Arizona State University

India
ASU Charter

ASU is a comprehensive public research university, measured not by whom it excludes, but by whom it includes and how they succeed; advancing research and discovery of public value; and assuming fundamental responsibility for the economic, social, cultural and overall health of the communities it serves.

New American University

Arizona State University has become the foundational model for the New American University, a new paradigm for the public research university that transforms higher education. ASU is committed to excellence, access and impact in everything that it does.
Welcome

We are proud that Arizona State University is the academic home of more than 2,420 students from India and that the university has impacted the lives of more than 12,250 alumni from India.

We are committed to helping our learners succeed — not just academically, but throughout their lives — and be prepared for a rapidly changing world where new careers are constantly evolving.

Our legacy of excellence in education grows because of the strengths of our award-winning faculty, who invest in collaborative, interdisciplinary and solutions-focused approaches to research, education and entrepreneurship.

We look forward to working with you to empower the workforce and leadership of the 21st century, centered on discovery and impact.

Warmest regards,

Julia Rosen
Vice President, Global Academic Initiatives
Office of University Provost
Student enrollment

2020

2,429
students from India enrolled at ASU in fall 2020.

471
undergraduate students.

1,958
graduate students.

India is the top country of origin for international graduate students enrolled at ASU and the second-largest international student population overall.

ASU’s Indian Students Association
The student-run Indian Students Association provides guidance and assistance to Indian students at ASU. The ISA offers information sessions, cultural and recreational activities, and support for Indian students throughout their time at the university.

32.1%
Phoenix, Arizona hosts the largest number of international students from India in the U.S. – Open Doors Report, 2018

Vivin Paliath
Computer science program, PhD
Arizona Army National Guard veteran, Pat Tillman Scholar (2018)
Vivin is an immigrant from India who grew up in Oman before moving to California. He did a year tour in Baghdad with the Army before starting his PhD program at ASU. He is working to build software for cybersecurity and threat intelligence, and plans to research the application of artificial intelligence and machine learning.
Prerana Reddy
Architecture, Undergraduate
Bangalore, India

“ My first reason to choose ASU was the reputation ASU holds in the U.S. and back in my country. ASU has a really flexible curriculum and the professors are really sweet. As an international student, I come from a very different educational background. The professors are actually willing to work with me and help me figure out my way through my career, and there are a lot of academic advisors too. ASU is really helping me out with where I want to be.”
Alumni

ASU’s largest international alumni population is from India

12,246
Indian alumni who have graduated since 1981.

#1 country of origin for international alumni of ASU from 2012 to 2020.

1,656
alumni living in India

Designed to serve Sun Devils in India, the India Chapter of the ASU Alumni Association offers networking and opportunities.
alumni.asu.edu/chapters/India-chapter

7,308
students from India have become ASU alumni since 2012.
Alumni

Sayantan Mukherjee
Linguistics and applied linguistics, PhD
Dubrajpur, West Bengal, India
Sayantan's seeks a professorship in India or the U.S. His research broke new ground in gender studies and in issues of colorism. He believes that quality education is "the only way up."

"Arizona State University was one of my top preferences because of its faculty strength. I was also aware of the ASU's reputation as a public university that prided itself on diversity and innovation."

Sangeeta Agarawal
Computer Engineering, MS
Sangeeta did groundbreaking work in mobile application research while at ASU. She became an oncology nurse and founded Helpsy Health, a virtual whole-health nurse platform for practitioners. The company has helped more than 20,000 patients so far and is used by thousands of employers across the country.

"ASU was very helpful to students like me who didn't know anyone or anything. I got a lot of support, emotional as well as logistical. I had a host family who adopted me — if I had a flat tire or a really bad day, I had someone who treated me like family."

Akanksha Mohla
Supply chain management, MBA
Mumbai, India
Akanksha is now working as a global supply planning specialist for Mattel. She says the best part about her program was its holistic approach.

"If you love logistics, that's great, but you're still not getting by unless you see how it's connected to after-sales support. And finance. And R&D. And international affairs. And technology. It's all about the big picture."
Entrepreneurship

160+ companies have launched based on ASU innovations, attracting more than $833 million in external funding.

#12 among universities worldwide for U.S. patents issued.

980 U.S. patents issued in 2020.

306 invention disclosures in 2020.

Projects

Neolight
theneolight.com
A team of ASU alumni, including several students from India, transformed an idea into a medical tech startup called Neolight. Neolight develops phototherapy devices to treat jaundice in newborns. The condition is easily treatable, but access to devices and electricity is scarce in developing countries. Neolight offers a compact LED device that can run on solar power to make treatment more practical and save lives.

Renewlogy
Alicia Marseille, director of innovation in the Julie Ann Wrigley Global Institute of Sustainability, was director of the Resource Innovation and Solutions Network Incubator at ASU from 2017 to 2019. There, she worked with 16 early-stage companies. One of those startups is Renewlogy, which takes low-value packaging like granola bar wrappers and turns it into diesel. According to Marseille, the company will soon build a microfactory in India to work with garbage pickers there, most of whom are women.
Entrepreneurial leaders at ASU

Sethuraman “Panch” Panchanathan in June 2020 was appointed by U.S. President Donald Trump as the 15th Director of the National Science Foundation. Panchanathan previously spent more than 20 years in leadership positions at ASU, including service as executive vice president of ASU’s Knowledge Enterprise and chief research and technology officer for ASU. He is officially on an extended leave of absence from the university as he devotes his time to advancing the U.S. science and technology agenda on a national and global scale.

Regents Professor Aditi Chattopadhyay is the Ira A. Fulton Chair Professor of mechanical and aerospace engineering in the School for Engineering of Matter, Transport and Energy and the director of Adaptive Intelligent Materials and Systems Center at ASU. She is a fellow of the American Institute of Aeronautics and Astron.

Regents Professor Vijay Vittal is an ASU Foundation Professor in Electric Power Systems in the School of Electrical, Computer and Energy Engineering. He is an elected fellow of the National Academy of Engineering and IEEE. His expertise is in the field of large-scale power grids — the transmission, distribution and security of energy infrastructure, including smart-grid and renewable energy technologies. One of his pioneering contributions has been the development of methods for dealing with fluctuations on the power grid due to renewable energy sources.
Academic partnerships in India

6
General collaboration agreements
University-to-university agreements seeking a broad variety of collaboration opportunities across both institutions.

1
Dual degree program agreement
Dual degree plans of study allow students to earn two degrees at the same time.

2
International accelerated degree program agreements
Accelerated plans of study for master’s degrees.

University partners
1. Amity University
2. Anant National University
3. GD Goenka University
4. People’s Education Society University
5. Ramaiah University of Applied Sciences
6. Vellore Institute of Technology
South Asia Council at ASU
ASU is an institutional member of both the American Institute of Indian Studies, and the American Institute of Pakistan Studies and regularly partners and collaborates with colleagues in South Asia for a variety of research and programmatic projects. Members include:

Yasmin Saikia, Hardt-Nickachos Chair in Peace Studies at the Center for ASU’s Study of Religion and Conflict and a professor of history in the School of Historical, Philosophical and Religious Studies. Her work focuses on the histories of memory and identity; women, war, and peace; and histories of premodern and contemporary South Asia.

Chad Haines, associate professor in the ASU School of Historical, Philosophical and Religious Studies and the School of Politics and Global Studies and the Center for the Study of Religion and Conflict. He is a cultural anthropologist whose interests are broadly concerned with urbanism, modernity and the contemporary Muslim world.

Rimjhim Aggarwal, associate professor in ASU’s School of Sustainability, the first school of its kind in the U.S. Her current research examines the impacts of globalization and climate change on agricultural and water governance, farm livelihoods, and food security in India, Nepal, Thailand and Arizona.

Saikia’s and Haines’ partnerships and work
Professors Saikia’s and Haines’ partnerships in India include a collaboration with Aligarh Muslim University and the University of Science and Technology, Meghalaya. They have held workshops on both campuses for faculty and graduate students for research development and have recently submitted a research proposal in collaboration with AMU through the SPARC program initiated by the Government of India. Additionally, Professor Saikia works with the Indian Institute of Technology Gandhinagar to develop new courses for teaching social sciences and humanities at the graduate level. Both professors have applied for a Global Initiative for Academic Networks grant to facilitate these efforts.

Aggarwal’s partnerships and work
In her partnership with Amrita University in Kerala, India, Professor Aggarwal has co-developed a joint course in sustainability development to be offered at ASU and Amrita University in 2020–21. She has also supported Fulbright India scholars, teaching and research with the Indian Institute of Technology in Delhi. Her research efforts and partners have included NGOs, including Integrated Research and Action for Development, Delhi; Foundation for Ecological Security; and Center for Environmental Education, Ahmedabad. In addition, she co-led a team from ASU that designed a joint program with Jain Irrigation Systems Limited, organizing international leadership training programs for more than 300 youth from more than 25 countries from 2012 to 2016.
Academic partnerships and programs

School of Human Evolution and Social Change
In collaboration with the International Alliance for the Prevention of AIDS, this program provides a unique global health volunteer internship in Chennai, India to ASU students. This summer internship program allows students to gain hands-on experience in the field of global health through teaching HIV/AIDS prevention in classrooms in rural villages and working with other organizations in the community.

Exchange Program — USAC: Summer in Bengaluru, India
Exchange programs to Bengaluru, India, known as the “Garden City” and the hub of India’s technology and business revolution, allow students to study at one of India’s finest educational institutions, Christ University, and volunteer at the Center for Social Action, a student-run service organization. Students also have the opportunity to enjoy cultural immersion activities, such as volunteering in a local village or helping in a nearby hospital. Students are also paired with Indian “buddies” to help orient them to the university and its surrounding areas.

SCETL Leadership and Service Global Intensive Experience: India
Students in this leadership program participate in peer-to-peer workshops with students from Delhi University and Mayo College in Ajmer. Students have the opportunity to develop and implement a service project with a partner NGO in rural Rajasthan to embody Mahatma Gandhi’s exhortation to “be the change you wish to see in the world.”

International Accelerated Degree Programs with People’s Education Society University
ASU works with leading international partner universities to offer IADPs that allow motivated Indian students to earn undergraduate degrees from their home universities and complete one-year master’s degrees at ASU. The W. P. Carey School of Business and the PESU established two IADP collaborative degree programs.

Margaret Zheng
SCETL Leadership and Service in India
Biological Sciences and Chinese Language

“Going to India helped me gain a new understanding of the philosophy that stands behind nonprofit work. This trip solidified my future goal of wanting to work in the nonprofit sector. Having the Boren Scholarship allows me to have first-hand experience regarding the issues I’m trying to address and resources that can help me implement solutions.”
Research funding

2017–2020 papers co-authored by ASU and India researchers

Two recent awards for research in India totaled $7,116,796 in funding, from USAID and the National Science Foundation.

One of these, the India Support for Teacher Education Program, engaged 110 teacher educators from India in professional development at ASU’s Mary Lou Fulton Teachers College. Their experience with In-STEP included intense study, mentored teaching and leadership development, engagement in research, and immersion in ASU classrooms and Arizona’s diverse K–12 schools.

PAS New Delhi Internationalizing Indian Universities

In 2020, a small U.S. Department of State grant, “PAS New Delhi Internationalizing Indian Universities,” focuses on helping Indian universities define and execute on an internationalization strategy that will make their services and their programs more attractive to international students. Punya Mishra with Mary Lou Fulton Teachers College, and Minu Ipe with ASU’s University Design Institute, are serving as leads. The grant funds the delivery of an ASU MOOC, an ASU workshop in Delhi for 40 Indian universities hosted by the Indian Institute of Technology, and follow-up visits to five institutions.

252 co-authored papers with 153 collaborating institutions from 2017 to 2020.

Computer science (6.6%)
Physics and astronomy (15%)
Environmental science (8%)
Chemistry (7.6%)
Materials science (9.5%)
Other (11%)
Engineering (9.3%)
Energy (3.9%)
Earth and planetary sciences (7.8%)
Agricultural and biological sciences (3.5%)
Social sciences (4.9%)
Biochemistry, genetics and molecular biology (5.1%)
Chemical engineering (3.7%)
Mathematics (4.1%)

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Featured faculty

Subbarao Kambhampati is a professor in ASU’s School of Computing, Informatics and Decision Systems Engineering. In 2019, he was elected to the Association for Computing Machinery, the world’s largest educational and scientific computing society.

Meenakshi Wadhwa is the director of the School of Earth and Space Exploration at ASU. She is also a collaborating scientist on the Sample Analysis at Mars instrument on the Mars Curiosity Rover and a science team member on the Japanese Hayabusa2 sample return mission to asteroid Ryugu.

Arunachala Kannan is a professor in ASU’s Ira A. Fulton Schools of Engineering. He has been involved in fuel cell and battery research and development for more than 30 years.

Tanmay Vachaspati is a theoretical physicist at ASU. He has written extensively on topological defects with an emphasis on cosmic strings, and on the generation, evolution and observation of primordial magnetic fields.

Minu Ipe is the Knowledge Enterprise Architect and senior fellow for Leadership and Institutional Design at ASU, where she advises the university president and helps advance the design and culture of ASU.

Pavan Turaga is the interim director of the School of Arts, Media and Engineering in ASUs Herberger Institute for Design and the Arts, and an associate professor in the School of Electrical, Computer and Energy Engineering. He specializes in trying to find ways to revolutionize how machines learn and think. Last year, he won a $1.2 million grant from the National Institutes of Health to research wearable technology.
#1 in the U.S. for innovation
ASU ahead of MIT and Stanford
—U.S. News & World Report, 4 years, 2015–2018

#1 in the U.S. for global impact
#5 in the world
—times higher education