



BACHELOR OF TECHNOLOGY

B.Tech.

svyasa.edu.in



S-VYASA
Deemed-to-be University
SCHOOL of ADVANCED STUDIES

NAAC
GRADE A+
ACCREDITED UNIVERSITY

MILESTONE JOURNEY



1975

Establishment of S-VYASA



1985

First Research publication in British Medical Journal



1988

SIRO (Scientific & Industrial Research Organisation) Recognition



2011

Center for Excellence by Ministry of AYUSH



2007 - 2012

ICMR Research Center Approval For Advanced Research in Y & N



2002

Deemed-to-be University Status by Ministry of Education, GOI



2013

Listed in Category 'A' by Ministry of Education, GOI



2014

Awarded UGC 12B Status for High Standards of Education & Research



2017

A+ Grade - Cycle II, NAAC Accreditation



2023

A+ Grade - Cycle III, NAAC Accreditation



2019

Awarded KSURF 4 Star Specialist University Status



2018

Awarded Category-1 University Status by UGC



2024

Opened World Class Campus at Global Tech Park

| SHAPING FUTURE INNOVATORS



PADMA SHRI

Dr. H R Nagendra

President, S-VYASA

Welcome to S-VYASA Deemed-to-be University, School of Advanced Studies, where we are crafting the engineers of tomorrow. In a world demanding more than just technical skill, our B.Tech. programmes fuse advanced engineering with holistic development, cultivating leaders ready to innovate. We believe engineering transcends codes and protocols. It's about driving sustainable innovation with creativity and ethical responsibility. At S-VYASA Deemed-to-be University, School of Advanced Studies, you'll gain the skills to excel, adapt, and build solutions that redefine technology's future. Embark on a transformative journey where your potential is nurtured, and your future is built on excellence.

A VISIONARY LEADER, Dr. H R NAGENDRA PIONEERED THE INTERNATIONAL DAY OF YOGA AND BRIDGED THE WORLDS OF SCIENCE AND HOLISTIC WELL-BEING.

TRANSFORM YOUR POTENTIAL TO CREATE GLOBAL IMPACT

WHERE INNOVATION MEETS EXCELLENCE AND VISIONARIES ARE FORGED

The B.Tech. programme at our institution isn't merely an educational pathway - it's a transformative journey designed to cultivate the next generation of technological pioneers who will reshape our world. In an era defined by unprecedented technological advancement, we provide more than just knowledge; we offer the foundation for extraordinary careers that transcend conventional boundaries.

Our programme bridges the critical gap between theoretical knowledge and practical application, ensuring graduates emerge not just with degrees but with the capabilities to drive innovation across industries and continents. This isn't education in isolation - it's education with exposure.

DISTINCTIVE APPROACH - INTERDISCIPLINARY FOCUS

The most significant innovations emerge at the intersection of disciplines. Our programme encourages exploration beyond traditional engineering boundaries, incorporating elements of design thinking, business strategy, and ethical considerations to develop well-rounded technical leaders.

ADAPTIVE LEARNING PATHS

We recognise that each student brings unique potential. Our programme offers individualistic learning paths that adapt to individual strengths, interests, and career aspirations while maintaining rigorous standards across all deliverables.

HONING RESEARCH CAPABILITIES

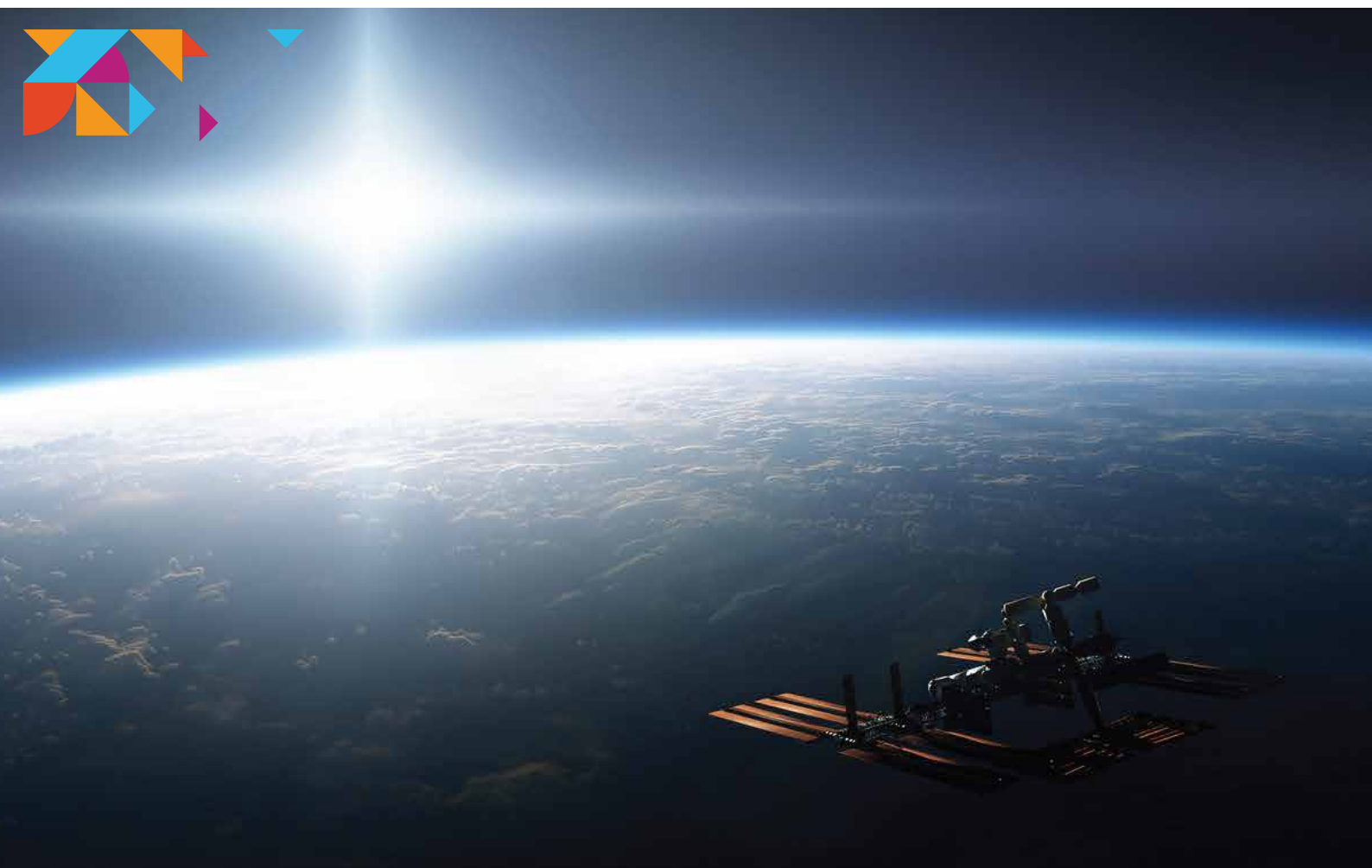
Unlike programmes that reserve research opportunities for advanced students, we integrate research experiences from the first year. This early exposure cultivates critical thinking, technical writing skills, and the ability to contribute meaningfully to knowledge creation.

ENGINEERING INNOVATION

A LEGACY FORGED AT NASA, **FLOURISHING AT S-VYASA**

S-VYASA's foundation is built on the extraordinary vision of Padma Shri Dr. H R Nagendra, the "Yoga Scientist". His path from contributing to NASA's pioneering research to igniting the global movement of International Day of Yoga fuels our unique educational philosophy.

This legacy infuses our B. Tech. programmes with a distinctive edge: rigorous scientific inquiry paired with ethical, sustainable innovation. Here, you will master complex engineering challenges while understanding their profound societal and environmental impact. We believe in cultivating leaders who blend cutting-edge technology with enduring values, creating innovators with conscience.



From NASA to S-VYASA

WELCOME TO THE FUTURE OF ENGINEERING EDUCATION

UNLEASH YOUR POTENTIAL. REDEFINE THE POSSIBLE.

At S-VYASA Deemed-to-be University, School of Advanced Studies, we don't just prepare students for the world. We prepare them to transform it. Our **B.Tech.** programme is where the bold converge to explore the unknown, invent the unseen, and challenge the unimaginable.

If you are a student eager to **design the future** and seeking next-gen talent and global exposure – this is your Platform.

WHY WE ARE A GLOBAL TRENDSETTER



ACADEMIC PRESTIGE

Our curriculum is modelled after top global institutes like MIT, Stanford, and ETH Zurich as per AICTE guidelines and their model syllabus.



IMMERSIVE LEARNING

Real-world innovation begins right from the first semester through labs, simulations, and entrepreneurship clubs.



FUTURE FOCUSED DISCIPLINES

Tackle tomorrow with courses in AI, quantum computing, blockchain, AI, ML, CS, DS, IoT, BCT and digital ethics to fight real-world challenges.



INDUSTRY CO-CREATION

Curriculum co-designed with CXOs, tech leaders and Industry experts.



GLOBAL VISION, GLOBAL IMPACT

Students are equipped to solve both emerging global technologies and grassroots challenges.



We don't Just deliver **GRADUATE ENGINEERS.**
We deliver Graduate **LEADER OF PROGRESS.**

Dean - Engineering,

S-VYASA Deemed-to-be University, School of Advanced Studies

| ENGINEERING THE FUTURE

BACHELOR OF TECHNOLOGY PROGRAM

Where innovation meets excellence and visionaries are brought into limelight.

OUR PROGRAMMES - WHAT WE OFFER

GLOBAL COMPETITIONS: Our students consistently excel in prestigious international competitions, from robotics challenges, hackathons, and ideathons to solve modern problems, thereby applying their knowledge in competitive real-world scenarios.

TECHNOLOGICAL HUMANITARIAN INITIATIVES: Engineering is not just about what can be built—it's about what should be built. Through our technological humanitarian initiatives, students develop solutions for communities facing barriers, applying their technical expertise to address pressing challenges.

INDUSTRY IMMERSION PROGRAMME: Beyond traditional internships, our industry immersion programme places students in partner organisations, allowing them to experience professional environments, contribute to projects, and build valuable industry connections.



CURRICULUM ENGINEERED FOR THE FUTURE

Our carefully crafted curriculum evolves continuously, incorporating new-age technologies and methodologies while maintaining a solid foundation in engineering fundamentals. This dynamic approach ensures our graduates are equipped not just for today's challenges but also tomorrow's breakthroughs.

INNOVATION LABS

Access our state-of-the-art innovation labs – a facility featuring advanced equipment, digital fabrication tools, and specialised workspaces where theoretical concepts transform into tangible solutions. Here, ideas become prototypes, and prototypes become market-ready innovations with patents.

GLOBAL PERSPECTIVE

Engineering challenges transcend borders. Our programme features international collaborations, exchange opportunities, and global case studies that prepare students to work effectively in diverse, multicultural environments— a crucial skill in our interconnected world.

INDUSTRY INTEGRATION

Theory meets application through our extensive industry partnerships. Students engage in collaborative projects with leading technology companies, participate in industry-sponsored research, and benefit from mentorship by professionals who are actively shaping their fields.

ENTREPRENEURIAL ECOSYSTEM

For those with startup ambitions, our entrepreneurial ecosystem provides the support structure to transform ideas into ventures. From dedicated incubation spaces to seed funding opportunities and mentorship from successful founders, we nurture the entrepreneurial mindset.

PROGRAMMES THAT SHAPE THE INNOVATORS OF TOMORROW

EXPLORE B. Tech. PROGRAMMES BUILT FOR **IMPACT**



Computer Science & Engineering



Computer Science & Engineering
(Software Engineering)



Computer Science & Engineering
(Data Science)



Computer Science & Engineering
(Cyber Security)



Artificial Intelligence & Machine Learning



Computer Science & Information Technology

PROGRAMME ENHANCEMENTS

- Summer Tech Schools & Bootcamps
- Dual-Degree Options & Research Assistantships
- Pathways to International Education



NEXT - GEN CURRICULUM FOR A NEW WORLD

BEYOND BLUEPRINTS : **ENGINEERING THAT MATTERS**

The world has changed. **Engineering Education** must too. Our modular, project-led, and interdisciplinary curriculum trains you to:

- Build cross-domain solutions
- Think critically, ethically, and globally
- Collaborate across cultures and disciplines
- Engineer outcomes with purpose and impact

ACADEMIC INITIATIVES

Global Immersion Opportunities

Learn at partner universities. In Europe, the US and Asia through student exchange programmes with recognition of credits acquired.

Hack-to-Impact Labs

Curriculum-integrated problem-solving sprints with regular hackathons and ideathons.

Greentech Initiatives & Projects

Develop sustainable, eco-conscious technology through eco-clubs & green initiatives.

Nano Degrees

Stackable credits in emerging tech fields through micro-certifications in various domains.



The science of possibility, The art of engineering



FACULTY:

THINKERS. INVENTORS. WORLDBUILDERS.

WE ATTRACT EDUCATORS WHO ARE



DOCTORATE HOLDERS FROM IIT'S, NIT'S, IISC, STANFORD, CAMBRIDGE AND MORE WHO ALSO DELIVER TECH TALKS.



RECIPIENTS OF NATIONAL INNOVATION AWARDS AND PATENT HOLDERS.



POLICY CONTRIBUTORS AND TECH STARTUP FOUNDERS.




MENTORS WITH A GLOBAL VISION AND GRASSROOT UNDERSTANDING.

Our university empowers students to actively contribute to innovative research projects and entrepreneurial startup ventures, bridging academic theory with real-world experience.

INDUSTRY CONNECT: FROM CAMPUS TO CORPORATE


WHERE INNOVATION GETS FUNDED, TESTED AND ADOPTED

Our unmatched **industry collaborations empower** students, faculty, and partners to create impactful solutions tailored for the modern world.




Industry Partners

200+ Tie-ups with leading firms such as Microsoft, TCS, Google, IBM, Infosys




Innovation Hub

Corporate - backed innovation labs and product testing spaces




CXO Connect

Students are mentored by top executives with robust technological knowledge



Techtreks

Global industry immersions in top International universities



Industry-Co-Taught Modules

Classes delivered in collaboration with subject-matter experts

LAUNCHPAD CAREER ACCELERATOR

Top students pitch to recruiters, startup mentors, and angel investors during annual demo days.

WHY S-VYASA?

The B.Tech. programme at **S-VYASA Deemed-to-be University, School of Advanced Studies**, is for those who aspire to lead **technological advancement** rather than merely witness it. It is for individuals with the ambition to translate ideas into innovations that reshape the technological landscape. If you are ready to join a community of exceptional minds working at the frontier of technological possibility, we invite you to explore what makes our programme the launching point for remarkable careers.

CAMPUS LIFE : A CULTURE OF CURIOSITY AND CREATION

More than just **Buildings and Labs** – our campus is a **Living, Breathing Innovation Lab**

- Smart classrooms and immersive digital learning tools
- VR studios, robotics garages and tinkering labs
- Wellness spaces, nature walks and peer support pods
- Start-up street : student-run ventures with Tech Park initiatives
- International student and faculty exchange programmes
- Tech carnival, harmony fest, and cultural nights with a global twist



At S-VYASA Deemed-to-be University, School of Advanced Studies
you'll find your purpose and your people



ADMISSIONS & SCHOLARSHIPS

We remove barriers to create real inclusive learning.
Transparent Entrance and Counselling-Based Admissions.

100% Merit-Based and Need-Based Scholarships*

Women in **STEM** Fellowships

Global Talent Initiative for NRI and International Applicants

Founders' Grant : for **Entrepreneurial** Aspirants with Pre-Idea-Stage Ventures

Accessible Education : Interest-Free Loans, Work-Study Options, Startup Grants

*T&C Applied



YOUR INNOVATION STARTS HERE

APPLY NOW

To be a part of India's most future-ready engineering cohort.



S-VYASA
(Deemed to be University u/s 3 of the UGC Act, 1956)
SCHOOL of ADVANCED STUDIES
Sofha Global City, Kengeri, Mysore Road, Bengaluru - 560069

NAAC
GRADE A+
ACCREDITED UNIVERSITY

EDUCATION meets **INDUSTRY**

OUR CENTRE OF EXCELLENCE



The programme, co-developed with IBM's ICE, offers a curriculum aligned with industry standards. Students gain practical experience through projects, case studies, and mentorship from IBM professionals. With their degree, they earn industry-recognised certifications in AI, Data Science, Cloud Computing, and more.



- Courses delivered by IBM Subject Matter Experts.
- Project and internship-based learning with IBM mentorship.
- IBM ICE merchandise and learning kits for students.
- Globally recognised IBM Digital Badges.
- Internship and placement opportunities facilitated by IBM

The programme, enhanced by TCS iON, integrates a phygital learning model that combines classroom instruction with digital tools. Through Industry Honour Courses and the Placement Success Programme, students acquire essential skills in coding, analytics, and soft skills, aligning with current industry demands.



- Courses delivered by TCS Subject Matter Experts in the classroom.
- Project and internship-based learning, with placement opportunities from TCS partners.
- Participation in national and global hackathons.
- Recognition of Industry Honour Courses through digital credentials.
- Employability skill certifications, including NQT and job readiness training through PSP

Students receive comprehensive support to pursue international education through our collaboration with Santamonica Study Abroad Pvt. Ltd.. With over 20 years of experience and partnerships with 800+ institutions across 30+ countries, Santamonica offers:



- Guidance on university/college and course selection
- Assistance with applications, admissions, scholarships, and funding
- Visa processing and interview preparation
- Pre-departure and post-arrival support
- Opportunities for dual degrees, internships abroad, summer schools, student exchange and credit transfers

As a Cambridge Learning Partner, we offer an internationally recognised CEFR-aligned English language learning programme. This programme enhances students' language proficiency, providing them with a competitive edge in academic and professional settings.



- Structured learning and testing through CEFR-based assessments
- Improved academic and career outcomes
- Enhanced global mobility and employability
- Recognition by universities and employers worldwide

Our industry and edtech partners actively train and mentor students, equipping them with the skills needed for successful placements.

*T&C applied

INTERNATIONAL AFFILIATIONS & MoUs



and more than **30+ International Institutions**

NATIONAL AFFILIATIONS & MoUs



and more than **70+ National Institutions**

EDTECH PARTNERSHIPS



OUR RECRUITERS



ARE YOU READY TO BUILD THE FUTURE WITH US?

YOUR JOURNEY STARTS HERE

LET'S MEET !

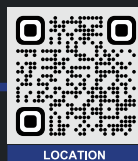


SCAN TO CONNECT



S-VYASA
Deemed-to-be University
SCHOOL of ADVANCED STUDIES

S-VYASA Deemed-to-be University, School of Advanced Studies is a hub for pioneering engineering education, where technical mastery meets Practical Application, Our B.Tech. programme, driven by strong industry collaborations and a future-focused curriculum, Empowers you to lead technological advancements and engineer tomorrow's solutions.



LOCATION

S-VYASA Deemed-to-be University, SCHOOL OF ADVANCED STUDIES

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