

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.

**#1 in the U.S.
for innovation**
ASU ahead of MIT and Stanford
—U.S. News & World Report, 6 years, 2016–2023



**#1 in the U.S. and
#2 in the world
for global impact**
Ahead of MIT, New York University and Penn State
—Times Higher Education, 2022

Welcome

We are proud that ASU is the academic home of more than **6,640 students from India** and that the university has impacted the lives of more than **14,990 alumni from India**.

We are committed to helping our students succeed – not just academically, but throughout their lives – and be prepared for a rapidly changing world in which 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 solution-focused approaches to research, education and entrepreneurship.

We look forward to working with you to empower the workforce and leadership through discovery and impact.

Warmest regards,

Julia Rosen

Vice President of Global Academic Initiatives
Office of University Provost



Student enrollment

2022



India is the top country of origin for international students enrolled at ASU.

6,648

students from India enrolled at ASU in fall 2022

1,289

undergraduate students

5,359

graduate students

63.5%

increase in enrollment between fall 2021 and fall 2022

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.



Vivin Paliath

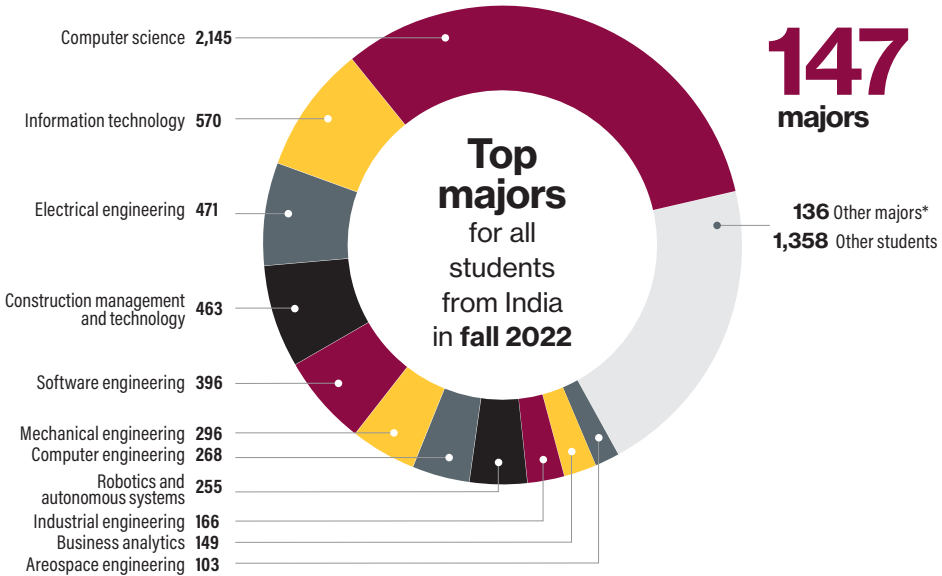
Computer science program, PhD
Arizona Army National Guard veteran, Pat Tillman Scholar (2018)

Vivin is an immigrant from India who grew up in Oman before moving to California. He did a one-year tour in Baghdad with the Army before starting his PhD program at ASU. He is building up software for cybersecurity and threat intelligence, and he plans to research the application of artificial intelligence and machine learning.

Student enrollment

2022

Top ASU programs chosen by students from India in 2022



* The remaining 136 majors

include user experience, global management, technology, business data analytics, finance, architecture, and biological sciences.



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. ”

Student stories

Ananay Arora

Computer science, BS, MS



During the completion of his BS, Ananay's many successes included his founding of the Google Developers Student Club at ASU. The club serves as an additional resource that teaches software engineering skills to students. He also completed two internships with Apple and additionally worked as a researcher in ASU's Luminosity Lab and in the Laboratory of Security Engineering for Future Computing. In fall of 2022, Ananay returned to ASU and the Luminosity Lab to complete his master's degree in computer science as part of ASU's accelerated 4+1 program and to continue work as a researcher in the School of Computing and Augmented Intelligence, one of the seven Fulton Schools.

“ Going forward, I aim to build and ship great products to customers. I'm already grateful to Apple and Luminosity for giving me those engineering and management skills in order to facilitate that. I am also grateful to have worked as a software engineer and learned from the best engineers in the industry. I aspire to work at a big tech company, pursue entrepreneurship in the future and share what I've learned the community. ”

Nivedita Mahesh

Astronomy, PhD



Mahesh says she was encouraged by her family, teachers and mentors to follow her lifelong passion for science. She is a NASA Future Investigators in NASA Earth and Space Science and Technology Fellow and was awarded a three-year grant for her research on a lunar radio prototype array for exoplanet and cosmology studies. She joins Caltech as the David and Ellen Lee Postdoctoral Fellow where she will work with the Long Wavelength Array at Owen's Valley in California to search for signatures from our early universe.

“ I loved how at SESE learning something new was an everyday thing for me – it wasn't just in classrooms – it was the amazing coffee talks, discussions at happy hour and lab meetings. I learned the importance of networking, exchanging ideas and learning from my peers, and SESE/ASU made that easy for us. ”

Student stories



Shreeshiv Patel

Computer science, MS

Shreeshiv says his decision to study at Arizona State University was motivated by the emphasis on innovation and entrepreneurship in many of the university's degree programs. He founded the Hacker Devils, a competitive ASU coding club, and the skills he has learned at ASU will enable him to develop and build technology that can have broad and meaningful impacts.

“ At ASU, I have had the opportunity to meet more people and to maximize my potential. My long-term career aspiration is to start my own venture capital funds. I believe this will enable me to partner with many startups that will bring good changes to the world. Choosing ASU is one of the best decisions that I have made. ”



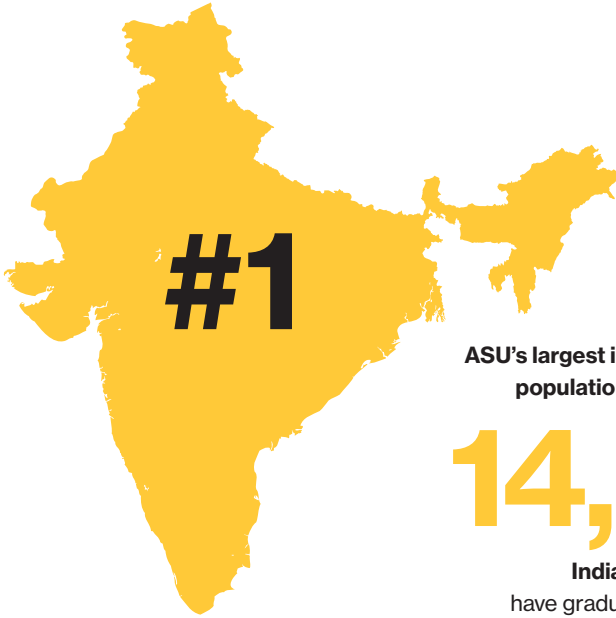
Siva Pooja Ramachadran

Dance, MFA

Originally from Coimbatore, Tamil Nadu, Siva first studied mechanical engineering in India, considered pursuing an MBA and then realized engineering was not her true passion. With her MFA degree, she's now living in India again and working to slowly build a nonprofit organization focused on examining traditions and understanding culture.

“ It comes from my project and looking at questioning the traditions that we come from – not questioning in the sense to critique it but to really understand,” Pooja Ramachadran said. “I want the organization to be a place where individuals come and try to understand themselves and understand the culture that they are a part of. ”

Alumni



ASU's largest international alumni population is from India.

14,981

Indian alumni
have graduated since 1981

ASU alumni chapter

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

ASU Thunderbird alumni chapters

In addition to alumni chapters in the cities of Bangalore, Chennai, Hyderabad, Mumbai and New Delhi, the Thunderbird School of Global Management established a Center of Excellence in Mumbai, India, in 2021, designed to recruit students, build academic partnerships and engage alumni.

#1

country of origin
for international alumni of ASU
between 2012 and 2023

2,280

alumni living in India

9,914

students from India
have become ASU alumni since 2012

Alumni



Sayantan Mukherjee

Linguistics and applied linguistics, PhD

Sayantan 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 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

Originally from 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



200+

companies have launched
based on ASU innovations,
attracting more than

\$1.2 billion

in external funding

#8

among universities
worldwide for U.S.
utility patents issued

1,400+

U.S. patents
issued
by 2022

305

invention
disclosures
in 2022

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, thereby 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



Aditi Chattopadhyay

Regents Professor, Ira A. Fulton Schools of Engineering

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 Astronautics.



Sethuraman "Panch" Panchanathan

Professor, Ira A. Fulton Schools of Engineering

Panchanathan 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.



Binil Starly

Professor, Ira A. Fulton Schools of Engineering

Starly is the director of the School of Manufacturing Systems and Networks. Starly, who was named one of the 20 most influential professors in smart manufacturing by the Society of Manufacturing Engineers in 2020, works to build core competencies in advanced manufacturing processes, cybermanufacturing and operations engineering, digital factories, and robotics and automation at ASU. Starly was awarded a National Science Foundation CAREER Award for his contributions to smart manufacturing.

Entrepreneurial leaders at ASU



Vijay Vittal

Regents Professor, Ira A. Fulton Schools of Engineering

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.



Meenakshi Wadhwa

Foundation Professor, The College of Liberal Arts and Sciences

Wadhwa is the director of the School of Earth and Space Exploration. She is a planetary scientist and educator interested in the time scales and processes involved in the formation and evolution of the Solar System and planets. She is a collaborating scientist on the Sample Analysis at Mars suite of instruments onboard NASA's Mars Laboratory rover, Curiosity. Wadhwa is also a science team member on the Japanese Hayabusa2 sample return mission to asteroid Ryugu. Wadhwa was awarded the J. Lawrence Smith Medal of the National Academy of Sciences in 2021.

Academic partnerships in India

1

ASU-Cintana Institution

Comprehensive partnership with multiple levels of engagement

12

General collaboration agreements

University-to-university agreements

5

Collaborative degree programs

International accelerated degree programs

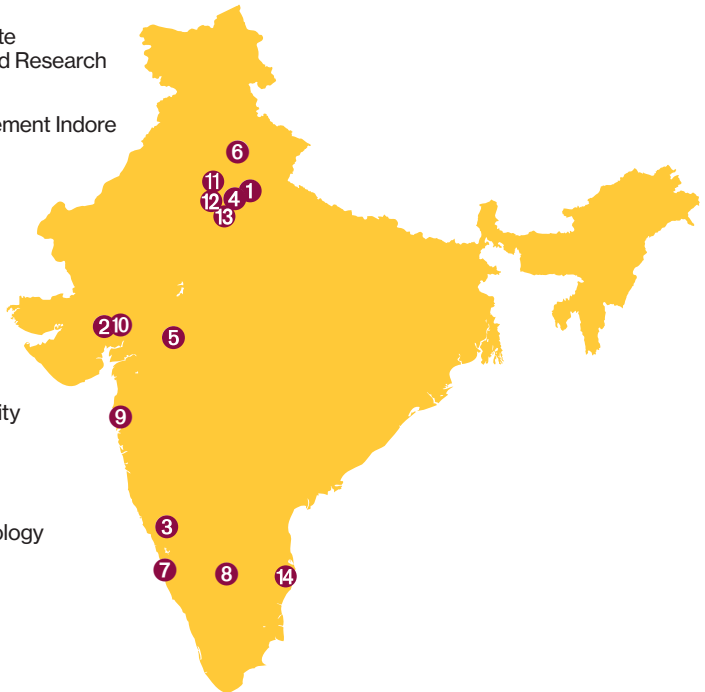
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Memorandum of understanding

Signed agreements between universities

University partners

1. Amity University
2. Anant National University
3. Chhatrapati Shahu Institute of Business Education and Research
4. GD Goenka University
5. Indian Institute of Management Indore
6. Indian Institute of Technology Roorkee
7. Manipal Academy of Higher Education
8. M.S. Ramaiah University of Applied Sciences
9. Narsee Monjee Institute of Management Studies
10. Nirma University
11. O.P. Jindal Global University
12. Sushant University
13. The NorthCap University (ASU-Cintana Alliance)
14. Vellore Institute of Technology



Academic partnerships and programs

ASU-Cintana Alliance: Northcap University

Beginning as a private engineering college, The NorthCap University has transformed over the last 25 years into a multidisciplinary university offering degree programs in engineering, applied sciences, management, liberal arts, and law. NCU has produced over 11,000 successful alumni and is ranked in the top 200 Indian universities in 2020 (National Institutional Ranking Framework) and the No. 1 private engineering school in the state of Haryana, India.

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.

Dual Degree Program with Vellore Institute of Technology

The 2+2 international academic program developed by the W. P. Carey School of Business and Vellore Institute of Technology allows students to study two years at VIT and two years at ASU to receive their undergraduate degrees from both institutions.

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 local students to help orient them to the university and its surrounding areas.

O. P. Jindal Global University

ASU works with leading international partner universities to offer accelerated international pathway programs that allow motivated Indian students to complete one-year master's degree at ASU. Thunderbird School of Global Management and JGU established three IADP collaborative degree programs.

Academic partnerships and programs

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.

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."

School of Human Evolution and Social Change

In collaboration with the International Alliance for the Prevention of AIDS, this program provides ASU students with a unique global health volunteer internship in Chennai, India. 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.

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. Council 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.

Academic partnerships and programs

Global initiatives

The Francis and Dionne Najafi Global Initiative

The Francis and Dionne Najafi Global Initiative contributed \$25 million to the Thunderbird School of Global Management for an accredited online certificate program, Global Management and Entrepreneurship, consisting of five world-class courses in 40 languages available worldwide. Of the 100 million learners Thunderbird intends to educate by 2030, it is estimated that 70% will be women. Never before has such an ambitious global higher education

program been launched. The certificate will be covered by full scholarships; there is no cost to students because of the philanthropic support undergirding the initiative. In year one, the initiative aims to reach learners in their native languages in Iran, Kenya, Mexico, Indonesia, Egypt, India, Senegal, Brazil, and Vietnam. By year two, the program will be expanded to at least 25 languages across Africa, the Middle East, Asia and Latin America. By year four (perhaps earlier), the program will have expanded to Europe and Central Asia and comprise 40 languages.



Margaret Zheng

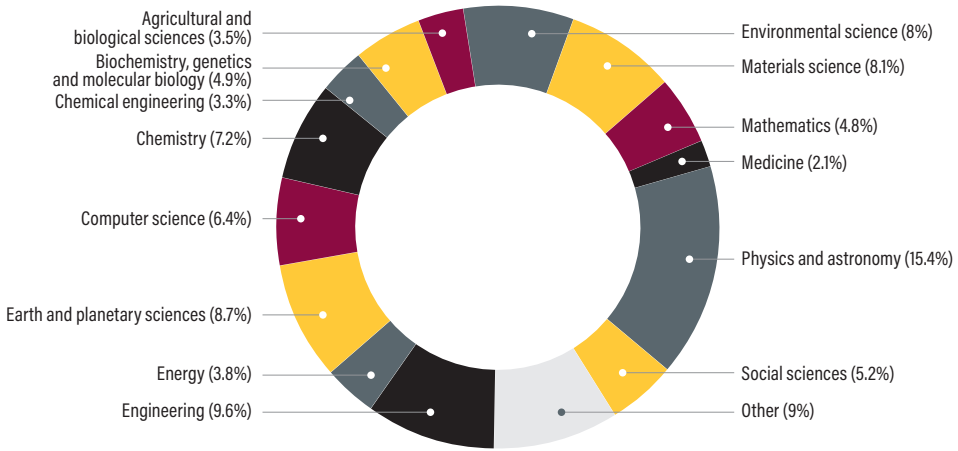
Biological sciences, Chinese language, supply chain management, BS SCTL Leadership and Service in India

“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 allowed me to have first-hand experience regarding the issues I'm trying to address and resources that can help me implement solutions.”

Research funding

2018–2022 papers co-authored by ASU and India researchers

Papers can be mapped to multiple subject areas.



381

**papers were co-authored with 202 collaborating institutions
between 2018 and 2023**

More than

\$6.4 million

in funding, for 18 grant awards in the last 10 years

Six current grant awards from the U.S. and India support ASU researchers' projects in India. Funders include the National Endowment for the Humanities, the National Science Foundation, the Alfred P. Sloan Foundation and Tata Steel. The projects support an Indian Energy Law project, the examination of carbon capture in the Southeast Indian Ocean and an analysis of steel to the study of primate and mammalian evolution and an assessment of the partitioning of peoples within South Asia.

Featured faculty



Uttaran Dutta

Associate Professor, The College of Liberal Arts and Sciences

Dutta studies creative ways to address development, health and social disparity issues. His research focuses on sustainable development and social change in marginalized communities, analyzing the importance of culture, communication, design and innovation in transforming the lives of people who are socially, politically and economically poor. In all his work, local participants are the key forces in identifying and developing cost-effective solutions using local resources. In one project, he is developing a computer application for illiterate people in rural India to access useful information regarding local weather, employment, education and other basic services such as healthcare. In another project, he has collaborated with local people to construct a mini-hospital, library-cum-museum and a protection-wall to save sacred environmental resources in remote indigenous villages in eastern India.



Minu Ipe

Managing Director and Vice Chair, University Design Institute

Ipe advises the university president and helps advance the design and culture of ASU. At UDI, Ipe brings her expertise in organizational design, leadership and culture to partner with higher education leaders to co-design solutions that enable universities to be more relevant, successful and sustainable.

Featured faculty



Subbarao Kambhampati

Professor, Ira A. Fulton Schools of Engineering

Kambhampati is a professor in ASU's School of Computing and Augmented Intelligence. Kambhampati studies fundamental problems in planning and decision making, motivated in particular by the challenges of human-aware AI systems. In 2019, he was elected to the Association for Computing Machinery, the world's largest educational and scientific computing society.



Arunachala Mada Kannan

Professor, Ira A. Fulton Schools of Engineering

Kannan is a professor in the Polytechnic School at ASU. He has been involved in fuel cell and battery research and development for more than 30 years.



Lalitha Sankar

Associate Professor, Ira A. Fulton Schools of Engineering

Sankar is an associate professor in the School of Electrical, Computer and Energy Engineering and renowned cybersecurity researcher. Her interests include information privacy and secrecy in distributed and cyber-physical systems, wireless communications, network information theory and its applications to model and study large data systems. She was awarded the National Science Foundation CAREER award in 2014 for her project on privacy-guaranteed distributed interactions in critical infrastructure networks such as the Smart Grid.

Featured faculty



Pavan Turaga

Professor, Ira A. Fulton Schools of Engineering
Professor, Herberger Institute for Design and the Arts

Turaga is the director of the School of Arts, Media and Engineering and a professor in the School of Electrical, Computer and Energy Engineering. He specializes in trying to find ways to revolutionize how machines learn and think. He received a \$1.2 million grant from the National Institutes of Health to research wearable technology.



Tanmay Vachaspati

Professor, The College of Liberal Arts and Sciences

Vachaspati is a theoretical physicist working at the intersection of particle physics, astrophysics, general relativity and cosmology. He has written extensively on topological defects with an emphasis on cosmic strings, and on the generation, evolution and observation of primordial magnetic fields.



Ravi Kiran Yellavajjala

Associate Professor, Ira A. Fulton Schools of Engineering

Yellavajjala is an associate professor in the School of Sustainable Engineering and the Built Environment. His expertise lies in the broad areas of damage mechanics and data-driven structural engineering. His research program aims to improve civil infrastructure's resilience by employing novel building materials. He received a 2021 National Science Foundation CAREER Award for his efforts in connecting Native American communities with engineering education.

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— U.S. News & World Report, 3 years, 2016–2023

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— Times Higher Education, 2022

