

**GOVERNMENT DEGREE COLLEGE TRAL PULWAMA**



# **PROSPECTUS**

## **2025-26**



## **VISION**

- To strive for academic excellence aimed at nurturing the students to develop into productive and intellectual resource and to make the institution a college with potential for excellence

## **MISSION**

- To carve out and give fillip to innate flairs of the students
- To boost confidence and communicative abilities of the students for competing at global level.
- To augment the collective unconscious for community, moral up-liftment and philanthropic vision
- To impart education based on experimentation and observation and to meet the challenges ahead in this world of globalization.

## **From Principal's Desk**

Dear Students,

Before filling up the admission forms please give a thought to the college education scenario as is prevalent at the global and national level. You shall come to realise that there is absolutely no room for mediocrity and half-hearted efforts in this academic pursuit. Students as do not have percentage of marks in upper nineties at the plus two levels cannot even dream of admission to the college education at the quality institutions of the country. In this background we must consider ourselves lucky that our Government has been able to provide the facility of free college education to virtually each and every aspirant. We have to make an honest, focused and meaningful use of this facility.

Our commitment at Government Degree College Tral is to provide a conducive and intellectually challenging environment that will empower students to become innovative thinkers, creative problem solvers and inspired learners ready to thrive and excel in every path of life. Our aim is to inculcate among the student community, the moral, social and ethical values. We want you to excel in curricular, co-curricular endeavours and become socially responsible citizens.

In view of the New Education Policy (NEP 2020), we are providing academic and personal counselling to each student on regular basis especially at the time of admission. The vital essence is to provide personal direction and developmental guidance. Counselling helps teachers to bond and develop better rapport with the students that helps them to cope with the problems of growing up, keep up with their studies and planning their careers

I welcome you to the Government Degree College Tral and wish you well in your academic pursuits and at the same time I would advise you to work towards enhancing the

esteem of this college. You shall find your teachers and other staff members always ready to guide and assist you on the path of your academic pursuits & overall personality development.

I wish you all a fruitful and successful academic session.

**Prof. Muzafar Ahmad Bhat**  
**Principal**

### **MESSAGE FROM CONVENOR ADMISSION COMMITTEE**

I on behalf of Government Degree College Tral Admission Committee welcome all students seeking admission for the session 2025-26. Our commitment at Government Degree College Tral is to provide a safe and intellectually challenging environment that will empower students to become innovative thinkers, creative problem solvers and inspired learners prepared to thrive in the 21st century. High standards and expectations for each student with regard to academic performance, co-curricular participation and responsible citizenship are the foundation of our college. It is with pride that we hold these high standards and expect from each of our students to maintain an extra ordinary record of achievements and contribution upholding the legacy of the college. Another aspect that is strictly exercised in the college is to inculcate among the student community, the moral and social values based on our rich tradition. This is done with an intension to sculpt individuals that are humble, affectionate and hardworking with a high moral character.

We love our students with great attention and care precisely because we are deeply invested in their development and the important and unique contributions to knowledge and society that they will offer. The faculty members of College are dedicated both to their field of study and their morality. You will find them subject matter experts in the classroom, while still remaining deeply morally committed human beings. Their dedication to and care for their students is expressed in everything they do. Not only is the faculty able to know students by face and name, they are also able to serve the students as advisors and mentors. I wish you all a fruitful and successful academic session. In case of any assistance please do not hesitate to contact us. Let it be known to every student that they can approach us at any point in time and the best will be done to redress their problems.

**Convenor**  
**Admission Committee**

## COLLEGE PROFILE

Government Degree College Tral, established in 1988, is a NAAC accredited co-educational institution located at Bajwani, Tral at a distance of about 2.5 Kms from the main town Tral in district Pulwama of Jammu & Kashmir. With the catchment area of more than 84 villages having 12 Higher Secondary institutions, the college is one of the premier educational institutions of south Kashmir, affiliated with University of Kashmir, Srinagar. The college is spread over more than 12 acres of land and is recognized by the UGC Act of 1956 under section 2 (f) and 12 (B). At present, the college, besides offering admissions in diverse subjects of Arts, Science and Commerce Streams has also started offering BCA course as well. In addition, it is worth to mention that it is the only college in South Kashmir where Punjabi is taught as a subject. Besides in complete sync and harmony with nature, the college campus has an ideal academic environment which is well supported by a library housing over 25,000 books. The faculty of the college comprises of young and experienced members with expertise knowledge in their concerned domains. The college has a fully automated library, a gym, a vast playing field and a mini auditorium.



In order to make the college truly multidisciplinary, the college, besides the subjects and streams it offers aims to offer subjects like philosophy, psychology, music, sociology, Indology, Art & Design, Architecture, Theatre, Translation and Interpretation, Coding, Pure and Applied Sciences, Religion and Religious Studies, Cultural and Ethnic studies, Anthropology, Space Science and Earth Sciences, Social Work, Journalism, Media Studies, Library Science, Web Design etc. by 2030. In accordance with the vision of NEP-2020, the



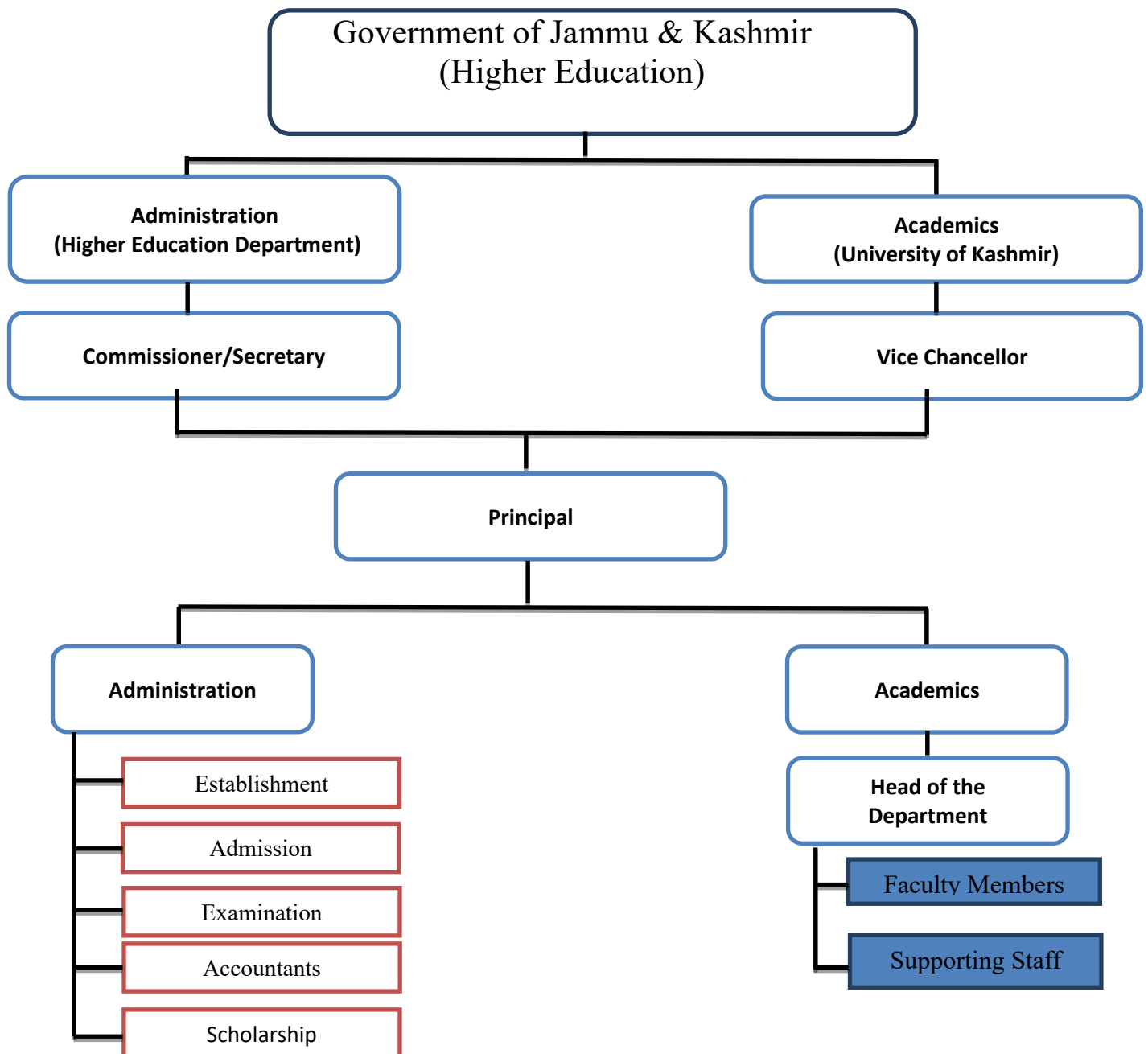
college aims to strengthen its base to run Open Distance Learning and online programs. As of now the college functions as a study centre for IGNOU and Kashmir University B.Ed students. In future it aims to seek permission for running regular as well as distance-mode PG, Diploma and certificate courses in English, Computer Application and some regional languages like Kashmiri, Gojri and Punjabi as well. The college also aims to offer bridge courses for students that come from disadvantaged educational backgrounds. Since quality research is an integral part of higher education, our college aims to develop a separate “Research and Development Centre” that would not only deal with research activities, but would also be mentoring and guiding the faculty members in achieving their respective research goals. The cell would be actively collaborating with the research centres of national and international repute so that the college, in future, could evolve into what NEP-2020 describes, as “Research-intensive or Teaching-intensive University.” Besides, the centre would provide the students opportunity as research internships with the faculty and outside researchers at their own college, so that students may actively engage with the practical side of their learning, thereby improve their employability. The Centre would also help the college in offering a ‘4-year Bachelor’s degree programme with Research’ as envisioned by NEP-2020.



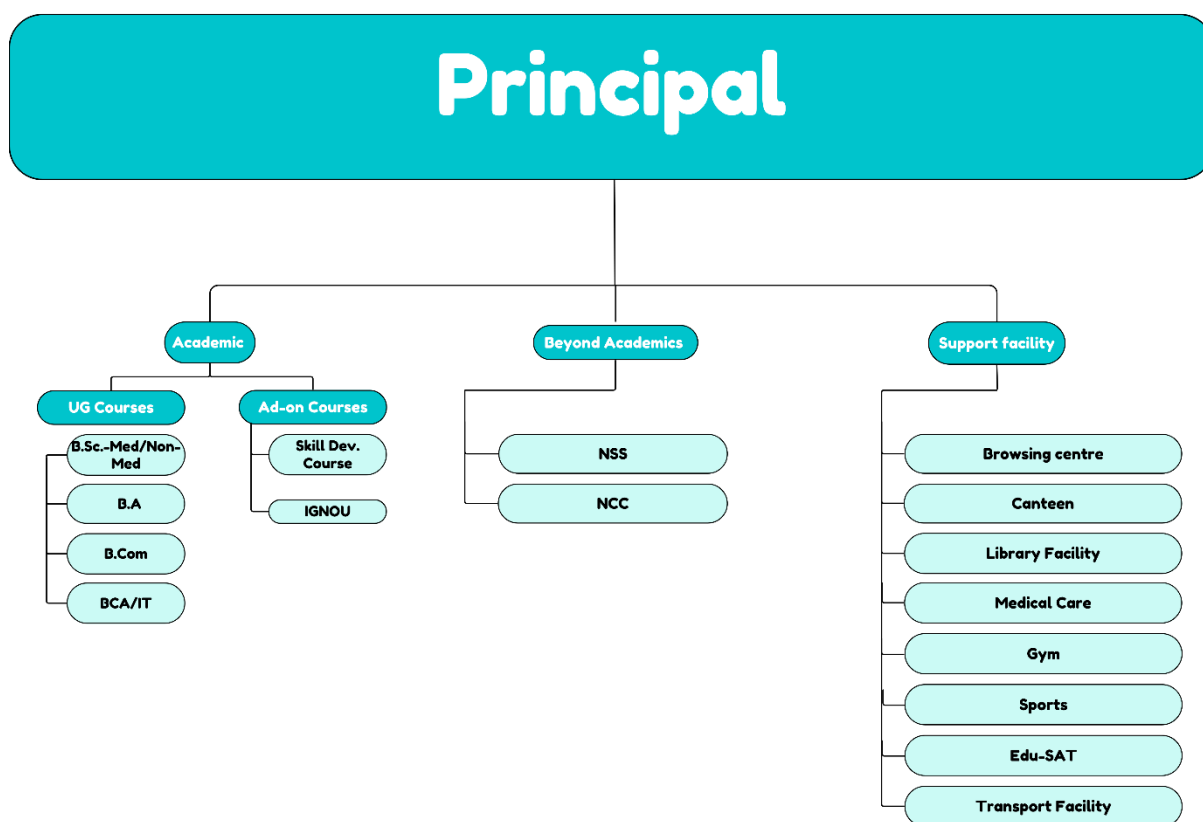
To promote and preserve Indian languages, Art and Culture, the college aims to establish a Translation and Interpretation Centre in the college campus. By offering high-quality programs and degrees in translation and interpretation, the college would strive to preserve local languages like Kashmiri, Dogri and even Punjabi. Since a good portion of the College

Catchment Area consists of Gujjars, the centre would try its level best to revive and preserve their language and culture. The college has a vision of setting-up few sub-centres in Gujjar areas as well that would both aim at preserving local language as well as improve Adult Literacy rate. The college is on its way to broaden the entire spectrum of Arts and Science education in the light of modern perspective. In the near future many more academic endeavours are awaiting a start.

## **ORGANISATIONAL STRUCTURE**



## COLLEGE LEVEL FUNCTIONING FLOW CHART



## DEPARTMENTS AT A GLANCE

Physical & Material Science	Earth Science	Life Science	Social Science	Languages
<ul style="list-style-type: none"> <li>○ Physics</li> <li>○ Chemistry</li> <li>○ Mathematics</li> <li>○ Computer Sciences</li> <li>○ Information Technology</li> <li>○ Commerce</li> </ul>	<ul style="list-style-type: none"> <li>○ Geography</li> <li>○ Environmental Science</li> </ul>	<ul style="list-style-type: none"> <li>○ Botany</li> <li>○ Zoology</li> <li>○ Biochemistry</li> </ul>	<ul style="list-style-type: none"> <li>○ Education</li> <li>○ Economics</li> <li>○ Political Science</li> <li>○ History</li> <li>○ Public Administration</li> </ul>	<ul style="list-style-type: none"> <li>○ English</li> <li>○ Urdu</li> <li>○ Punjabi</li> <li>○ Arabic</li> <li>○ Kashmiri</li> <li>○ Persian</li> </ul>

## COURSES OFFERED

The College offers following courses

- a) B.Sc. Medical/Non-Medical
- b) B.A
- c) B. Com
- d) BCA/ Information Technology

### ***Admission to 4-year undergraduate Programme (FYUP) under New Education Policy (NEP)-2020.***

National Education Policy (NEP) 2020 aims to revamp all aspects of India's education system that was in place over three decades and bring it closer to the best global standards of education. The policy provides for reforms at all levels of education from school to higher education. NEP-2020 envisions to have an education system that is second to none with equitable access to the highest quality education for all learners regardless of social or economic background. The New Education Policy proclaims to transform India into a global knowledge superpower. It is also India centric, as it intends 'to instil among the learners a deep-rooted pride in being Indian.

The policy envisages broad based, multi-disciplinary, holistic Undergraduate education with flexible curricula, creative combinations of subjects, integration of vocational education and multiple entry and exit points with appropriate certification. UG education can be of 3 or 4 years with multiple exit options and appropriate certification within this period. As per the NEP, the students will now have options of multiple exits during their UG programme. For example, a student can exit just after 1st year of graduation with a certificate in hand. If he/she opts to exit after the second year, an Advanced Diploma will be awarded for 2 years of successful completion of study. As usual, the 3rd year of UG



completion will result in a bachelor's degree and 4th year of UG completion will be awarded with a Bachelor of Research/ Honours.

The National Education Policy (NEP) 2020 is a transformative policy introduced by the Government of India aimed at overhauling the Indian education system. In higher education, it focuses on flexibility, multidisciplinary learning, and student choice.

Under NEP 2020, undergraduate education is restructured to offer multiple entry and exit points, holistic and multidisciplinary curricula and a credit-based academic framework.

### UG Course Structure Under NEP 2020

Year	Option	Qualification Awarded
After 1st Year	Exit	Certificate
After 2 <sup>nd</sup> Year	Exit	Diploma
After 3 <sup>rd</sup> Year	Exit/ Continue	Bachelor's degree
After 4 <sup>th</sup> Year	Completion	Bachelor's Degree with Research/ Honours

*Note:* Exit and re-entry are possible through the **Academic Bank of Credits (ABC)** system.

### Key Features of UG Programs under NEP 2020

- **Multidisciplinary Approach:** Students can choose major and minor subjects from different streams (e.g., Science + Humanities).
- **Skill Development:** Focus on vocational and skill-based education.
- **Choice-Based Credit System (CBCS):** Students earn credits which are stored digitally.
- **Academic Bank of Credits (ABC):** A digital repository to track and transfer earned credits.
- **Holistic and Multidimensional Learning:** Inclusion of internships, community engagement, value-based education and physical education.

### Admission Process

Through CUET conducted by NTA, New Delhi.

### Step-by-Step Admission Process

#### 1. Eligibility Criteria:

- Must have passed **Class 12<sup>th</sup> or equivalent** from a recognized board.
- Meet specific subject requirements for desired UG course.

## **2. Entrance Exams:**

- GDC Tral offers courses through CUET Score.
- Non- CUET &
- On- spot Admissions

## **Application:**

- Register through the official portal ([www.nta.ac.in](http://www.nta.ac.in))
- Fill the form accurately with personal, academic and course preferences.

## **3. Merit List/Entrance Score:**

- Admission is granted based on CUET score.

## **4. Counselling & Document Verification:**

- Attend counselling (if required), submit documents, and confirm seat.

## **Major Subjects**

Arabic Literature

Botany

Bio- Chemistry

Chemistry

Commerce

Computer Applications (BCA)

Education

Economics

English Literature

Geography

History

Information Technology

Kashmiri Literature

Mathematics

Physics

Persian

Punjabi

Political Science

Public Administration

Urdu

Zoology

### **Skill Courses**

Mushroom Science

Community Journalism

Disaster Management

Programming With C

Learning Skills of Afsana in Urdu

Internet Basics and HTML

Verternary Technology

Horticulture Technology

Agriculture Technology

## **Major -Minor Combination List** **NEP- 2020 (2025)**

Serial No.	Major	Minor
1.	Commerce with major in Accounting and Taxation (B. Com)	Management
2.	Arabic	Kashmiri Education Urdu Political Science
3.	Biochemistry	Information Technology Chemistry Botany Zoology
4.	Botany	Zoology Biochemistry Chemistry Information Technology
5.	Chemistry	Botany Zoology Computer Applications Functional English

		Biochemistry
6.	Computer Applications	Chemistry Geography Physics Mathematics
7.	Economics	Public Administration History Arabic Geography Functional English Urdu English Literature
8.	Education	Economics Geography Public Administration History Punjabi Urdu Kashmiri Literature English Literature
9.	English Literature	History Urdu Arabic Persian Punjabi
10.	Geography	Economics History Mathematics Education Political Science Public Administration
11.	History	Public Administration Urdu English Economics Functional English Punjabi Kashmiri English Literature Geography
12.	Information Technology	Chemistry Geography Mathematics

		Economics
13.	Kashmiri Literature	Urdu Persian Public Administration
14.	Mathematics / Applied Mathematics	Physics Computer Applications Chemistry Economics
15.	Persian Literature	Urdu Education Kashmiri Arabic
16.	Physics	Mathematics Computer Applications Chemistry Geography Zoology Botany
17.	Political Science	Geography History Persian Economics English Functional English Urdu Kashmiri Literature English Literature
18.	Public Administration	Geography Economics History Education Functional English Urdu Persian English Literature
19.	Punjabi Literature	Public Administration English History Functional English Information Technology
20.	Urdu Literature	Functional English English Public Administration Kashmiri Persian



		Economics Education Political Science
21.	Zoology	Botany Geography Computer Applications Chemistry Biochemistry

### ***Facilities Available:***

1. All Sports Facilities
2. Separate Girls Common Rest Room & Parks
3. GYM State of Art Gym
4. Separate Canteen Facility for Girls
5. Digital Classrooms
6. Highly Qualified & Dedicated Teaching Staff
7. Digital Library, Reading Room and Browsing Centre
8. Bus facility from Bus Stand Tral to College Campus
9. Short term Certificate Courses
10. High Quality Drinking Water facility
11. Separate Washrooms
12. Indoor Sports Hall
13. Anti- Sexual Harassment Cell
14. Students Greivance Redressal Cell
15. Mentorhsip
16. Carrer Counselling Cell
17. Cultural Activities
18. Facilitation Centre
19. MOU with reputed institutions like IIIM Jammu, IUST Awantipora and NIELLET
20. Subject Tours/ Picnic
21. Historical/ Archeological Tours
22. Geographical Tours
23. Visit to Industries, Organizations for interaction
24. NSS Units
25. NCC Unit (in pipeline)
26. Green Campus
27. Scholarships
28. First Aid/ Dispensary
29. Gazebo Huts for students
30. Parking Facility
31. Extra-Curricular Activities like Debates, Conferences & Seminars

## **Documents Required**

- 10<sup>th</sup> and 12<sup>th</sup> Mark Sheets and Certificates
- Transfer Certificate (TC)
- Migration Certificate (if from another board/state)
- Caste Certificate (for reserved categories)
- Income Certificate (for scholarships/fee waiver)
- Passport-size Photographs
- CUET/State Entrance Exam Scorecard
- Domicile Certificate (if applying under state quo

## **Scholarships and Financial Assistance**

Students admitted to government colleges may be eligible for:

- Central/State Government Scholarships
- Post-Matric Scholarships for SC/ST/OBC/Minorities
- NSP (National Scholarship Portal) schemes
- Merit-cum-Means Scholarships
- Fee Waiver Schemes for economically weaker students including orphans.

## **FACULTY COUNCIL**

### **BIOCHEMISTRY:**

1. Dr. Rayees ul Haq, HOD

### **BOTANY**

1. Dr. Rafiq Ahmad Wani, HOD
2. Prof. Wasseem Ahmad Shahri

### **CHEMISTRY**

1. Dr. Feroze Ahmad Rafiqi, HOD
2. Dr. Sajad Ahmad Bhat

### **COMMERCE**

1. Dr. Rouf Ahmad Mir, HOD
2. Prof. Umar Amin
3. Prof. Iqra Jan

### **ECONOMICS**

1. Prof. Showket Rashid Shah, HOD

### **EDUCATION**

1. Dr. Mehraj ud Din Sheikh, HOD

### **ENGLISH**

1. Dr. Shabir Hussain Mirza ,HOD
2. Dr. Ashiq Hussain Zargar
3. Dr. Hilal Ahmad Wani
4. Prof. Mohd Younis Bhat
5. Prof. Javid Ahmad Wani

### **ENVIRONMENT SCIENCE**

1. Dr. Fayaz Ahmad Malla, HOD

### **GEOGRAPHY**

1. Dr. Javaid Ahmad Tali, HOD

**COMPUTER SCIENCE /INFORMATION TECHNOLOGY**

1. Prof.Gazi Imtiyaz Ahmad, HOD

**PERSAIN**

1. Prof. Shabir Ahmad Bhat, HOD

**POLITICAL SCIENCE/PUBLIC ADMINISTRATION**

1. Dr. Mohammad Shafi Bhat, HOD

**PHYSICS**

1. Dr. Mohammad Rafiq Khan, HOD

**ZOOLOGY**

1. Prof. Fayaz Ahmad Shah, HOD

**VETERINARY TECHNOLOGY**

- 1.Dr. Suhail Ahmad Bhat

**HORTICULTURE Technology**

- 1.Dr. Insha Majid

**Agriculture TECHNOLOGY**

1. Dr. Shahida Nisar

**LIBRARIAN**

1. Ms. Yasmeen Wani

**PHYSICAL EDUCATION**

- 1.Dr. Mohd Owais Wani

**CORPORATE LIFE**

Staff Secretary

Joint Staff Secretary

College Advisory Committee

College Admission Committee

College Academic Affairs/Monitoring Committee

Accounts/Audit and Stock Verification Committee

College Development and Planning Committee

College Sports Board

Career Counselling & Placement cell

Canteen Committee

Anti-Ragging/College Discipline Committee

Debate, Seminar & Culture Activities Committee

UGC Committee/ DST Committee

Disaster Management Committee

Examination Committee

Education Tour and Excursion Committee

Extension Activities Committee

Healthcare Committee

**Grievance Redressal Committee**

- a) For Gazetted Staff
- b) For Non-Gazetted Staff
- c) For Students

Hospitality and Protocol Committee

Internal Quality Assurance Cell (IQAC)

Library Committee

Local Fund Committee

Publication Committee

Landscape Development Committee

College Purchase Committee

Printing and Stationary Committee

Research Activities Committee  
Scholarship and Financial Aid Committee  
Timetable Committee  
NSS Advisory Board  
Motor Vehicles Committee  
Green Club  
Red Ribbon Club  
Programme Officers

# Department of Botany

Year of Establishment: 2012

Staff Strength: 2

Head of the Department: **Dr. Mohd. Rafiq Wani**

## **Vision:**

The Department aims to develop human resource with competence in frontiers of plant sciences.

## **Mission:**

The Department is dedicated to cultivate human resource proficient in advanced fields of Plant Sciences by promoting a culture of scientific and intellectual exploration, underpinned by critical thinking, reasoning abilities, and discourse.

## **About the Department**

Department of Botany has been at the forefront of education in plant sciences since its inception. The Department offers undergraduate programs aimed at developing a robust understanding of both theoretical and practical dimensions of Botany. Over the years, the Department has nurtured numerous exceptional individuals who have excelled in diverse fields. Currently, the primary objective of the Department is to provide high-quality education while fostering an applied research approach among its students. Looking ahead, the Department plans to introduce additional specialized and skill-based courses that will align with contemporary market needs, thus equipping students to compete effectively with peers from prestigious institutions.





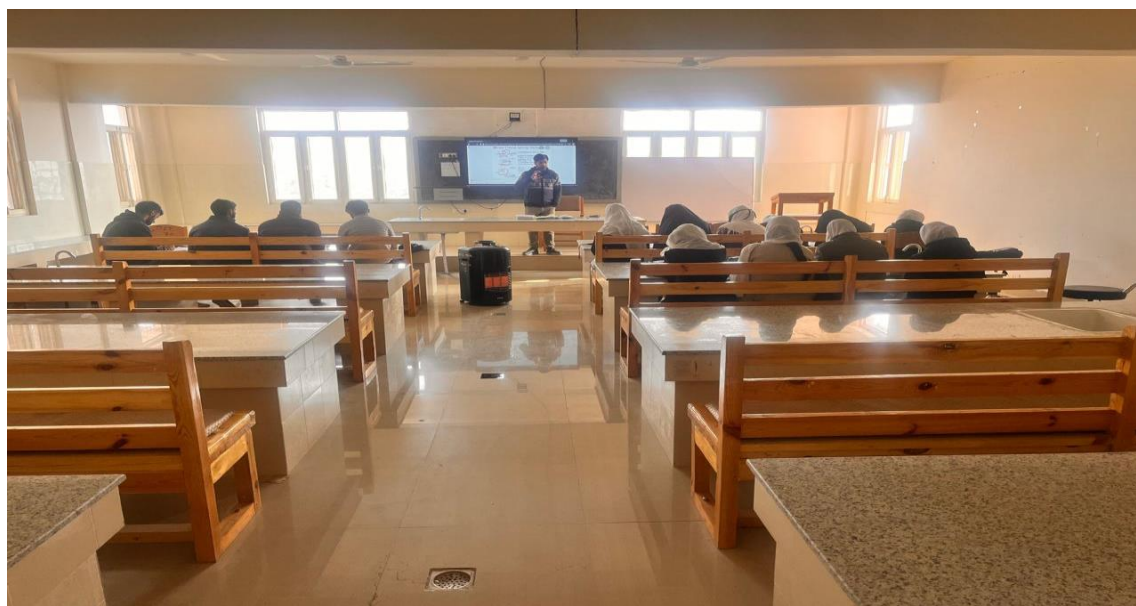
### Physical Facilities Available:

Over the years, the Department has consistently improved its infrastructure to bolster its educational and research endeavours. Few of them are listed below:

- (i) **General Laboratory/Museum:** The Department boasts a well-equipped laboratory specifically tailored for the practical aspects of the curriculum. This facility is organized to provide students with ample workspace, comfortable seating, and a continuous availability of glassware, chemicals, and equipment, thus fostering an exceptional learning environment. Furthermore, a spacious and diverse museum is housed within the Department, featuring an extensive collection of plant specimens preserved in formalin jars, showcasing their morphological, anatomical, and taxonomical characteristics. The museum also includes mould-models that illustrate the anatomical and ultra-structural details of plant organs, tissues, and macromolecules such as DNA etc. Sections dedicated to medicinal and ethnobotany further enhance the museum's appeal. The materials available in the museum serve as a valuable resource for students' practical observations and demonstrations.



- (ii) **Lecture Hall/Smart Classroom:** The Department has a spacious lecture hall/smart classroom equipped with advanced audio-visual technology, which is essential for providing high-quality education to the students.



- (iii) **HOD/Staff Room:** The Department has a designated space for the Head of the Department and faculty members to carry out academic and college committee works.
- (iv) **Lab Staff- Cum- Instrumentation Room:** The Department includes a dedicated space for laboratory staff which also accommodates instrumentation and equipment necessary for conducting experiments.
- (v) **Herbal Garden:** The Department currently maintains a *Herbal Garden* covering approximately 5,000 square feet area, which harbours a variety of medicinal and aromatic plant species.

**Permanent Teaching Faculty:**

S. No.	Name	Designation	Qualification
1.	Dr. Mohd. Rafiq Wani	Associate Professor & Head	M.Sc., Ph.D., B. Ed.
2.	Mr. Waseem Shahri	Assistant Professor	M.Sc., NET, M. Phil., B. Ed.

**Major Achievements of the Department during 2024-2025:**

- Organized one day symposium on “*Plant Wealth of J&K*” on April 25, 2024.
- Organized one-day “*Experiential-Cum-Training Tour*” to Integrated Mushroom Development Centre (IMDC), Department of Agriculture, Lal Mandi, Srinagar on September 21, 2024.
- Organized one day “*Botanical- Cum- Collection Trip*” to Aru valley, Pahalgam on October 18, 2024.
- Organized one-day “*Experiential-Cum Collection Tour*” to Jawhar Lal Nehru Memorial Botanical Garden, Chashma Shahi, Srinagar on February 25, 2025,
- Organized two-day “*Herbal Plantation Drive*” on March 5-6, 2025.
- Cultivated the first Mushroom Crop in the Department under controlled conditions from September-December, 2024.
- Established Herbal Garden in the college harbouring diverse collection of herbal and aromatic plants.





**Figures.** First mushroom crop cultivated in the Department of Botany under controlled conditions from September-December, 2024.

#### **Research papers published by the Department during 2024-2025:**

1. Wani, M. R. (2024). Comparative mutagenic analysis in  $M_1$  generation of mungbean (*Vigna radiata* (L.) Wilczek). *Journal of Tropical Agriculture*: 62(2): 265-271. (*Scopus Indexed*).
2. Wani, M. R. (2025). Genetic variability for seed yield and its related traits in  $M_3$  mutants of green gram (*Vigna radiata* (L.) Wilczek). *Journal of Tropical Agriculture*: 63(1): (In Press; *Scopus Indexed*).

#### **Courses Offered by the Department:**

The Department offers 3+1-year (6+2 semesters) B.Sc./Hons. programme with options for both major and minor specializations under NEP-2020.

**Intake capacity:** 80 students.

**Eligibility Criteria:** 12<sup>th</sup> Pass with science stream

**Teaching Pedagogy:** Class tests, Assignments, Projects, Seminars, Group discussions etc.

**Extracurricular Activities:** Study tours, Field trips, Guest lectures, Exhibitions, and seminars

**Programme (B.Sc.) Objectives:** The main objectives of bachelor's degree programme with Botany are:

1. To offer an extensive understanding of different facets concerning microbes and plants.
2. To provide insights into the most recent advancements in the domain of plant sciences through a hands-on methodology.
3. To cultivate a student who engages in independent and critical thinking, as well as discusses the different facets of plant life.
4. To equip graduates with necessary skills to successfully prepare for and pass the prestigious examinations pertaining to Botany and allied fields of Plant Sciences.
5. To provide students with the essential knowledge and skills required for a smooth transition into careers as employees or entrepreneurs in the field of Botany, thereby contributing effectively to national development and services.

**Course Structure (Brief Overview):**

S. No.	Semester	Course Title
1.	1 <sup>st</sup>	<i>Microbes &amp; Algae</i> Credits= 4+2= 6
2.	2 <sup>nd</sup>	<i>Mycology &amp; Plant Pathology</i> Credits= 4+2= 6
3.	3 <sup>rd</sup>	<i>Archegoniates: Bryophytes, Pteridophytes &amp; Gymnosperms</i> Credits= 4+2= 6
4.	4 <sup>th</sup>	<b>Plant Taxonomy (J/N)</b> Credits= 3+1= 4  <i>Plant Physiology (J)</i> Credits= 4+2= 6  <i>Plant Biochemistry (J)</i> Credits= 4+2= 6
5.	5 <sup>th</sup>	<i>Plant Morphology &amp; Anatomy (J/N)</i> Credits= 3+1= 4  <i>Cell Biology (J)</i> Credits= 4+2= 6  <i>Plant Molecular Biology (J)</i> Credits= 4+2= 6

6.	6 <sup>th</sup>	<p><i>Reproductive and Developmental Biology of Angiosperms (J/N)</i> Credits= 3+1= 4</p> <p><i>Genetics &amp; Cytogenetics (J)</i> Credits= 4+2= 6</p> <p><i>Plant Breeding (J)</i> Credits= 4+2= 6</p>
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**Dr. Mohd. Rafiq Wani**  
Associate Professor/HOD Botany



# DEPARTMENT OF COMPUTER APPLICATIONS AND INFORMATION TECHNOLOGY

**Year of Establishment: 2013**

## **Scope and Importance of the Department**

The Department of Computer Applications and Information Technology in Government Degree College Tral holds significant importance in shaping the region's academic, technological, and socio-economic development. As digital transformation continues to redefine the global and national landscape, the relevance of education in Computer Applications and Information Technology in Government Degree College Tral has grown considerably.

Curricula now include modern areas such as Artificial Intelligence, Data Science, and Cloud Computing alongside foundational subjects like programming, networks, and algorithms. A degree in Computer Science opens doors to jobs in both government and private sectors, including roles like software developers, data analysts, and IT support specialists. Students also pursue higher studies and research in universities like the University of Kashmir, Islamic University of Science and Technology (IUST) etc.

## **Programme Offered**

The Department of Computer Applications and Information Technology in Government Degree College Tral Offers undergraduate programmes in Computer Applications and Information Technology as major Subject and Applied Computing as minor subject. In addition, the department offers Skill enhance course, Multidisciplinary course and Value Added courses in first three semesters under NEP2020.

## **Program Overview, Eligibility Criteria and Course Structure**

Duration: 3 years (6 semesters)

Eligibility: 10+2 in any stream

Curriculum Highlights:

- Programming Languages (C, C++, Java, Python)
- Data Structures and Algorithms
- Database Management Systems (DBMS)
- Computer Networks
- Operating Systems
- Software Engineering
- Web Development
- Mobile Application Development
- Cryptography and Network Security
- Internet of Things

Objectives:

- Focus on application development, software tools, and practical programming skills.
- Prepares students for immediate entry into the software and IT industry.

## **Career Prospects:**

- Software Developer
- Web/Mobile App Developer
- Database Administrator
- System Analyst
- IT Support Specialist
- Entry-level roles in Data Science or Cybersecurity (with certifications)

## **Program Mission:**

To provide a strong foundation in computer applications and programming, enabling students to develop innovative, reliable, and efficient software solutions that meet industry standards and societal needs, while promoting ethical practices and continuous learning.

**Program Objectives:**

1. **Technical Proficiency:** Equip students with comprehensive knowledge of programming languages, software development, and computer applications.
2. **Practical Skills:** Encourage hands-on learning through projects, internships, and laboratory work to enhance problem-solving and technical skills.
3. **Professional Development:** Foster communication, teamwork, and leadership skills for professional growth in the IT industry.
4. **Ethical Computing:** Instill a sense of responsibility and ethics in software development and data handling.

**Faculty Information**

S. No	Name of the Faculty	Designation	Qualification	Specialization
01.	Mr. Gazi Imtiyaz Ahmad	Assistant Professor	MCA	Application Programming, Machine Learning
02.	Dr. Akash Ahmad Bhat	Lecturer (Academic Arrangement)	Ph.D	Web Designing Computer Hardware
03.	Mr. Mohammad Amin	Lecturer (Academic Arrangement)	MCA	IoT, Database
04.	Mr. Aashaq Hussain Shah	Lecturer (Academic Arrangement)	MCA	Networking Cyber Security

**Head**  
**Department of Computer Applications**

# Department of Commerce

## ❖ About the Department

Started	:	2011
Programme offered	:	UG (3+1) in Commerce (Accounting & Taxation)
Eligibility to take admission :		10 + 2
Intake of the Department	:	80

***“Building students to face challenges through focused quality education”***

The Commerce Department at Government Degree College Tral was established in the year 2011 with the vision of exploring new frontiers of knowledge and innovation in academics. The Department initiated its journey by offering bachelor's degree in commerce (B.Com) to the students. The Department aims at providing not only academic excellence but also value creation among the students. Presently, the Department has three dedicated faculty members who are highly qualified and experts in their respective fields which include Accounting, Finance, Stock Markets, HRM, Marketing, Corporate Affairs, Entrepreneurship, etc. Apart from academics, the faculty of the department has been assigned various other duties of the college.

The Department has the legitimate claim and pride of being part of a premier institution of the UT of Jammu and Kashmir for course curriculum development and teaching in Commerce discipline. The rapid growth of the Department of Commerce is reflected in its expansion as well as novelty in its academic programmes.

The enrolment of students in Commerce stream has been gradually increasing throughout the decade. Along with the strength in number, the Department has improved in various areas in delivering the quality education to the students through well-structured programme and strategies over the years. The Teaching andragogy of the department includes Lectures, Guest Lectures, Problem Solving, Group Discussions, Seminar Presentations, Case Study, Mini Research projects, Industrial visits, Inter-class competitions etc. In addition to the curricular activities, the faculty of the department consistently encourages the students to participate in sports, NSS, NCC and other co-curricular activities and extension works.

The Department strives to take the students beyond academics and offers innumerable exposures and opportunities to facilitate them to grow their self-confidence and self-esteem, so that they will be able to face all challenges of life successfully.

The entire world has become a small village with the network of communication technology. In such a fast changing and dynamic world, it is imperative that the present-day youth is prepared for innovation and creativity, leading to excellence in performance and good communicators in building human relationships and promoting potential markets and also learn the art of living. The department blends teaching with Information Communication Technology (ICT) to make teaching-learning process more effective. There is academic flexibility in vertical growth of student community to join MBA and M.Com Courses.

#### ❖ **Vision**

The Department intends to be one among the centres' of excellence in Accounting, Finance & Management Education in the country.

#### ❖ **Mission**

The Department provides exceptional education in accounting, finance and management, fostering ethical leadership, practical experience, and a culture of inclusivity. Our goal is to be recognized as a leading center of excellence in these fields, producing graduates who make a positive impact in their communities.

#### ❖ **Objectives of the Department**

1. Delivering a curriculum that provides students with a solid foundation in accounting, finance and management, while also developing critical thinking and problem-solving skills.
2. Fostering a culture of ethical leadership and social responsibility among students, faculty, and staff, by promoting values such as integrity, honesty, and respect.
3. Providing students with opportunities to engage with industry partners and gain practical experience through internships, research projects, and other experiential learning activities.
4. Continuously evaluating and improving the effectiveness of our programs, based on student feedback, industry trends, and research findings.

5. We aim to build a strong reputation for our department by promoting our achievements and successes to the wider community through engagement with alumni, industry partners, and other stakeholders, as well as developing strong partnerships with other institutions, organizations, and individuals who share our mission and values to enhance our impact and influence in the wider community.
6. Encouraging diversity and inclusivity within our department, by promoting equal opportunities for all students and staff, regardless of their background or identity.

#### ❖ **Best Practices**

The Department regularly conducts Assessment in the form of Assignments, Presentations, Group-Discussions, Case-Studies, Brain-Storming Sessions, Scientific-Reasoning Skill Exercises to build confidence and better understanding of the subject.

The Department is offering certificate course titled “Mastering Income Tax: Essentials and E-Filing of ITRs”.

#### ❖ **Programme Offered**

UG (3+1) in Commerce (Accounting & Taxation) Programme with intake capacity of 80 students.

- **UG (3+1) in Commerce (Accounting & Taxation)**

This programme at our college is designed to equip undergraduate students with a strong foundation in commerce, finance, and business management. This UG (3+1) degree programme blends academic rigor with practical application, preparing students for a wide range of career opportunities in the corporate, banking, financial services, and entrepreneurial sectors.

- **Programme Objectives**

- To provide a comprehensive understanding of core commerce subjects such as Accounting, Taxation, Auditing, Human Resources, and Management.
- To develop analytical and problem-solving skills relevant to the business world.
- To foster ethical business practices and a sense of social responsibility.
- To encourage entrepreneurial thinking and innovation.

- **Teaching and Learning Approach**



The programme employs a dynamic pedagogy that includes lectures, case studies, group discussions, presentations, internships, and industry interactions. We emphasize experiential learning to help students connect theoretical knowledge with real-world applications.

- **Programme Structure**

Semester	Major (Accounting & Taxation)	Minor (Management)
1 <sup>st</sup>	Fundamentals of Accounting	Principles and Practices of Management
2 <sup>nd</sup>	Partnership Accounting	Fundamentals of Marketing
3 <sup>rd</sup>	Income Tax Law & Practice – I	Business Organization
4 <sup>th</sup>	Higher Accounting	Behaviour in Organizations
	Income Tax Law & Practice – II	
	Company Law	
5 <sup>th</sup>	Corporate Accounting – I	Consumer Behaviour
	Income Tax Law & Practice – III	
	Auditing	
6 <sup>th</sup>	Corporate Accounting – II	Fundamentals of Human Resource Management
	Cost Accounting – I	
	Advanced Accounting	

- **Career Prospectus**

The programme UG (3+1) in Commerce (Accounting & Taxation) opens up a wide array of career pathways in both the public and private sectors. It lays a solid academic and professional foundation for students to pursue diverse roles in commerce, finance, business, and entrepreneurship. Graduates are equipped with the skills and knowledge to thrive in a competitive, fast-paced global economy.

**1. Employment Opportunities:** Commerce graduates are in high demand across various industries and functional areas, including:

- **Accounting and Auditing:** Roles in corporate accounting, internal/external auditing, cost accounting, and financial reporting.
- **Banking and Insurance:** Opportunities in public and private sector banks, insurance companies, NBFCs, and other financial institutions.
- **Finance and Investment:** Positions in financial analysis, equity research, portfolio management, investment banking, and mutual funds.
- **Business and Corporate Sector:** Administrative and managerial roles in sales, marketing, operations, and human resource management.

- **Government and Public Sector:** Competitive exams like UPSC, SSC, and state service commissions offer careers in administration, finance, and public policy.
- **Taxation and Compliance:** Careers as tax consultants, GST practitioners, and compliance officers.

**2. Higher Education and Professional Qualifications:** Commerce graduates can enhance their qualifications and career prospects by pursuing:

- **Postgraduate Studies:**
  - Master of Commerce (M.Com)
  - Master of Business Administration (MBA)
  - Postgraduate Diplomas in Finance, Marketing, or International Business
- **Professional Courses:**
  - Chartered Accountancy (CA)
  - Company Secretary (CS)
  - Cost and Management Accountancy (CMA)
  - Certified Management Accountant (CMA – USA)
  - Certified Public Accountant (CPA)
  - Chartered Financial Analyst (CFA)
  - Diploma in Banking & Finance

**3. Entrepreneurship:** The programme encourages entrepreneurial thinking and equips students with business planning and management skills. Graduates may start their own ventures or contribute to family-run businesses.

**4. Global Opportunities:** With globalization, Commerce graduates can explore international career opportunities, especially in finance, accounting, and business consultancy roles. Knowledge of global accounting standards and financial practices gives them a competitive edge.

#### ❖ Faculty Information

Name	Qualification	Designation	Specialization
<b>Dr. Rouf Ahmad Mir</b>	Ph.D, UGC-NET,	Asst. Professor &	Human Resources
	JK-SET, M.Com,	Head of Department	Management & Finance
<b>Prof. Umar Amin</b>	M.Com, UGC-	Asst. Professor	Accounting & Finance

NET, CAIIB, B.Ed			
<b>Prof. Iqra Jan</b>	M.Com, JK-SET	Asst. Professor	Accounting & Finance

❖ **Research Achievements**

- Awarded Research Project titled “Evaluating E-Service Quality on Government e-Marketplace (GEM): A User Perspective” by the Indian Council for Social Science Research, (ICSSR) New Delhi in 2023-24.

**Head  
Department of Commerce**

# Department of Bio- Chemistry

**Year of Establishment: 2018**

**Scope and Importance of the Department:** The Department plays a pivotal role in imparting foundational and advanced knowledge of biochemical principles to undergraduate students. Established as part of the college's broader science faculty, the department focuses on the molecular understanding of life processes, bridging the disciplines of biology and chemistry.

## **Programme Offered:**

The Department offers **undergraduate course** in biochemistry as part of **Bachelor of Science (B.Sc.) NEP program**. These courses are designed in accordance with the curriculum prescribed by the **University of Kashmir**, the college's affiliating university.

## **Programme Overview**

- Biomolecules and metabolic pathways
- Biology of cell
- Enzymology and enzyme kinetics
- Molecular biology and genetics
- Clinical bio chemistry and diagnostic techniques
- Biochemical techniques and instrumentation
- Immunology and Biology of microbes

## **Programmes Mission and Objectives**

The mission of the Biochemistry program is to provide students with a strong foundation in the chemical and molecular principles that govern biological systems. The program aims (objectives) to:

- **Promotes scientific excellence** through rigorous academic training in biochemistry, molecular biology, and related disciplines.
- **Foster critical thinking and research skills** by engaging students in laboratory experiments, data analysis, and problem-solving approaches.
- **Prepare graduates** for diverse careers in research, healthcare, biotechnology, education, and industry, or for advanced studies in medicine.
- **Encourage ethical scientific practices and lifelong learning** to contribute responsibly to science and society.

## **Eligibility Criteria**

The students should have passed 10+2 examination with minimum 55% marks in the Science stream from a recognized board, with Chemistry and Biology as one of the subjects.

## **Course Structure**

**Duration:** 3 to 4 years

First Year: Biomolecules (Structure and Function) and Biology of cell  
Second Year: Enzymology, Metabolism, and Immunology

Third Year: Molecular Biology and Biology of Microbes

## **Career Prospects/Opportunities**

- **Research and Development (R&D)** (Pharmaceutical Companies, Biotech Firms, Government Labs, and Academic Research)
- **Clinical and Health care Sector** (Clinical Biochemist, Medical Laboratory Technician and Forensic Science)
- **Industrial Sector** (Food and Beverage Industry, Cosmetics and Personal Care, and Environmental Biochemistry)
- **Higher Education and Teaching** (Lecturer/Professor, and Science Educator)

- **Allied Fields** (Bioinformatics, Patent Analyst/Scientific Writing, and Regulatory Affairs).
- **Government and Public Sector** (ICMR, DRDO, ISRO, FSSAI, and WHO)
- **Entrepreneurship** (Establish labs, consultancy, or biotech startup in diagnostics, and food testing, etc).

### Faculty Information

The department is staffed by qualified faculty members who are committed to quality teaching and student mentorship. Faculty often engage in academic development and training programs.

1. **Dr. Mohammad Raies Ul Haq** (PhD, Postdoctorate), Senior Assistant Professor  
Biochemistry and Head of the Department

Area of specialization: Immunology, Enzymology, Molecular Biology

2. **Dr. Asmat Farooq Bhat (PhD), Assistant Professor on academic arrangements**

Area of specialization: Plant Biochemistry, proteomics, Genomics, transcriptomics

### Unique Features or Highlights of the Program

- Interdisciplinary IN Nature
- Research-Focused Curriculum
- Strong Foundation for Advanced Studies
- Real-World Applications
- Emphasis on Problem-Solving and Analytical Skills
- Exposure to Cutting-Edge Technologies
- Ethical and Professional Development
- Diverse Career Pathways

Head  
Department of Bio- Chemistry

# **Department of Chemistry**

## **Government Degree College Tral**

**Department- Year of Establishment:** 2012

**Scope and Importance of the Department:** The Department of Chemistry anticipates to take the teaching of Chemistry with a multi-disciplinary perspective along with substantial disciplinary depth. The subject of chemistry is introduced at undergraduate level to develop necessary aptitude and skills among the learners to pursue careers in academia and industry (pharmaceutical, analytical, material, forensic etc). Throughout the course, the students develop ability to join further studies and aspire/dedicate their careers for research in different fields of chemical sciences.

**Programme Offered:** The department offers undergraduate program in field of Chemical sciences under NEP 2020. The course highlights the understanding of: Fundamentals of Chemistry and Chemical Analysis-I, II and III, Concepts in Analytical Chemistry, Selected Topics in Inorganic Chemistry, Stereochemistry and Reaction Mechanism In Organic Chemistry, Environmental & Green Chemistry, Selected topics in Physical Chemistry theory, Advanced Inorganic Chemistry, Biological Chemistry, and Advanced Concepts in Physical Chemistry.

**Program Overview:** The undergraduate program in chemistry is designed to provide a comprehensive understanding of basic and advanced concepts in the field of chemical sciences. The curriculum which spans through six semesters, gradually builds the basic understanding of the Chemical sciences through its core subjects like Inorganic chemistry, Organic chemistry and Physical Chemistry alongside specialized topics including chemistry for biological sciences, Green Chemistry, and analytical chemistry.

**Programme's Mission and Objectives:**

**Mission:**

The mission of this undergraduate Chemistry program is to provide students with a strong foundation in the field of Chemical sciences. It aims to foster analytical understanding of the subject with technical proficiency to run different instruments viz. solid phase extraction, Distillation Assembly, pH meter, conductometer, potentiometer, analytical balance, Melting point apparatus, UV-Visible spectrophotometer, and Temperature controlled water bath etc for practical knowledge of the subject.

**Objectives:**

- To introduce students to the basic concepts of inorganic chemistry, chemical bonding, acid-base chemistry, fundamental aspects of s-block elements, concepts of organic chemistry, electron displacements, stereochemistry, reactive intermediates, and knowledge of states of matter.
- To understand the chemistry of transition elements, chemistry of oxygen bearing compounds, understand the fundamentals of electrochemistry, different theories of kinetics, rates and mechanisms of chemical reactions.
- To understand new methods of separation and analyses, besides learning about reporting the data with accuracy and precision. The students will also learn about quantitative methods (gravimetry, titrimetry and column chromatography) and qualitative methods (paper and thin layer chromatography) of estimation.
- To understand the basics and theories of bonding for coordination complexes and a brief discussion on bioinorganic chemistry. To provide students with basic understanding of redox and nuclear chemistry and understand the chemistry of inner transition elements.
- To make students to learn the applied aspects of thermodynamics, basic concepts of phase equilibria and learn how to sketch and read the phase diagrams of one and two component systems, some basic Physico-chemical aspects of, solid-liquid, liquid-liquid and liquid-air interface and the qualitative and quantitative aspects of photochemistry
- To provide exposure of various biomolecules containing metal ions that comprises many important enzymes and proteins and fundamental understanding of organometallic compounds and pi-acid complexes, basic understanding of Molecular symmetry.
- To impart understanding of Chemistry in Environment and green chemistry principles and applications.
- To provide exposure of various biomolecules containing metal ions that comprise many important, structure of various biomolecules, working of ATP and providing us the energy on demand, the membrane transport and nerve conduction process.
- To impart knowledge to the students about molecular rearrangement reactions, general organic chemistry, heterocyclic chemistry, natural products, and medicinal chemistry.
- To introduce the concepts of fast reactions and kinetic investigations of fast reactions, understand the reason for need and role of solvent and solvent characteristics on the kinetics of solution phase reactions, enzyme kinetics, basic concepts of statistical thermodynamics and learn how to use of concepts for estimation of thermodynamic parameters of simple systems. To introduce the basic concepts of X-Ray crystallography and interpretation of the X-Ray diffractograms.

**Eligibility Criteria:** 10+2

**Course Structure (Brief Overview)**

Semester	Major/Minor	Major 2	Major 3	Skill	MD Course
1 <sup>st</sup>	Fundamentals of Chemistry and Chemical Analysis-I	--	--	--	--
2 <sup>nd</sup>	Fundamentals of Chemistry and Chemical Analysis-II	--	--	--	--
3 <sup>rd</sup>	Fundamentals of Chemistry and Chemical Analysis-III	--	--	--	
4 <sup>th</sup>	Concepts in Analytical Chemistry	Selected Topics in Inorganic Chemistry	Stereochemistry and Reaction Mechanism In Organic Chemistry	--	--
5 <sup>th</sup>	Environmental & Green Chemistry	Selected topics in Physical Chemistry	Advanced Inorganic Chemistry	--	--
6 <sup>th</sup>	Biological Chemistry	Selected Topics In Organic Chemistry	Advanced Concepts in Physical Chemistry	--	--

**Career Prospects/Opportunities:**

The undergraduate students are trained and equipped with the basic understanding of the subject both theory and practical. The undergraduates can extend their studies to university level for their masters followed by doctoral and post-doctoral program and can find a place in academia and industry viz. pharmaceutical, analytical, material, forensic etc.

**Faculty Information**

S. No.	Name	Designation	qualification	specialization
01	Dr. Feroze Ahmad Rafiqi	Assistant Professor and Head	Ph. D, NET	Physical Chemistry
02	Dr. Sajad Ahmad Bhat	Assistant Professor	Ph. D, NET, SET, Gold Medallist	Physical Chemistry
03	Dr. Mushtaq Ahmad Hurrah	Academic Arrangement	Ph. D.	Organic Chemistry

Dr.Feroz Ahmad Rafiqi

Head Department of Chemistry



## **Department of Persian**

Year of Establishment: 1988

### **Introduction**

Persian (Farsi) is a Classical Language of India ruled for more than 600 years. It (Farsi) is one of the western Iranian languages within the Indo Iranian branch of the Indo European language family. This language is spoken in Iran, Afghanistan, (Officially Known as Dari) and Tajikistan (officially known as Tajik (since the Soviet era) Uzbekistan and some other regions which historically were Persianate societies and considered as part of Greater Iran. There are 11 million native speakers of this language. Persian has three main forms, commonly known as Old Persian, Middle Persian and Modern Persian, which include Dari and Tajik. In the present day world Persian is the official language of Iran, Afghanistan and Tajikistan. Persian has also been the prestigious cultural language in other regions of western Asia, Central Asia and south Asia by the various empires based in the regions.

### **Kashmir as Iran I Sageer (Short Iran)**

The Kashmir has cultural traditions, religious atmosphere and Sufi traditions and religio-cultural values acquired from central Asia. Art and architecture resembles also the cultural exchanges between the people of the continent.

### **Programme/Course outcome (Prospectus)**

The Persian language and literature is being taught in various colleges of the Kashmir and limited number of students opt this as their subject for study resulting their easy absorption in government sector like School Education department, Higher Education Department, Tourism Department, Culture Departments like Cultural Academy, Archives, Archaeology and Museums, Research and Publications Department, translation centers, Media Centers etc. The students also get absorbed in various research establishments of the country because Persian has been the official language of India for centuries and Persian records are everywhere in the country preserved in manuscripts and Archival form. In addition to these government establishments, the Persian students also get adjusted in the Social Welfare department and other administrative Departments especially revenue because all the old land records are either in Persian language or in Urdu with majority of Persianate vocabulary. The students have bright futures in the public sector also because the language is spoken in countries like Iran, Uzbekistan, Tajikistan and Afghanistan with whom the country has good relations and does trade at high levels. The business perspective and avenues for the Persian students are high at their choice and interests.

### **Programme Offered**

B. A. and Honours in Persian

The College offers B. A., with Persian as a Major and Minor Subject. The B.A. programme is of three year duration consisting of six semesters however B.A. Honors is of 8 semesters

**Eligibility**

The students who have passed 10+2 in Arts, Science or Commerce are eligible to opt Persian as Major, Minor, multidisciplinary

**Course Intake Capacity**

80 seats

**Course Structure and Subject Outcome (Follow Link)**

<https://www.gdctril.ac.in/notices/40130.pdf>

**Core Values of Department of Persian**

Excellence

Learning

Collaboration

Integrity

Diversity

Inclusivity

**Vision**

The department is committed of being forerunner in the preservation and dissemination of Persian language and literature with particular focus on Kashmiri culture and Heritage

**Mission**

The mission of the department is to offer the students quality education in Persian language and literature to enable them to explore local, regional and global opportunities in the field of education, culture as well as various other spheres of economy.

**Faculty Profile**

Mr. Shabeer Ahmad Bhat

Assistant Professor

Mobile: 7006137754

Email: [Shabir192302@gmail.com](mailto:Shabir192302@gmail.com)

Book Publications 20

Research Articles 09

Teaching Experience 11 years

International Seminars attended 16

National Seminars attended 5

National Conferences attended 6

Orientation/Refresher Courses 4

Head  
Department of Persian

# **Department of History**

The department of History at GDC Tral was established in 1989, just one year after its establishment in 1988.

The scope and importance of the Department of History at GDC, Tral is broad and encompassing the understanding of the past from the Bing Bang to the present. It involves analysing and interpreting evidence to understand what happened and why. History covers all aspects of society like political Social cultural, economic, and technological events as well as the lives of ordinary people. It also examines the growth and the development of laws, ideas and institutions.

## **PROGRAMMES OFFERED**

The department of history is envisioned to offer history as a major subject(FYUGP) in History under NEP2020.

## **PROGRAMME OVERVIEW**

History as a major/minor is taught at UG level under NEP were by students having CGPA greater than 7.5 are directly enrolled for research programme. Besides that, very much care is taken to develop scientific temper and research inquisitiveness among the students. While teaching history at U.G level a lot of emphasis is laid on the scope of history as a subject to be opted for civil service examinations conducted by UPSC/JKPSC.

### **Faculty**

1.Professor Tahir Hussain Naikoo (Head)  
M.A, B.Ed., MPhil, SLET,NET  
Specialization: Modern India

2.Dr. Aarif Ahmad Najar  
M.A., B.Ed, NET, SET, Ph.D

## PROGRAMME MISSION AND OBJECTIVE

The department of history has a mission of teaching history to foster a deeper Understanding of the past, it's impact on the present, and its potential for shaping the future. The objectives of teaching history at UG level include developing critical thinking fostering empathy, and promoting deep sense for culture and nationalism. The department of history aims to empower its students to become informed, responsible and engaged citizens.

## ELGIBLITY CRITERIA

Students having passed 12th from JKBOSE/CBSE or any recognised institution from any stream are eligible to opt history as a major/minor subject at UG level.

## COURSE STRUCTURE

Our college offers history as a major subject under (FYUGP) scheme under the New Education Policy of 2020 spanning over four years with eight semesters. For further details, log on to college website at [www.gdctril.ac.in](http://www.gdctril.ac.in). or one can directly visit College Admission Cell between 10:00 a.m to 4:00 p.m on any working day.

### FYUGPCURRICULARFRAMEWORK FORTHISTORYASAMAJORFOR 202

SEMESTERS	COURSE CODE	COURSE TYPE	COURSE TITLE	CREDITS	
				THEORY	TUTORIAL
I	HST123J	CT1	HISTORY:HISTORYOFANCIENTINDIA	4	2
II	HST223J	CT1	HISTORY:HISTORYOFMEDIEVALINDIA	4	2
III	HST322J	CT1	HISTORY:HISTORYOFMODERNINDIA	4	2
IV	HST422J1	CT1	HISTORY:HISTORYOFANCIENTKASHMIR	3	1
	HST422J2	CT2	HISTORY:SOCIO-CULTURALHISTORYOFANCIENTINDIA	4	2
	HST422J3	CT3	HISTORY:ECONOMIC HISTORYOFANCIENTINDIA	4	2
V	HST522J1	CT1	HISTORY:HISTORYOFMEDIEVALKASHMIR	3	1
	HST522J2	CT2	HISTORY:SOCIO-CULTURALHISTORYOFMEDIEVALINDIA	4	2
	HST522J3	CT3	HISTORY:ECONOMIC HISTORYOFMEDIEVALINDIA	4	2
VI	HST622J1	CT1	HISTORY:HISTORYOF MODERNKASHMIR(1846-1947)	3	1
	HST622J2	CT2	HISTORY:INDIANNATIONALMOVEMENT	4	2

	HST622J3	CT3	<b>HISTORY:ECONOMYANDSOCIETYOFMODERNINDIA (1757-1947)</b>	4	2
<b>HONOURS</b>					
<b>VII</b>	HST722J1	CT1	<b>HISTORY:WORLDHISTORY-I</b>	3	1
	HST722J2	CT2	<b>HISTORY:HISTORIOGRAPHY</b>	4	2
	HST722J3	CT3	<b>HISTORY:SOURCESOFANCIENTINDIANHISTORY</b>	4	2
<b>VIII</b>	HST822J1	CT1	<b>HISTORY:WORLDHISTORY-II</b>	3	1
	HST822J2	CT2	<b>HISTORY:SOURCESOFMEDIEVALINDIANHISTORY</b>	4	2
	HST822J3	CT3	<b>HISTORY:SOURCESOFMODERNINDIANHISTORY</b>	4	2
<b>HONOURSWITHRESEARCH</b>					
<b>VII</b>	HST722J1	CT1	<b>HISTORY:WORLDHISTORY-I</b>	3	1
	HST722J2	CT2	<b>HISTORY:HISTORIOGRAPHY</b>	4	2
	HST722J3	CT3	<b>HISTORY:SOURCESOFANCIENTINDIANHISTORY</b>	4	2
<b>VIII</b>	HST822J1	CT1	<b>HISTORY:WORLDHISTORY-II</b>	3	1
	HST822J2	CT2	<b>HISTORY:SOURCESOFMEDIEVALINDIANHISTORY</b>	4	2
	HST822J3	CT3	<b>HISTORY:SOURCESOFMODERNINDIANHISTORY</b>	4	2

### Course Prospects/Opportunities

The students enrolled under NEP2020 (FYUGP) as a lot of choices to avail. The programme is quite flexible with multiple entry and exit points at different fixed stages.

Viz:

- A. A student can leave after successfully completing two semesters/one years with a certificate course
- B. A student can exit after two years with four semester completion and have diploma
- Degree
- C. Student can leave after completing six semesters with graduation Degree.
- D. After successfully completing (FYUGP) programme a student has a number of choices to opt for depending upon his calibre, capacity and (CGPA) score.

Besides completing graduation students can appear in civil service exam conducted by UPSC/JKPSC.

Professor Tahir Hussain Naikoo  
HOD HISTORY

# Department of Economics

<i>Name of the Department</i>	<i>Economics</i>
<i>Year of Establishment</i>	<i>1988</i>
<i>Staff Strength</i>	<i>02 (Permanent 01, Academic Arrangement 01)</i>
<i>Head of the Department</i>	<i>Mr. Showkat Rashid</i>

## ***Vision:***

Our vision is founded on inclusive development, wherein economic prosperity elevates every individual, and no voice is left unheard.

## ***Mission:***

Our Mission is to provide a platform wherein academics are blended with practical aspects so that real world economic challenges can be solved. A platform that cultivates critical thinking, analytical skills, promotes diversity and equity in teaching and Research.

## ***Scope and Importance of the Department:***

The Department of Economics was established in 1988. Since its inception the Department of Economics endeavors to impart specialized knowledge in the field of Economics to create a class of skilled professionals. The Department aims to acquaint students with problems of the economy and enable them to cope with professional competency. The dedicated and sincere faculty of the Department is devoted to enhance the capabilities and capacities of the students. The main objective of our Department is to impart quality education to its students from all sections of the society and to help in the process of economic development by supplying skilled human resource to various organizations at local and national level. The Department of Economics is a venue where ideas thrive, difficulties are approached with inquiry, and the concepts of economics are integrated into daily life. We investigate the human experience from the perspective of economics. We are dedicated to comprehend the urgent challenges of our era—poverty, inequality, sustainability, and growth and we try to identify and provide solutions. At Government Degree College Tral, we endeavor to cultivate critical thinkers and compassionate leaders capable of shaping a more promising future for our society.

***Program Offered: UG (3+1) Program in Economics (Intake 80)***

### ***Program Overview:***

The B.A.(Hons.) Economics Programme offers a strong foundation for the advanced concepts and theories in the field of Economics. It offers students a coherent framework for modelling and analyzing the behavior and relationships of households, businesses, and government entities. The curriculum provides students with the opportunity to select elective courses from a range of courses that are currently relevant, thereby giving students the flexibility to prepare for jobs in academics, planning and development, Banking, law, management, journalism, government, and various other professions.

### ***Program Mission and Objectives:***

- To provide instruction to students on fundamental principles of economic theory
- To provide students with the mathematical and statistical skills required to get a comprehensive understanding of the subject.
- Examine current economic challenges and topics that are affecting both the nation and the global community.
- Provide instruction to students on how to get original data and acquire knowledge of sampling methodologies.
- Teach students how to utilize statistical and econometric techniques to determine the soundness of economic ideas.
- Provide students with training in the techniques and principles of economic modelling for carrying out the research process.

***Eligibility Criteria:*** *Students having Passed 10+2 (Senior Secondary) from any stream (Arts, Commerce or Science) are generally eligible*

***Course Structure: An overview***

S.No.	Course Type	CT-1		CT-2		CT-3		Major Courses	Minor Courses	Total
Year	Semester	Course Name	Credits	Course Name	Credits	Course Name	Credits			
<b>1</b>	I	Introductory Microeconomics	(3+1=4)	-	-	-	-	<b>CT1</b>	<b>CT1</b>	-
	II	Introductory Macroeconomics	(3+1=4)	-	-	-	-	<b>CT1</b>	<b>CT1</b>	-
<b>2</b>	III	Monetary Economics	(4+2=6)	-	-	-	-	<b>CT1</b>	<b>CT1</b>	-
	IV	Economics of Development	(3+1=4)	Mathematics for Economics	(4+2=6)	History of Economic Thought	(4+2=6)	<b>CT1 to CT3</b>	<b>CT1</b>	<b>20</b>
<b>3</b>	V	International Trade	(3+1=4)	Microeconomics -I	(4+2=6)	Public Economics	(4+2=6)	<b>CT1 to CT3</b>	<b>CT1</b>	<b>20</b>
	VI	Indian Economy	(3+1=4)	Macroeconomics-I	(4+2=6)	Environmental Economics	(4+2=6)	<b>CT1 to CT3</b>	<b>CT1</b>	<b>20</b>
<b>4</b>	VII	Economics of Growth	(3+1=4)	Microeconomics -II	(4+2=6)	Statistical Methods for Economics	(4+2=6)	<b>CT1 to CT3</b>	<b>CT1</b>	<b>20</b>
	VIII (Hon's)	International Finance	(3+1=4)	Macroeconomics-II	(4+2=6)	Basic Econometrics	(4+2=6)	<b>CT1 to CT3</b>	<b>CT1</b>	<b>20</b>
	VIII (Research)	Applied Econometrics	(3+1=4)	<b>Research Project (12 Credits)</b>				<b>CT1</b>	<b>CT1</b>	<b>20</b>



### ***Career Prospects and Opportunities:***

After finishing this Programme, a student will possess the essential skills to comprehensively comprehend and systematically analyze all significant economic phenomena. A student will possess the ability to examine and evaluate government policies and laws, and effectively illustrate their importance. By understanding the mechanics of an economy and the decision-making processes of consumers, producers, and regulators, the student will acquire the essential abilities to recognize, analyze, and resolve problems in a rational and effective manner. The program offers fundamental elements of economic theory and the chance to acquire skills in processing and analyzing economic data using reliable statistical techniques, which are the prerequisites for Research, with the aim of reaching economically significant findings. Students who pursue a degree in Economics have access to a wide range of jobs both in the public and private sectors like Planning and Development Department, Banking and Financial Services, Corporate Sector, Insurance etc.

### ***Faculty Information:***

1. *Mr. Showkat Rashid -Assistant Professor*

*Qualification: M.A Economics UGC NET, Ph.D. Economics (Pursuing)*

2. *Dr. Rather Tajamul Islam- Lecturer*

*Qualification: M.A Economics, Ph.D.*

Mr. Showkat Rashid  
Head  
Department of Economics

# Department of Geography

**Year of Establishment:**2012

## **2. Scope and Importance of the Department:**

The Department of Geography at Government Degree College Tral provides a multidisciplinary academic platform that integrates physical and human geography with advanced geospatial technologies. With the evolution of GIS and Remote Sensing, the discipline has expanded its relevance to tackle pressing global issues such as climate change, natural disasters, urbanization, and sustainable development. The department aims to cultivate spatial thinking and analytical skills among students to address contemporary geographic challenges and contribute meaningfully to societal and environmental betterment.

## **3. Programme Offered: B.A. /B. Sc.**

### **4. Program Overview:**

This undergraduate geography program offers a comprehensive curriculum spanning six semesters. It covers essential physical and human geography concepts while integrating modern tools like Remote Sensing, GIS, and GPS. Students begin with foundational knowledge and advance through specialized courses such as Geomorphology, Economic Geography, and Urban Geography. Practical applications and analytical skills are emphasized, especially through fieldwork and lab-based training. Interdisciplinary courses like Disaster Management and Regional Planning broaden the academic experience, preparing students for careers in geospatial analysis, environmental management, urban planning, and beyond.

### **5. Programme's Mission and Objectives:**

#### **Mission:**

To provide a robust educational foundation in geography and geospatial technologies, promoting critical thinking, environmental awareness, and technical skills to solve real-world problems through academic and applied excellence.

#### **Objectives:**

- To deliver comprehensive knowledge in physical and human geographical domains
- To train students in spatial data analysis using Remote Sensing, GIS, and GPS

- To deepen understanding of environmental systems and disaster mitigation strategies
- To prepare students for careers in urban planning, environmental consultancy, and geospatial industries
- To foster research aptitude, field-based learning, and problem-solving abilities
- To build awareness of regional and global environmental challenges

## 6. Eligibility Criteria:

Candidates must have passed 10+2 (Higher Secondary School Examination) from a recognized board in any stream.

## 7. Course Structure (Brief Overview)

Semester	Major I	Major II	Major III	Skill-Based Course	Multidisciplinary (MD) Course
1st	Physical Geography	—	—	Fundamentals of Remote Sensing	Disaster Management
2nd	Human Geography	—	—	Geographic Information System	Disaster Management
3rd	Geographical Thought	—	—	Global Positioning System	Disaster Management
4th	Geomorphology	Fundamentals of Remote Sensing	Urban Geography	—	—
5th	Economic Geography	Glaciology	Hydrology and Oceanography	—	—
6th	Climatology	Fundamentals of GIS & GPS	Regional Planning & Sustainable Dev.	—	—

## 8. Career Prospects/Opportunities:

Graduates of the Geography program are equipped for a wide range of professional pathways. The program's multidisciplinary and technical orientation offers career opportunities in:

- Remote Sensing & GIS Analysis
- Urban and Regional Planning
- Disaster and Environmental Management
- Hydrology and Water Resource Assessment
- Land Use and Infrastructure Analysis
- Government Services and Civil Administration
- Research Institutions and NGOs
- Teaching and Academic Research

Typical roles include GIS Analyst, Remote Sensing Specialist, Environmental Consultant, Urban Planner, Disaster Risk Analyst, and Research Associate.

## 9. Faculty Information

S. No.	Name	Designation	Qualification	Specialization
01.	Dr. Javaid Ahmad Tali	Assistant Professor & Head	Ph.D, Post Doctorate	Urban Geography & Geo-informatics
02.	Dr. Hilal Ahmad Ganaie	Academic Arrangement	Ph.D.	Human Geography
03.	Dr. Ishfaq Farooq	Academic Arrangement	Ph.D.	Physical Geography

## 10. Unique Features / Highlights of the Program

- Integration of cutting-edge geospatial technologies into the curriculum
- Fieldwork and practical lab sessions to strengthen analytical skills
- Certificate course in GIS offered by the department
- Strong interdisciplinary focus including Disaster Management and Sustainable Development
- Qualified faculty with specialization in Urban, Human, and Physical Geography

**Dr. Javaid Ahmad Tali**

Head

Department of Geography  
Government Degree College Tral

# DEPARTMENT OF URDU

## DEPARTMENT PROFILE

The Department of Urdu at Government Degree College, Tral, Pulwama was established in 1988, the same year the college was founded. This marked a significant step in expanding higher education opportunities in the region. As part of an institution affiliated with the University of Kashmir, the department plays a vital role in promoting linguistic proficiency, critical thinking, and cultural awareness among students.

Urdu holds a unique cultural and historical significance in Jammu & Kashmir, serving as one of the official languages of the Union Territory. It plays a vital role in administration, education, and literary expression, helping preserve the region's rich heritage and promoting communal harmony. At the national level, Urdu contributes immensely to India's linguistic diversity and literary heritage, with a profound legacy in poetry, prose, journalism, and cinema. Institutions like the Department of Urdu at GDC Tral are essential in nurturing this language. By integrating traditional studies with contemporary relevance, the department empowers students with skills needed for a range of academic and professional careers, while also contributing to the intellectual and social development of the region.

### VISION:

To preserve and promote the Urdu language and literature while fostering critical thinking, cultural understanding, and academic excellence—empowering students to become socially responsible, linguistically proficient, and globally aware individuals.

### MISSION:

To provide quality education in Urdu language and literature through a balanced blend of tradition and modernity; to develop students' linguistic, analytical, and communication skills; and to promote research, cultural awareness, and ethical values that contribute to the academic and social development of the region.

### FUTURE PLANS

1. Introduce Postgraduate Courses: Launch M.A. Urdu to provide advanced learning and research opportunities for students in the region.
2. Promote Research and Publications: Encourage faculty and students to engage in research projects and publish scholarly articles and books in Urdu.
3. Organize Seminars and Workshops: Conduct regular national and regional seminars, literary festivals, and workshops to enhance academic and cultural engagement.
4. Digital Learning Integration: Develop e-content, online Urdu resources, and virtual lectures to modernize teaching methods and increase accessibility.
5. Collaborate with Academic Institutions: Build partnerships with universities, cultural academies, and literary organizations for knowledge exchange and academic enrichment.
6. Preserve Regional Urdu Heritage: Document and study the local contributions to Urdu literature and language, with a focus on Kashmiri-Urdu literary intersections.
7. Skill Development and Employability: Introduce certificate courses in translation, media writing, and communication skills to improve students' career prospects.

### PROGRAMMES OFFERED

- B.A. (Honours) Urdu Literature (Major & Minor)

- Skill Course in Urdu
- Multidisciplinary Course (MD)

## Eligibility Criteria

Applicants must have completed 10+2 (12th grade) from a recognized board/CBSE

**Intake Capacity: 160**

## COURSE STRUCTURE & OVERVIEW

The B.A. (Honours) Urdu Literature program aims to provide in-depth knowledge of classical and modern Urdu literature, language, criticism, and literary theory. The program encourages analytical thinking, literary appreciation, and creative expression through the Urdu medium.

- **B.A. (Honours) Urdu Literature (Major & Minor):** A comprehensive program covering classical and modern Urdu poetry, prose, fiction, drama, criticism, electronic & Print media and linguistics. It includes core literary studies, language training, and a final-year project. Minor options offer complementary Urdu literature subjects.
- **Skill Course in Urdu:** Focused on employability and creative expression, these courses include Urdu translation, media writing, creative writing, calligraphy, and digital Urdu computing.
- **Multidisciplinary (MD) Courses in Urdu:** Open to students of all streams, these courses introduce Urdu literature, culture, Sufism, cinema, and contemporary discourse to promote cultural and literary understanding across disciplines.

## PROGRAMME OUTCOMES

After the successful completion of the programme, students will be able to

- Demonstrate proficiency in Urdu language skills including reading, writing, speaking, and comprehension.
- Analyze and critically evaluate classical and modern Urdu literature across various genres.
- Apply linguistic knowledge and literary theories to interpret texts effectively.
- Develop strong communication and translation skills relevant to academic, professional, and media contexts.
- Engage with contemporary social, cultural, and ethical issues through the lens of Urdu literature.
- Conduct independent research and present findings in a scholarly manner.
- Appreciate and contribute to the preservation and promotion of Urdu language and cultural heritage.

## JOB OPPORTUNITIES

- **Teaching:** Urdu teacher in schools, colleges, and coaching centers.
- **Media & Journalism:** Reporter, editor, scriptwriter, anchor in Urdu media.
- **Translation:** Translator/interpreter in government, publishing, and corporate sectors.
- **Publishing:** Content writer, proofreader, editor for Urdu books, magazines, and websites.
- **Civil Services:** Competitive exams with Urdu as a subject (UPSC, State PSC).
- **Creative Fields:** Poet, writer, dramatist, or researcher in Urdu literature.
- **Digital & IT:** Urdu content creator, typist, or localization expert.

## STAFF PROFILE

**1. Prof. Faizan Ahmad Malik**

Designation: Assistant Professor

Teaching Experience: 08 years

Qualification: M.A, B.Ed., NET

Specialization: Non-fiction

**2: Dr. MohdShafi Dar**

Designation: Assistant Professor

Teaching Experience: 14 years

Qualification: M.A. M.Phil, Ph.D

Specialization: Urdu Fiction

**Head**

**Department of Urdu**

# **DEPARTMENT OF KASHMIRI LANGUAGE AND LITERATURE**

## **About the Department:**

The Department of Kashmiri at Government Degree College Tral, Pulwama, was established in 1988, the same year as the college itself, marking a significant step in expanding higher education opportunities in the region. As part of a college affiliated with the University of Kashmir, the Department of Kashmiri plays a dynamic role in fostering linguistic proficiency, critical thinking, and cultural awareness among students. The scope of the department extends beyond traditional language instruction, encompassing literature, communication skills, and interdisciplinary studies that prepare students for diverse academic and professional paths. English, as a global language, opens doors to higher education, research, civil services, media, and the corporate sector, making the department's offerings highly relevant in today's interconnected world. The department emphasizes both theoretical and practical aspects of language and literature, encouraging students to engage with contemporary issues, develop analytical skills, and appreciate multicultural perspectives. This holistic approach not only enhances employability but also contributes to the intellectual and social development of the region. By nurturing creativity, ethical values, and effective communication, the Department of Kashmiri at GDC Tral continues to be instrumental in shaping well-rounded graduates equipped to meet the challenges of a rapidly changing world.

## **VISION**

- ❖ To foster academic excellence by nurturing students into productive intellectual resources, and to establish the department as a centre of excellence in language and literary studies. The department aims to develop students' critical thinking, creativity, and ethical responsibility through the study of English language and literature, contributing to their personal growth and preparing them for diverse professional fields.

## **MISSION**

- To provide high-quality, student-centred education in English language and literature to undergraduate students each academic session.
- To boost students' confidence and communicative abilities, empowering them to compete at regional, national, and global levels.
- To promote cultural awareness, diversity, and ethical responsibility through innovative teaching, scholarship, and service.
- To offer intensive mentoring, skill-based courses (such as Translation Studies, Media Writing, and Soft Skills), and a dynamic academic environment through lectures, workshops, seminars, and interdisciplinary events.

## **FUTURE PLANS**

- Continuing to organize lectures, film screenings, workshops, seminars, symposia, and conferences on interdisciplinary themes to enrich the academic and cultural life of students.
- Maintaining a strong emphasis on mentoring and supporting students' holistic development both within and beyond the classroom.
- Further strengthening skill-based and professional courses to align with evolving industry and societal needs.
- Launching a Diploma Course in Spoken Kashmiri to enhance student's practical communication skills and employability.

## **PROGRAMMES OFFERED**

- ❖ B.A. (Honours) Kashmiri Literature
- ❖ Skill Course
- ❖ Multidisciplinary Course(MD)

## **Programme Overview**

The B.A. (Honors) Kashmiri Literature is a three- to four-year undergraduate program designed for students passionate about literature, language, and critical analysis. The curriculum offers a comprehensive exploration of English literature across historical periods and genres, including poetry,



prose, drama, and literary criticism. Students engage with canonical works from the medieval era to contemporary times, while also studying literary theory, linguistics, and cultural studies.

The program emphasizes the development of analytical thinking, effective communication, and creative writing skills. Elective courses and interdisciplinary modules allow students to tailor their studies to individual interests, such as Functional English, Communication skills, or English Language Teaching. In the final year, students may undertake research projects or dissertations, applying their knowledge to independent inquiry. Graduates are well-prepared for diverse careers in writing, teaching, journalism, publishing, and related fields, or for further academic pursuits.

### **Eligibility Criteria**

Applicants must have completed 10+2 (12th Grade) from a recognized board/CBSE.

Intake Capacity: 80

### **Course Structure and Overview**

The B.A. (Honors) Kashmiri Literature is a three- four year undergraduate program structured across eight semesters, offering an in-depth study of English literature, language, and critical theory. The curriculum covers a wide range of literary periods and genres, including Indian and European classical literature, British poetry and drama, American literature, and postcolonial texts. Core courses focus on literary analysis, post-colonial literatures, linguistics, and Translation studies, while electives allow students to explore areas like creative writing, communication skills, and cultural theory.

Skill enhancement modules—such as Art of Translations, Communication Skills creative writing, and business communication—are integrated to build practical competencies. The program also emphasizes research, with opportunities for independent projects or dissertations in the final year. This comprehensive structure equips students with analytical, communication, and research skills, preparing them for diverse careers in education, writing, publishing, and media, or for advanced academic pursuits.

### **Career Prospects and Opportunities**

Graduates of B.A. (Honors) Kashmiri Literature have access to a wide spectrum of career opportunities across creative, academic, and corporate sectors. Common career paths include teaching at schools or colleges, content writing, journalism, editing, and publishing. The program's emphasis on critical thinking, communication, and analytical skills makes Other options include translation, copywriting, technical writing, and roles in marketing or business environments where strong language skills are valued. Many graduates also pursue higher studies such as M.A and Ph.D.The versatility of the degree ensures that graduates can adapt to evolving job markets and excel in diverse professional settings, both in the public and private sectors. Graduates well-suited for roles in media, advertising, public relations, and corporate communications.

## **Programme Outcomes**

**After the culmination of the programme,the students are enable:**

- (1) To enhance the learners with an in-depth knowledge of Kashmiri language and literature.
- (2) To preserve the rich cultural heritage of the Kashmiri language and literature.
- (3) To develop the communication skills through LSRW skills and creative thinking of learners.
- (4) To prepare the students for lifelong learning.
- (5) To instil human values of literature in learners moulding them to be responsible citizens of society.
- (6) To inculcate positive human values through the study of Kashmiri literature.

- (7) To create awareness of our valuable and rich literary heritage.
- (8) To give an insight into the unity of mankind on an emotional level.
- (9) To develop the students' values of self-reliance and service.

## **Job opportunities**

After the culmination of the programme, they can avail their job opportunity in different fields of life such as education institutions, TV, Radio, Journalism, electronic media or print media and private education institutions as well.

## **Staff Profile**

### **2. Dr. Sami Ullah Rather**

**Designation:** Assistant Professor

Teaching Experience: 07 years

**Qualification:** PhD, Post Doctorate

**Specialization:** Kashmiri prose

### **2: Dr. Mushtaq Ahmad Kumar**

**Designation:** Assistant Professor

Teaching Experience: 07 years

**Qualification:** M.A. M. Phil, NET, JRF, PhD.

**Specialization:** Kashmiri Poetry

**Dr. Sami ullah Rather**  
**Head**  
**Department of Kashmiri**

## DEPARTMENT OF EDUCATION

The Department of Education of GDC Tral was established in 1988. Since its inception, the department has been dedicated to fostering academic excellence and promoting holistic education. Equipped with a competent and committed team of three faculty members, the department provides a robust academic foundation to students. It offers a wide array of courses, including major, minor, skill enhancement and multidisciplinary programs, catering to diverse academic interests and career aspirations. The department's courses are designed to align with contemporary educational needs and provide students with the knowledge and skills necessary for success to their fields. The department has an intake capacity of 80 students per semester, ensuring individual attention and effective learning. With its comprehensive curriculum and focus on quality education. The Department of Education continues to play a pivotal role in shaping the academic and professional trajectories of its students.

### VISION & MISSION

- To cultivate a transformative educational environment that fosters academic excellence, critical thinking and holistic development while promoting inclusivity, equity and quality education.
- To empower individuals to become compassionate educators, innovative leaders and socially responsible citizens who contribute to building a unbiased and sustainable society.

### PROGRAMMES OFFERED

- ❖ B.A. (Honours) EDUCATION
- ❖ Skill Course
- ❖ Multidisciplinary Course (MD)

### PROGRAMME OVERVIEW

The Department of Education at Government Degree College Tral offers an undergraduate programme in Education aimed at fostering academic excellence and professional competence. The department provides a comprehensive curriculum covering core and interdisciplinary areas, including:

- **Foundational Courses:** Educational Philosophy, Educational Sociology, Psychological Foundations of Education
- **Child and Inclusive Education:** Early Childhood Care & Education, Inclusive Education, Health Education
- **Pedagogical and Technological Skills:** Educational Technology, Education Technology & ICT, Teacher Education

- **Specialized Areas:** Guidance & Counselling, Educational Guidance & Counselling, Creativity & Education, Social Psychology
- **Contemporary and Historical Perspectives:** Indian Education in Historical Perspective, Issues and Trends in Indian Education, Gender Education, Value Education
- **Research and Administration:** Methodology of Research in Education, Measurement & Evaluation in Education, Educational Administration & Supervision.

## PROGRAMME OBJECTIVES

### Programme Objectives – Department of Education, GDC Tral

- To provide foundational knowledge of educational theories, practices, and principles.
- To develop critical thinking and analytical skills related to educational issues and challenges.
- To foster understanding of child development and inclusive education.
- To equip students with pedagogical and technological skills for effective teaching and learning.
- To prepare students for diverse careers in education, counselling, research, and administration.
- To promote values of equity, ethics, and social responsibility in the field of education

## CAREER PROSPECTS AND OPPORTUNITIES

The field of education offers a diverse range of career opportunities and continues to grow in both scope and importance, especially as the demand for quality education and skilled professionals increases in India and globally. Graduates of the Department of Education can pursue careers in teaching, counselling, educational administration, and curriculum development. They are also eligible for government jobs and competitive exams. Opportunities exist in NGOs, research organizations, and further studies like M.A., M.Ed., and Ph.D., preparing students for roles in both academic and professional fields.

## FACULTY PROFILE

Name Designation	with Specialisation	Contact Details
Dr. Mehraj ud Din Sheikh Head of Department	Educational Philosophy, Measurement & Evaluation Research Methodology, Special Education	Phone No. 9419061101 <a href="mailto:mehrajamu@gmail.com">mehrajamu@gmail.com</a>

Dr. Rehana Rasool Academic Arrangement	Educational Psychology, Guidance & Counselling, Environmental Education Educational Technology	Phone No. 7006281789
Dr. Irshad Ahmad Academic Arrangement	Social Psychology, Development of Education in India, ECCE	Phone No. 9906500198

**HOD**  
**Dr. Mehraj ud Din Sheikh**

# DEPARTMENT OF POLITICAL SCIENCE

**Year of Establishment: 1989**

## **Scope and Importance of the Department**

Political science is a broad discipline that studies power, politics, and governance. Its scope includes understanding the state, government, political systems, institutions, and the behavior of individuals within these systems. It also examines political ideologies, international relations, and public policy, drawing insights from other social sciences.

Here's a more detailed breakdown of the scope:

1. **The State and Government:** Political science explores the nature, origin, and development of the state, including its different forms and functions. It examines how governments are organized, how they make decisions, and how they interact with citizens.
2. **Political Systems and Institutions:** The field analyzes different types of political systems, such as democracy, dictatorship, and socialism. It also investigates the role of various political institutions, including political parties, elections, and the judiciary.
3. **Political Behavior:** Political science studies the behavior of individuals and groups within the political realm, including voting patterns, political participation, and the influence of public opinion.
4. **Political Ideologies:** It examines different political ideologies, such as liberalism, conservatism, and socialism, and their impact on politics and society.
5. **International Relations:** Political science explores the interactions between states, including diplomacy, international organizations, and conflict resolution.
6. **Public Policy and Governance:** It examines how governments develop and implement public policies, and it analyzes the effectiveness and impact of these policies.
7. **Other Social Sciences:** Political science often draws on insights from other social sciences, such as economics, sociology, psychology, and law, to understand the complexities of politics and society.
8. **Relevance in India:** In India, political science is particularly relevant due to the country's diverse political landscape, complex political systems, and ongoing social and political changes. Studying political science can help individuals understand and participate in the political processes that shape India's future.

## **Programme Offered**

The Department of political Science in Government Degree College Tral Offers undergraduate programmes in Political Science as Major. In addition, the department offers Skill enhance course, Multidisciplinary course under NEP 2020.

## **Program Overview, Eligibility Criteria and Course Structure**

Duration: 3 years (6 semesters)

Eligibility: 10+2 in any stream

## **Curriculum Highlights:**

- Political Theory and Philosophy
- Comparative Politics
- International Relations
- Peace and Conflict Resolution
- Indian political Thought
- Western Political Thought
- Indian Government and Politics
- State Politics
- Global Politics

**Objectives:**

Political science aims to understand and analyze political systems, institutions, and behavior, ultimately aiming to inform citizens and improve society. It seeks to develop critical thinking, analytical skills, and an understanding of various political processes and ideologies. Specifically, political science objectives include fostering informed citizenship, promoting peaceful societies, and providing knowledge about government and administration.

**Faculty Information.**

S. No	Name of the Faculty	Designation	Qualification	Specialization
01.	Dr. Nissar Ahmad Meer	Lecturer (Academic Arrangement	Ph.D	International Relations
02.	Dr. Shabir Ahmad	Lecturer (Academic Arrangement)	Ph.D	Indian Government and Politics

I/C

**HEAD**

# Department of English Language & Literature

The Department of English at Government Degree College (GDC) Tral, Pulwama, was established in 1988, the same year as the college itself, marking a significant step in expanding higher education opportunities in the region. As part of a college affiliated with the University of Kashmir, the Department of English plays a crucial role in fostering linguistic proficiency, critical thinking, and cultural awareness among students. The scope of the department extends beyond traditional language instruction, encompassing literature, communication skills, and interdisciplinary studies that prepare students for diverse academic and professional paths. English, as a global language, opens doors to higher education, research, civil services, media, and the corporate sector, making the department's offerings highly relevant in today's interconnected world. The department emphasizes both theoretical and practical aspects of language and literature, encouraging students to engage with contemporary issues, develop analytical skills, and appreciate multicultural perspectives. This holistic approach not only enhances employability but also contributes to the intellectual and social development of the region. By nurturing creativity, ethical values, and effective communication, the Department of English at GDC Tral continues to be instrumental in shaping well-rounded graduates equipped to meet the challenges of a rapidly changing world.

## VISION

- ❖ To foster academic excellence by nurturing students into productive intellectual resources, and to establish the department as a centre of excellence in language and literary studies. The department aims to develop students' critical thinking, creativity, and ethical responsibility through the study of English language and literature, contributing to their personal growth and preparing them for diverse professional fields.

## MISSION

- To provide high-quality, student-centred education in English language and literature to undergraduate students each academic session.
- To boost students' confidence and communicative abilities, empowering them to compete at regional, national, and global levels.
- To promote cultural awareness, diversity, and ethical responsibility through innovative teaching, scholarship, and service.
- To offer intensive mentoring, skill-based courses (such as Translation Studies, Media Writing, and Soft Skills), and a dynamic academic environment through lectures, workshops, seminars, and interdisciplinary events.

## FUTURE PLANS

- Continuing to organize lectures, film screenings, workshops, seminars, symposia, and conferences on interdisciplinary themes to enrich the academic and cultural life of students.
- Maintaining a strong emphasis on mentoring and supporting students' holistic development both within and beyond the classroom.
- Further strengthening skill-based and professional courses to align with evolving industry and societal needs.
- Launching a Diploma Course in Spoken English to enhance students' practical communication skills and employability.

## PROGRAMMES OFFERED

- ❖ B.A. (Honours) English Literature

### Programme Overview

The B.A. (Honours) English Literature is a three- to four-year undergraduate program designed for students passionate about literature, language, and critical analysis. The curriculum offers a comprehensive exploration of English literature across historical periods and genres, including poetry, prose, drama, and literary criticism. Students engage with canonical works from the medieval era to contemporary times, while also studying literary theory, linguistics, and cultural studies.

The program emphasizes the development of analytical thinking, effective communication, and creative writing skills. Elective courses and interdisciplinary modules allow students to tailor their studies to



individual interests, such as Functional English, Communication skills, or English Language Teaching. In the final year, students may undertake research projects or dissertations, applying their knowledge to independent inquiry. Graduates are well-prepared for diverse careers in writing, teaching, journalism, publishing, and related fields, or for further academic pursuits.

### Eligibility Criteria

Applicants must have completed 10+2 (12th grade) from a recognized board/university with a minimum of 50% aggregate marks.

### Course Structure and Overview

The B.A. (Honors) English Literature is a three- four year undergraduate program structured across eight semesters, offering an in-depth study of English literature, language, and critical theory. The curriculum covers a wide range of literary periods and genres, including Indian and European classical literature, British poetry and drama, American literature, and postcolonial texts. Core courses focus on literary analysis, post-colonial literatures, linguistics, and Translation studies, while electives allow students to explore areas like creative writing, communication skills, and cultural theory.

Skill enhancement modules—such as English language teaching, creative writing, and business communication—are integrated to build practical competencies. The program also emphasizes research, with opportunities for independent projects or dissertations in the final year. This comprehensive structure equips students with analytical, communication, and research skills, preparing them for diverse careers in education, writing, publishing, and media, or for advanced academic pursuits.

### FYUGPCURRICULARFRAMEWORKFORBACHELORSPROGRAMMEWITHENGLISHLITERATUREASMAJOR

SEMESTER	COURSE CODE	TYPE OF COURSE	TITLE OF COURSE	CREDITS	
				THEORY	TUTORIAL
I	ELR122J	CT-1	ENGLISH LITERATURE: ENGLISH LITERATURE - I	4	2
II	ELR222J	CT-1	ENGLISH LITERATURE: ENGLISH LITERATURE - II	4	2
III	ELR322J	CT-1	ENGLISH LITERATURE: BRITISH POETRY AND DRAMA (17TH-19TH CENTURY)	4	2
IV	ELR422J1	CT-1	ENGLISH LITERATURE: BRITISH LITERATURE (19TH CENTURY)	3	1
	ELR422J2	CT-2	ENGLISH LITERATURE: AMERICAN LITERATURE (19TH AND 20TH CENTURY)	4	2
	ELR422J3	CT-3	ENGLISH LITERATURE: LITERATURE OF THE INDIAN DIASPORA	4	2
V	ELR522J1	CT-1	ENGLISH LITERATURE: SHORT STORY ACROSS CULTURES	3	1
	ELR522J2	CT-2	ENGLISH LITERATURE: INDIAN WRITING IN ENGLISH	4	2
	ELR522J3	CT-3	ENGLISH LITERATURE: AFRO-AMERICAN LITERATURE	4	2
VI	ELR622J1	CT-1	ENGLISH LITERATURE: BRITISH LITERATURE (20 <sup>th</sup> CENTURY)	3	1
	ELR622J2	CT-2	ENGLISH LITERATURE: POSTCOLONIAL LITERATURES IN ENGLISH (AFRICAN & CARIBBEAN)	4	2
	ELR622J3	CT-3	ENGLISH LITERATURE: KASHMIRI LITERATURE IN TRANSLATION	4	2
FOR FYUG PHONOURS					
	ELR722J1	CT-1	ENGLISH LITERATURE: NON-FICTIONAL PROSE (17 <sup>th</sup> – 20 <sup>th</sup> CENTURY)	3	1

VII	ELR722J2	CT-2	ENGLISH LITERATURE: LITERARY CRITICISM AND THEORY-I	4	2
	ELR722J3	CT-3	ENGLISH LITERATURE: RESEARCH METHODOLOGY AND ACADEMIC WRITING	4	2
VIII	ELR822J1	CT-1	ENGLISH LITERATURE: WOMEN'S WRITING	3	1
	ELR822J2	CT-2	ENGLISH LITERATURE: LITERARY CRITICISM & THEORY-II	4	2
	ELR822J3	CT-3	ENGLISH LITERATURE: DALIT LITERATURE	4	2
FOR FYUG PHONOURS WITH RESEARCH					
VII	ELR722RJ1	CT-1	ENGLISH LITERATURE: NON-FICTIONAL PROSE (17 <sup>th</sup> – 20 <sup>th</sup> CENTURY)	3	1
	ELR722RJ4	CT-2	ENGLISH LITERATURE: LITERARY CRITICISM AND THEORY-I	4	2
	ELR722RJ5	CT-3	ENGLISH LITERATURE: RESEARCH METHODOLOGY AND ACADEMIC WRITING	4	2
VIII	ELR822RJ1	CT-1	ENGLISH LITERATURE: WOMEN'S WRITING	3	1
	ELR822P	PROJECT	ENGLISH LITERATURE: PROJECT WITH DISSERTATION	-	12

### Career Prospects and Opportunities

Graduates of B.A. (Honors) English Literature have access to a wide spectrum of career opportunities across creative, academic, and corporate sectors. Common career paths include teaching at schools or colleges, content writing, journalism, editing, and publishing. The program's emphasis on critical thinking, communication, and analytical skills makes graduates well-suited for roles in media, advertising, public relations, and corporate communications.

Other options include translation, copywriting, technical writing, and roles in marketing or business environments where strong language skills are valued. Many graduates also pursue higher studies such as M.A., Ph.D., or professional courses in fields like law, library science, or management to further expand their career prospects. The versatility of the degree ensures that graduates can adapt to evolving job markets and excel in diverse professional settings, both in the public and private sectors.

### Staff Profile

#### 3. Dr. Shabir Hussain Mirza

**Designation:** Sr. Assistant Professor

**Teaching Experience:** 20 years

**Qualification:** M.Phil. PhD

**Specialization:** Indian English Fiction, Postmodern American Fiction

#### 4. Mohd Younis Bhat

**Designation:** Assistant Professor

**Teaching Experience:** 15 years

**Qualification:** MA English B.EDNET, SET.

**Specialization:** Modern and Postmodern Indian poetry, Translation studies.

#### 5. Dr. Aashaq Hussain Zargar

**Designation:** Assistant Professor

**Teaching Experience:** 15 years

**Qualification:** M.A., PhD.

**Specialization:** Women and Theatre, Performance studies, Literature After 9/11.

#### 6. Dr. Hilal Ahmad Wani

**Designation:** Assistant Professor  
**Teaching Experience:** 15 years  
**Qualification:** M.Phil. PhD (English)  
**Specialization:** British Fiction

**7. Prof. Javaid Ahmad Wani**

**Designation:** Assistant Professor  
**Teaching Experience:** 10 years  
**Qualification:** M.A English, SET, B.ED.  
**Specialization:** Post-Colonial Literature & South Asian Diaspora.

**SD/  
Head Department of English  
Dr. Shabir Hussain Mirza**

# Department of Public Administration

**Year of Establishment: 2017**

## ➤ **Brief Introduction of Department**

The Department of public administration was established in 2017. Public administration is the most potential of the inputs that go in to the decision planning and development process of India. Proper execution and administration of the resources in the paramount, importance and need of the hour too. With recent policies and new challenges in socio – economic development the resources administration has added significance to meet liberal economic policies of the Govt. The department has the privilege of being a unique subject taught in only Degree College of Tral in whole Pulwama District.

The Department of public administration has been constantly striving to meet ever the over increasing man power need of the administration the education institution, business and other Sectors, through revamping syllabus. The department also has been made all our efforts to equip the students with the latest theoretical and practical inputs to shape them up as promising personalities and human resource personal.

## ➤ **Mission & Objectives**

- Bachelors Programme in Public Administration is designed to satisfy the needs of the individuals and students who have interests in various aspects of Public Administration.
- The students will learn and acquire knowledge in with western and Indian administrative thoughts, administrative theories, administrative thinkers and the working of the various public/government machinery.
- To pave a way for orientation for future research prospects.

## ➤ **Scope and Importance of the Department**

The field and scope of Public Administration is related to the all-round life of person. The process of administration is old as the organized life of man. In the ancient times, the function of the administration was limited to the maintained of law and order and the collection of revenue. But today there has been tremendous increase in the functions of Public Administration. In modern times, the public administration has become an internal part of social life. The wellbeing of the nation (society) is increasingly dependent on the efficiency of the Government means Public administration. The future of the Civilized Government and even the Civilization rests on the competence, efficiency and efficacy of the Public administration. In today's times, the scope of public administration is not just limited to any one state or one country but it is playing an important role in international level.

## ➤ **Relevance of the Programme**

- The Programme of Bachelors in Public Administration is offered to meet current demands of the civil service aspirants and to create awareness on the other public service aspects to the society.
- To create equity in education by providing opportunity to rural people for whom higher Education is unreachable.
- **Appropriateness of Programme to acquire specific skills and competence**
  - The Bachelors Degree programme in Public Administration has a lot of scope in the Civil Service Examinations. As outcomes of the programme, students may gain knowledge in the Indian, Personnel and Financial Administration aspects.

The student further acquire the knowledge of Principles of Management, Administrative Thinkers, Administrative Law and Environmental Administration which will help the students to become a good administrator.

➤ **Detail of Programmes / Courses offered**

<b>Sr. No</b>	<b>Programme level</b>	<b>Name of the programme/ Course</b>	<b>Duration</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Intake Capacity</b>
1.	U.G	B.A	3/4 Years	12 <sup>th</sup> Pass (Any Stream)	English	160

➤ **Program Overview**

B.A Public Administration is a two-year Bachelors Programme offered by the Department of Public Administration. The aim of B.A. (Public Administration) is to provide comprehensive knowledge to the learners on the nature and relationship of State, Society and Administration. It will develop the conceptual faculties of the learners on various administrative theories, postulates, models, processes, methods, instruments, techniques, etc.

➤ **Programme's mission and Objectives**

B.A. Public Administration is designed to satisfy the needs of the individuals and students who have interests in various aspects of Public Administration. The students will learn and acquire knowledge in with western and Indian administrative thoughts, administrative theories, administrative thinkers, and the working of the various public/government machinery. It pays away for orientation for future research prospects. Relevance of the Programme with HEI's Mission and Vision: The Programme is offered to meet current demands of the civil service aspirants and to create awareness on the other public service aspects to the society. This programme aims to creating equity in education by providing opportunity to rural people for whom higher Education in unreachable. Nature of prospective target group of Learners: Master of Arts (Public Administration) is meant for students who have completed a Degree Programme from recognized University. The course has been designed keeping in mind the individuals who are in public service and also the students who are interested in public administration and civil services

➤ **Course Structure (Brief Overview)**

<b>S. No</b>	<b>Semester</b>	<b>Course Title</b>
<b>1.</b>	<b>1st</b>	<b>Introduction to Public Administration</b>
		<b>Credits= 4+2= 6</b>
<b>2.</b>	<b>2nd</b>	<b>Administrative Thinkers</b>
		<b>Credits= 4+2=6</b>
<b>3.</b>	<b>3<sup>rd</sup> Smester</b>	<b>Development Administration</b>
		<b>Credits= 4+2= 6</b>
<b>4.</b>	<b>4<sup>th</sup> Semester</b>	<b>Comparative Public Administration (J1)</b>
		<b>Credits= 3+1= 4</b>
		<b>Governance &amp; Public policy (J2)</b>
		<b>Credits= 4+2= 6</b>
		<b>Modern Administrative Thinkers (J3)</b>
		<b>Credits= 4+2= 6</b>

5.	5 <sup>th</sup> Semester	<b>Urban Governance &amp; Smart Cities (J3)</b> <b>Credits= 4+2= 6</b> <b>Panchayati Raj in India (PADN)</b> <b>Credits= 3+1= 4</b> <b>Panchayati Raj in India (J1)</b> <b>Credits= 3+1= 4</b>
6.	6 <sup>th</sup> Semester	<b>Social Welfare Administration (J1)</b> <b>Credits= 3+1= 4</b> <b>Human Resource Management in the Public Sector (J2)</b> <b>Credits= 4+2= 6</b> <b>E- Governance in Developing Societies (J3)</b>  <b>Credits= 4+2= 6</b>

Public Administration is designed to satisfy the needs of the individuals and students who have interests in various aspects of Public Administration. The students will learn and acquire knowledge in with western and Indian administrative thoughts, administrative theories, administrative thinkers, and the working of the various public/government machinery. It pays away for orientation for future research prospects.

Public Administration aims to equip the learners with the understanding of the purpose of the undergraduate Programme and specifically of the discipline of Public Administration. The contents of the curriculum will help them in understanding, critically engaging, analysing and appreciating the societal and market relevance of the discipline of Public Administration. The Public Administration, framed as per the PO – (Programme Outcomes) Guidelines under NEP 2020 is a model for reference and the Higher Education Institutions conducting such academic programmes will have enough freedom in incorporating suitable modifications keeping in view the global, national and regional contexts and skill requirements for various employment sectors. **Career Prospects/Opportunities.**

#### ➤ Faculty Information

Faculty profile with name, qualification, designation, specialization

Sr. No	Name of Faculty	Designation	Qualification	Specialisation
1.	Dr. M. Shafie Bhat	Assistant Professor	M.A, M.Phil, Ph.,D, PDF, B.ed	Public Policy & Governance, Federalism, Rural Governance & Administrative Reforms

#### ➤ Major Achievements

- Organised One Day National Seminar on “ Unsung Heroes” sponsored by ICSSR, New Delhi, November 09, 2022
- Organised Two Day National Workshop on “Technical Terminology in Social Sciences”, sponsored by CSTT, Minsitry of Education, Department of Higher Education, March 4-5, 2024
- Edited a book “Unsung Heroes: Freedom Fighters” Financially sponsored by ICSSR, New Delhi, New Delhi: Bookbazooka Publishers, 2023
- Running a Certificate Course on “ Leadership & Governance”

➤ *Carrier Opportunities*

- Policy Analysts
- Public Relations Officer
- NGOs
- Human Resource Assistants
- Academia
- Research
- Policy Studies Research Institutes
- Think Tanks
- Civil Servivces

**Dr. M.Shafi Bhat**

**Head**

## 1. Department - Year of Establishment

The Department of Environmental Science at Government Degree College Tral was established in the year **2010** with the vision to impart quality education and foster environmental awareness among students and the community. Since its inception, the department has been committed to developing scientific temper, promoting sustainable practices, and addressing local and global environmental issues through teaching, research, and outreach activities.

## 2. Scope and Importance of the Department

The Department of Environmental Science at Government Degree College Tral plays a crucial role in addressing the growing environmental challenges of our time by fostering awareness, education, and scientific inquiry. With a focus on sustainability, conservation, and responsible resource management, the department equips students with the knowledge and skills needed to analyze and solve real-world environmental issues. Its interdisciplinary approach integrates natural and social sciences, making it highly relevant in the context of climate change, biodiversity loss, pollution, and sustainable development. The department not only contributes to academic excellence but also promotes active community engagement and environmental stewardship.

## 3. Programme Offered

- **Bachelor of Science (B.Sc.) in Environmental Science** (as a major/minor subject under NEP)

## 4. Program Overview

The Environmental Science undergraduate program at Government Degree College Tral offers a comprehensive and interdisciplinary curriculum designed to equip students with scientific knowledge, practical skills, and critical thinking necessary to understand and address environmental challenges. It integrates core subjects such as ecology, environmental chemistry, pollution control, natural resource management, and climate science, complemented by hands-on fieldwork, laboratory training, and project-based learning. Aligned with NEP 2020 and University of Kashmir guidelines, the program emphasizes sustainability, environmental ethics, and community engagement, preparing students for advanced studies, research, and diverse career opportunities in the environmental sector.

## 5. Programme's Mission and Objectives

### Mission

To impart quality education in Environmental Science that fosters critical thinking, scientific inquiry, and a deep understanding of ecological and environmental challenges, while promoting sustainable development, environmental stewardship, and community engagement at the regional and global level.

### Objectives

1. **To build a strong foundation** in core areas of environmental science, including ecology, pollution control, natural resource management, and environmental laws.
2. **To develop analytical, technical, and practical skills** in students for environmental monitoring, impact assessment, GIS, and laboratory investigations.
3. **To instill environmental ethics and responsibility** among students, encouraging them to act as informed citizens and environmental stewards.
4. **To promote interdisciplinary learning and research** addressing real-world environmental problems through projects, field studies, and outreach programs.
5. **To prepare students for careers** in environmental consultancy, governmental agencies, academia, NGOs, and industries dealing with sustainability and compliance.
6. **To encourage innovation and awareness** through seminars, workshops, environmental campaigns, and collaborations with civil society and scientific institutions.
7. **To align education with the Sustainable Development Goals (SDGs)** and national environmental policies, ensuring relevance in a rapidly changing environmental landscape.

## 6. Eligibility Criteria



Students who have successfully completed their **Higher Secondary (10+2)** examination with **science stream (Medical/Non-Medical)** are eligible for admission to the B.Sc. Environmental Science programme.

## 7. Course Structure (Brief Overview)

The curriculum follows the UGC and University of Kashmir guidelines under the NEP 2020 framework, and includes:

## B.Sc. Environmental Science – Course Structure (Semester-wise)

Semester	Course Code	Course Title
I	EVS124J	Environmental Science: Environment and Ecology
II	EVS224J	Environmental Science: Natural Resources and Biodiversity
III	EVS324J	Environmental Science: Environmental Chemistry
IV	EVS422J1	Environmental Science: Human and Environment
	EVS422J2	Environmental Science: Environmental Pollution
	EVS422J3	Environmental Science: Environmental Geoscience and Disaster Management
V	EVS522J1	Environmental Science: Environmental Laws and Policies
	EVS522J2	Environmental Science: Environmental Pollution Control and Management
	EVS522J3	Environmental Science: Aquatic Ecology
VI	EVS622J1	Environmental Science: Environmental Economics and Sustainable Development
	EVS622J2	Environmental Science: Atmospheric Science
	EVS622J3	Environmental Science: Terrestrial Ecology

## 8. Career Prospects/Opportunities

Graduates in Environmental Science are equipped with interdisciplinary knowledge and practical skills that open doors to a wide range of career opportunities in both public and private sectors. The growing global emphasis on environmental protection, climate resilience, and sustainable development has made environmental professionals highly sought-after.

### Government Sector

- **State Pollution Control Boards** (J&K SPCB and others)
- **Ministry of Environment, Forests and Climate Change (MoEFCC)**
- **Forest, Wildlife, and Ecology Departments**
- **Disaster Management Authorities**
- **Public Sector Units** (e.g., ONGC, NHPC, NTPC, SAIL) in environment and sustainability roles
- **Civil Services (IAS/IFS/JKAS)** with environmental specialization

### Private Sector

- **Environmental Consultancy Firms** (EIA, EMS, Waste Audit, Compliance)
- **Corporate Sustainability and ESG Teams**
- **Industries** (Cement, Chemical, Textile, Pharma, etc.) – Environmental Monitoring & Compliance
- **Renewable Energy Companies** (Solar, Wind, Biomass)
- **Waste Management & Recycling Enterprises**

### Academic & Research Institutions

- Pursue **Higher Education (M.Sc., M.Tech, Ph.D.)**
- **Teaching Careers** in colleges and universities
- **Research Fellowships** (UGC-NET/JRF, CSIR, DST, DBT, ICAR)

- **Project Assistants & Scientists** in national research organizations (NEERI, TERI, WII, BSI, etc.)

#### Non-Governmental Organizations (NGOs)

- Roles in **Environmental Advocacy, Awareness, Education, and Community-Based Resource Management**
- Positions such as **Program Officers, Project Coordinators, and Researchers**

#### Entrepreneurship

- Startups in **organic farming, eco-tourism, nature-based products, green technology, waste-to-wealth ventures, etc.**

#### Emerging Fields

- **Climate Change Adaptation and Resilience Planning**
- **Environmental Data Science & Remote Sensing (GIS)**
- **Carbon Footprinting and Auditing**
- **Environmental Journalism & Policy Analysis**

### 9. Faculty Information

Name	Qualification	Designation	Specialization
Dr. Fayaz Ahmad Malla	Ph.D., NET	Senior Assistant Professor, HoD	Environmental Pollution, Climate Change, Renewable Energy, Circular Economy

### 10. Unique Features or Highlights of the Program

- **Interdisciplinary Approach**  
The curriculum integrates science, policy, and management aspects of the environment, combining knowledge from biology, chemistry, geography, geology, and social sciences.
- **Field-Based Learning**  
Regular field visits to forests, wetlands, lakes, agricultural lands, and waste treatment sites provide hands-on experience and real-world context to theoretical knowledge.
- **Research and Project Work**  
Students are encouraged to undertake small-scale research projects, case studies, and surveys on local environmental issues, enhancing analytical and problem-solving skills.
- **Awareness and Outreach Activities**  
The department actively organizes Environment Weeks, Anti-Polythene Drives, Plantation Drives, Cleanliness Campaigns, Poster Competitions, and Eco-awareness programs in collaboration with **NSS and Eco Club**.
- **Multidisciplinary & Value-Added Courses**  
The program offers UGC-compliant value-added and multidisciplinary courses that promote environmental literacy across other disciplines.
- **Community Engagement**  
Active involvement of students in local environmental issues, such as waste management and biodiversity conservation, builds a strong community-science link.
- **Career Readiness**  
The department maintains guidance support for students pursuing **higher education, competitive exams (NET, GATE, IFS)**, and careers in environmental consultancy, NGOs, and public sector organizations.

Dr. Fayaz Ahmad Malla  
Head  
Department of Environmental Science



# Department of Zoology

**Year of Establishment: 2012**

**Scope and Importance:**

To meet the aspirations of the students of this region Teaching at Department of Zoology commenced since 2012. The mission of the Department is established to train the students desirous of learning, understanding, teaching and practicing various aspects of Life Sciences. Courses are designed to take care of both the classical and contemporary aspects of Zoology.

Students are engaged in learning about the functions and evolution of diverse biological systems as well as the methods by which biologists study nature, at all levels of our curriculum. Almost every course has weekly laboratories, taught by the high qualified experienced and full-time faculty members, where students learn to become biologists by making original observations, asking questions about life processes, and designing and testing hypotheses. Scientific communication skills are emphasized in all biology courses, as students read and evaluate research articles in scientific journals, write laboratory reports according to the standards of professional scientific writing, and participate in frequent opportunities for oral presentations and critical discussion.

Department of Zoology has a diverse museum and well established Lab. The faculty of the department solicits technical assistance and expertise from research Institutions like SKUAST Kashmir, Department of Agriculture and Apiculture Govt. of J&K.

**Programme Offered**

Honours in Zoology (Under NEP 2020)

**Programme Overview**

Bachelor of Science in Zoology (4 year Zoology Honours) is a professional full time degree programme which deals with animal biology. This course offers an amalgamation of understanding the animal world from outside as well as at the molecular level. The course essentially revolves around the comprehensive study of Animal Biodiversity, Physiology, Biochemistry, Cell and Molecular Biology, Genetics, Immunology, Gene Technology & Human Welfare, Ecology, Evolutionary & Developmental Biology, Chronobiology, Environment Management, Entomology, Ichthyology, Parasitology and Wildlife.

**Programmes Mission and Objectives**

**Mission**

- ❖ To create receptive mindset among the students of the department through field study, project work, study tour etc.
- ❖ By engaging students in various activities like community health services.

## Objective

- ❖ To impact research oriented learning process through seminars, journal publication, and by making them participate in various state level and national seminars

## Eligibility Criteria

Students must have passed 10+2 (with English, Physics, Chemistry, and Biology or Biotechnology) or equivalent.

## Course Structure

S.No	Semester	Course Code	Course Title	Credit Structure
1	1 <sup>st</sup> (First)	ZOL122J	Introduction to Systematics and Non-Chordates	4+2
2	2 <sup>nd</sup> (Second)	ZOL222J	Introduction to Chordates	4+2
3	3 <sup>rd</sup> (Third)	ZOL322J	Comparative anatomy of Vertebrates	4+2
4	4 <sup>th</sup> (Forth)	ZOL422J1	Comparative Physiology of Vertebrates	3+1
		ZOL422J2	Fundamentals of Immunology	4+2
		ZOL422J3	Fundamentals of Parasitology	4+2
5	5 <sup>th</sup> (Fifth)	ZOL522J1	Animal Ecology	3+1
		ZOL522J2	Cell and Molecular Biology	4+2
		ZOL522J3	Fundamentals of Entomology	4+2
6	6 <sup>th</sup> (Sixth)	ZOL622J1	Animal Behaviour	3+1
		ZOL622J2	Principles of Animal Genetics	4+2
		ZOL622J3	Fundamentals of Ichthyology	4+2
	7 <sup>th</sup> (Seventh)	ZOL722J1	Animal Development	3+1
		ZOL722J2	Bio-techniques and Biostatistics	4+2
		ZOL722J3	Fundamentals of Wildlife Biology	4+2

## Career Prospects:

- Assistant Professor/Research Scientist/10+2 Lecturer/One of the most favoured optional subjects in civil services.
- ZOO-Museum curator/Fisheries Inspector/ FCI Technical officer/Zoological Survey of India/ Career in NEET Coaching academies.
- Entrepreneurship in Beekeeping/Sericulture/Vermi-Composting/ Aquaculture/Fish Farming.

## Teaching Faculty

S.N O	Name of the Faculty	Designation	Qualification	Specialization	No. of Research papers	No. of book Chapters
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1	<b>Prof. Fayaz Ahmad Shah</b>	Assistant Professor/ Head of The Department	M.Sc. (CSIR NET JRF AIR-69), SET, M.Ed.	Entomology/ Microbiology	7	1
2	<b>Dr. Mohd Yaqoob Bhat</b>	Lecturer	M.Sc., Ph.D.	Entomology	20	1
3	<b>Dr. Zahoor Ahmad Mir</b>	Lecturer	M.Sc., Ph.D.	Ichthyology & Limnology	11	1

**Head  
Department of Zoology**

## **Department of Arabic**

### **About the Department**

The Department of Arabic was established in 1988. A number of eminent professors and language experts have so far rendered their valuable services to the department. From its very inception, the department has been committed to academic excellence characterized by its applied, practical and comprehensive teaching methodology with a view to develop all the four basic language skills among the students including reading, writing, listening and speaking.

**1. Department- Year of Establishment:** 1988.

### **2. Scope and Importance of the Department:**

The Arabic Department offers the chance to learn a language that is culturally historical and religiously significant. Studying Arabic develops strong language skills and opens career opportunities in teaching cultural awareness and academic research in Arabic literature and linguistics. Overall, the Department helps preserve the rich heritage of the Arabic language while preparing students for diverse professional and academic paths

### **3. Programme Offered:**

The department of Arabic offers a 3 year undergraduate programs that provides students with a solid foundation in Arabic literature and language.

### **4. Program Overview:**

The Department of Arabic offers a 3 year undergraduate program ( B.A) focusing on Arabic language literature .The course builds students proficiency in classical and modern Arabic, enhances translation skills and depends understanding of Arab heritage . it prepares students for careers in teaching , translation, media and further academic studies.

### **5. Programme's Mission and Objectives:**

- To provide quality education and produce competent and professional graduates who can contribute to society both by their deeds and words.
- To develop global proficiency in Modern Standard Arabic and enable our youth to meet the diverse academic & professional career in the respective domain.
- To familiarize the students with the Arabic Language and enrich their reading, writing and communicative skills
- To foster better understanding about the Arab World and paramount legacy of Arabic Literature
- To develop and promote department's relations with other interdisciplinary studies

### **Academic Exploration**

- Arabic studies often intersect with disciplines like:
- History
- Religious Studies
- Anthropology
- Political Science
- Comparative Literature

### **6. Eligibility Criteria:**

Candidates must have passed the higher secondary examination 10+2 or an equivalent examination recognized by the university of Kashmir, candidates

have to apply through the common university entry test (CUET). Admission is typically based on merit.

#### 7. Course Structure (Brief Overview):

Semester	Course Code	Title of Course	Credits	
			Theory	Tutorial
I <sup>st</sup>	ARL 122J	Arabic Literature:Elementary course in Arabid	4	2
II <sup>nd</sup>	ARL 222J	Arabic Literature: Essential Arabic	4	2
III <sup>rd</sup>	ARL 322J	Arabic Literature: Proficiency in Arabic	4	2
IV <sup>th</sup>	ARL422J1	Arabic Literature: Arabic Test and applied Grammar-I	3	1
	ARL422J2	Arabic Literature: Introduction to Contemporary Arab world	4	2
	ARL422J3	Arabic Literature: Modern Arabic Prose	4	2
V <sup>th</sup>	ARL 522J1	Arabic Test and applied Grammar-II	3	1
	ARL 522J2	Literature History of Arabic (Classical to Modern)	4	2
	ARL 522J3	Modern Arabic poetry.	4	2
VI <sup>th</sup>	ARL 622J1	Arabic syntax and Morphology	3	1
	ARL 622J2	Mahjari Arabic Literature	4	2
	ARL 622J3	Arabic Literature in India	4	2



## **8. Career prospects/opportunities**

1. Teaching in schools, colleges, and universities.
2. Translator or interpreter: in government offices, private companies, or with tourists
3. Govt jobs: including civil services and embassy roles
4. Jobs in Gulf countries like UAE, Saudi Arabia, and Qatar

## **9. Faculty Profile:**

Name: NusratJan

Designation: Assistant

Professor College: GDC Tral

Department:

Arabic Cell

No.:

9596410370

E.Mail: nusratjan205@gmail.com

Qualification: Masters in Arabic,

NET, SET. Specialization:

Translation

Awards: Gold Medal.

## **10. Any Unique Features:**

Graduate of B. A Arabic program can pursue various career paths, including teaching, translation and interpretation, media and journalism, tourism and cultural exchange.

# Department of Physics

Govt. Degree College Tral

## 1. Department – Year of Establishment

The Department of Physics was established in 2011-2012 with a rich legacy of academic excellence and research contributions in the field of physical sciences.

## 2. Scope and Importance of the Department

Physics is the foundation of modern science and technology. Our department provides a strong theoretical and experimental foundation in Classical Mechanics, Nuclear Physics, Electromagnetism, Thermodynamics, Astrophysics, and Mathematical Physics, preparing students for careers in research, industry, and academia.

## 3. Programme Offered

- One year Certificate Course
- Two year Diploma Course
- Three Year Degree Course (B.Sc. with Physics as Major/ Dual/ Minor)

## 4. Program Overview

Our programs are designed to:

- Provide a deep understanding of fundamental and advanced physics concepts.
- Enhance analytical, computational, and experimental skills.
- Encourage research through projects, seminars, and collaborations.

## 5. Programme's Mission and Objectives

### Mission:

To nurture scientific curiosity, innovation, and research excellence in Physics.

### Objectives:

- Develop strong conceptual and problem-solving skills.
- Train students in modern experimental and computational techniques.
- Prepare graduates for higher studies and diverse career opportunities.

## 6. Eligibility Criteria

- 10+2 with Physics as one of the subject (Minimum 45-50% marks).

## 7. Course Structure (Brief Overview)

### B.Sc. Physics (Major):

### Core Subjects:

- Classical Mechanics
- Mathematical Physics
- Electromagnetic Theory
- Thermodynamics & Statistical Physics
- Nuclear Physics
- Electronics
- Astrophysics

**- Lab/Practical Components:**

- Advanced Physics Lab
- Computational Physics Lab

## **8. Career Prospects/Opportunities**

Graduates can pursue careers in:

- Research & Development (ISRO, DRDO, BARC, TIFR)
- Higher Education (Ph.D., teaching)
- Industry (Semiconductor, Aerospace, Renewable Energy, Data Science)
- Government Sector (Scientist roles through UPSC, SSC)

## **9. Faculty Information**

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>
Dr. Rafiq Ahmad Khan	M.Sc., M. Phil. , PhD	Associate Professor (HOD)	Solid State Physics
Mr. Mudabir Ahmad Ganai	M.Sc (Physics), JKSET	Assistant Professor (awaiting adjustment)	Mathematical Physics
Mr. Mohammad Aqib Naik	M.Sc (Physics), JKSET	Assistant Professor (awaiting adjustment)	Computational Physics

## **10. Unique Features/Highlights**

- State-of-the-Art Labs: Well-equipped with modern instruments.
- Industry & Research Collaborations: Local Industries.
- Guest Lectures & Workshops: Regular sessions by renowned physicists.
- Competitive Exam Support: Special coaching for JAM
- Student Research Projects: Funding for innovative research ideas.

## **11. Contact Information:**

Head, Department of Physics  
GDC Tral

# Department of Veterinary Technology

## Year of Establishment

The Department of Veterinary Technology was established in 2024 at Government Degree College Tral, following the directives of Higher Education Department J&K after new National Educational Policy was notified in 2020.

## Scope and Importance of the Department

The Department of Veterinary Technology was introduced by the Higher Education Department of Jammu and Kashmir to emphasize skill development, entrepreneurship, and employment generation. This initiative aligns with the Government of India's vision to enhance vocational education and training in the field of veterinary sciences. Our department aims to equip students with practical skills and knowledge essential for the veterinary industry, thereby contributing to the overall development of the agricultural and livestock sectors.

## Courses Offered

### Skill Enhancement Courses:

The Department offers the following Skill Enhancement Courses, each worth 2+2 credits, during the first three semesters of the UG program:

1. Dairy Technology
2. Commercial Broiler Farming
3. Sheep and Goat Farming

### Certificate Courses

In addition to the main programs, we also offer the following certificate courses:

1. **Certificate Course in Biogas Plant Operation** (8 Weeks)
  - **Eligibility:** 12th Pass

## Overview

The programs are designed to provide students with hands-on experience and theoretical knowledge in various aspects of veterinary technology. Each course focuses on practical skills and scientific management practices to prepare students for successful careers in the veterinary and agricultural sectors.

## Mission and Objectives

**Mission:** To develop skilled professionals in veterinary technology who can contribute to sustainable agricultural practices and animal husbandry.

### Objectives:

- To impart comprehensive knowledge and skills in dairy technology, poultry management, and dairy farming and small ruminant farming.
- To foster entrepreneurship and employment opportunities in the veterinary sector.
- To promote sustainable practices in animal husbandry and livestock management.

## Eligibility Criteria

Candidates must have completed their higher secondary education (10+2) preferably with science background.

### Course Overview

The courses structure includes:

- **Dairy Technology:** Focus on milk composition, quality preservation, dairy operations, and product processing techniques.
- **Commercial Broiler Farming:** Emphasis on scientific management practices for higher production and profitability in poultry farming.
- **Sheep and Goat Farming:** Training in sustainable farming practices, technical know-how, and economic analysis of sheep and goat management.

### Career Prospects/Opportunities

Graduates from the Department of Veterinary Technology can pursue various career opportunities, including:

- Entrepreneur in dairy processing
- Poultry Farm Owner/Manager
- Livestock farming
- Entrepreneur in Animal Husbandry
- Biogas plant owner/operator

### Faculty Information

Our faculty comprises qualified professionals dedicated to providing quality education in veterinary technology.

Name	Qualification	Designation	Specialization
Dr. Suhail Ahmad Bhat	BVSc & AH MVSc PhD ICAR-ASRB NET	Assistant Professor	Veterinary Sciences and Animal Husbandry

### Unique Features or Highlights of the Program

- **Skill Enhancement Focus:** Courses designed to provide practical skills and knowledge directly applicable to the industry.
- **Entrepreneurship Development:** Emphasis on creating job opportunities and fostering entrepreneurship among students.
- **Hands-On Training:** Practical sessions and fieldwork to ensure students gain real-world experience in veterinary practices.
- **Supportive Learning Environment:** Access to experienced faculty and resources to guide students in their academic and professional journeys.

### Future Prospects

#### Certificate Course in Dairy Farming (10 weeks)

- **Eligibility:** Minimum 12th Grade Pass

#### Certificate Course in Dairy Farm Attendant (8 weeks)

- **Eligibility:** Minimum 12th Pass

# DEPARTMENT OF PUNJABI

**Year of Establishment: 2005**

## About the Department

The Department of Punjabi at the bachelor's level focuses on the study of the Punjabi language, literature and culture. The program typically covers areas such as Punjabi grammar, prose, poetry, drama, and modern literary trends. Students also explore the historical development of the language and its regional dialects. The department aims to promote linguistic skills, critical appreciation of literature, and cultural awareness among students. It also encourages research, creative writing, and preservation of Punjabi heritage. Graduates can pursue careers in teaching, journalism, translation, publishing, or further studies in language and literature.

## Vision

- Strives to become the standard of excellence in providing education by fostering creativity & intellect in student community.
- To lay emphasis on knowledge society, information society & learning society in emerging global trends with far reaching implication for the growth and development of the society.
- To become more aware to the needs of society and thus sharpen the skills with help of intuition, intellect, insight and innovation.
- To have positive attitude towards technology to improve the efficiency and effectiveness of the governance.

## Mission

- To provide high quality, affordable and accessible education to the students and maintaining a perfect balance between tradition and modernity.
- To enhance the strength of students through vocational programs and degrees in the state-of-the-art campus so that they become employable and fit for higher education.
- To empower women through need based futuristic courses with entrepreneurial skills.
- Learn to Serve" so that the learners are able to serve the society and nation as well.
- "To produce good citizens by incorporating problem solving, leadership, teamwork and ethical teaching pattern in our curriculum pedagogy.

## Courses Offered

B.A Punjabi

**Eligibility:** 10+2 Pass from any recognized Board

## Faculty Information

S. No	Name	Designation	Qualification
1.	Dr. Amarjeet Singh	Assistant Professor & Head	M.A, Ph.D