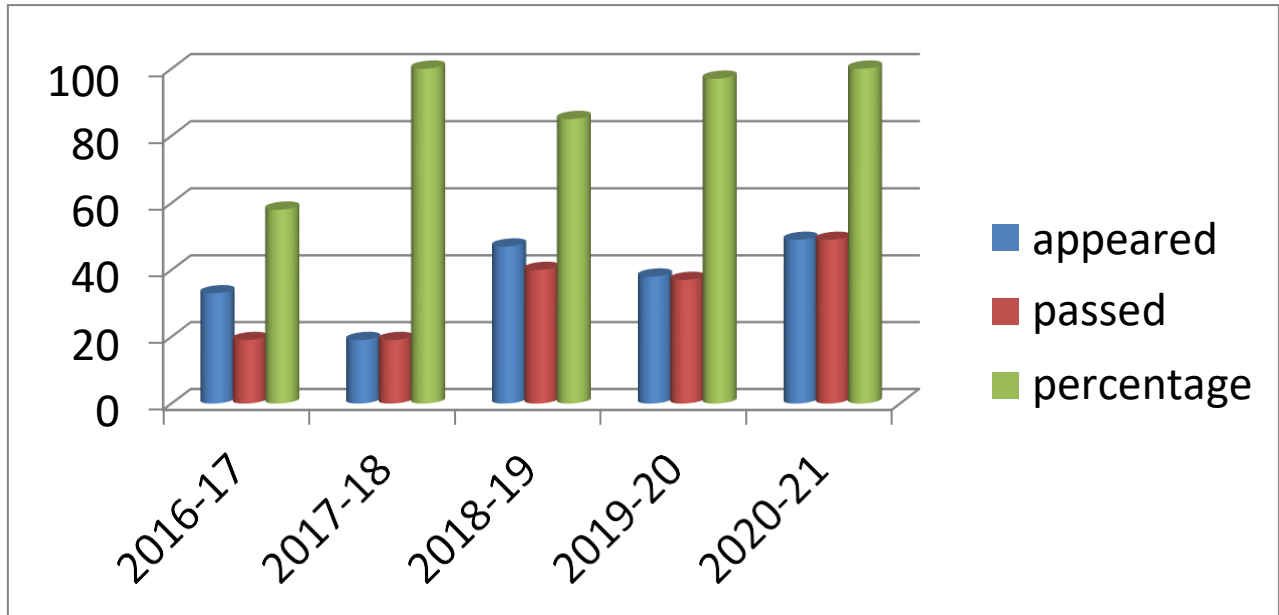
**OVERALL RESULT ANALYSIS OF THE STUDENTS OF 2016- 2019
(MPC, MCCS &BZC)**

SEMESTER	GROUPS	APPEARED	PASSED	PERCENTAGE	REMARKS
SEM-I	MPC	00	00		
	MCCS	14	11	78	
	BZC	43	26	60	
SEM-II	MPC				
	MCCS	14	08	57	
	BZC	43	22	51	
SEM-III	MPC				
	MCCS	14	08	57	
	BZC	41	31	75	
SEM-IV	MPC				
	MCCS	14	10	71	
	BZC	42	24	58	
SEM-V	MPC				
	MCCS	14,14	08,12	60	
	BZC	38,38	27,32	80	
SEM-VI	MPC				
	MCCS	13,13	10,12	90	
	BZC	34,35	20,35	95	

OVERALL RESULT ANALYSYS (2020-21 TO 2016-17)

YEAR	COURSE	APPEARED	PASSED	PERCENTAGE
2020-21	B.Sc	49	49	100
2019-20	B.Sc	38	37	97
	M.Sc Chemistry	10	5	50
2018-19	BSc	47	40	85
	M.Sc Chemistry	14	7	50
2017-18	B.Sc	19	19	100
	M.Sc Chemistry	25	10	40
2016-17	B.Sc	33	19	58
	M.Sc Chemistry	24	8	33

BSc RESULT ANALYSYS



TIME – TABLE

DEPARTMENT OF CHEMISTRY 2016-17

DAY	YEAR	9.00-10.00	10.00-11.00	11.00-12.00	12.00-1.00	1.00-1.50	1.50-2.40	2.40-3.30
MONDAY	I	CHE (MPC&BZC)			L U N C H B R E A K	CHE(MCCS)		
	II		CHE(MPC &BZC)	CHE(MCCS)		CHE-MPC		
	III			CHE		CHE-BZC		
TUESDAY	I	CHE MPC&BZC						
	II		CHE MPC&BZC	CHE(MCCS)		CHE-MCCS,BZC-B		
	III			CHE				
WEDNESDAY	I					CHE(MCCS)		
	II		CHE MPC&BZC	CHE(MCCS)				
	III		CHE(MCCS)	CHE		CHE-MPC		
THURSDAY	I					CHE-MCCS		
	II		CHE					
	III			CHE BZC&MPC				
FRIDAY	I	CHE(MCCS)	CHE		CHE-MPC			
	II				CHE-BZC-A			
	III	CHE			CHE-MPC			
SATURDAY	I		CHE		CHE-BZC-A&B			
	II	CHE(MCCS)						
	III	CHE			CHE-BZC			

TIME – TABLE

DEPARTMENT OF CHEMISTRY 2017-18

DAY	YEAR	9.00-10.00	10.00-11.00	11.00-12.00	12.00 -1.00	1.00- 1.50	1.50- 2.40	2.40-3.30
MONDAY	I	CHE MPC&BZC			L U N C H B R E A K	CHE(MCCS)		
	II		CHE MPC &BZC	CHE(MCCS)		CHE-MPC		
	III			CHE		CHE-BZC		
TUESDAY	I	CHE MPC&BZC				CHE-MCCS,BZC-B		
	II		CHE MPC&BZC	CHE(MCCS)		CHE(MCCS)		
	III			CHE		CHE-MPC		
WEDNESDAY	I					CHE-MCCS		
	II		CHE MPC&BZC	CHE(MCCS)		CHE-MPC		
	III		CHE(MCCS)	CHE		CHE-MCCS		
THURSDAY	I					CHE-MPC		
	II		CHE			CHE-BZC-A		
	III			CHE BZC&MPC		CHE-MPC		
FRIDAY	I	CHE(MCCS)	CHE		CHE-BZC-A&B			
	II				CHE-MPC			
	III	CHE			CHE-BZC-A&B			
SATURDAY	I		CHE		CHE-MPC			
	II	CHE(MCCS)			CHE-BZC			
	III	CHE			CHE-BZC			

TIME – TABLE DEPARTMENT OF CHEMISTRY 2018-19

DAY	YEAR	9.00-10.00	10.00-11.00	11.00-12.00	12.00-1.00	1.00-1.50	1.50-2.40	2.40-3.30
MONDAY	I	CHE MPC&BZC			L U N C H B R E A K	CHE(MCCS)		
	II		CHE MPC &BZC	CHE(MCCS)		CHE-MPC		
	III			CHE		CHE-BZC		
TUESDAY	I	CHE MPC&BZC				CHE-MCCS, BZC-B		
	II		CHE MPC&BZC	CHE(MCCS)				
	III			CHE		CHE(MCCS)		
WEDNESDAY	I							
	II		CHE MPC&BZC	CHE(MCCS)		CHE-MPC		
	III		CHE(MCCS)	CHE		CHE-MCCS		
THURSDAY	I							
	II		CHE					
	III			CHE BZC&MPC				
FRIDAY	I	CHE(MCCS)	CHE		CHE-MPC			
	II				CHE-BZC-A			
	III	CHE			CHE-MPC			
SATURDAY	I		CHE		CHE-BZC-A&B			
	II	CHE(MCCS)						
	III	CHE			CHE-BZC			

TIME – TABLE DEPARTMENT OF CHEMISTRY 2019-20

DAY	YEAR	9.30-10.30	10.30-11.30	11.30-12.30	12.30-01.30	1.30-2-20	2.20-3.10	3.10-4.00
MONDAY	I	CHE MPC&BZC			L U N C H B R E A K		CHE(MCCS)	
	II		CHE MPC &BZC				CHE-BZC-B	
	III		CHE(MCCS)	CHE			CHE-BZC-A	
TUESDAY	I	CHE MPC&BZC						
	II		CHE MPC&BZC				CHE-MPC	
	III		CHE(MCCS)	CHE			CHE-BZC-B	
WEDNESDAY	I	CHE MPC&BZC						
	II		CHE MPC&BZC				CHE-BZC-A	
	III		CHE(MCCS)	CHE				
THURSDAY	I		CHE(MCCS)					
	II							
	III	CHE(MCCS)		CHE BZC&MPC			CHE-BZC-B	
FRIDAY	I		CHE (MCCS)				CHE-MPC	
	II							
	III			CHE			CHE-BZC-A	
SATURDAY	I		CHE(MCCS)				CHE-BZC-A	
	II							
	III	CHE(MCCS)		CHE			CHE-MCCS	

TIME – TABLE DEPARTMENT OF CHEMISTRY 2020-21

DAY	YEAR	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.20	2.20-3.10	3.10-4.00	
MONDAY	I	CHE MPC&BZC			L U N C H B R E A K		CHE(MCCS)		
	II		CHE MPC &BZC				CHE-BZC-B		
	III		CHE(MCCS)	CHE			CHE-BZC-A		
TUESDAY	I	CHE MPC&BZC							
	II		CHE MPC&BZC				CHE-MPC		
	III		CHE(MCCS)	CHE			CHE-BZC-B		
WEDNESDAY	I	CHE MPC&BZC							
	II		CHE MPC&BZC				CHE-BZC-A		
	III		CHE(MCCS)	CHE					
THURSDAY	I		CHE(MCCS)						
	II								
	III	CHE(MCCS)		CHE BZC&MPC			CHE-BZC-B		
FRIDAY	I		CHE (MCCS)			CHE-MPC			
	II								
	III			CHE		CHE-BZC-A			
SATURDAY	I		CHE(MCCS)			CHE-BZC-A			
	II								
	III	CHE(MCCS)		CHE		CHE-MCCS			

TIME-TABLE_DEPARTMENT OF CHEMISTRY 2021-22

DAY	YEAR	9.30.-10.30	10.30.-11.30	11.30-12.30	12.30-1.30	1.30-2.20	2.20-3.10	3.10-4.00
MONDAY	I	CHE MPC&BZC			L U N C H B R E A K B R E A K		CHE(MCCS)	
	II		CHE MPC &BZC	CHE MCCS		CHE-BZC-A,B		
	III		CHE(MCCS)					
TUESDAY	I	CHE MPC&BZC						
	II		CHE MPC&BZC	CHE (MCCS)		CHE-MPC,MCCS		
	III		CHE(MCCS)			CHE-BZC-A,B		
WEDNESDAY	I	CHE MPC&BZC&DZC						
	II		CHE MPC&BZC					
	III		CHE(MCCS)	CHE MPC&BZC		CHE-MPC,MCCS		
THURSDAY	I	CHE	CHE(MCCS)			CHE-DZC		
	II					CHE-DZC		
	III	CHE(MCCS)		CHE BZC&MPC				
FRIDAY	I		CHE (MCCS)			CHE-BZC-A,B		
	II	CHE(MCCS)						
	III			CHE				
SATURDAY	I		CHE(MCCS)			CHE-MPC,MCCS		
	II	CHE MCCS						
	III			CHE				

LECTURER-WISE TIME-TABLE V.SHANTHI KUMAR

DAY	9.00-10.00	10.00-11.00	11.00-12.00	12.00-1.00	1.00-1.50	1.50-2.40	2.40-3.30
MONDAY			III BZC&MPC	LUNCH BREAK	III BZC PRA		
TUESDAY			III BZC&MPC				
WEDNESDAY			II MCCS				
THURSDAY			III BZC&MPC		I BA & B Com HVPE		
FRIDAY		I BZC&MPC			III MPC-PRA		
SATURDAY	II MCCS	I BZC&MPC			I BZC-B PRA		

M.SUBRAMANYAM

DAY	9.00-10.00	10.00-11.00	11.00-12.00	12.00-1.00	1.00-1.50	1.50-2.40	2.40-3.30
MONDAY			II MCCS	LUNCH BREAK			
TUESDAY			II MCCS		II MCCS- PRA		
WEDNESDAY		II BZC&MPC	III BZC&MPC		III MPC-PRA		
THURSDAY		II BZC&MPC					
FRIDAY	III BZC&MPC						
SATURDAY	III BZC&MPC				III BZC-PRA		

LECTURER-WISE TIME-TABLE K.RAMESH

DAY	9.00-10.00	10.00-11.00	11.00-12.00	12.00-1.00	1.00-1.50	1.50-2.40	2.40-3.30
MONDAY	I BZC&MPC	II BZC&MPC		LUNCH BREAK	II MPC-PRA		
TUESDAY	I BZC?&MPC	II BZC&MPC			II BZC-B-PRA		
WEDNESDAY		II BZC&MPC			I MCCS		
THURSDAY		II BZC&MPC			II BSc HVPE		
FRIDAY	I MCCS				II BZC-A-PRA		
SATURDAY							

LECTURER-WISE TIME-TABLE

P.ANUSHA REHEL

LECTURER IN CHEMISTRY

DAY	9.00-10.00	10.00-11.00	11.00-12.00	12.00-1.00	1.00-1.50	1.50-2.40	2.40-3.30
MONDAY	I BZC&MPC			LUNCH BREAK	I MCCS		
TUESDAY	I BZC&MPC						
WEDNESDAY							
THURSDAY					I-MCCS-PRA		
FRIDAY		I BZC&MPC			MPC-PRA		
SATURDAY		I BZC&MPC			BZC-PRA		

LECTURER-WISE TIME-TABLE

Sri G VEERANNA

Asst. Prof. of Chemistry (I, III & V SEM)

DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.20	2.20-3.10	3.10-4.00
MONDAY		CHE-II	MCCS II	LUNCH BREAK	II BZC A,B		
TUESDAY		CHE-II	MCCS II				
WEDNESDAY		CHE-II	CHE-III		MPC & MCCS III		
THURSDAY	MCCS II		CHE-III			IIDZC	
FRIDAY	MCCS II		CHE-III				
SATURDAY	CHE-II		CHE-III			SEC CHEM	

LECTURER-WISE TIME-TABLE

Sri P RAMACHANDRA RAO

Asst. Prof. of Chemistry (I, III & V SEM)

DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.20	2.20-3.10	3.10-4.00
MONDAY	CHE I	MCCS III		LUNCH BREAK	MCCS (T)		
TUESDAY	CHE I	MCCS III			IIMPC, MCCS		
WEDNESDAY	CHE I	MCCS III	MCCS II		SEC		
THURSDAY	CHE I	MCCS I					
FRIDAY		MCCS I			I BZC A , B		
SATURDAY		MCCS I			MPC & MCCS I		

DEPARTMENT OF CHEMISTRY

Important Days Celebrated at Department since 2016-17 till date

Sl.No	Academic year	Date	Important Day Celebrated	Significance/Activity conducted	No. of students participated
1	2016-17	27/01/2017 28/01/2017	Two Day National Seminar	Role of Chemistry in human health and environment.	Nearly 300
2	2016-17	16/09/2016	International Ozone Day	To create awareness about Ozone layer.	75
3	2017-18	16/09/2017	International Ozone Day	To create awareness about Ozone layer.	75
4	2017-18	1/12/2017	World AIDS Day	To create awareness about HIV/AIDS.	200
5	2018-19	16/09/2018	International Ozone Day	To create awareness about Ozone layer.	60
6	2018-19	18/09/2018	Water Quality Analysis	To understand about procedure for water quality.	20
7	2019-20	16/09/2019	International Ozone Day	To create awareness about Ozone layer.	90
8	2020-21	26/06/2020	Carrier Prospects for Chemistry Student	To understand about carrier prospects with students.	38
9	2020-21	11/02/2020	Carrier guidance to 1 st year Student	To create awareness about the opportunities for future employment.	60
10	2020-21	11/12/2021	World AIDS Day	To create awareness about HIV/AIDS.	200

Student Seminar

S.No.	Academic year	Date	Name	Class	Topic
1.	2016-17	8/7/2016	K. Naresh	BZC – II	Nucleophilic substitution & i.e., SN1 and SN2
2.	2016-17	04/08/16	V. Vinod kumar	BSC – II	Hydroxy compounds Reimer-Tiemann reaction
3.	2016-17	27/08/16	K. Naga Jyothi	BZC – II	Carboxyl Compounds Cannizzaro reaction
4.	2016-17	04/12/16	J. Soundarya	BSC – II	Phase rule
5.	2016-17	27/12/16	M. Ravi	BSC – II	Pericyclic reaction
6.	2016-17	11/01/2017	M. Ashok	BSC – II	Symmetry of molecules
7	2017-18	10/01/2018	P.Mani	BZC – I	Inorganic Chemistry
8	2017-18	12/01/2018	T.Gopal Rao	BZC – I	Isomerism
8	2017-18	25/01/2018	G.Lavanya	BZC – I	Nucleophilic substitution reaction. i.e., SN1 & SN2 reactions.
10	2017-18	22/02/2018	M.Nagaraju	BZC – I	Reimer-Tiemann reaction.
11	2018-19	20/07/18	V. Sandhya	BZC – I	Diborane
12	2018-19	24/07/18	K. Ravi teja	BZC – III	Chromatography
13	2018-19	08/08/18	K. Venkanna babu	BSC – I	Inductive effect
14	2018-19	30/08/18	Naga raju	BZC – II	f-block element
15	2018-19	06/09/18	Sravani	BZC – I	Liquid state
16	2018-19	19/09/18	D. Priyanka	BZC – I	Water system
17	2018-19	29/09/18	M. Rajesh	BZC – III	Glucose structure
18	2018-19	29/10/18	V. Sravani	BZC – I	Molecular orbitals
19	2018-19	29/12/18	E. Priyanka	BZC – II	Oxides

20	2018-19	10/12/18	Jyothi	BZC – II	Effective atomic number
21	2018-19	09/01/19	N. Venkatesh	BSC- I	Interhalogen compounds
22	2018-19	25/01/19	P. Nagalaxmi	BZC – II	Valence bond theory
23	2018-19	23/01/19	K. Sairam	BZC – I	SN1 & SN2 reactions
24	2018-19	21/02/19	M.Rajesh	BZC – III	SN1 & SN2 reactions
25	2018-19	23/02/19	Laxmanudu	BZC – II	Esterification
26	2018-19	23/02/19	SK. Nooruddin	BZC – III	Collision theory
27	2018-19	21/03/19	P. Anji babu	BSC – I	Material science
28	2018-19	25/03/19	L. Teja Vinitha	BZC – II	Pericyclic reaction
29	2018-19	25/03/19	G. Hemalatha	BZC – III	Health promotion class
30	2019-20	23/07/19	I. Abhinay	BSC – I	Linear combination of atomic orbitals
31	2019-20	23/07/19	M. Srivali	BZC – II	Symmetry
32	2019-20	23/07/19	T. Satyavathi	BSC – III	Boranes.
33	2019-20	13/08/19	D. Rajkumari	BZC – I	Nitration of benzene
34	2019-20	13/08/19	P. Sravani	BZC – II	Preparation of alcohols
35	2019-20	22/08/19	L. Teja Vinitha	BZC – III	Thin layer chromatography
36	2019-20	26/08/19	M. Sudharani	BSC – III	Thin layer chromatography
37	2019-20	23/09/19	B. Chintu	BZC – I	Azeotropic
38	2019-20	23/09/19	M.D. Rehman	BSC – II	Water system
39	2019-20	23/09/19	R. Jyothi	BZC -III	Amines
40	2019-20	23/10/19	G. Sowjanya	BZC – I	Isomerism
41	2019-20	22/10/19	V. Sarani	BZC – II	Conformation analysis
42	2019-20	25/10/19	R. Satyavathi	BZC – III	HPLC

43	2019-20	01/11/19	B. Gopala Krishna	BSC – III	Electronic transition
44	2019-20	03/02/2020	N.Lavanya	BSC-II	Organic Chemistry: Hens dicker reaction
45	2019-20	03/02/2020	B.Sairam	BSC-II	HVZ-Reaction
46	2019-20	05/02/2020	T.Mounica	BSC-II	Ester Hydrolysis
47	2019-20	05/02/2020	Nagajyothi	BSC-II	Co-ordination compounds
48	2019-20	10/02/2020	S.Yedukondalu	BSC-II	Esterification reaction
49	2019-20	10/02/2020	D.Suma	BSC-II	Carboxylic acids
50	2019-20	17/02/2020	D.Raj kumar	BSC-II	Nitration Reaction
51	2020-20	03/02/2020	N.Lavanya	II BZC	Hunsdieckr Reaction
52	2020-20	03/02/2020	D.Raj Kuamar	II BZC	HVZ Reaction
53	2020-20	05/02/2020	T.Mounica	II BZC	Ester Hydrolycis
54	2020-20	05/02/2020	M.Naga Jyothi	II BZC	Co-Ordination Compounds
55	2020-20	10/02/2020	S.Yedukondalu	II MPC	Esterfication Reaction
56	2020-20	10/02/2020	D.Suma	II BZC	Carboxylic Acid
57	2020-20	17/02/2020	B.Sairam	II MPC	Nitration Reaction

EXTENSION LECTURES

S.NO.	Academic year	RESOURCE PERSON	DATE	DESIGNATION	TOPIC
1.	2016-17	Dr. Vamshi Krishna	03/08/2016	Director, crystal morphics Hyderabad.	Carbohydrates
2.	2016-17	P. Ramesh	19/12/2016	Asst. Professor of Chemistry SR&BGNR Khammam.	Photo Chemistry
3.	2017-18	D. Veeranna	10/08/2017	Asst. Professor of Chemistry SR&BGNR Khammam.	Nitrogen compounds
4	2017-18	Prof. V. Ravinder	09/11/2017	HOD & Professor KU Warangal.	Inorganic chemistry
5	2018-19	Y. Mahesh	16/07/2018	Asst. Professor of Chemistry SR & BGNR GDC Khammam	Co-ordination chemistry
6	2018-19	G. Veeranna	13/03/2019	Asst. Professor of Chemistry GDC Garla.	Carbohydrates
7	20219-20	Dr P. Ramesh	15/07/2019	Asst. Professor of Chemistry SR & BGNR GDC Khammam	Amines
8	20219-20	V.Shanthi Kumar	28/12/2020	Lecturer in Chemistry SR & BGNR GDC Khammam	Diborane, Borazole
9	20219-20	M .Prasada Rao	10/03/2020	Lecturer in Chemistry GDC Thiruvuru Krishna Dt. A P	Heterocyclic compounds
10	2020-21	Dr P. Ramesh	15/07/2019	Asst. Professor of Chemistry SR & BGNR GDC Khammam	Amines
11	2020-21	V.Shanthi Kumar	28/12/2020	Lecturer in Chemistry SR & BGNR GDC Khammam	Diborane, Borazole
12	2020-21	M.Subrahmanyam	9/12/2021	9666301229, SR&BGNR Khammam	d-Block elements

FIELD TRIPS

Academic year	Event	Name of the resource person	No.of participants	Outcome of the event
2016-17	Industrial visit to KTPS Paloncha	V.Prasad A.E KTPS Paloncha	50	Students understood about the power generation process in KTPS.
2017-18	Field trip to Mother Theresa institute of Pharmaceutical sciences. Siddaram.	Dr.K.Krishna Rao QCO	35	Understood the various instrumentation techniques.
2018-2019	Field trip to water purification plant	M.Srinivas Reddy Gowri gudem,Sathupally	27	Understood about various water purification techniques.

QUIZ COMPETITIONS

Academic year	Event	Name of the resource person	No.of participants	Winners
2016-17	Quiz competitions on the occasion of International Ozone Day	Dr. Narasimha Rao, Municipal	30	1.Sk.Pasha 2.Sk.Bahadulla 3.M.Ashok 4.M.Ravi
2017-18	Quiz competitions on the occasion of International Ozone Day	Dr. CH. Samatha Dept. of Zoology	21	1. B.Sai ram 2. K.Krishna 3. K.Thirumala

REMEDIAL COACHING DETAILS

S. No.	Year	No. of students enrolled for remedial coaching	No. of students passed in the consequent exams	Pass%
1	2016-17	30	16	53
2	2017-18	10	6	60
3	2018-19	12	6	50
4	2019-20	-	-	-
5	2020-21	-	-	-

STUDENT STUDY PROJECTS CONDUCTED

ACADEMIC YEAR	TITLE OF THE STUDENT STUDY PROJECT
2020-2021	<ol style="list-style-type: none">1. Sterilization of water by bleaching powder.2. Chemistry in everyday life.3. Air pollution
2019-2020	<ol style="list-style-type: none">1. Chemistry of drinking water.2. Determination of Casein.3. Chemistry in everyday life.4. Estimation of caffeine from tea samples.
2018-2019	-
2017-2018	<ol style="list-style-type: none">1. Determination of hardness of water and purified water.2. Environmental Studies.
2016-2017	<ol style="list-style-type: none">1. Environmental Science.

Student study project 2021

Topic: Effect of Urea on the germination and growth of Red gram and Zea mays.

S.NO	NAME	CLASS	ROLL NO
1	U. Manasa	III BSc (MPC)	032-20-4114
2	SK. Rizwana	III BSc (BZC)	032-20-3214
3	A.Jyothika	II BSc (DZC)	032-21-3201
4	S. Venkateswara Rao	III BSc (MPC)	032-20-4110
5	N. Kranthi Kumar	III BSc (MPC)	032-20-4108
6	V. Kiran Kumar	III BSc (BZC)	032-20-3218



Two day National seminar

- Department of chemistry conducted two day national seminar on “Role of Chemistry on human health and environment”. From 27-01-2017 and 28-01-2017.
- **The Objectives of Seminar:** To bring knowledge regarding environmental protection and the solutions to be adopted in sustainable development and human health.
- **Outcome of the event:** The student community and the society understood the solutions to be adopted in sustainable development and human health, environmental protection.

Seminars/conferences/workshops conducted by the Department during the last five years

Year	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To	Link to the Activity report on the website
2016-17	"National Seminar on “Role of Chemistry in Human Health and Environment”	300	27-01-2017 to 28-01-2017 (Two days)	https://ccets.cgg.gov.in/Uploads/files/buttonDetails/58768.pdf

NATIONAL SEMINAR BROCHER AND SCHEDULES

REGISTRATION FORM

UGC Sponsored Two-day National Seminar on
Role of Chemistry in Human Health and Environment
27 & 28 JANUARY - 2017
Dept. of Chemistry
J.V.R. GOVT. COLLEGE, SATHUPALLY
KHAMMAM DIST. TELANGANA - 507303

Name: _____
Designation: _____
Name of the institution / Company: _____

Title of the paper to be submitted: _____
Phone: _____ Email: _____
DD Details: _____ (10)

NET / JGCS in the Principal, J.V.R. Govt. College, Sathupally, A.C. No. 421508067, SBI, SATHUPALLY, HYDRABAD (SBI BRANCH).


Accommodation required: Yes / No
(Participate to have the degree)

Place: _____
Date: _____ Signature of the applicant: _____


Note - 1: The registration fee may be remitted either by DD in favour of The Principal, J.V.R. Govt. College, Sathupally, payable at Sathupally or in person at the time of registration.
Note - 2: This form may be Xerox and used. The filled in registration form may be sent using the mailed paper to the concern of the seminar.

For Further Details Contact:
Madala Subramanyam V. Shanthi Kumar
Organizing Secretary Convener

Dept. of Chemistry
J.V.R. GOVT. COLLEGE, SATHUPALLY
KHAMMAM DIST. TELANGANA STATE - 507303
Cell: 9442272000, 9440312000, 9442174331
Email: seminarjvrc@gmail.com



UGC Sponsored
Two-day National Seminar on
Role of Chemistry in Human Health and Environment
27 & 28 JANUARY - 2017



Organized by
DEPARTMENT OF CHEMISTRY
J.V.R. GOVT. COLLEGE, SATHUPALLY
(Re-accredited at 'B' by NAAC)
Khammam - 507303, Telangana State

NATIONAL ADVISORY COMMITTEE

Prof. Dr. Bhupathi Reddy, Dept. of Chemistry, K.U. Warangal
Dr. G. Hanumanthulu, BOK, Osmania, Dept. of Chemistry, K.U. Warangal
Prof. A. Narasimha Rao, Dept. of Chemistry, K.U. Warangal
Prof. G. Venkataratnam, Dept. of Chemistry, K.U. Warangal
Prof. G. Venkataratnam, Dept. of Chemistry, K.U. Warangal
Prof. A. Jaya Shree Reddy, Director, BIRSI, Hyderabad
Prof. G. Venkataratnam, Dept. of Chemistry, V.V. College, Tirupathi
Dr. S. Venkatesh Reddy, Dept. of Chemistry, V.V. College, Tirupathi
Dr. K. Saravali Babu, Nizam, K.U. Hyderabad
Dr. G. Hanumanthulu, Dept. of Chemistry, K.U. Warangal
Dr. S. Venkatesh Reddy, Dept. of Chemistry, K.U. Warangal
Dr. T. Saritha Jyothsna, Dept. of Chemistry, K.U. Warangal
Dr. S. Jyothsna Reddy, Dept. of Chemistry, K.U. Warangal
Dr. K. Manjusha, Dept. of Chemistry, K.U. Warangal
Dr. G. Venkataratnam, Dept. of Chemistry, V.V. College, Tirupathi
Dr. T. Saritha Jyothsna, Dept. of Chemistry, V.V. College, Tirupathi
Dr. Ravi Varma, BOK, Dept. of Chemistry, V.V. College, Tirupathi
Dr. P. Jagdish, BOK, Dept. of Chemistry, V.V. College, Tirupathi
Dr. M. Varma Krishna, CIO, Central Institute of Technology, B.O. Post, B.O.

ORGANISING COMMITTEE

Convener: Dr. G. Narasimha Rao, M.A., M.Ph., Ph.D.
Principal, J.V.R. Govt. College, Sathupally

MEMBERS

Mr. K. Ramesh, Dept. of Chemistry
Mrs. P. Anandha Reddy, Dept. of Chemistry
Mr. P. Ramesh, Dept. of Chemistry, B.R. Rao, B.R. Rao, B.R. Rao, B.R. Rao
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Mr. N. Venkatesh Reddy, Dept. of Chemistry
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Mr. R. Venkatesh Reddy, Dept. of Chemistry
Mr. V. Venkatesh Reddy, Dept. of Chemistry
Mr. K. Venkatesh Reddy, Dept. of Chemistry
Mr. L. Venkatesh Reddy, Dept. of Chemistry
Mr. P. Venkatesh Reddy, Dept. of Chemistry
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Mr. Z. Venkatesh Reddy, Dept. of Chemistry

J.V.R. GOVT. COLLEGE, SATHUPALLY-KHAMMAM DIST

UGC SPONSORED TWO DAY NATIONAL SEMINAR ON
"ROLE OF CHEMISTRY IN HUMAN HEALTH AND ENVIRONMENT"
IN ASSOCIATION WITH TELANGANA STATE COUNCIL OF HIGHER EDUCATION (TSCHE)

27th January 2017 In-Angular Session

- Chairman : Dr. G. Narasimha Rao, Principal, J.V.R. Govt. College, Sathupally
- Chief Guest : Prof. T. Papu Reddy, Chairman, TSCHE Hyderabad.
- Guest of Honour :
 - Prof. G. Jayaram, BOK, Dept. of Chemistry, K.U. Warangal
 - Dr. G. Hanumanthulu, BOK, Dept. of Chemistry, K.U. Warangal
 - Dr. U. Venkatesh Reddy, Principal, SRABONR Govt. College, Khammam
 - Dr. M.V. Ramani, Principal, S.R. Govt. Arts & Science College, Khammam.
- Key Note Speakers:
 - Prof. V. Ravinder, Department of Chemistry, Kakatiya University, Warangal.
 - Prof. M.V. Subramanyam Rao, Special Officer, Krishna University, Dr. M.R.P. PG Centre, Narsaraopet.
- Seminar Convener : V. Shanthi Kumar, Lecturer in Chemistry, JVRGC/SPL
- Seminar Organizing Secretary: M. Subramanyam, Lecturer in Chemistry, JVRGC/SPL
- Preparer using IIS: A. Saritha & Party, Department of Chemistry, Sathupally.
- Printing Remarks: by the Chairman Dr. G. Narasimha Rao, Principal, J.V.R. Govt. College, Sathupally.
- Release of Seminars by the Chief Guest and Other Dignitaries.
- Brief Presentation about the Seminars by Seminar Convener V. Shanthi Kumar, Lecturer in Chemistry, JVRGC/SPL.
- Messages by Guest of Honour and Chief Guest.
- Felicitation to the Retired Lecturers of Dept. of Chemistry, JVR Govt. College, SPL.
- Felicitation to Chief Guest & Guests by the Director Of the Seminar
- Key Note Addressed by Prof. V. Ravinder, Department of Chemistry, K.U. Warangal
- Vote of Thanks by M. Subramanyam, Lecturer in Chemistry

Sl. No.	DETAILS OF SEMINAR PROGRAM/STRUCTURE	SEMINAR CHAIR PERSON OF THE SESSION
Day-I, 27-01-2017 - Session-II		
1	KEY-NOTE LECTURE "THE ROLE OF ECO-FRIENDLY ORGANOMETALLICS AS CATALYSTS IN GREEN SYNTHESIS" Prof. V. Ravinder, Department of Chemistry, Kakatiya University, Warangal.	Dr. K. Jaya Prakash Rao, NIGM, Lab. Division of Chemistry, Department of Science & Humanities VSTR University, Vidyanagar-522233, Gunur District, A.P.
2	INVITED LECTURE-I "CONTRIBUTION OF NATURAL PRODUCTS FOR ARABIDOPSIS THALIANA PHARMACOLOGICAL ASPECTS" Dr. K. Saravali Babu, Senior Scientist, Natural Products Chemistry Division, Indian Institute of Chemical Technology, Hyderabad-500077, India.	
PAPER PRESENTATIONS		
1	Division of Natural Product Chemistry, CSIR-Indian Institute of Chemical Technology, Uppal Road, Hyderabad-500077, India.	
2	D-211, Discovery Lab, Indian Institute of Chemical Technology, Hyderabad	
3	NIGM, Lab. Division of Chemistry, Department of Science and Humanities, VSTR University, Vidyanagar-522233, Gunur District, A.P. India.	
LUNCH BREAK		
Day-1, 27-01-2017 - Session-III		
1	INVITED LECTURE-II "LINKAGE BETWEEN ENVIRONMENT AND HUMAN HEALTH" Dr. B. Rajagopal, Director, School of Distance and Trans-disciplinary Studies, Indian Institute of Chemical Technology, Hyderabad, 500077, India.	
2	INVITED LECTURE-III "REACTIVITY STUDIES INVOLVING SOME MONOMEROPHILIC SUBSTITUTED BENZENE DERIVATIVES" Dr. Ravi Varma, Dept. of Chemistry, BOK (V.V. College), Tirupathi, Andhra Pradesh, India.	Prof. V. Ravinder Department of Chemistry, Kakatiya University, Warangal
3	INVITED LECTURE-IV "GREEN CHEMISTRY FOR SUSTAINABLE DEVELOPMENT" Dr. G. Hanumanthulu, Asst. Professor of Chemistry & Chemist, Boudel of Studies, Kakatiya University Warangal	
PAPER PRESENTATIONS		
1	Dept. of Chemistry, Kakatiya University, Warangal.	
2	Division of Chemistry, C.S.I.R. Institute of Chemical Technology, Hyderabad.	
3	Department of Chemistry, S.R.A.R. N.R. Government College, Khammam, Telangana, India.	
4	Department of Chemistry, Kakatiya University, Warangal.	

About the college: Jagann Venkatesh Rao (JVR) Govt College was established in the year 1976. It was started to cater to the initiative and welfare of the area known as the Chief Minister's J.V.R. Government College, Sathupally, in the field of education in this area. It was started with UG courses i.e., B.A., B.Com and B.Sc. to cater the educational needs of the rural and marginalised sections of the society. It gradually grew to be one of the largest colleges under public sector attracting students from far and wide. The academic standards at all corners of the state were appreciated by the then Hon'ble Chief Minister. These great teachers worked with selfless commitment and diligence and left a great legacy behind them.

The department has been offering M.Sc. (Organic Chemistry) with the strength of 30, since 2009. The members of the faculty are specialised in various fields, such as Organic Synthesis, Inorganic Chemistry and Physical Chemistry. The department is receiving funds from UGC & other agencies for academic development activities.

Theme of the Seminar: Chemistry has provided the backbone in understanding the structure, organization and function of living matter. The ability of plants to derive energy from sunlight and basic food of living organism are made of chemical and biological structures such as amino acids, sugars, lipids, Nucleotides.

Chemistry and chemical sciences have been instrumental in the development of modern medicine from diagnostics to drugs and the creation of the Pharmaceutical industry. The result has been a steady improvement in our health and the life expectancy over the past century.

Numerous challenges to human health still remain unresolved. Deadly infectious diseases including Malaria, Cholera and Tuberculosis may have been largely conquered in high income regions of the world but remain a major threat in poorer regions. Even in the developed countries the infectious disease threat is resurgent. It is essential to understand the pathogenesis of these diseases and to develop new approaches to treating diseases, including personalized medicines, regenerative medicine and improved biological therapeutics.

Environmental pollution is a global issue for the past few decades. The rapid economic and industrial developments to meet the needs of our increasing population have resulted in generation of environmental pollution. There is a need for continuous education about human health and environment which needs a forum for exchange of ideas and knowledge. It is important that the student community needs to participate in such forum.

Finally, it's not only a question of what we can synthesize, but also how we do it, since human growth and economic progress are now facing the chemical community to search for more efficient way of performing chemical transformations. Developing new materials for Eco-friendly reactions, i.e., GREEN CHEMISTRY & GREEN SYNTHESIS and their use in the chemical, drugs, medicines etc. synthesis is clearly

IMPORTANT DATES

Submission of Abstracts : 15 January 2017
Communication of Acceptance : 19 January 2017
Submission of Full Papers : 20 January 2017
Last Date of Registration : 22 January 2017
Date of Seminar : 27 & 28 January 2017
Soft copy of the paper should be mailed to seminarjvrc@gmail.com

Registration Fee:
Students Rs. 200/-, Research Scholar: Rs. 300/-
Faculty/Teacher: Rs. 700/-
Business Executive/Industry: Rs. 1000/-

UGC SPONSORED TWO DAY NATIONAL SEMINAR ON
Role of Chemistry in Human Health and Environment
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DEPARTMENT OF CHEMISTRY
J.V.R. GOVT. COLLEGE - SATHUPALLY
KHAMMAM DISTRICT - 507303, TELANGANA STATE, INDIA.

In Association with
TELANGANA STATE COUNCIL OF HIGHER EDUCATION

Certificate

This is to certify that Prof./Dr./Mr./Ms. _____ has participated / chaired a session / delivered key note lecture / delivered invited talk / presented paper (Oral / Poster) in the National Seminar on "The Role of Chemistry in Human Health and Environment" held on 27th & 28th January 2017 at Seminar Hall, J.V.R. Govt. College, Sathupally, Khammam Dist, Telangana State, India.

V. Shanthi Kumar
Convener
Madala Subramanyam
Organizing Secretary
Dr. G. Narasimha Rao
Seminar director & Principal

Research Papers published in UGC approved journals (2016-17 TO2020-21)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Understanding the Mechanism of SN2' vs. SN2 in Cascade Reaction of β -Naphthol and Nitrostyrene Derived MBH Acetates	Vadiga Shanthi Kumar,	Chemistry	Chemistry Select 2020, 5, 3080 –3084	March.2020	
An efficient, multi component, green protocol to access 4, 7-dihydro-tetrazolo [1, 5-a] pyrimidines and 5,6,7,9-tetrahydro-tetrazolo[5,1-b]quinazolin-8(4H)-ones using PEG-400 under microwave irradiation	Vadiga Shanthi Kumar,	Chemistry	Synthetic Communications- An International Journal for Rapid Communication of Synthetic Organic Chemistry	Sep-19	ISSN: 0039-7911 (Print) 1532-2432 (Online)
Xtal Fluor-E: An Efficient Reagent for Synthesis of Oxazolines from Car- boxylic Acids and O-Silylated Amino Alcohols	Vadiga Shanthi Kumar,	Chemistry	Journal of Heterocyclic Chemistry DOI 10.1002/jhet	Aug-2019	ISSN: 1943-5193
Rapid regeneration of Carbonyl compounds from Oximes under Mild Lewis acid conditions using $\text{NaI}/\text{BF}_3\text{Et}_2\text{O}$	Madala Subramanyam	Chemistry	International journal of pharmaceutical and chemical sciences	Dec 2014	ISSN: 2277-5005
Solvent free Alkalation of 1,3-Dicarbonyl compounds with Benzylic, Propargylic and Allylic Alcohols Catalyzed by $\text{La}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$	Madala Subrahmanyam	Chemistry	Asian journal of chemistry	Jan 2016	ISSN: 1155-1160
A Facile, Efficient and Convenient Synthesis of 1,8-Dioxodecahydracridines with PMA-SiO ₂ Reusable catalyst	Madala Subrahmanyam	Chemistry	Letters in Organic Chemistry	2018	ISSN: 915-921
Pd (II) Complexes of new tetra dentate Schiff Base ligands, Synthesis, spectral characterization and catalytic activity	G. Veeranna	Chemistry	Journal of applicable Chemistry	2018	ISSN: 2278-1862

Grants received from Government and non-governmental agencies for research projects, in the department during the last five years (INR in Lakhs (MRP's))

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-Investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
MRP on "Synthetic Utility of Baylis-Hilman Substrates towards synthesis of Heterocycles"	Vadiga Shanthi Kumar	Chemistry	2018-19	1,20,000.00	02 Years	UGC, SERO, HYD	Government
MRP On "Citric Acid Mediated Organic Transformations"	Madala Subramanyam	Chemistry	2017-18	2,65,000.00	02 Years	UGC, SERO, HYD	Government

LINKAGES (MOU's)

S.No	Name of the activity	Date of the activity From-To	Name of the resource person	No.of students participated	Mode of the activity conducted
1	Water quality analysis	18.09.2019 to 18.09.2019	Sri.Gopala Rao, Chemical Engineer, Department of RWS & Ssanitation, Sathupally.	20	Offline
2	Career prospects for students with Chemistry	26/06/2020	Dr G Hanmanthu Head Dept.of Chemistry KAKATIYA UNIVERSITY WARANGAL	38	Online

JVR GOVT. DEGREE COLLEGE

DEPARTMENT OF CHEMISTRY

BEST PRACTICE

TITLE:

Free Coaching for M.sc chemistry P.G Entrance examination

OBJECTIVES OF THE PRACTICE:

To encourage the interested students to get admissions into M.sc Chemistry in reputed universities.

THE CONTEXT:

Most of the students are interested to do PG in Chemistry but they have not in a proper planning. From the beginning our department is encouraging that kind of students and conducting coaching classes after their regular classes.

Now a day's employment opportunity is very less but the students can opt M.sc Chemistry can give a good chance for getting employment in either pharma industry or other chemistry related industries like polymer industry, fertilizers and pesticides industry, Ceramic industry, Petro chemicals industry, Cement industry.etc.,

Research related opportunity by getting UGC –CSIR-NET examination and various government jobs also available with chemistry that is Asst. Chemist in NTPC, ONGC, DRDO, BARC , KTPS, Heavy water plant etc.

THE PRACTICE:

The Department of chemistry is encouraging the students to do their Post graduation in chemistry , because the employment opportunities are more.

The students also motivated with the community especially the sathupally area people are aware about the importance of chemistry and many of them settled in pharmaceutical industries.

Apart from this, we also train the students about the drinking water analysis ,physical and chemical examination of drinking water.

This PG entrance exam is also useful for the students having other subjects like Microbiology, Bio-technology, Bio-Chemistry, genetics, Forensic science, Sericulture, Fisheries, Dairy science and environmental studies. So, Chemistry is the compulsory the deciding factor for achieving top rank.

EVIDENCE OF SUCCESS:

Department of chemistry started free coaching for chemistry in the year 2019-20. We conducted classes from 30th December 2019 to 12th march 2020 with 12 Members of B.Sc Students.





List of students admitted into M.sc Chemistry (2019-20)

Sl.No	NAME STUDENTS	ADMITTED IN COLLEGE
01	L. TEJA VINEETHA	NAVABHARAT PG COLLEGE
02	SK. THANVEER PASHA	NAVABHARAT PG COLLEGE
03	D. NAGARAJU	PRIYADARSINI KOTHAGUDEM
04	B. GOPALA KRISHNA	NAVABHARAT PG COLLEGE
05	LAXMI ANANTHA KUMAR(TEJA)	GEETAMS PG COLLEGE

List of students admitted into M.sc Chemistry (2020-21)

Sl.No	NAME STUDENTS	ADMITTED IN COLLEGE
01	B.NAVYA	TELANGANA UNIVERSITY
02	K.SRI RAM	OU PG COLLEGE MIRZAPUR
03	M.SAI PAVAN	MNR COLLEGE KP HYDERABAD
04	G.ANUSHA	TSWR PG COLLEGE FOR WOMEN HYDERABAD RR Dist.
05	B.RAMBABU	SR&BGNR GOVT. COLLEGE KHAMMAM
06	K.SIVA SAI	OU NIZAM COLLEGE HYDERABAD

List of students admitted into higher studies

S.No.	Academic Year	Name	Education	Institution / University
1.	2017	K. Ganga mani	B.Ed.	College of education(TW) Bhadrachalam
2.	2017	A. Vara laxmi	B.Ed.	Mother Teresa College of EdnSathupally
3.	2020	T. Sathyavathi	B.Ed.	Mother Teresa College of EdnSathupally
4.	2020	T. Anusha	B.Ed.	Mother Teresa College of EdnSathupally
5.	2017	K. Ravi teja	M.Sc. Chemistry	Kakatiya University Warangal
6.	2019	B. Vijay Kumar	M.Sc. Chemistry	Osmania University Hyderabad
7.	2021	SK. Rehman	M.A English	University PG College Khammam
8.	2021	T. Priyanka	M.A English	Osmania University Hyderabad

List of students achieved placements

S.No.	Year	Name	Designation	Address
1.	2021	Sri hariparikala	Marketing Executive	Alkem Laboratories limited Mumbai
2.	2019	A. Sathish	Lab Assistant	DTSS Hyderabad
3.	2019	R. Krishna	Research Associate	Hetero drugs Hyderabad
4.	2020	J. Siva prasad	Executive	Aurobindo Pharma Ltd Hyderabad
5.	2017-18	CH. Satya narayana	Research Associate	Crystal Morphix Pvt Ltd Hyderabad
6.	2017-18	R. Venkateshwarlu	R.A.	Crystal Morphix Pvt Ltd Hyderabad
7.	2017-18	S. Krishna	R.A.	Hetero Lab Hyderabad
8.	2016-17	D. Suresh	Para veterinary	GHMC Hyderabad
9.	2016-17	K. Uday kumar	Lab Assistant	GVK Bio labs Hyderabad
10.	2016-17	G. Bhavani	AR & D Trainee	CR & D Lantech Ltd Hyderabad
11.	2016-17	V. Ramana murthy	CR & D Trainee	CR & D Lantech Ltd Hyderabad
12.	2018-19	SK. Nooriddin	Asst. in Production Dept.	MSN Laboratories Pvt Ltd Hyderabad

13.	2018-19	B. Narasimha Rao	Asst. in Production Dept.	MSN Laboratories Pvt Ltd Hyderabad
14.	2018-19	T. Sravani	Asst. in Production Dept.	MSN Laboratories Pvt Ltd Hyderabad
15.	2018-19	T. Narasimha Rao	Asst. in Production Dept.	MSN Laboratories Pvt Ltd Hyderabad
16.	2018-19	P. Vanitha	Asst. in Production Dept.	MSN Laboratories Pvt Ltd Hyderabad
17.	2018-19	M. Anil Kumar	Asst. in Production Dept.	MSN Laboratories Pvt Ltd Hyderabad
18.	2018-19	K. Raviteja	Asst. in Production Dept.	MSN Laboratories Pvt Ltd Hyderabad
19.	2018-19	K. Rajesh	Asst. in Production Dept.	MSN Laboratories Pvt Ltd Hyderabad
20.	2018-19	S. Lavanya	Asst. in Production Dept.	MSN Laboratories Pvt Ltd Hyderabad
21.	2018-19	G. Hemalatha	Asst. in Production Dept.	MSN Laboratories Pvt Ltd Hyderabad

Departmental Library

Library having text books like unified vol-1, vol-2, vol-3 and vol-4 and Telugu Academy text books.

More than 20 references books available in the departmental library.

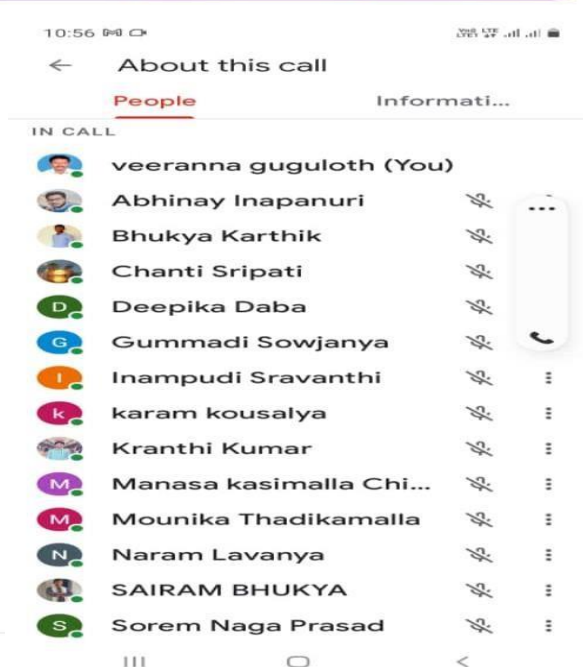
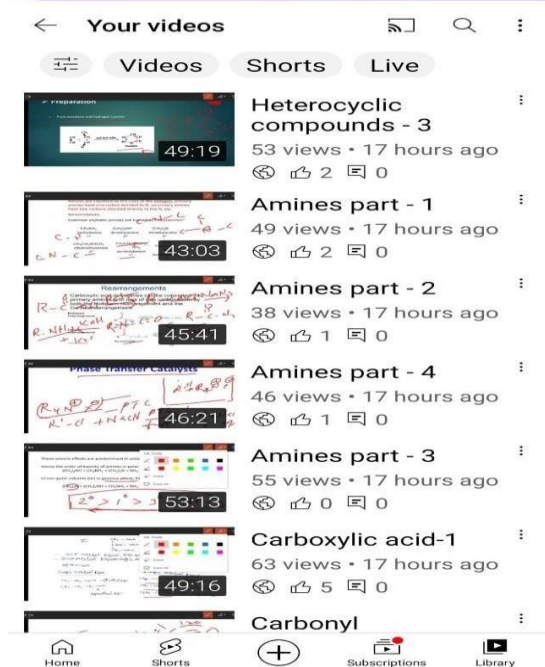
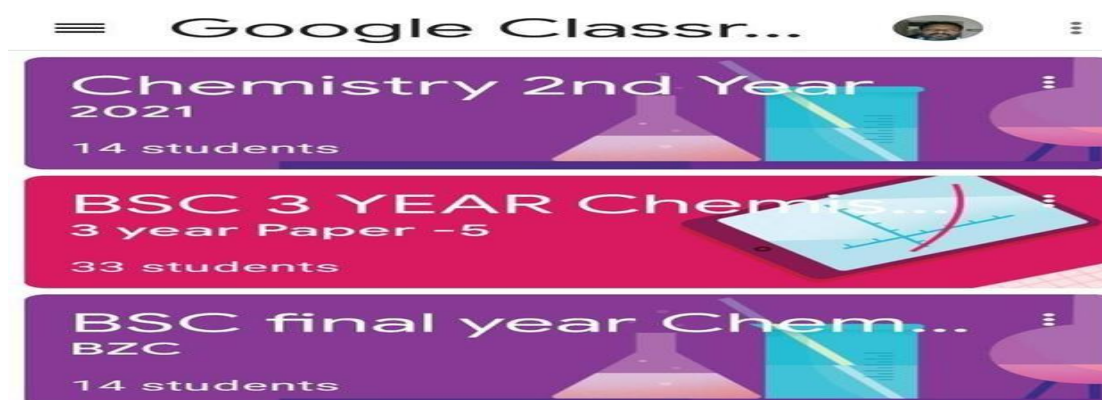
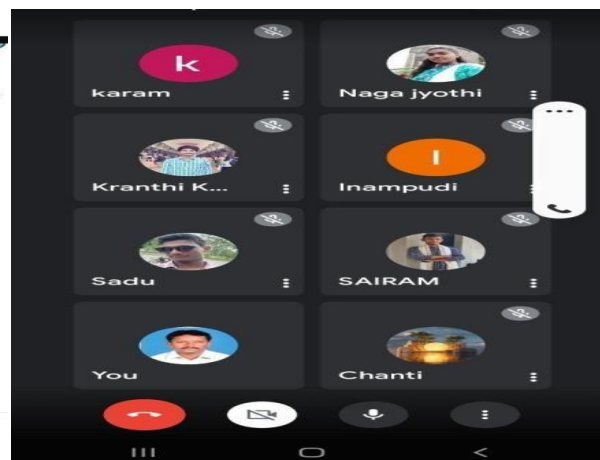
PG entrance material and old question papers, syllabus books, practical manual available in the library.

- Unified Chemistry-I
- Organic reaction mechanisms
- A to Z Chemistry-Y
- Vikas Chemistry
- GRB-Physical Chemistry
- Unified Chemistry-I
- GRB-Organic chemistry
- Kalyani Unified Chemistry
- Instrumental methods of chemical analysis
- Unified Chemistry-III
- Organic reaction mechanism
- Heterocyclic chemistry
- Stereo Chemistry
- Principles of organic chemistry
- Unified Chemistry-IV
- Text book of qualitative chemical analysis
- Practical chemistry
- CSIR question papers
- Telugu academy books
- PG entrance material

INFRASTRUCTURE AND LEARNING RESOURCES

- Department has Well equipped ventilated organic, inorganic and physical chemistry laboratories available in the department.
 - Department Store Room, Glassware Room and Departmental Library available.
 - For teaching learning Digital Board in room no: 11 and ICT Facilities at Room no: 54 and 14.
 - Central Library having reference books section and internet facility available.
 - Free Wi-Fi for the students at the library.
-
- Heating mantles
 - Magnetic stirrers
 - Hot air oven
 - Conductometers
 - Potentiometers
 - Colorimeters
 - PH meter
 - Burettes
 - Pipettes
 - Boiling tubes
 - Test tubes
 - Condensers
 - Electronic weighing balance
 - R.B. flasks
 - Volumetric flasks
 - Funnels
 - Buckner funnels
 - TLC Plates
 - Measuring jars
 - Beakers
 - Bunsen burners
 - Freezer
 - Conical flasks

SRI G.VEERANNA PPT's, GOGLE CLASSROOM, YOUTUBE VIDEOS



PROMINENT ALUMNI OF THE DEPARTMENT

S.NO.	NAME	QUALIFICATION	PRESENT WORKING
1	M. Venkateswara Rao	I.A.S	Ex.Collector, Midnapur, West Bengal
2	Dr. Ganapathy reddy	M.Sc.,Ph.D	PDF at University of Dilwar state USA
3	Dr. M. Vamshi Krishna	M.Sc.,Ph.D	M.D Crystal Morphi India Pvt.Ltd.
4	K. Prasad Reddy	B.Sc. L.L.B	Advocate
5	S. Hima Bindu	M.Sc	Lecturer, Gowthami College, Hyderabad.
6	Raja Mohan Reddy	M.Sc	LIC D.O., Hyderabad
7	P.D. Srinivas Reddy	M.Sc	Scientists, Reddy labs, Hyderabad
8	G. Ramarao	B.Sc. B.Ed	Sr. Sanitary Inspector, Manuguru
9	Dr. P.Kishore Kumar	M.Sc.,Ph.D	Matrix Labs, Hyderabad
10	P. Koteswar rao	MSc	Chaitanya Group of colleges, Vijayawada
11	M. Sateesh	MSc	Jr. Lecturer Khammam
12	D. Murali Reddy	MSc	Scientist, Hetro Drugs Ltd. Hyderabad
13	Dr. P. Padma		Doctor
14	M.Krishna	MSc	Aravinda Labs, Hyderabad
15	C.Anjameyulu	MSc	English Lecturer
16	B.Srinivas Rao	MSc	Working at UK
17	Sai kumari	MSc	Food and Nutrition Lab
18	D. Subba Rao	MSc (Chem)	Chemistry Lecturer
19	S.Suneetha	MSc	Lecturer,Hyderabad
20	B.Prameela Rani	MSc	Orchids Lab,Chennai
21	P.Poornanda Rao	MSc	Lecturer, Chaitanya college,Hyderabad
22	Y.Radha Krishna	MSc (Math)	Mathematics Lecturer

23	M.Venkateswar Rao	MSc	Sr. Scientist, Devis Labs, Hyderabad
24	N.Srinivas Rao	MSc	Degree college Lecturer
25	K.Vijaya Laxmi	MSc	Hetro Drugs Ltd, Hyderabad
26	B.Venkateswar Rao	MSc	Degree college Lecturer
27	M. Rama Mohan Prasad	MSc	Lecturer, Polytechnique college Vijayawada
28	V.Krishna Kumar	MSc	Lecturer in Zoology
29	J.Mareswar Rao	MSc	Scientist, Lee Pharma, Hyderabad
30	B.Venkateswar Rao	BSc. BEd	Hostel Warden, Sathupally
31	M.Satyanarayana Reddy	MSc	D.M. Lee Pharma , Hyderabad
32	B.Venu Babu	MSc	Bank Officer, Srisailam
33	A.V. Narsa Reddy	MSc	Asst. G.M, Hetro Drugs Ltd, Hyderabad
34	Subhashini	MSc	LIC Officer, Kothagudem
35	Dr. Satyanaarayana	MSc , Ph.D	Lecturer Nizam college, Hyderabad

FUTURE PLAN

- Planning to MOU with IICT Hyderabad and University of Hyderabad in the month of November 2022.
- To conduct a certificate course from next coming semester onwards.
- To conduct a national seminar on Recent trends in Chemistry and allied Sciences.
- To Establish a Research Laboratory in the department from next academic year 2023-2024

Departmental activities photo gallery INTERNATIONAL OZONE DAY



NATIONAL SCIENCE DAY



సైన్స్ తోనే సామాజిక పురోగాభివృద్ధి

డిగ్రీ కళాశాల ప్రిన్సిపల్ రామచంద్రరావు

కవివారం అమావాస సదస్సు నిర్వహించారు. ఈ సదస్సుకు ముఖ్య అతిథిగా డిగ్రీ కళాశాల ప్రిన్సిపల్

పానెం రామచంద్రరావు హాజరై జ్యోతి ప్రజ్వలన చేసి సర్ సి.వి. రామన్ దీక్ష పటానికి నివాళులు అర్పించారు. ఆనంతరం ప్రిన్సిపల్ మాట్లాడుతూ సైన్స్ తోనే సామాజిక పురోగాభివృద్ధి చెందుతామని సైన్స్ అనేది మన ఆలోచనలో మౌలికమైన మూర్తులు తెచ్చే అంశమైన విద్యార్థులు సుస్థిరమైన పరిశీలన జైని ప్రయోగపూర్వకమైన జ్ఞానాన్ని పెంపొందించుకోవాలని ప్రిన్సిపల్ విద్యార్థులకు సూచించారు. ఈ సందర్భంలో డాక్టర్ కె. విజయకుమార్, జె. వీరప్ప, పి. అనూపాలు సమన్వయ కర్తలుగా వ్యవహరించారు. జీవశాస్త్ర అధ్యాపకులు కె. రవికుమార్, ఆనంద వ్యవస్థలో రాంబందుల ప్రాముఖ్య అనే అంశంపై డీఎన్టీ ద్వితీయ విద్యార్థి రాజీవ్ మూర్తి వలయాలు ద్వారా వయస్సు నిర్ధారణ అనే అంశంపై పీసీటీ ప్రజంటేషన్ ద్వారా వివరించారు. ఈ సదస్సులో కళాశాల అధ్యాపకులు డి.వినోద్ కుమార్, ఐ. కిరణ్ కుమార్, బి. వీరాచిద్దే, డి. విజయలక్ష్మి, కె. రాజ్యలక్ష్మి, ఎం.సత్యనారాయణ, విద్యార్థులు తదితరులు పాల్గొన్నారు.



సత్యవల్లి, ఫిబ్రవరి 27, ప్రభాతవార్త: ఈనెల 28వ తేదీన జాతీయ సైన్స్ దినోత్సవాన్ని పురస్కరించుకొని వెంగళరావు ప్రభుత్వ డిగ్రీ కళాశాలలోని సైన్స్ విభాగం ఆధ్వర్యంలో విద్యార్థులు శాస్త్రీయ దృక్పథం అనే అంశంపై

వార్త Sun, 28 February 2021
<https://paper.vaartha.com/c/58752130>

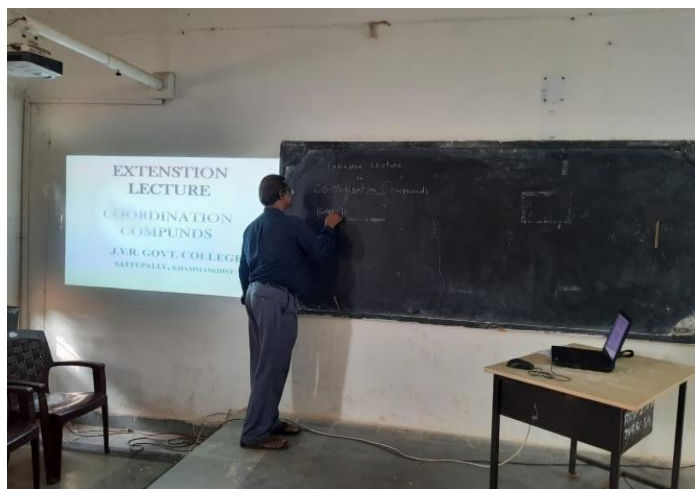


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EXTENSION LECTURES



LABORATORIES



STUDENT SEMINAR





ADMISSIONS CAMPAIGN



జేవీఆర్ లో ముగిసిన జాతీయ సదస్సు

సత్తుపల్లి రూరల్: జేవీఆర్ ప్రభుత్వ డిగ్రీ కళాశాలలో యూజీసీ ఆర్థిక సహకారంతో నిర్వహిస్తున్న జాతీయ సెమినార్ శనివారం ముగిసింది. కళాశాల ట్రీనింగ్ పాల్ డాక్టర్ గండ్రోతు నర్సింహారావు అధ్యక్షతన జరిగిన ముగింపు కార్యక్రమంలో రెండు రాష్ట్రాల నుంచి వివిధ యూనివర్సిటీలకు సీనియర్ ప్రొఫెసర్లు ముఖ్యఅతిథులుగా హాజరై ప్రసంగించారు. మానవో ఆలోచన-పర్యావరణంలో రసాయనశాస్త్ర పాత్ర అనే అంశంపై విద్యార్థులకు అవగాహన కల్పించారు. సెమినార్ లో రసాయన శాస్త్ర విద్యార్థులు ఈ సదస్సు ద్వారా ఎన్నో విషయాల గురించి తెలుసుకున్నారు. మున్ముందు వీటిపై అవగాహన పెంచుకోవాల్సిన అవసరం ఎంతైనా ఉందన్నారు. ఈ కార్యక్రమంలో శాంతికుమార్, సుబ్రహ్మణ్యం, విజయకుమార్, హనీష్, పలువురు



ముగింపు సదస్సులో పాల్గొన్న అతిథులు

అధ్యాపకులు, శాస్త్రవేత్తలు, రెండు రాష్ట్రాలకు చెందిన రసాయనశాస్త్రం ప్రొఫెసర్లు పాల్గొన్నారు.

అంధ్రజ్యోతి Sun, 29 January 2017
epaper.andhrajyothy.com//c/16465375

శాస్త్రీయ పరిశోధనలపై మరింత దృష్టి సాలించాలి

సత్తుపల్లి, న్యూనటుడే: భారతదేశంలో శాస్త్రీయ పరిశోధనలో మరింత ప్రగతి సాధించాల్సి ఉందని కాకతీయ యూనివర్సిటీ ఆచార్య రవీందర్ అన్నారు. సానిక ప్రభుత్వ డిగ్రీ కళాశాలలో జాతీయస్థాయి రసాయన శాస్త్ర సదస్సు జరిగింది. ప్రజారోగ్యంపై రసాయనశాస్త్రం, పాత్ర అనే అంశంపై శుక్రవారం జరిగిన మొదటిరోజు సదస్సులో రవీందర్ ప్రసంగించారు. కళాశాల ట్రీనింగ్ పాల్ డా. జి. నరసింహారావు అధ్యక్షతన జరిగిన ఈ సభలో కాకతీయ యూనివర్సిటీ రసాయనశాస్త్ర విభాగపు అధిపతి ఎంపీ రమణ, విశ్రాంత అధ్యాపకులు కందిమళ్ల కృష్ణారావు, ఎల్వీఆర్

కృష్ణారావు, కన్వీనర్ శాంతకుమారి, సుబ్రహ్మణ్యం, సహాయ ప్రొఫెసర్లు రమేష్, అనూష్, రేచల్, నిర్మల, శ్రీలత పాల్గొన్నారు. పరంగల్లు, ఖమ్మం, భద్రాద్రి కొత్తగూడెం తదితర జిల్లాల నుంచి డిగ్రీ విద్యార్థులు హాజరయ్యారు. రాత్రిపూట విద్యార్థులచే సాంస్కృతిక కార్యక్రమాలు జరిగాయి.



బ్రోచరు ఆవిష్కరణ కార్యక్రమంలో అతిథులు



TELANGANA STATE FESTIVAL BATHUKAMMA



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