

| Scholarships | |
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| Scholarship Name 1: | Infosys Foundation STEM Stars Scholarship Program 2025-26 |
| Description: | An initiative of Infosys Foundation to support female students in India who aspire to pursue undergraduate degrees in STEM (Science, Technology, Engineering, Mathematics) disciplines. |
| Eligibility: | <ul style="list-style-type: none">The applicants must be female students from India.They should have successfully completed their Class 12 examinations.Eligible students include those enrolled in the first year of undergraduate STEM courses at recognised NIRF-accredited institutions. Additionally, second-year B.Arch students and those pursuing five-year Integrated or Dual Degree programs are also welcome to apply.Female students intending to pursue engineering and medical courses in government colleges not listed in the NIRF rankings are also eligible to apply.The annual family income of the applicants must not exceed ₹8,00,000. |
| Prizes & Rewards: | The selected candidates will receive a scholarship of up to ₹1,00,000 per annum, covering actual expenses, for the duration of the course. |
| Last Date to Apply: | 15-09-2025 |
| Application mode: | Online applications only |
| Short Url: | www.b4s.in/hans/ISTS3 |
| QR Code: | https://d2w71p59qkl0r.cloudfront.net/static/images/scho-media/infosys-foundation-stem-stars-scholarship-program-2025-261751885613.png |
| Scholarship Name 2: | HSB Scholarship-cum-Admission Seat Programme 2025-26 |
| Description: | Applications are invited from bachelor's degree holders for the Hari Shankar Singhania School of Business Scholarship-cum-Admission Seat Programme for the academic year 2025-26. |
| Eligibility: | <ul style="list-style-type: none">Students who wish to pursue a 2-year residential MBA in Product Management, AI & Business Analytics and Entrepreneurship & Organisational Foresight at HSB.Must have secured at least 60% marks in a bachelor's program.A valid test score in CAT, XAT, NMAT, MAT, GMAT, or other competitive entrance examinations is preferred but not mandatory. |
| Prizes & Rewards: | Up to 100% tuition fee waiver for the entire course duration |
| Last Date to Apply: | 14-07-2025 |
| Application mode: | Online applications only |
| Short Url: | www.b4s.in/hans/HSSB1 |
| QR Code: | https://d2w71p59qkl0r.cloudfront.net/static/images/scho-media/hsb-scholarship-cum-admission-seat-programme-2025-261751884755.png |
| Scholarship Name 3: | Mohan T Advani Centennial Scholarship Programme |
| Description: | Blue Star Foundation aims at supporting and empowering underprivileged undergraduate and diploma students enrolled in Architecture and Engineering programs at selected private or government colleges across India through their flagship initiative, i.e. Mohan T Advani Centennial Scholarship Programme. |
| Eligibility: | First and second-year students enrolled in a degree or diploma program in architecture and engineering, such as Mechanical Engineering, Electrical Engineering & Electronics Engineering and production Engineering, excluding Civil Engineering. Applicants must have scored a minimum of 80% in Class 10 and Class 12 for first-year students, and at least 80% in Class 12 and 75% in the 1st year for second-year students. Students enrolled in selected colleges* will be eligible to apply. Applicants' annual family income from all sources must be less than INR 6 lakh. |
| Prizes & Rewards: | <ul style="list-style-type: none">For engineering and architecture students: INR 1,00,000 or 75% of the annual fees (whichever is less)For diploma students: INR 40,000 or 90% of the annual fees (whichever is less) |
| Last Date to Apply: | 15-07-2025 |
| Application mode: | Online applications only |
| Short Url: | www.b4s.in/hans/BSFS4 |
| QR Code: | https://d2w71p59qkl0r.cloudfront.net/static/images/scho-media/mohan-t-advani-centennial-scholarship-programme1750424927.png |
| Scholarship Name 4: | Raman Kant Munjal Scholarship 2025-26 |
| Description: | The Raman Kant Munjal Scholarship 2025-26 is an initiative by the Raman Kant Munjal Foundation, supported by Hero FinCorp, that aims to help undergraduate students pursuing finance-related courses to pursue their dreams of a promising career and a better life. |
| Eligibility: | <ul style="list-style-type: none">Students enrolled in the BBA, BFIA, B.Com. (H, E), BMS, IPM, B.A. (Economics), BBS, or any other finance-related degree courses are eligible.Applicants must have secured at least 80% marks in Classes 10 and 12. (70% marks for PwD students)The annual family income of the applicants should be less than INR 6 lakh.Open for Indian nationals only. |
| Prizes & Rewards: | Scholarship from INR 40,000 to INR 5,50,000 per year for three years |
| Last Date to Apply: | 31-07-2025 |
| Application mode: | Online applications only |
| Short Url: | www.b4s.in/hans/RMKSP5 |
| QR Code: | https://d2w71p59qkl0r.cloudfront.net/static/images/scho-media/raman-kant-munjal-scholarship-2025-261750425076.png |
| Scholarship Name 5: | IDFC FIRST Bank MBA Scholarship 2025-27 |
| Description: | IDFC FIRST Bank MBA Scholarship is a need-based scholarship program run by IDFC FIRST Bank to financially support students with a family income of less than INR 6 lakh per annum. The purpose of this scholarship is to make post-graduate studies in business management accessible to meritorious students who are unable to pursue higher studies due to financial constraints. |
| Eligibility: | Indian students enrolled in the first year of a 2-year full-time MBA program for the class of 2027 at selected educational institutions may apply for this scholarship. Applicants' gross annual family income should be less than or equal to INR 6 lakh. Applicants must have a valid mobile number linked to their Aadhaar number. |
| Prizes & Rewards: | INR 2 lakh for 2 years of MBA studies (INR 1 lakh/year) |
| Last Date to Apply: | 20-07-2025 |
| Application mode: | Online applications only |
| Short Url: | www.b4s.in/hans/IFBMS6 |
| QR Code: | https://d2w71p59qkl0r.cloudfront.net/static/images/scho-media/idfc-first-bank-mba-scholarship-2025-271751885704.png Courtesy - buddy4study.com |

Engineering training in promoting holistic health and population stability

Engineering training plays a crucial role in promoting holistic health and population stability by developing innovative solutions that integrate human, environmental, and animal health within sustainable systems. This interdisciplinary approach, often framed around concepts such as Health Equity Engineering and One Health, leverages engineering principles to address complex health challenges, improve living conditions, and foster resilient communities.

Here's how engineering education and practice significantly contribute to holistic health and stable populations:

Designing sustainable infrastructure for public health

Engineers develop essential infrastructure—such as clean water supply systems, sanitation facilities, waste management, and resilient housing—that directly impacts population health. Well-designed water and sanitation systems reduce the spread of infectious diseases, improve hygiene, and promote nutrition by creating safe environments. For example, civil and environmental engineers design water treatment plants and sewage systems that prevent contamination and waterborne illnesses, which are crucial for population stability.

Advancing health equity through engineering innovations

The emerging field of



Health Equity Engineering (HEE) focuses on creating tools and systems that address health disparities, particularly in marginalised communities. Engineering solutions can help to reduce chronic stress and its biological effects by enhancing living environments, improving healthcare access, and addressing social determinants of health. This systemic approach ensures that technological advances benefit all segments of the population, promoting equitable health outcomes and social stability.

Integrating one health principles

Engineering education increasingly embraces the One Health framework, recognising the interconnectedness of human, animal, and environmental health. Engineers collaborate with biologists, environmental scientists, and healthcare professionals to develop technologies that monitor and control zoonotic dis-

eases, improve food safety, and manage ecosystems sustainably. Innovations in biosensors, telehealth, and smart agriculture prevent disease transmission and enhance community health resilience.

Promoting sustainable development and environmental stewardship

Engineers play a leading role in sustainable development by designing technologies that minimise environmental impact while supporting economic and social welfare. Sustainable engineering practices in agriculture, energy, and urban planning help maintain ecosystem balance, which is essential for long-term population health. By reducing pollution and conserving resources, engineers help prevent health issues related to environmental degradation.

Enhancing healthcare delivery and accessibility

Biomedical and health

engineers design affordable medical devices, diagnostics, and telemedicine systems that improve access to healthcare, especially in underserved or remote areas. Engineering-driven innovations, such as mobile health clinics and AI-powered diagnostics, improve early disease detection and personalised care, contributing to healthier populations and reducing healthcare disparities.

Building climate-resilient communities

Climate change exacerbates health risks through extreme weather, vector-borne diseases, and food insecurity. Engineers design climate-adaptive infrastructure—like flood defences, energy-efficient buildings, and resilient transportation systems—that protect vulnerable populations and maintain essential services during crises. This resilience supports population stability by reducing displacement and health emergencies.

Fostering interdisciplinary collaboration and innovation

The interdisciplinary nature of engineering fosters collaboration to address complex health challenges comprehensively. Training engineers in systems thinking and socio-technical perspectives equips them to design integrated solutions that address multiple determinants of health simultaneously, from infrastructure to behaviour and policy.

Empowering communities through education and technology transfer

Engineering education can promote community engagement and strengthen local capacity by involving residents in the development and application of technology. This empowerment fosters ownership, sustainability, and culturally appropriate solutions that enhance health outcomes and social cohesion.

Engineering training is vital for promoting holistic health and stabilising populations through the delivery of sustainable infrastructure, the advancement of health equity, the integration of environmental and animal health, and the fostering of resilient communities. Through innovative technologies, interdisciplinary collaboration, and a commitment to sustainability and equity, engineers contribute to the creation of healthier, more stable societies capable of addressing current and future global health challenges.

Hyd student awarded global citizen scholarship

HANS NEWS SERVICE
DELHI

GLOBAL Indian International School (GIIS) held a felicitation ceremony at Aerocity, Delhi, to honour this year's recipients of its flagship Global Citizen Scholarship (GCS) — a prestigious initiative that supports outstanding students with access to world-class education abroad.

Among the ten scholars selected nationwide was Duaa Ahamed Sherief from Hyderabad, recognised for her academic achievements and leadership potential. As part of the scholarship, Duaa will pursue Grades 11 and 12 at the GIIS SMART Campus in Singapore, with the full cost of tuition, boarding, and living expenses — amounting to ₹1 crore over two years — fully covered by the GCS programme. Students can choose between the CBSE and International Baccalaureate Diploma Programme (IBDP) curricula at the campus.

“The Global Citizen Scholarship goes beyond financial support; it empowers dreams,” said Pramod Tripathi, Director of Academics at Global Schools Group. “We are investing in



students who demonstrate vision, empathy, and a commitment to shaping a better world.”

Duaa was chosen through a multi-stage selection process that assessed academic records, problem-solving abilities, social responsibility, and leadership potential. Her selection reflects the GCS programme's broader aim of nurturing students who not only perform well academically but also show a drive to create positive societal change.

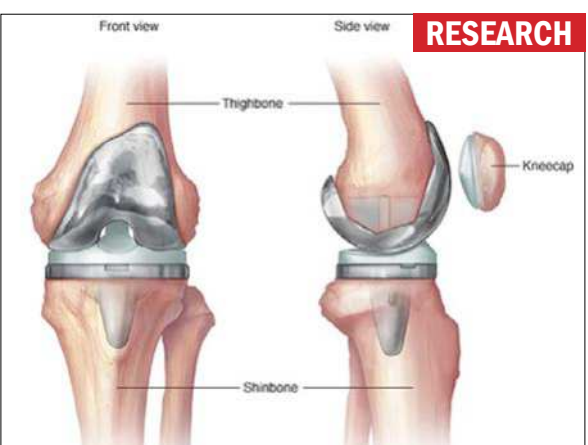
“Receiving the Global Citizen Scholarship is a defining moment,” said Duaa. “It has validated my efforts and inspired me to lead with purpose, learn with passion, and give back meaningfully. I see this as just the beginning.”

Diabetes may raise infection, post knee replacement surgery

HANS NEWS SERVICE
NEW DELHI

Diabetes may not only lead to joint pain that can severely damage your knee but also increase the risk of infections and blood clots after knee replacement surgery, according to a new study led by Indian researchers.

More than half of people with diabetes have coexisting arthropathy -- disease or condition affecting a joint -- and may need a hip or knee arthroplasty (joint replacement surgery) in the future. The study led by researchers from the Vardhman Medical College & Safdarjung Hospital, New Delhi, showed



that diabetes is a significant risk factor for joint infection following total knee arthroplasty (TKA) -- a popular and effective surgery for patients with advanced knee arthritis.

Deep vein thrombosis (DVT) or blood clots is another crucial postoperative complication after TKA, which may also cause pulmonary embolism -- a blood clot caus-

ing a blockage in pulmonary arteries in the lungs. The condition can result in increased morbidity and mortality.

“The presence of diabetes significantly impacts post-TKA outcomes, leading to higher complication rates and negatively affecting physical function and quality of life,” said the researchers, including from Indraprastha Apollo Hospitals and Fortis C-Doc Hospital. “Insulin-treated diabetics face 60 per cent higher perioperative adverse events. Poor sugar control around TKA surgery worsens outcomes,” they added, in the paper published in the Journal of Orthopaedics. The findings based on systematic reviews and meta-analyses showed that people

with diabetes undergoing TKA face a 43 per cent higher risk of periprosthetic joint infection (PJI) and are 45 per cent more likely to experience deep vein thrombosis (DVT). The rates of hospital readmissions were significantly higher, showing a 28 per cent increase. Those with insulin-treated diabetes exhibited a 60 per cent greater incidence of perioperative adverse events. The researchers called for further rigorous studies to establish standardised definitions for glycemic control and to investigate mechanisms contributing to increased risks, facilitating improved preoperative risk stratification and management strategies for diabetic patients undergoing TKA.



campaigns to policy discussions—aim to spark conversations around the choices and commitments that shape our collective future. As populations continue to grow, the emphasis must shift from mere numbers to ensuring dignity, opportunity, and well-being for all.