



DAYANANDA SAGAR  
UNIVERSITY



DECADES LEGACY  
IN EDUCATION & HEALTHCARE



# M.Pharm

Pioneering Excellence In  
Pharmaceutical Sciences

College of Pharmaceutical Sciences

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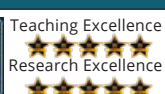
# A Place to Grow, Excel, Invent & Innovate!

Dayananda Sagar Institutions founded in the 60's by a visionary, Late Sri. R. Dayananda Sagar (Barrister-at-Law) committed to take knowledge to the people, transforms today's students into responsible citizens and professional leaders of tomorrow. Dayananda Sagar University created by an Act of the Karnataka State in 2014, built on this adorable legacy and inspired by its own milestones, meeting the needs of quality higher education in this part of the world.

This main campus is thoughtfully planned on 130 acres, with a picturesque site and a blossoming green environment, making it free from city crowds and pollution. Being a completely self-contained campus adjacent to Harohalli Kanakapura Road, Bengaluru South District., it is equipped with all the modern state-of-the-art infrastructure, creating a conducive environment for progressive experiential learning and transforming you into next-generation innovators, explorers, leaders, and researchers.



## University Accreditation and Rankings





# Great Legacy



**Late Shri R. Dayananda Sagar**



**Late Dr. Chandramma Dayananda Sagar**

The Founder President of Dayananda Sagar Institutions, Late Shri R. Dayananda Sagar and Late Dr. Chandramma Sagar had a great vision: Education for all sections of society.

They set up the Mahatma Gandhi Vidya Peetha Trust (MGVP), which started as a one-college campus and is today a multi-location destination to thousands of young men and women who walk into the Dayananda Sagar campuses in pursuit of a dream and march out as confident citizens, ready to absorb the challenges and opportunities of an exciting new world.

Dayananda Sagar Institutions played an important part in creating history by enabling easy access to good and quality education for all, winning the hearts of many, far and wide reflecting the legacy of Dayananda Sagar Institutions.

## The Leadership



**Dr. D. Hemachandra Sagar**  
Chancellor and Founder



**Dr. D. Premachandra Sagar**  
Pro Chancellor and Founder

They are thinkers, planners, and institution builders. By profession, they are medical doctors, enriched with insights gained from hands-on work experience, learning, and sharing through interaction. Accomplished and widely travelled, they bring with them worldly wisdom in all that they do.

## About College of Pharmaceutical Sciences

Dayananda Sagar College of Pharmacy was started in 1981 to cater to the needs of Pharmacy Education in India under Rajiv Gandhi University of Health Sciences, Karnataka. In 2015, the institution was renamed "College of Pharmaceutical Sciences" and merged as a branch of the School of Health Sciences, affiliated with Dayananda Sagar University.

The college is recognised by PCI, New Delhi, and the Government of Karnataka. It is also a recognised Scientific and Industrial Organization by DSIR, Govt of India. The COPS offers B. Pharm, M. Pharm, PharmD, and Ph.D. programs in Pharmaceutical Chemistry, Pharmacology, Pharmaceutics, Pharmacognosy, and Pharmaceutical Analysis.

The College has vibrant clusters of innovation ecosystems focused on drug discovery and development in collaboration with industrial partners and research organisations. It also has an excellent pharmacy practice department dedicated to improving the healthcare community in association with Sagar Hospitals and Dr Chandramma Dayananda Sagar Institute of Medical Education and Research.

Pharma education is special at DSU, with students and faculty working closely with the schools of Medicine, Bio-sciences, Dentistry, Nursing, the Sagar Hospitals and several other Centres of Excellence in the healthcare domain. The labs in each department are state-of-the-art, providing an excellent opportunity for interdependence, optimising resources and sharing people's expertise.

The School offers Doctoral Programmes (PhD) and Doctor of Pharmacy (Pharm D) and the regular Bachelor and Masters courses in Pharmaceutical Sciences. The faculty comprises well-laid-out classrooms, labs, and a distinguished group of academicians and industry professionals.

# Unique Advantages of the College of Pharmaceutical Sciences (COPS)

The College of Pharmaceutical Sciences (COPS) of Dayananda Sagar University is a premier institution in India offering B. Pharm, M. Pharm and Pharm. D, and Ph.D. programs.

**Research and Development:** The COPS has clusters of innovation ecosystems across various departments. Each department is integrated, interlinked, and focused on the multi-disciplinary approaches of drug discovery and development, therapies, and medical technologies.

**Cutting-edge Technology:** COPS has state-of-the-art technology and advanced R&D infrastructure and facilities to innovate, design new drugs, and optimise and develop them into high-quality, clinically useful pharmaceutical products.

**Expertise and Specialization:** Faculties at COPS are trained and educated globally. Our faculty group has a blend of postdocs, doctorates, and highly skilled industrial experts. We specialise in drug discovery, design, formulation and development of novel chemical entities or herbal drugs towards oncology, neurology, and infections. Our highly skilled experts are dedicated to advancing knowledge and treatments in these fields.

**Pedagogy and Curriculum:** Our students are educated and trained by providing pedagogical instructions. The curriculum synergises teaching efforts by organising conferences, workshops, and skill development programs.

**Collaboration and Partnerships:** COPS has many research activities collaborating with academic institutions, research organisations, and other pharmaceutical companies to leverage collective expertise, share resources, and accelerate drug development processes.

**Patient-Centric Approach:** COPS, in collaboration with CDSIMER and Sagar Hospitals, has many initiatives to understand patient needs and develop therapies that improve patient outcomes and quality of life. This involves patient engagement programs, personalised medicine approaches, or patient support initiatives.

**Sustainability and Social Responsibility:** COPS prioritise sustainable practices, ethical research, and environmental responsibility, aligning our R&D efforts with the broader goal of promoting public health and social well-being.

# M.Pharm

DSU College of Pharmaceutical Sciences offers students two specialisations from which to choose. They are:

Pharmaceutics

Pharmacology

Regulatory Affairs

**Duration:** 2 years 1 year Course work + 1 year Project work

## Eligibility

Pass in Bachelor's in Pharmacy (B. Pharm) with a minimum of 55% aggregate from a recognised Indian University – per Pharmacy Council of India regulations.

## M.Pharm in Pharmaceutics

Build a Global Career in Formulation Science, Drug Delivery & Product Development

### Programme Overview

The M.Pharm in Pharmaceutics at the College of Pharmaceutical Sciences, Dayananda Sagar University, is an industry- and research-driven postgraduate programme designed to develop highly skilled professionals in drug formulation, advanced drug delivery systems, and pharmaceutical product development.

The programme equips students with strong scientific, technical, and practical expertise required to translate drug molecules into safe, effective, stable, and patient-centric dosage forms aligned with global quality expectations.

With rapid growth in generic pharmaceuticals, complex formulations, novel drug delivery systems, and specialty products, pharmaceuticals professionals play a pivotal role across R&D, manufacturing, and innovation.

## Why This Programme Stands Out

Curriculum aligned with current pharmaceutical industry practices

Strong focus on formulation development, optimization, and scale-up

Hands-on exposure to preformulation, excipient compatibility & stability studies

Training in Quality by Design (QbD), GMP & formulation lifecycle management

Practical understanding of technology transfer & validation

Exposure to conventional, modified, and advanced drug delivery systems

Industry interaction through guest lectures, workshops & expert sessions

Dissertation and project work with industry and translational research focus

Learning ecosystem supported by DSU's advanced academic & research infrastructure

## Core Competency Areas

- Preformulation Studies & Drug-Excipient Compatibility
- Conventional Dosage Forms (Tablets, Capsules, Liquids, Semisolids)
- Modified & Controlled Release Drug Delivery Systems
- Advanced Drug Delivery Systems & NDDS
- Pharmaceutical Nanotechnology
- Biopharmaceutics & Pharmacokinetics
- Quality by Design (QbD) & Process Optimization
- Scale-up, Technology Transfer & Validation
- Stability Studies & Pharmaceutical Packaging
- Formulation Aspects of Regulatory Submissions

## Career Pathways & Job Roles

Graduates are prepared for high-growth roles such as: –

Formulation Scientist / Development Executive

Product Development Scientist

Research Associate – Pharmaceutics & NDDS

Technology Transfer & Scale-Up Executive

Manufacturing & Production Executive

Quality Assurance & Quality Control Scientist

Stability & CMC Support Scientist

R&D Scientist in Generics & Complex Products

Pharmaceutical Consultant

Academic & Research Professional (PhD pathway)



# Industry & Global Opportunities

Graduates can explore careers in: –

- Pharmaceutical & Biotechnology Companies
- Generic & Specialty Formulation Companies
- Contract Research & Manufacturing Organisations (CROs / CMOs)
- Drug Delivery & Nanotechnology Start-ups
- Research & Innovation Centres
- Academic & Government Research Institutions

Global employability across India, US, Europe, Middle East & emerging pharma markets.

## M.Pharm in Pharmacology

Build a Global Career in Drug Discovery, Preclinical Research & Translational Science

### Programme Overview

The M.Pharm in Pharmacology at the College of Pharmaceutical Sciences, Dayananda Sagar University, is a research- and industry-oriented postgraduate programme designed to develop highly skilled professionals in experimental pharmacology, preclinical drug evaluation, and translational research.

The programme equips students with strong expertise in mechanisms of drug action, safety pharmacology, toxicology, and efficacy assessment, forming a critical link between drug discovery and clinical development.

With increasing emphasis on evidence-based therapeutics, biologics, and novel targets, pharmacology professionals are in high demand across pharma R&D, CROs, and research organisations.

### Why This Programme Stands Out

Curriculum aligned with current drug discovery and preclinical research practices

Strong focus on experimental pharmacology & translational research

Hands-on training in in vitro and in vivo pharmacological models

Exposure to toxicology, safety pharmacology & preclinical evaluation

Integration of GLP, ethics, and regulatory aspects of animal research

Training in pharmacokinetics, pharmacodynamics & dose optimization

Industry interaction through guest lectures, workshops & expert sessions

Dissertation and project work with applied and industry-relevant research focus

Learning ecosystem supported by DSU's advanced research infrastructure

## Core Competency Areas

- Experimental Pharmacology & Disease Models
- Mechanisms of Drug Action & Receptor Pharmacology
- Pharmacokinetics & Pharmacodynamics (PK/PD)
- Preclinical Drug Evaluation & Lead Optimization
- Toxicology & Safety Pharmacology
- Screening of Synthetic & Natural Compounds
- Biostatistics & Research Methodology
- GLP, Ethics & Regulatory Aspects of Preclinical Studies
- Translational Pharmacology & Biomarker Research

## Career Pathways & Job Roles

Graduates are prepared for high-growth roles such as: –

Pharmacologist / Research Scientist

Preclinical Research Associate

Drug Discovery Scientist

Toxicology & Safety Pharmacology Associate

Clinical Pharmacology Support Scientist

Pharmacovigilance & Drug Safety Associate

CRO Research Scientist

Regulatory & Preclinical Documentation Associate

Academic & Research Professional (PhD pathway)

# Industry & Global Opportunities

Graduates can explore careers in: –

- Pharmaceutical & Biotechnology Companies
- Contract Research Organisations (CROs)
- Preclinical & Toxicology Research Laboratories
- Clinical Research & Pharmacovigilance Organisations
- Drug Discovery & Translational Research Centres
- Academic & Government Research Institutions

Global employability across India, US, Europe, Middle East & emerging pharma markets.

## M.Pharm in Regulatory Affairs

Build a Global Career at the Interface of Pharma, Compliance & Innovation

### Programme Overview

The M.Pharm in Regulatory Affairs at the College of Pharmaceutical Sciences, Dayananda Sagar University, is an industry-driven postgraduate programme designed to prepare highly employable professionals for the rapidly evolving global pharmaceutical regulatory landscape.

The programme equips students with practical expertise in regulatory strategy, submissions, compliance, and quality systems across drugs, biologics, medical devices, and clinical research.

With increasing regulatory complexity and global harmonisation, trained regulatory affairs professionals are among the most sought-after roles in pharma, biotech, CROs, and consulting firms.

### Why This Programme Stands Out

Curriculum aligned with current industry practices and global regulations (USFDA, EMA, CDSCO, ICH, WHO, MHRA)

Strong focus on job-ready skills: regulatory documentation, submissions, & lifecycle management

Practical exposure to CTD/eCTD dossier preparation and regulatory writing

Integrated training in GMP, GLP, GCP, QMS, audits, and compliance

Coverage of pharmacovigilance, risk management, and post-marketing surveillance

Industry interaction through guest lectures, workshops, and expert sessions

Dissertation and project work with industry relevance and applied research focus

Learning ecosystem supported by DSU's strong academic, research, & innovation infrastructure

## Core Competency Areas

- Global Pharmaceutical Regulatory Frameworks (India, US, EU & ROW)
- Regulatory Strategy in Drug Development & Commercialisation
- CTD / eCTD Submissions & Regulatory Writing
- Clinical Trial Regulations, Ethics & Compliance
- Quality Assurance, GMP & Regulatory Audits
- Pharmacovigilance, Signal Detection & Risk Management
- Regulations for Medical Devices, Biologics & Biosimilars

## Career Pathways & Job Roles

Graduates are prepared for high-growth roles such as: –

Regulatory Affairs Executive / Associate

Regulatory Submissions & Documentation Specialist

Drug Registration Officer

Regulatory Intelligence Analyst

Quality Assurance & Compliance Executive

Pharmacovigilance Associate

Clinical Research Regulatory Coordinator

Regulatory & Medical Writing Specialist

Regulatory Consultant (Pharma, Biotech & CROs)

Regulatory Policy Makers in Government

Regulatory Compliance Officer for Medical Devices & Cosmetics



# Industry & Global Opportunities

Graduates can explore careers in: –

- Pharmaceutical & Biotechnology Companies
- Contract Research Organisations (CROs)
- Regulatory Consulting & Advisory Firms
- Clinical Research & Pharmacovigilance Organisations
- Medical Device & Combination Product Companies
- National & International Regulatory Bodies

Global employability across India, US, Europe, Middle East & emerging pharma markets.



# Research Activities / Consultancy Projects

- Research Disciplines
  - Department of Pharmaceutics
  - Department of Pharmacology
  - Department of Pharmaceutical Chemistry
  - Department of Pharmacy Practice
  - Department of Pharmacognosy
  - Department of Pharmaceutical Analysis
- IPR-Patents, Designs and Copyrights
- Publications
- Books and Book chapters



## Partnerships and Collaborations

**DSU** – College of Pharmaceutical Sciences has partnered and collaborated with many Universities, Institutes and Research organizations

### National Institutes

- JSS University, Mysuru
- Sri Sri College of Ayurvedic Science and Research, Bengaluru
- MS Ramaiah University of Applied Sciences, Bengaluru

### International Institutes

- AIMST University, Malaysia
- Cyberjaya University, Malaysia
- Kathmandu University, Nepal





# Research Laboratories

- Arka Genomics, Bengaluru
- Invivo Bioscience, Bengaluru
- Bangalore Bioinnovation Center, Karnataka
- Institute for Drug Delivery and Biomedical Research (IDBR), Bengaluru
- Avenida Innovations, USA
- GOMTI Insinco, Bengaluru,
- Karnataka Drugs and Pharmaceuticals Manufacturing Association (KDPMA)
- Group Pharmaceuticals
- Invitro Research Solutions Pvt Ltd



## Career opportunities in Pharmacy

The career opportunities in pharmacy are vast and the scholars are placed well either in pharma industry/hospitals, MNCs or engaged in higher studies. Career opportunities for College of Pharmaceutical Sciences (COPS), DSU students are accelerated through the placement cell though campus recruitment.

The scholars experience regular orientation, training and skill development during the course time in the university.

Students pursuing bachelors in pharmacy can foresee a promising career fostering lucrative jobs in pharmaceutical drug manufacturing and in hospital as well as in central Govt. services – pharmaceutical manufacturing, production, quality test, analytical, pharmacovigilance, drug inspector, registered pharmacist, medical writing and coding, data analysts, medical representative, stockist for drugs and cosmetics, and as drug technician etc.

Scholars completing masters in pharmacy can wish to acquire careers mentioned above and in addition, such as clinical research associate, discovery scientist, formulation scientist, quality control specialist and quality assurance manager, QC manager, medical devices and quality control including research associate, and as faculty in universities post Ph.D. attainment.

Students who have completed 6 years Doctor of pharmacy Programme can pursue their career in hospital and community pharmacy, as clinical pharmacist, clinical data analyst, research associate, pharmacovigilance, pathological lab assistant, drug review associate, and medical writing and data mining in MNC company supporting health care and services.

Scholars who have completed their PG can enroll for full and part time Ph.D. programs specializing to the area of their interest either in DSU, or in other universities of India and in foreign universities.



## Internships

CoPS at DSU provides B.Pharm students with extensive internship opportunities at reputed pharmaceutical companies, hospitals, and research organizations. These internships offer hands-on exposure to drug formulation, quality control, clinical research, and regulatory affairs helping students bridge the gap between academic learning and industry practice.

1 year Course work + 1 year Project work

## Placements

The exemplary record in placements of DSU is the reflection of academic excellence. It is a preferred destination for a large number of global recruiters.

The quality of education and experience is proved by our students on campus placement records. Each of our programs are well designed to impart a both balanced academic education and practical knowledge, which makes the students industry ready.

The placement frame at DSU has always been extremely positive.

Our students are placed in various pharmaceutical companies such as

- Novo Nordisk
- Himalaya
- Novartis
- Strides
- Anthem Biosciences
- Eli Lilly
- Mylan
- IQVIA
- Omega Health Care
- Biocon
- OG Health Care
- Fortrea
- Jubilant Biosys
- GlaxoSmithKline
- Viatris
- Torrent Pharma
- Adcock Ingram
- Randstad

## Facilities for M.Pharm

There is a dedicated Pharmacy Practice Department working in close association with Dr. Chandramma Dayananda Sagar Institute of Medical Education & Research (CDSIMER). This association with a Tertiary care Teaching and Research Hospital allows PharmD students to enhance their clinical exposure that would aid them in promoting pharmaceutical care services and better patient care.

### Highly Qualified, Globally Trained Faculty

- The faculty includes a mix of PhDs, postdocs, and clinical experts.
- This ensures students are mentored by a team of faculty having expertise in academic research with translational potential from lab to clinical application

### Clinical Training & Hospital Affiliations

In addition to CDSIMER. Clinical training is also provided to students at NIMHANS, Jayadeva Institute of Cardiovascular Sciences and Research, HCG Cancer Center and Sri Shankara Cancer Foundation. This association offers students hands-on experience in real, accredited healthcare facilities.

### Interdisciplinary Learning Environment

School of Health Sciences at DSU aids in team-work with other disciplines that includes nursing, physiotherapy and allied health sciences thereby fostering multidisciplinary health-care ecosystem.

### Academic Facilities

- Well laid-out classrooms, Modern labs, and dedicated infrastructure for to work with other specialities of Pharmaceutical Research
- Digital library with e-resources and drug information center equipped "MICROMEDEX" software

### Placement & Training Support

- Centralized placement Cell and training through DSU's
- Centre of Innovation and Leadership (CIL).
- Clinical exposure via visits training/workshops, symposia and seminars from renowned faculty both India and abroad.

## **Campus Life & Wellness**

- Hostel accommodation for both boys and girls.
- Sports facilities: tennis courts, basketball, gym, etc.
- Seminar halls, auditoriums, and student activity support (conferences, workshops)

## **Community & Social Engagement**

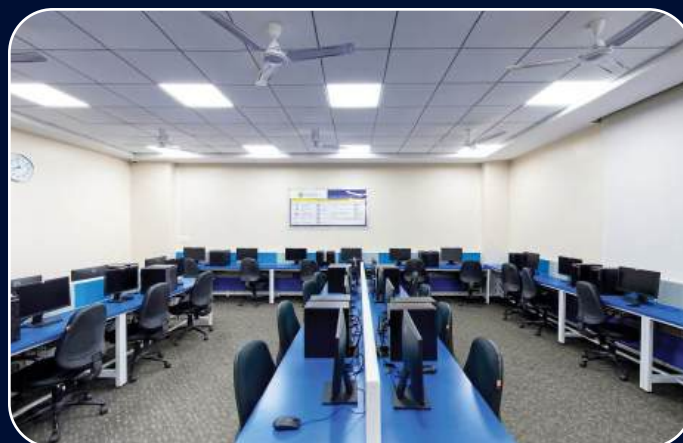
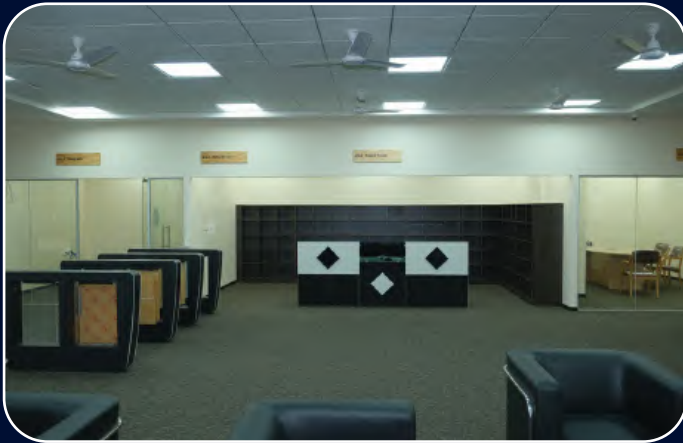
- DSU organizes activities in association with Pharmacovigilance Programme of India (PvPI) and PCI.
- Health-awareness activities which includes World TB Day, World Aids Day, World Health Day, Breast Cancer Awareness is organised with active participation by faculty and students.
- Extension and outreach programs such as Health awareness camps, ADR awareness medication awareness in rural settings is also conducted, that would help students to develop themselves as socially responsible healthcare professionals.

## **Labs**

- Zetasizer
- HPLC, RT PCR
- UV-Visible Spectrophotometer
- Refrigerated Incubator Shaker
- Ultra-Cool Centrifuge
- Walk in Cold Chamber
- Semiauto analyzer
- FTIR
- Electroconvulsimeter
- Power Labs
- Dissolution Apparatus
- Spectrofluorimeter
- Gas Chromatography
- Ice Flaker
- Muffle furnace



# Infrastructure and Facilities





# Sports Facilities





# Library



## About Library

The Library, established alongside DSI and expanded with Dayananda Sagar Institutions (1969), Dayananda Sagar College of Engineering (1979), and Dayananda Sagar University (2014), was envisioned by the founder, Late Sri R. Dayananda Sagar, as a world-class knowledge hub. Built systematically, it accommodates 560 users and houses an extensive collection of books, CDs, DVDs, periodicals, and digital resources. Serving undergraduates, postgraduates, research scholars, and faculty, the Library reflects the University's academic excellence and is managed by a team of skilled and dedicated professionals.

## College of Pharmacy Collections

Titles	1703
Volumes	8284
Bound Volumes	69
Book CD's	11
Educational Video's	13
National & International Print Journals	12
E-Books	301



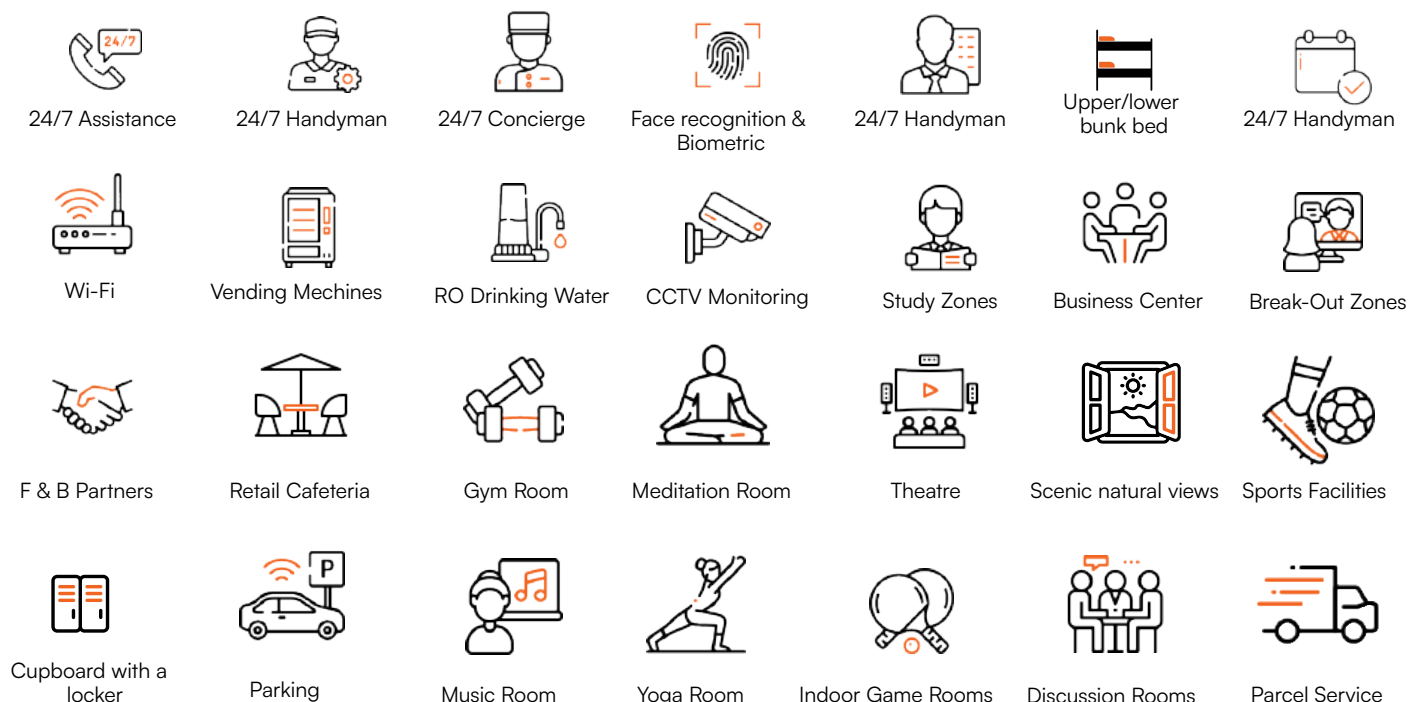
# DSU Main Campus Hostel



## About Hostel

Our hostel, located within the heart of the DSU main campus, offers a perfect blend of comfort, safety, and convenience. Designed to meet the needs of today's students, our state-of-the-art facilities ensure that you have everything you need for a successful and fulfilling college experience. With a secure environment and a focus on student well-being, our hostel provides the ideal space for both academic focus and relaxation. Whether it's modern amenities, dedicated support for your studies, or a community that fosters growth, our hostel is your home away from home—helping you thrive every step of the way!

## Facilities



**7+**  
BUILDINGS

**5000+**  
STUDENTS  
ACCOMMODATION

**100%**  
SATISFACTION



## 2 Tier Rooms

In this tier, 2 students will be living together in an en-suite apartment with an access to all the common facilities.

## 3 Tier Rooms

In this tier type, 3 students will be living together in an en-suite apartment with an access to all the common facilities.

## 4 Tier Rooms

In this tier type, 4 students will be living together in an en-suite apartment with an access to all the common facilities.

## Dormitory

Spacious and well-maintained dormitories provide comfortable shared accommodation with all essential amenities for students.

**World-Class  
Amenities &  
Unparalleled  
Comfort for  
an Enriching  
Academic Journey!**



## AI Labs & Pharma Practice Skill Labs





# Glimpse of DSU Main Campus at Harohalli



CLICK HERE  
TO VIEW

**(360 VIEW)**

OF THE  
**CAMPUS**

**DSU Main Campus:** Devarakagalahalli, Harohalli, Kanakapura Road, Bengaluru South – 562112

**Admissions Helpline Nos:**  **080 4646 1800**  **+91 636 688 5507**

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