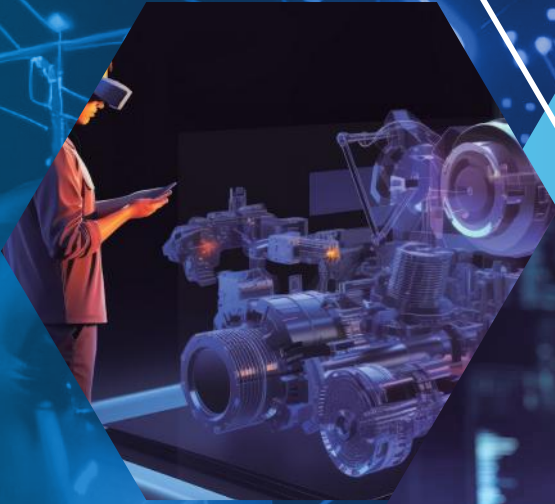




DAYANANDA SAGAR
UNIVERSITY



DSU live the dream

Empowering you
to be at the
Leading Edge of
INNOVATION

SCHOOL OF ENGINEERING

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

About DSU

Dayananda Sagar Institutions founded in the 60's by one such visionary, late Sri Dayananda Sagar 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 (45kms from Bengaluru city), 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.



GREAT LEGACY

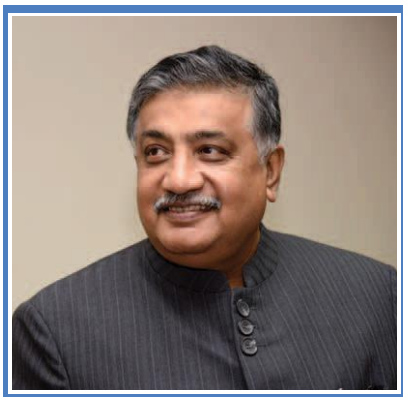


Late Shri R. Dayananda Sagar



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 enabling easy access to good and quality education by all, winning the hearts of many, far and wide reflecting the legacy of Dayananda Sagar University.



Dr. D. Hemachandra Sagar

Chancellor and Founder



Dr. D. Premachandra Sagar

Pro Chancellor and Founder

They are thinkers, planners, 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.



It has become appallingly obvious that our technology has exceeded our humanity.

About School of Engineering

Welcome to the cutting-edge realm of engineering excellence at the School of Engineering (SoE), Dayananda Sagar University (DSU). School of Engineering (SoE) at Dayananda Sagar University (DSU) offers provide world-class education and experiential training in engineering, with a focus on innovation across various disciplines such as Computer Science, Artificial Intelligence, Robotics, and more. the unique and multidisciplinary learning here is backed by some of the world's best state-of-the-art infrastructure, job-role based emerging specialisations, innovative pedagogy, contemporary curriculum, multifaceted faculties, strong industry collaborations, and impeccable placements.

It has emerged as the top choice for students who want to become the next- generation technocrats, innovators, developers, and creators. Our advanced and exceptional M.Tech programs are meticulously designed to propel you into the forefront of evolving technologies. It offers specialised majors, allowing students to delve deep into their areas of interest and expertise, whether its in computer science, electronics, or other engineering disciplines. The students are exposed to knowledge beyond their specialisation, which helps broaden their horizons of thought.



VISION

To Transform life through Excellence and Innovation in Engineering Education and Research with an emphasis on Sustainable, Inclusive Technology and Global needs.



MISSION

To Develop School of Engineering at Dayananda Sagar University, as Center of Excellence by imparting Quality Education and Research to generate highly Competent, Skilled and Humane manpower to face emerging Technological, Scientific and Social challenges with Ethics, Integrity, Credibility and Social concern.



Dean's Message

“ BE YOU BE THE DIFFERENCE!!!

Welcome to the new way of learning at School of Engineering (SoE) of Dayananda Sagar University (DSU). At SoE, we are committed to helping you to make a positive difference in the world. We at SoE are immensely proud to provide you with an outstanding education that equips them with the skills, experience, and confidence required to stand out from the crowd. The School promotes Culture of Excellence including the culture of Interdisciplinary, Research, Creativity, Innovations, and Entrepreneurship on various Cutting-Edge Technologies. At SoE, we provide the World-Class Education that is Student-centric, Research-centric, and Educational space where all of our students will have a transformative education, learn to be independent critical thinkers, be societally and ethically responsible, and to have a broad understanding of the world. We value ability, not background, and we support you to achieve your fullest potential. We want you to enjoy your time here, confident that, upon completion of Engineering degree program under SoE, you will have the knowledge, expertise, and employability skills to set you on your chosen career path. The decision you make about where to study is an extremely important one. I am pleased that you are considering the School of Engineering at DSU, and hope that you choose to continue your education with us.

BEST WISHES !

Dr. Udaya Kumar Reddy K R
Dean, School of Engineering

Why Engineering at DSU

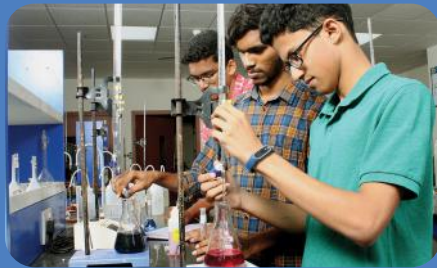
Engineering at Dayananda Sagar University (DSU) brings advantages through its established educational legacy, dynamic curriculum aligned with industry trends, practical learning environment, holistic skill development, industry connections for internships, global exposure, dedicated career support, and opportunities for innovation and research, all contributing to a well-rounded education that prepares graduates for successful engineering careers.



Innovation Labs Set up In the Campus with Assistance from

	100+ EXPERTS ENGAGED	1000+ APPLICATIONS	125+ JOBS CREATED	25+ PARTNERS
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Excellence in Academic Facilities & Learning Resources	Teaching Excellence Research Excellence	BEST EMERGING UNIVERSITY 2021	NATIONAL RANK-9 STATE RANK 3 SOUTH ZONE RANK 3	Leading & Most Trusted Management College of the Year 2021	BEST EMERGING B-SCHOOLS : ALL INDIA Dayananda Sagar University-2021



Career & Placements

The Training & Placement Centre (TPC) plays a vital role in making Dayananda Sagar University (DSU) the most favourite destination for many national and international companies to recruit fresh talent every year. The training & placement is the centralised activities for all Dayananda Sagar Group of Institutions.

Therefore, there is a humongous opportunity for students of DSU to get placements in various companies. More emphasis is on institute-industry interaction, pre-training learning initiatives, participating in industrial exhibitions, distinguished lectures by eminent speakers from industries, preplacement talks, written tests, group discussions, alumni activities and so forth. The TPC ensures smooth functioning of the placement activities in the campus and they get placed in the best of both national and international companies.



Top Recruiters



New-Age Specializations

Technological Breakthroughs are a Constant Event Creating New Job Roles Today and our New-Age Specialisations are Industry Aligned Specialisations in Futuristic Technology such as AI, ML, Data Science, Cybersecurity & Others etc. which will Transform you into a Forefront Engineer for a New World of Work.

Undergraduate Programs

- B.Tech.** Computer Science & Engineering
- B.Tech.** Computer Science & Engineering (AI & ML)
- B.Tech.** Computer Science & Engineering (AI & Data Science)
- B.Tech.** Computer Science & Engineering (Data Science)
- B.Tech.** Computer Science & Engineering (Cybersecurity)
- B.Tech.** Computer Science Engineering & Medical Engineering
- B.Tech.** Computer Science & Technology
- B.Tech.** Electronics & Communication Engineering
- B.Tech.** AI & Robotics
- B.Tech.** Mechanical Engineering
- B.Tech.** Aerospace Engineering

Postgraduate Programs

- M.Tech.** Computer Science Engineering
- M.Tech.** Design Engineering
- M.Tech.** Embedded Systems

Open Electives

Open Electives is applicable across all B.Tech specialisations from Vth Semester onwards

Open Elective — I

- >> Introduction to Aerospace Engineering
- >> Operations Management for Aerospace
- >> MOOC / NPTEL
- >> Programming in Java
- >> Introduction to IoT
- >> Economics for Engineers
- >> Industrial Robotics
- >> Machine Learning for Health Care
- >> Introduction to Cyber Security
- >> Cyber Security Policies for Enterprises
- >> Statistical Computing for Data Science
- >> Small E-Business Launch
- >> Product Engineering & Entrepreneurship
- >> Renewable Energy Technology
- >> Fundamentals of Telecommunication
- >> Electric Vehicle Technology
- >> Fluids & Thermal Engineering
- >> Materials for Engineering applications

Open Elective — II

- >> Introduction to Space Technology
- >> Introduction Satellite Technologies
- >> Fundamentals of Cloud Computing
- >> Web Technologies
- >> Responsible AI & Ethics
- >> Foundation of Cryptography
- >> Fundamentals of Network Security
- >> Data Exploration Using R
- >> Lean Startup Methodology
- >> Product Analytics
- >> Nanotechnology and its Applications
- >> Internet of Things
- >> Reconfigurable system design
- >> Automobile Engineering
- >> Total Quality Management and Reliability
- >> Renewable Energy Sources
- >> Rapid Manufacturing Technologies



B.Tech Program Curriculum

Introduction

The School of Engineering (SOE) at Dayananda Sagar University (DSU), Bengaluru is thriving for a unique curriculum to establish world-class opportunities for aspiring students in India and abroad.

Principles on Curricula.

- >> Holistic Development: Recognizing, identifying and fostering unique capabilities of a student.
- >> Flexibility: Students to select their learning trajectories and programs.
- >> Multidisciplinary Education: Education across Sciences, Social sciences, humanities, sports and arts were not only subjects such as singing and painting, but also 'scientific' fields, such as chemistry and mathematics, 'professional' fields, such as medicine and engineering, as well as 'soft skills' such as communication, discussion, and debate.
- >> Conceptual understanding: Fostering durable skills among students including critical thinking, developing an expert mind set, problem-solving, teamwork, leadership and communication.
- >> Use of Technology: Fostering technology-driven teaching environment which is unique at SOE to improve the quality of instruction for learners.
- >> Lifelong-learning: Providing an opportunity for individuals that enable them to progress personally and professionally.
- >> Professional Education: Preparation of professionals involving an education in the ethic and importance of public purpose, an education in the discipline, and an education for practice. It also involves centrally the critical and interdisciplinary thinking, discussion, debate, research, and innovation.
- >> Equity and Inclusion: At SOE-DSU, all students are able to thrive in education and availability of high-quality education.

Salient features of unique curriculum:

- >> Introduction of Student Induction Program.
- >> Reduced number of credits with focus more on learning space to students.
- >> Well defined learning course objectives and course outcomes for each course.
- >> Inclusion of courses on emerging and socially relevant topics.
- >> Mandatory strong fundamental courses that provide fundamental skillset, career opportunities and education for life.
- >> Built-in flexibility to the students in terms of professional elective and open / free elective courses.
- >> Mandatory internship to equip the students with practical knowledge and provide them exposure to real time industrial environments.
- >> Mapping of courses to its equivalent NPTEL / SWAYAM / MOOC Course.
- >> Courses on Entrepreneurship and Startups towards entrepreneurial mindset.

NOTE: All branches of Engineering and Technology offers Elective Courses in the Emerging / Multidisciplinary Areas viz., Artificial Intelligence (AI), Internet of Things (IoT), Blockchain, Robotics, Quantum Computing, Data Sciences, Cyber Security, 3D Printing and Design, Augmented Reality / Virtual Reality (AR / VR), Additive Manufacturing, etc.

How do Emerging B.Tech Specializations help Students?

- >> Specialized domain vertical courses are customized based on the current industry trends and future career scope.
- >> It enables both faculty and students the flexibility in determining key areas of study that they need to focus on.
- >> Specialization in domain specific provides students with greater access to resources, professors, and opportunities than a single program.
- >> Hiring people or managers of reputed companies would love to see students with some relevant practical experience in their desired field. Having good knowledge of a domain lets students hit the ground running.
- >> Students can take advantage of the strengths in the specialized courses to jump-start their careers.
- >> A degree with a great specialization program is comparatively less expensive than taking up two separate programs separately



Prestigious Merit Scholarship for Elite Students

Since 2014, DSU has been dedicated to nurturing bright talent through merit scholarships awarded via the Dayananda Sagar Scholarship Admission Test (DSAT). Initially, this home-based proctored exam, consisting of multiple-choice questions, offered a total scholarship pool of INR 6 crores for students who achieved the required threshold score for B.Tech admissions.

For the academic cycle of 2025, DSU has updated its scholarship program and now merit **scholarships worth INR 8.45 Cr.** for B. Tech admissions will be based on scores of national-level entrance exams such as IIT-JEE, COMED-K, and Uni-Gauge, in accordance with university norms.

Exceptional Benefits of Prestigious Merit Scholarship

Financial assistance for exceptional students

Recognition of Merit:
Validating academic excellence
Based on IIT-JEE/COMED-K/Uni-Gauge Scores

Opportunity for Higher Education:
In leading university with cutting-edge specializations

Enhanced Motivation: Inspiring excellence in future endeavours

Access to Quality Education:
Pursue education aligned with industry trends

Career Advancement: Elevate resume & future career prospects

B.Tech > IIT JEE

Prestigious Merit Scholarship Worth INR 8.45 Cr.

B.Tech Admissions for 2025 - 26 are based on the key scores of below Entrance Exams

✓ IIT JEE ✓ COMED-K ✓ UNI-GAUGE ✗ DSAT

Scholarship Highlights

2024- **INR 6.79 Cr.** awarded to **905** Students

2023- **INR 5.80 Cr.** awarded to **806** Students

2022- **INR 3.34 Cr.** awarded to **669** Students





























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

- | | | | | | | |
|--|---|--|---|---|---|--|
| 
24/7 Assistance | 
24/7 Handyman | 
24/7 Concierge | 
Face recognition & Biometric | 
24/7 Handyman | 
24/7 Handyman | 
24/7 Handyman |
| 
Wi-Fi | 
Vending Machines | 
RO Drinking Water | 
CCTV Monitoring | 
Study Zones | 
Business Center | 
Break-Out Zones |
| 
F & B Partners | 
Retail Cafeteria | 
Gym Room | 
Meditation Room | 
Theatre | 
Video Game Room | 
Sports Facilities |
| 
Men's Salon | 
Parking | 
Music Room | 
Yoga Room | 
Indoor Game Rooms | 
Discussion Rooms | 
Parcel Service |

3+

BUILDINGS

580+

ROOMS

2650+

STUDENTS
ACCOMMODATION

100%

SATISFACTION

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.

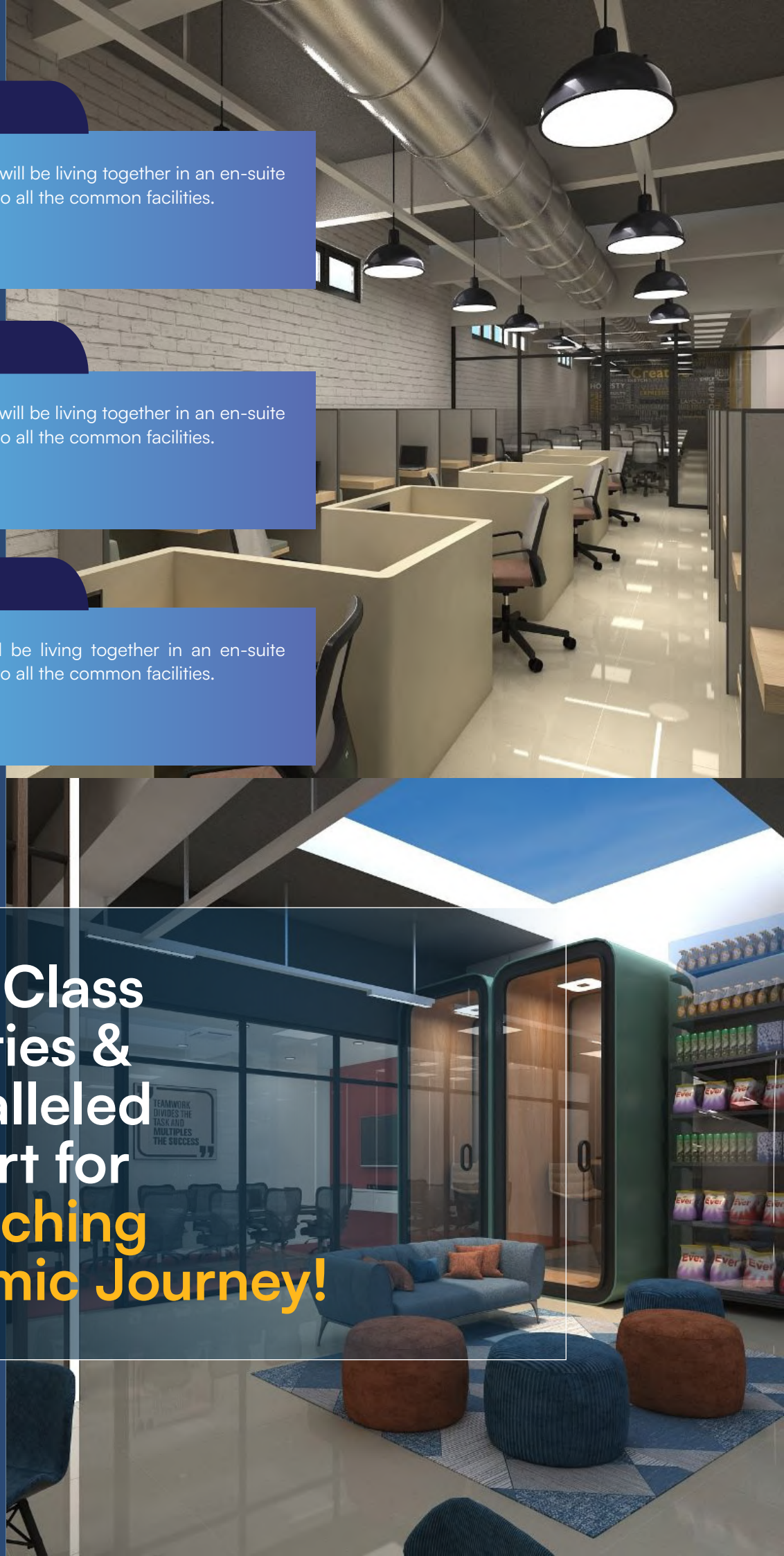
3 Tier Rooms

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

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.

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



Glimpse of DSU Main Campus at Harohalli



DSU Main Campus : Devarakagalahalli, Harohalli, Kanakapura Road, Bengaluru – 562 112

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

 www.dsu.edu.in

 admissions@dsu.edu.in