

N.V. Society's
N.V. ARTS, SRI KANHAYALAL MALU SCIENCE &
DR. PANDURANGRAO PATKI COLLEGE OF COMMERCE,
GULBARGA – 585 103. (KARNATAKA)
☎ : 08472 – 221655.

DEPARTMENT OF CHEMISTRY



A **Profile**

ESTABLISHMENT – 2010

- SUBMITTED BY -

ASHWJNJ K. R

H. O. D.

and Asst. Prof.

Department of Chemistry

N.V. Degree College, Gulbarga

DEPARTMENT OF CHEMISTRY

INTRODUCTION: -

The science faculty in the degree college began in the year 1987. It had only physics, mathematics and electronics as the optional subjects in the initial stage with a modest strength of 11 students and 6 teachers computer science was introduced as an additional combination in 1990. From the academic year 2004 – 2005 mathematical statistics was introduced as one of the optional subject continuing demands of parents & students towards chemistry the society introduced Chemistry optional subject to the college in the year 2009 – 10.

The combination was physics, chemistry, mathematics. During the year 2018-2019 as per the request of parents and students we have introduced Botany and Zoology combination as CBZ. The chemistry lab is situated at first floor of the building with sufficient equipments, apparatus & chemicals.

Department of chemistry: -

- ⇒ Department of chemistry was established in June – 2010.
- ⇒ Department is presently having one organic, and other physical chemistry lab with all furniture's equipments, chemicals & apparatus.
- ⇒ There are two faculties in the Department of which one full time & one guest faculty.
- ⇒ The Department is having one lab attender.
- ⇒ The temporal plan followed is of semester system.
- ⇒ The curriculum of chemistry contains three parts Inorganic chemistry, organic chemistry & physical chemistry for each semester.
- ⇒ The Department conducts seminars, group discussions, tests assignments

Staff Members: Our Department has hard working and well qualified staff.

Sl No.	Name Of The Staff	Designation	Date Of appointment	Working experience	Work load per week
01	Ashwini K.R M.Sc (Ph.D)	H.O.D and Asst. Prof	01-08-2011	11	26 hrs.
02	Smt Shaila .H.K M.Sc,B.Ed.	Guest lecturer	04-07-2013	07	14hrs.
03	Miss Poornima K M.Sc.	Temporary full-time lecturer	01-08-2018 To 30-01-2019	Fresher	27
03	Miss Vaishnavi J M.Sc	Temporary Fulltime lecturer	04-02-2019 To 15-03-2020	1	27
04	Miss Megha V M.Sc.	Guest lecturer	01-12-2021	3	12
04	Sri venkatesh Joshi	Attender		6	

Important equipments in the Department are: -

1. Distillation Apparatus
2. Digital electronic balance
3. Conductometer
4. Potentiometer
5. colorimeter
6. Abbes' refractor meter
7. Centrifuge
8. Incubator
9. Refrigerator
10. Water Bath

Admissions:

Students are admitted according to their merit & personal choice in the subject.

Syllabus:

- Our syllabus has revised in the year 2016-17 this was done by department of chemistry Gulbarga University Kalaburagi.
- Syllabus is then revised in 2018-2019 according to CBCS
- Presently we are following NEP-2020 syllabus for First sem

Conduct of classes: -

Theory:-

Conventional teaching chalk & talk method adopted, To enhance subject understanding & for effective teaching multimedia teaching power point presentation & smart classes are also used in teaching program.

Practical: -

Each & every practical is first demonstrated by the lecturers then the students are permitted to do the same the students are watched carefully, while doing the practical's. Repetition & special coaching is given to the students who are weak in understanding the subject.

Evaluations: -

A. Tests:

In our Department we conduct monthly Test to test the knowledge of every student If they are lagging in any topic we will guide them for improvement by conducting Remedial classes for the slow learners this makes the students to face Internal Assessment as well as University Examination easily.

B. Seminars : -

Class seminars will be conducted to make the students impart their knowledge about the subject before their friends. The seminar is followed by group discussion & questions. This also brings confidence in the students to face public.

Internal assessment tests: -

Two theory IA test will be conducted according to the University exam pattern. One practical IA test also conducted which makes the students more perfect in doing the experiments this enables the students to face the university exam easily.

Healthy practices: -

The department adopts many healthy practices. During annual gathering, every year in chemistry we sponsor cash prize for the highest scorer in IA as well as annual exam. This makes the student to compete among themselves and with others. The students are guided to organize welcome & farewell functions to their friends. They are also helped to organize class seminars & also department seminars, students of the department keep in touch with the teachers even after leaving the college to understand difficult topics.

Library: -

Central Library of N.V.Degree College has good books with sufficient numbers,

Total number of text books in the library are 199 which cost about Rs. 66700/-
Along with college library we have departmental library this makes the students to get more knowledge about the subject.

Student Strength in the Department during academic year 2012-13.

Total strength in the department is 72

Class	Male	Female	Total
B.Sc. I sem and II sem	22	10	32
B.Sc III sem and IV sem	11	10	21
B.Sc. V sem and VIsem	12	07	19

Student Strength in the Department during academic year 2013-14.

Total strength in the department is 81

Class	Male	Female	Total
B.Sc. I sem and II sem	20	13	33
B.Sc III sem and IV sem	21	06	27
B.Sc. V sem and VIsem	11	10	21

Student Strength in the Department during academic year 2014-15.

Total strength in the department is 114

Class	Male	Female	Total
B.Sc. I sem and II sem	15	18	33
B.Sc III sem and IV sem	18	12	30
B.Sc. V sem and VIsem	21 & 18	06 & 06	27 & 24

Student Strength in the Department during academic year 2015-16.

Total strength in the department is 101

Class	Male	Female	Total
B.Sc. I sem and II sem	18	26	44
B.Sc III sem and IV sem	11	17	28
B.Sc. V sem and VIsem	18	11	29

Student Strength in the Department during academic year 2016-17.

Total strength in the department is 102

Class	Male	Female	Total
B.Sc. I sem and II sem	24	15	39
B.Sc III sem and IV sem	14	23	37
B.Sc. V sem and VIsem	11	15	26

Student Strength in the Department during academic year 2017-18.

Total strength in the department is 125

Class	Male	Female	Total
B.Sc. I sem and II sem	27	23	50
B.Sc III sem and IV sem	23	15	38
B.Sc. V sem and VIsem	14	23	37

Student Strength in the Department during academic year 2018-19.

Total strength in the department is 159

Class	Male	Female	Total
B.Sc. I sem and II sem	47 & 41	31 & 30	78 & 71
B.Sc III sem and IV sem	26 & 24	22 & 23	48 & 47
B.Sc. V sem and VIsem	19	14	33

Student Strength in the Department during academic year 2019-20.

Total strength in the department is 196

Class	Male	Female	Total
B.Sc. I sem and II sem	51	33	84
B.Sc III sem and IV sem	38	28	66
B.Sc. V sem and VIsem	23	23	46

Student Strength in the Department during academic year 2020-21.

Total strength in the department is 219

Class	Male	Female	Total
B.Sc. I sem and II sem	38	31	69
B.Sc III sem and IV sem	51	33	84
B.Sc. V sem and VIsem	38	28	66

Student Strength in the Department during academic year 2021-22.

Total strength in the department is 219

Class	Male	Female	Total
B.Sc. I sem and II sem			
B.Sc III sem and IV sem	38	31	69
B.Sc. V sem and VIsem	51	33	84

Position of passed out students

2012-2013

Sl.no	Name of Student	Qualification	Position
01	Siddrama	M.Sc. Chemistry	Lecturer at S.B. College of science
02	Shivaleela	M.Sc. Chemistry	

2013-2014

Sl.No	Name of Student	Qualification	Position
01	Vishwaraj	M.Sc. Chemistry (Gold Medal) Cleared NET JRF (2018)	Lecturer at St.mary PU College
02	Shweta D R	M.Sc. Chemistry	Lecturer at Sri Guru P.U. College of science
03	Kannadavani	M.Sc. Chemistry	Lecturer at St. Joseph convent PU College, Kalaburgi
04	Santosh	M.Sc. maths	Lecturer at Disha P.U.College, Kalaburagi
05	Shivasharanppa	B.Sc.,B.Ed	Teacher at Govt High School, Raichur

2014-2015

Sl.No	Name of Student	Qualification	Position
01	Pavan	B.Sc.	Working At ABB glob and service limited
02	Ashok	B.S.c	PC
03	Vaishnavi Joshi	M.Sc. Chemistry	Lecturer at N.V.Degree College
04	Basavaraj	M.Sc. Chemistry	Lecturer at Kayaka foundation
05	Saroja	M.Sc. Chemistry	Cleared PSI exam waiting for further process
06	Shivanand	B.Sc.	Working at Govt . Hospital, Kalaburgi
07	Vilas	M.Sc. Chemistry	Working as MR
08	Nagesh	M.Sc. Chemistry	Lecturer
09	Umakant	B.Sc.	Working as QA at primus bright manufacturing company
10	Harishchandra	B.Sc.	Working at Rajashree cement factory

2015-2016

Sl.No	Name of Student	Qualification	Position
01	Poornima	M.Sc. Chemistry	Lecturer
02	Mamata	M.Sc. Chemistry	
03	Mahesh	M.Sc. Chemistry	Lecturer

2016-2017

Sl.No	Name of Student	Qualification	Position
01	Mamata	M.Sc. Chemistry	Lecturer at smt. V.G. college for women,
02	K.S.Rahul	M.Sc. Chemistry	Working in Dyes industry PUNE
03	Laxmikant	M.Sc. Chemistry	Lecturer
04	Anil	M.Sc. Chemistry	Lecturer
05	Megha	MBA	

06	Kupendra .K.C	B.Sc	Working at Chettinad Cement
07	Nikhil Kumar U.T	B.Sc	Working at Chettinad Cement
08	Krutika	B.Sc., B.Ed	
09	Ramya	B.Sc., B.Ed	
10	Ashwini	B.Sc., B.Ed	
11	Rashmi	B.Sc., B.Ed	
12	Pooja.N	B.Sc., B.Ed	
13	Sheela	B.Sc., B.Ed	
14	Jyoti K	MCA	
15	Priyanka Rathod	M.Sc. Physics	
16	Megha	M.Sc.Mathematics	
17	Sunita	M.Sc.Mathematics	
18	Sharanu Shivadi	B.Sc	PC
19	Siddarood	B.Sc.	PC
20	Ravindra Bhimalli	B.Sc	Working as Line Man (Gescom)
21	Mahesh	M.Sc.Mathematics	

2017-2018

Sl.No	Name of Student	Qualification	Position
01	Anita	M.Sc. Chemistry	
02	Vaishnavi	M.Sc. Chemistry	
03	Basavaraj	M.Sc. Chemistry	
04	Devaki	B.Sc.	Stenographer at ZP office , Kalaburgi
05	Nagaraj Simpi	B.Sc	Typist at DHO Office Kalaburagi
06	Akshay Jain	M.Sc. Chemistry	Working as QM at Shri cement Sedam

2018-2019

Sl.No	Name of Student	Qualification	Position
01	Omkar	M.Sc. Chemistry	
02	Sheetal	M.Sc. Chemistry	
03	Anil	M.Sc. Chemistry	
04	Santosh	B.Sc.	PSI
05	Ambrish. P.H.	B.Sc.	PSI

Student activities:

- i) Our students namely Manjunath and Achyuthrao of B.Sc. VI sem participated in science exhibition competition on theme **clean and Green energy** organized by **Karnataka Rajya Vijayana parishat at Nrupatunga degree college, Sedum.**
- ii) Three of our students Namely Bhagyashree.S Tejaswini, and Bhagyashree Patil of B.Sc. IV sem participated in science exhibition competition organized by **KSTA- SDP conference** held during 15th and 16th Oct 2019 at BiBi raza Degree College for Women Kalburgi.
- iii) Our students Namely Aishwarya and Yogesh of B.Sc. VI sem attended DST Science and engineering research board(SERB) sponsored two days national seminar on **“Impact of green chemistry on biodiversity and environmental challenge”** held on 20th and 21st September 2019 organized by the department of chemistry S.S.Margol College of Arts Science and Commerce Shahabad Kalaburgi.
- iv) Students of B.Sc. third sem Pooja and Jyoti participated in the Science exhibition for degree students organized by **Karnataka Vigyana parishat Bangalore in Collaboration with KSTA at N.V Degree college, Kalaburagi on 12-02-2021 theme was “Nano Tecnology”.**
- v) Our students Bhagyashree pujari and Bhagyashree Patil of B.Sc. V sem participated and bagged first in Science exhibition organized by **Karnataka Vigyana parishat Bangalore in Collaboration with KSTA at N.V Degree college, Kalaburagi on 12-02-2021 theme was Eco friendly and beet plastic pollution.**
- vi) B.Sc Vsem students namely Shreyas and Tejaswini participated in Science exhibition organized by **Karnataka Vigyana parishat Bangalore in Collaboration with KSTA at N.V Degree college, Kalaburagi on 12-02-2021 theme was Genetic Engineering.**
- vii) . **One of our student Veerendra D of B.Sc. III Sem has participated in university level Kannada science lecture competition organized by Karnataka Vigyana parishat Bangalore in Collaboration with KSTA at**

Sri Vidya Degree College , Kalaburagi and bagged First prize of Rs. 2000 cash prize on 28-11-2021

Extension activities organized by department:

2016-2017

CHEMICAL ANALYSIS COURSE

(Career Oriented Project)

- The purpose of this memorandum is to enhance the students' education by doing Field Work under the project by name Chemical Analysis, Career Oriented Project.
- Therefore under this project the candidates of this course are visited the NIRMAL Products Water plant for their Field work. Hence we made **MOU** with Them
- On 25-02-2017 we the staff and students visited Nirmal water plant Kalaburagi.

2018-2019

- We have organized special lecture in our college by Pharmacy students and staff about organic products in the month of September 2019
- Final year students along with staff visited **VASAVDATTA CEMENT FACTORY** at Sedam.

2019-2020

CHEMICAL ANALYSIS COURSE

(Career Oriented Project)

- On 15-02-2020 we the staff and students of B.Sc. VI sem visited Nirmal water plant Kalaburagi. To fulfill one day field work – A Career oriented Project on Chemical Analysis of water
- On 24-02-2020 we have arranged a special lecture for B.Sc. VI SEM under **Faculty Exchange Program** by **Dr. Shivaraj Mulge** H.O.D. Department of chemistry V.G. College for Women Kalburagi.

2020-2021

- On 29-10-2020 at 11.00am, arranged an online special Lecture in our college by Dr. Sangamesh Badiger Manager **DR. REDDY'S LAB BANGALURU** on “**Recent trends in Pharmaceutical Chemistry**” for Degree students.
- Organized One Day **State Level Seminar** on “**RECENT ADVANCES IN SPECTROSCOPY**” at our college on 15-03-2021 where special lecture was delivered by eminent personalities from Gulbarga University and Central University of Karnataka.
- On 12-09-2020 we the staff and students of B.Sc. VI sem visited Nirmal water plant Kalaburagi. To fulfill one day field work – A Career oriented Project on Chemical Analysis of water
-

Students qualifying in competitive exams:

- i) Vishwaraj. J cleared NET-JRF during June-2018
- ii) Many of our students has cleared and joined as PSI and PC

Best practices in the department:

- Go through the discussion about recent research activities.
- We are conducting group discussions, Class room micro seminars.
- For slow learners our dept conduct remedial classes and repeated tests, assignments
- We encourage our students to score good marks in IA and university exams by giving cash prizes for highest scores.

Micro-Seminars delivered by the students

2012-2013

Sl No.	Name of the student	Topic
01	Sripriya	Electrochemistry
02	Pooja	Colloids
03	Ambika	Noble gases

2013-2014

Sl No.	Name of the student	Topic
01	Santhosh J	Thermodynamics
02	Nagaraj	Noble gases
03	Vaishnavi	Colloids

2014-2015

Sl No.	Name of the student	Topic
01	K.S.Rahul	Photochemistry
02	Poornima	Atomic Structure
03	Hanamantraya	Amino Acids
04	Shweta T	Electrochemistry

2015-2016

Sl No.	Name of the student	Topic
01	Venkatesh	Carbohydrates
02	Bhagappa	Electrochemistry
03	Anita	Amino Acids

2016-2017

Sl No.	Name of the student	Topic
01	Vidyasagar	Colligative properties
02	Basavaraj S H	Electrochemistry
03	Shakuntala	Amino Acids
04	Sapna	Synthetic polymers
05	Vaishnavi	Chromatography
06	Nagaraj M	Halogens
07	Bhavani wadi	Oils and Fats
08	Shruti H	Amino Acids
09	Anita	Colligative properties

2017-2018

SI No.	Name of the student	Topic
01	Priyanka	Heterocyclic compounds
02	Ravi K H	Solids
03	Suma P	Heterocyclic compounds
04	Aishwarya	Photochemistry
05	Yogesh	p-Block Elements
06	Bhagyashree	Non Aqueous solvents
07	Shruti B S	Carbohydrates
08	Aishwarya	Heterocyclic compounds

2018-19

SI No.	Name of the student	Topic
01	Manjunath	Lanthanides
02	Abdul Masood	Actinides
03	Anil	Heterocyclic compounds
04	Avinash	Lanthanides
05	Firoz	Actinides
06	Vinod	Thermodynamics
07	Priyanka	Heterocyclic compounds
08	Aishwarya	Alcohols
09	Ravi K H	d-Block Elements
10	Yogesh	Heterocyclic compounds

2019-20

SI No.	Name of the student	Topic
01	Prashanth	
02		Actinides
03	Anil	Heterocyclic compounds

2020-2021

Sl. No.	Name of the student	Topic
01	Bhavani Mane	Spectroscopy
02	Apoorva Bhagya	Spectroscopy
03	Sneha	Heterocyclic compounds
04	Pramod kulkarni	Thermodynamics
05	Aravind	Evaluation of analytical data
06	Bhagyashree patil	Chromatography

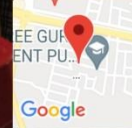
2021-2022

Sl. No.	Name of the student	Topic
01	Anjaneya	Organometallics
02	Jacob	Heterocyclic compounds
03	Sumant	Thioethers
04	Rahul pawar	Thiols
05	D Aruna	Gravimetric analysis
06	Aishwarya	Evaluation of analytical data
07	Vandana	Osmosis and osmotic Pressure
08	Bhavani Udagi	Colligative Properties
09	Mahadevi	Colligative Properties
10	Pooja	Thermodynamics
11	Kavyashree	Gravimetric analysis





Gulbarga, Karnataka, India
Shiva, 36/1, Ring Rd, Shakti Nagar, Oza Layout, Gulbarga, Karnataka
585102, India
Lat 17.298209°
Long 76.819187°
14/12/21 02:07 PM



Gulbarga, Karnataka, India
Shiva, 36/1, Ring Rd, Shakti Nagar, Oza Layout, Gulbarga, Karnataka
585102, India
Lat 17.29821°
Long 76.819187°
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Nutan Vidyalaya Society's

**N.V.Arts, Sri Kanhyalal Malu Science &
Dr.Pandurangrao Patki Commerce College, Kalaburagi 585103**

**Department of Chemistry, N.V.D.C. Kalaburagi &
(An IQAC Initiative) Organizes**



One Day State Level Seminar on `Recent Advances in Spectroscopy`

On Monday, the 15th March, 2021 at 10-00 am

Inauguration - 10 am to 12 noon

Chief Guest &
Key Note address - **Dr.J.S. Biradar**, Dept.of Chemistrty, G.U.K.

President - **Dr. Ramesh Yelsangikar**, Jt. Secretary (Academic)N.V.Society, Kalaburagi

I - Technical Session - 12.15 pm to 1.30 pm

Resource Person - **Dr.Harish Holla**, Dept.of Chemistry, C.U.K. Kadaganchi

Topic - **IR - Spectroscopy**

Chairperson - **Dr. Ramesh M.** Dept.of Chemistry, AV Patil Degree College, Aland

● Lunch Break - 1.30 pm to 2.30 pm ●

II - Technical Session - 2.30 pm to 3.45 pm

Resource Person - **Dr.Anand Saundane**, Dept.of Chemistry, G.U.K.

Topic - **NMR - Spectroscopy**

Chairperson - **Dr.Narayanachar**, Dept.of Chemistry, L.V.D.College, Raichur

Valedictory - 4 pm to 5.00 pm

Chief Guest - **Dr. Ramesh Londonkar** Dept.of Bio Technology, G.U.K.

President - **Dr.Gautam R. Jahagirdar** President, N.V.Society, Kalaburagi

You are cordially invited

Smt.Ashwini K.R.

Convener

HOD Chemistrty - NVDC, Kalaburagi

Smt Shaila H.K.

Co-convener

Prof. U.G.Sirdeshpande

Principal, N.V. Degree College,
Kalaburagi

Executive Committee :

Chairman :

Prof. U.G.Sirdeshpande,

Members :

**Dr.Shrikant Ekhelikar | Dr.V.S.Kulkarni | Sri. Govind Poojar | Dr.Gurumadvachar Navali |
Sri.Sudarsha J.Omkar | Smt. Bharati S.R. | Dr.Dayanand Shastry | Sri. Nagaraj Kulkarni |
Sri Sutej A.Deshmuh | Sri Krishna Borgaonkar | Kum.Rohini Shinde |
Smt. Hema Kulkarni | Smt.Radha Joshi**

Contact No : 9060979534 - email : rachitg126@gmail.com

invitation





Latitude: 17.332385
Longitude: 76.828308
Accuracy: 300.0m
Time: 29-10-2020 11:20
Note: special lecture

Powered by NoteCam

