1st Private University

authorized by the Tamil Nadu
State Government in 90 years

Why Shiv Nadar University Chennai?

Be ready for tomorrow's world

The impact of AI, Data Science and IOT in transforming the workplace of the future is undeniable. Future workforce requires individuals who can work closely with technology & data to solve complex problems in various industries. Projected demand for AI, Data Science and IoT professionals by 2030 will be 3.5 million*. The demand for Cyber Security experts to protect networks & data against the ever-growing threat of malicious intrusions is exploding. Our B.Tech programs are specially designed to make you excel in Big Data Analytics, AI, IoT & Cyber Security, by fusing deep academic knowledge with practical purpose. What we are creating with our learning-by-doing approach are future data scientists, software engineers and analysts, readying them for solving challenges of tomorrow..

State of the art campus

Spread over 100 acres of academic and co-scholastic infrastructure, the campus at Shiv Nadar University Chennai is designed to provide its incoming batches with opportunities to learn, interact, play and grow into creative, curious and innovative individuals. The campus has a world-class library, high-speed Wi-Fi, cutting-edge research and computing facilities, and an auditorium with a capacity of 1000 seats.

The sports facilities on the campus include a football ground, cricket stadium, and indoor sports complex with basketball, squash, and badminton courts. On-campus accommodation is built around the convenience and comfort of the students and comprises separate hostel facilities, including options for air-conditioned rooms, for boys and girls along with dining facilities.

Legacy of excellence

We are a part of the Shiv Nadar Foundation, one of the largest philanthropic foundations in India which has invested over INR 10,000 crores in centers of excellence in education. More than 40,000 students and alumni from these institutions are placed with leading global conglomerates and studying at international universities. It is this legacy that Shiv Nadar University Chennai intends to carry on by becoming a magnet for talent from across the country. As a student of the university you become a part of this growing legacy and benefit from its rich academic heritage.

Hand picked, Highly Qualified and Dedicated Faculty

We understand the academic imperative of staying relevant in this fast paced and transformative world. Stay ahead of the curve as you learn from our distinguished faculty, most of whom have doctorates from top-ranked research institutions. Keeping the students' future readiness at the heart of teaching, the faculty members are responsible for creating a thriving climate of innovation at the university.
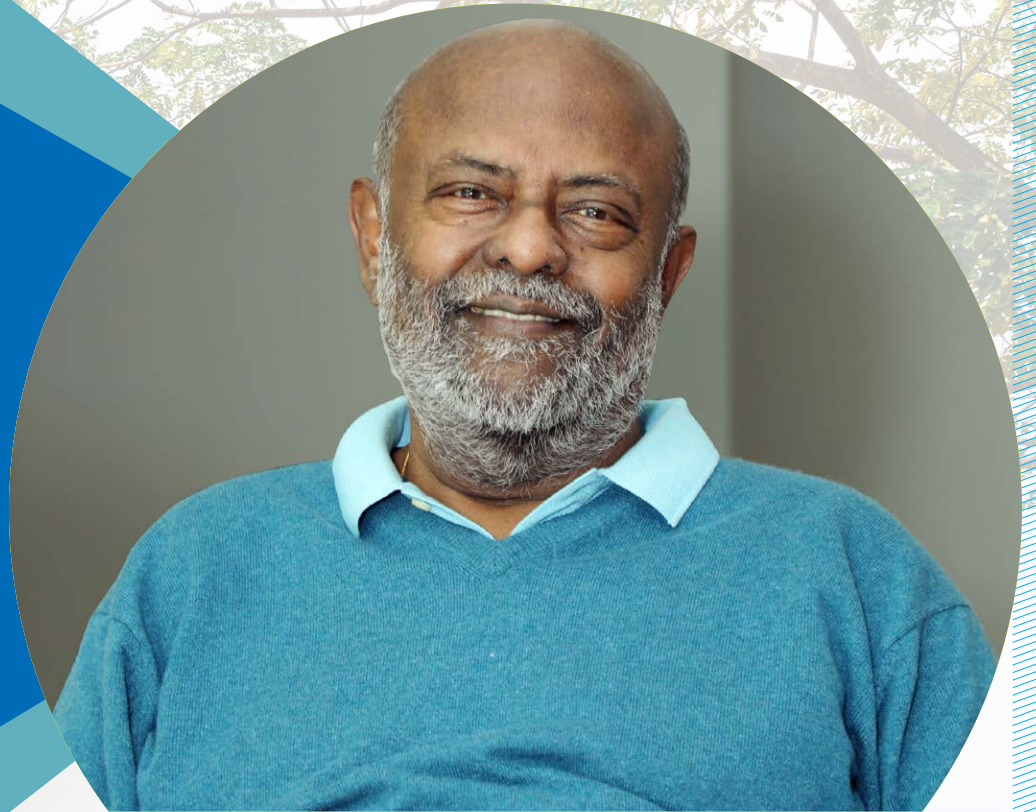
Generous Scholarships

Shiv Nadar University Chennai strongly advocates meritocracy and believes that quality education should not be at the mercy of financial status. To make our courses accessible to every deserving candidate who qualifies for admissions, we offer scholarships under several categories.

*Source: Nasscom https://nasscom.in/knowledge- center/ publications/talent-demand-supply-report-ai-big-data-analytics

Message from Mr. Shiv Nadar

The World Inequality Report, 2018 highlights the rapid pace at which inequality across the world is increasing. This is particularly an acute problem in India, where over 50% of the population is below the age of 25. Education is perhaps the single most important input which can narrow this gap,and the Shiv Nadar Foundation is designed to create enduring institutions which will assist bright young students in achieving their full potential.

The latest of these institutions is being created in Chennai. Chennai has been very dear to my heart, and one of the aspects that I appreciate most is the culture of excellence in education. The high density of brilliant minds makes it a logical home for a global institution. The philosophy of 'simple living, high thinking' establishes an environment where solid academic rigour and boundless curiosity gohand in hand. Shiv Nadar University Chennai will draw strength from and strengthen this culture, and spread it's light across the world.

Mr. Shiv Nadar
Founder - HCL
Chairman Emeritus & Strategic Advisor to the Board - HCLTech
Founder & Chairman - Shiv Nadar Foundation

Message from Mrs. Roshni Nadar Malhotra

At the Shiv Nadar Foundation (SNF) it is our belief that Education is the tool that can pave the way to success for bright minds from the remotest corners of the country. Over the last 30 years, SNF has been working towards nation building through transformational leadership which is created by delivering world-class academic opportunities to all sections of the society, including the most underprivileged.

As we move ahead, we are committed to further expand and improve our institutions and initiatives, ensuring access to quality education to all deserving individuals. Shiv Nadar University Chennai is our aspiration in that direction. It aims to become a globally renowned institution of excellence, committed to nurturing future leaders of India. This university has been set up to meet the global standards of higher education, while addressing the demands of an ever-evolving world.

As we begin this exciting journey, graduates of Shiv Nadar University Chennai will join the large SNF alumni base of over 30,000 who are already making their marks in various fields across the world. I am excited for this new beginning and the world of possibilities that we will create and achieve.

Mrs. Roshni Nadar Malhotra
Chairperson - HCLTech
Trustee - Shiv Nadar Foundation
Founder & Trustee - The Habitats Trust

Our Mentors

Prof C. Rangarajan is an Indian economist, a former Member of Parliament and 19th Governor of the Reserve Bank of India. He is the former Chairman of the Prime Minister's Economic Advisory Council. He is also the Chairman of the Madras School of Economics; President of the Indian Statistical Institute; the Founding Chairman of the CR Rao Advanced Institute of Mathematics, Statistics and Computer Science; and Chancellor of the University of Hyderabad.

Rangarajan taught at several institutions including the University of Pennsylvania and the Indian Institute of Management, Ahmedabad (IIM-A). He was a well-known teacher of economics at IIMA for the postgraduate and the doctoral courses. His textbook on macroeconomics was used in business management schools. He was awarded the title of Honorary Fellow of IIM-A in 1997.

In 2002, the Government of India awarded him the Padma Vibhushan, India's second highest civilian award. He served as a Deputy Governor of the Reserve Bank of India from 1982 to 1991, after which he served as the Governor of the Reserve Bank of India between 22 December 1992 and 21 December 1997. He also served as the Governor of Andhra Pradesh from 24 November 1997 to 3 January 2003. After demitting that office, he took charge as the chairman of the Twelfth Finance Commission.
From 2005 onwards, he was the Chairman of the Prime Minister's Economic Advisory Council. In August 2008, he resigned as the Chairman of the Prime Minister's Economic Advisory Council and was nominated as a member of the Rajya Sabha.[5] He resigned from the Rajya Sabha in August 2009 and was re-appointed the Chairman of the Prime Minister's Economic Advisory Council. He resigned from the Council on 19 May 2014.

While serving as the governor of Andhra Pradesh, he also received additional charges as governor of Odisha from 1998 to 1999 and as governor of Tamil Nadu from 2001 to 2002.

Prof. C. Rangarajan
Mentor - Shiv Nadar University, Chennai

Dr. Raj Reddy is the Moza Bint Nasser University Professor of Computer Science and Robotics in the School of Computer Science at Carnegie Mellon University. He was an Assistant Professor of Computer Science at Stanford from 1966-69 and a faculty member at Carnegie Mellon faculty since 1969. He served as the founding Director of the Robotics Institute from 1979 to 1991 and the Dean of School of Computer Science from 1991 to 1999.

Dr. Reddy's research interests include the study of human-computer interaction and artificial intelligence. His current research interests include: Technology in Service of Society, Voice Computing for the 3B semi-literate populations at the bottom of the pyramid, Digital Democracy, and Learning Science and Technologies. He is a member of the National Academy of Engineering and the American Academy of Arts and Sciences. He was president of the American Association for Artificial Intelligence from 1987 to 89.

In 1994, he was received the ACM Turing Award, the highest honor in Computer Science, for his contributions to the field of Artificial Intelligence. He served as co-chair of President Clinton's Information Technology Advisory Committee (PITAC) from 1999 to 2001. In 2006, he was the recipient of Vannevar Bush Award, the highest Award of the National Science Foundation in the United States, for "lifetime contributions to science and long- standing statesmanship in science and on behalf of the nation". Dr. Reddy was awarded the Legion of Honor by President Mitterand of France in 1984, Padma Bhushan by President of India in 2001, the Okawa Prize in 2004, and the Honda Prize from Japan in 2005.

Dr. Raj Reddy
Mentor- Shiv Nadar University, Chennai

University Leadership

Shiv Nadar University Chennai, that was once an idea is a reality now and the campus is now bustling with the sights and sounds of three batches of students pursuing new-age programs in Artificial Intelligence, Internet of Things, Cybersecurity, Commerce, Professional Accounting and Economics (Data Science) along with the students pursuing research leading to Ph.D. We have come a long way and I am optimistic about the future with more programs on the anvil and a diverse set of students thereby bringing life to our vision of becoming a choice destination for higher learning. Within a short span we have announced our success by bagging projects, winning competitions, conducting meaningful research, publishing in reputed journals, etc. I feel proud to see the achievements of both students and the faculty of SNUC. We are also expanding by creating more resources and infrastructure on campus for the programs that we have planned for. I think the positive lessons that the pandemic years taught us have made us wiser and stronger and will stay with us for many years to come.

Shiv Nadar University Chennai, is committed to the vision of the Founder Mr. Shiv Nadar, that students with merit must not miss the opportunity for world-class education for want of means. It will continue promoting cross-disciplinary education and research and nurture the active-learning community of the bright undergraduate students, inquisitive researchers, and distinguished academicians it has now and will have in the future on campus. We will also continue building on our pedagogical foundation of application-oriented learning thereby cementing our position as a global academic powerhouse that continuously caters to the demand of our ever-changing world for new knowledge-creation and creative thought leaders.

Mr. R. Srinivasan
Chancellor – SNU Chennai

Having commenced academic operations in 2021, am delighted to see the increasing goodwill and confidence bestowed upon Shiv Nadar University Chennai by parents and students with each passing year.

SNU Chennai is deeply committed to scholarly excellence. Our curriculum is modelled on global best standards with a strong emphasis on interdisciplinary research. This encourages collaboration among different schools, breaking disciplinary silos and giving students exposure to a broad-based academic structure. As we continue investing significantly into developing our research infrastructure and academic prowess, several globally renowned academicians have joined the ranks of our faculty. More importantly, our focus has always been on providing opportunities for holistic development of students, so that no matter what field they choose to pursue, they mature into socially responsible leaders in future. This vision is backed by a merit-based admission process. To realise our core objective of ensuring no deserving candidate misses out only due to financial constraints we provide scholarships to support the needy. The next few years will be a phase of hyper growth and activity for us as we continue to provide greater academic autonomy to our students with industry ready courses and set benchmarks across various spheres.

Dr. Kala Vijayakumar
Pro-Chancellor – SNU Chennai

"Education is the manifestation of perfection already in man", is a famous quote by Swami Vivekananda. Shiv Nadar University Chennai, set up by the University Act 2018 by TN Govt. as the first State Private University in Tamil Nadu, is ready to start its programs for the Academic year 2023 – '24 to nurture the young minds and to impart innovative education. Shiv Nadar University Chennai is committed to impart quality education and to produce quality human resources for the country. As the founding Vice-Chancellor, I am delighted to have an opportunity to nurture the young talents, to provide education to them.

Located in the sprawling campus of 230 acres at Kalavakkam, Chennai, the University is planning to emerge as a world-class University with the highest quality of education to produce knowledge leaders of tomorrow to fulfil the needs of the country.

With the objective of producing best-in-class human resources, the University has started with three schools namely the School of Engineering, School of Commerce & Management, and the School of Science & Humanities. Each of the Schools, equipped with the department will be offering programs in Computer Science & Engineering, Commerce and Economics. The academic curriculum is so designed as to give enough flexibility to the students to select programs cutting across the departments, in line with the National Education Policy 2020 (NEP).

The University is well set to create an academic ambience that will nurture the creative, young minds in a befitting manner and gives ample opportunities to express their cultural values and sportsman spirit through an environment, conducive to developing all-round abilities.

Prof. Sriman Kumar Bhattacharyya
Vice Chancellor – SNU Chennai

SHIV NADAR
UNIVERSITY
CHENNAI

Vision

A global University, focused on innovation, research, academic excellence and creativity to develop socially conscious leaders capable of addressing future challenges

Mission

Creation of a center of excellence in higher education at par with premier educational Institutions across World and develop programs in niche areas to impart quality education through innovative research so as to produce knowledge leaders of tomorrow.

About Shiv Nadar University Chennai

Shiv Nadar University Chennai is established by an act of the Tamil Nadu Legislative Assembly to promote, conceptualize and bring about a paradigm shift through the development of outstanding leadership, research, knowledge and ideas for education and allied development sectors. Shiv Nadar University Chennai is part of the Shiv Nadar Foundation that has a legacy of excellence of over 30 years in education with over 40,000 alumni & students and an investment of over Rs 10,000 crore in building world-class institutions.

Nestled in the city of Chennai, which is known for its intellectual environment, the University is appropriately located to collaborate with industry, academia and Government for co-creation of knowledge and career opportunities. The university with its on-campus research capabilities and the mindset to nurture individuals into problem-solvers of tomorrow is staged to become the epicentre of academic rigor and innovation.

The University has three Schools:

School of Engineering | **School of Commerce & Management** | **School of Science & Humanities**

The Department of Computer Science and Engineering in the School of Engineering offers the following programs:

UNDERGRADUATE PROGRAMS:

- ▶ B. Tech in Artificial Intelligence & Data Sciences
- ▶ B. Tech Computer Science and Engineering (Internet of Things)
- ▶ B. Tech Computer Science and Engineering (Cyber Security)

POSTGRADUATE PROGRAM:

- ▶ M. Tech. Artificial Intelligence and Data Science

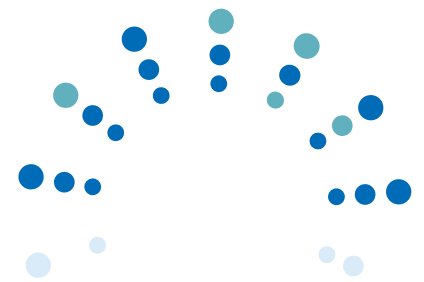**The Department of Commerce in the School of Commerce and Management has the following programs:**

- ▶ B. Com
- ▶ B. Com (Professional Accounting)

The Economics unit in the School of Science and Humanities offers one program:

- ▶ B.Sc. Economics (Data Science)

In addition to these undergraduate programs, all three Schools of the University are now offering Doctoral programs. Each program is designed to help talented students become successful, job-ready professionals or world-class academicians.

The Shiv Nadar University Chennai is a part of the Shiv Nadar Foundation. The Shiv Nadar Foundation is one of the largest philanthropic foundations in India and was established in 1994 by Shiv Nadar, Founder, HCL - a US$ 12.1 billion leading global enterprise. The Foundation has helped students to reach leading international institutions such as MIT, Harvard, CMU, Oxford, Johns Hopkins, Stanford, Virginia Tech, Purdue University etc. for higher studies. Graduates from the Foundation's institutions are working for global leading companies such as Amazon, Dell, Adobe, Microsoft, IBM, Google, Facebook, Apple, and many more.
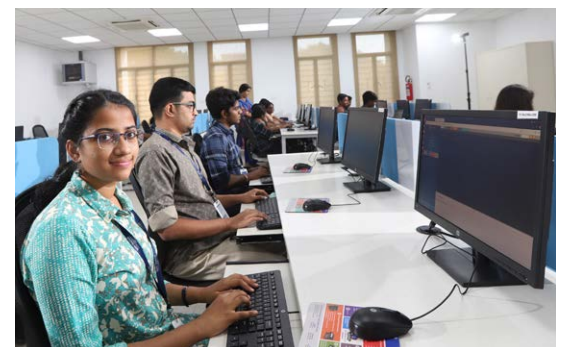
School of Engineering

Department of Computer Science & Engineering (CSE)

The Department of Computer Science & Engineering (CSE) in the School of Engineering at Shiv Nadar University Chennai offers futuristic programs that will enable the graduates to contribute effectively to the society of the future. The School offers three programs - B.Tech. Artificial Intelligence & Data Science, B.Tech. Computer Science & Engineering (Internet of Things), and B.Tech. Computer Science & Engineering (Cyber Security). These three programs are mutually reinforcing. The department acts as a launching pad for careers in these emerging areas that are expected to influence and impact the way the world will work in the coming decades. The Department focuses on creating future data scientists and analysts by enabling students not only to master the technology through education and research, but also by inculcating in them relevant industry specific skills through practical exposure to anticipate and learn newer ones as they emerge rapidly. The school has within its campus an ecosystem of learning by doing and is brimming with innovation, research and academic rigor.

B.Tech AI & Data Science

By 2025, it is estimated that 463 Exabyte of data will be created each day globally – which is equivalent of 212,765,957 DVDs per day! By using a combination of Artificial Intelligence and Data Science, businesses will increasingly base their decisions on the data derived. Artificial Intelligence and Machine Learning have made it possible to solve challenging problems in the area of image analysis, language translation and speech recognition with phenomenal accuracy. This has generated significant interest in devising and deploying AI and ML based solutions in most of the industry verticals. The program will aim at training the students through hands-on experience in deep learning and analytics generated by machines and their application in various industries such as Health-care, Finance, Retail, Energy, Manufacturing, Transportation, Pharmaceuticals, Agriculture and Education.

Program Highlights

- ▸ Inculcate strong mathematical foundations (Advanced probability & statistics)
- ▸ Rigorous practical skills in multiple programming language environments. (Python, Java, Machine learning, Data learning)
- ▸ Extensive knowledge in Artificial Intelligence & Big Data Analytics
- ▸ Semester long capstone project on a real life data analytics project

B.Tech CSE (IoT)

Internet of Things (IoT) is among the newest innovations in the area of Computer Science and Information Technology. It is estimated that by 2025, there will be 50 billion devices connected over the world wide web. IoT will have an enormous impact on how we interact with basic everyday objects. For those of you who have innovative thinking and creative abilities and are looking for an exciting environment driven by innovation, a career in IOT is quite promising. The program aims at tapping into your natural curiosity and problem solving abilities using technology and shaping it into relevant skills through in-depth knowledge impartment and hands-on problem solving experiences.

Program Highlights

- ▸ Practical skills in computer science, IoT, security, web technology, communication protocols, data management & application of intelligent algorithms.
- ▸ Development of IoT products and services alongside the devices for sensing, actuating, processing and intercommunication
- ▸ Application of Io Tinvarious sectors like Industry, Energy, Retail, Healthcare, Automation, Robotic Things, Green infrastructure etc.

B.Tech CSE (Cyber Security)

In a well-connected business ecosystem, strongly strategized cyber security practices are much sought after, to enable confidential computing. With a projected market size of 366.1 billion USD by 2028, there is an increasing need of cybersecurity professionals in sectors including banking, defence, financial services, retail, manufacturing, IT, and telecommunications. Our new program will aim at training our students across the five major verticals of cyber security including infrastructure, applications, networks, cloud, and IoT.

Program Highlights

- ▸ Comprehensive knowledge in cryptography, cybersecurity principles, cyber forensics, intrusion prevention mechanisms, cybercrime, cyber threats and vulnerabilities, AI for cybersecurity etc
- ▸ Impart practical problem solving skills, capability to investigate and utilize new technologies, security algorithms, and implementations.
- ▸ Introduce students to industry standard certifications, enabling them for placement opportunities as security analysts, architects, cryptanalysts, consultants, and solutions developer.

M.Tech AI & Data Science

The MTech (Master of Technology) program in Artificial Intelligence and Data Science (AI and DS) at Shiv Nadar University (SNU) Chennai offers specialization verticals, research areas, a comprehensive curriculum, and diverse career opportunities. The curriculum includes courses such as Data Science, Essentials of AI, Optimization Techniques, Advanced Data Structures and Algorithms, Evolutionary Computing, Reinforcement Learning, Computer Vision, Architectures for AI, and elective courses based on specialization. The program combines theory and practical applications.

Graduates have career opportunities as Data Engineers/ Scientists, Machine Learning Engineers, Data Analysts, Interactive Visualizers/Graphic Designers, Big Data Engineers/ Architects, Database Developers, Statisticians, and ML Intelligent System Researchers. Opportunities also exist in speech technology, computational biology, radiogenomics, IoT, blockchain technology, graph theory, and more.

Program Highlights

- Speech technology
- Artificial Intelligence and Machine Learning
- High-Performance Computing
- Computational Biology
- Radiogenomics
- Data Science
- Internet of things and Block Chain Technology
- Graph theory and its applications
- Fibreoptics and Silicon Photonics
- Machine Learning & Deep Learning Techniques
- Cognitive Neuroscience
- Disorder studies
- Computational Intelligence
- Computer Vision

School of Commerce & Management

Department of Commerce

The Department of Commerce offers two programs in the domain - Bachelor of Commerce (Professional Accounting) and a Bachelor of Commerce with specialization tracks. The former, through rigorous and systematic academic training, will make the students academically ready to appear for the Institute of Chartered Accountants of India (ICAI) examinations. Academic rigour combined with application in real-world situations will form the cornerstone of the programs offered by the Department. The programs focus on developing competencies in functional areas by developing in the students analytical skills and in-depth application of concepts, tools and techniques in solving real world problems.

Bachelor of Commerce (Professional Accounting)

A three year program, B.Com (Professional Accounting) is ideal for students who have made the decision to pursue a career in accounting. If you aim to acquire professional designations such as CA, CMA, CS ,this course is for you. Going a step ahead, we have benchmarked the program to ICAI Syllabus so that your career path ahead is a smooth one. It is expected that students will be in a position to take one or more levels of professional accounting exams prior to graduation, giving them an accelerated entry to the professional examinations. In addition, the students are required to take several electives to make them ready for workplace. Electives currently offered include Principles of Banking, Marketing Management, Project Evaluation and Management, Sustainable Finance, Business Analysis as well as skill based subjects like Advanced Tally and Advanced Excel.

Program Highlights

- Benchmarked to the CA syllabus (Foundation, Intermediate and Final examinations) of ICAI while fulfilling the requirements of UGC.
- Additional electives to make students ready for workplace.
- Adjunct faculty includes practicing CAs & CSs.
- Use of placement cell for getting articleship for qualified students.

Bachelor of Commerce

This program is designed for the students who wish to make a career in finance, banking, insurance, business development and credit analytics etc. – broadly in the financial sector. The program aims at making students well versed in contemporary commerce which includes the disciplines of accounting, quantitative methods, finance data analytics and data mining. The program with its unique experiential pedagogy of learning while doing, imparts the skill set and the competency required for students to become well rounded in analytical and financial domain and be able to apply and solve real world financial issues and problems.

Program Highlights

- Three tracks of specialization for in-depth knowledge. Current Specialization tracks are Analytics, Finance and Management.
  - **Analytics Track:** Specialization electives taught by Computer Science and Mathematics Dept faculty.
  - **Management Track:** Specialization electives taught by senior management professionals.
  - **Finance Track:** Specialization electives taught by highly qualified faculty of the department
- Teaching methods include lectures, case studies, group and Individual projects and simulations.
- Graduates will be fully equipped if they wish to pursue Professional programs like MBAs well as work in the financial sector.

School of Science & Humanities

The Economics unit of the School of Sciences and Humanities offers a BSc program in Economics (Data Science) as well as courses that enrich the programs offered by the two other schools. These courses not only provide a scaffolding for the students in different programs offered at the university, but also help students develop multidisciplinary perspectives. Through these courses, students develop a wider and deeper understanding and also hone their 21st century skills such as critical thinking, communication, creativity and collaboration.

B.Sc. Economics (Data Science)

The programme is a full-time 3-year Graduation programme which aims at creating a class of economists who will be equipped with skills that are highly sought in the job markets in India and abroad. The program is unique as it combines the triads of Economics, Data Science, and Finance. The rigour of theoretical framework is combined with the solving of real life problems. The societal issues, such as, unemployment, poverty, inequalities, various aspects of human development, etc., are also embedded in the curriculum so as to complement both the qualitative and quantitative aspects of developmental process.

Program Highlights

- Rigorous domain knowledge in Economics, Finance and Data Analysis
- Mathematical and statistical foundation, exposure to Artificial Intelligence and Data Science and programming skills, such as, R, Python, etc.
- Economic and Policy Modelling, Simulations and Forecasting, using econometric tools
- Developcriticalfacultytoanalysedataandpolicy.

Life At Shiv Nadar University Chennai

Clubs and Recreation

The campus life at the university is reflective of our ethos of diversity where you live, play, learn and interact with brilliants minds from within and neighboring communities. Students are encouraged to create new clubs and an array of opportunities for intellectual stimulation.

Sports Facility

With emphasis on fostering values such as leadership, teamwork, discipline and keeping overall wellness of the students in mind, the university provides the best-in-class sports facilities. These facilities boast of honing skills of Arjuna awardees R.Ashwin and Anaka Alankamony and many others state and national level players.
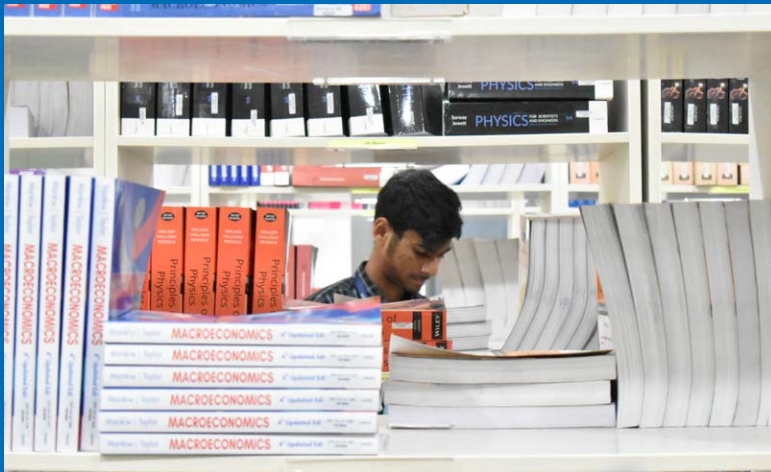
Hostel Life

The Hostel Life at Shiv Nadar University Chennai encourages camaraderie, a sense of belonging, team-spirit and promotes friendships & networks that will last long after you have crossed the portals of your Alma Mater and have ventured into the outside world as fresh Professions.

Academic Infrastructure

Students have a 24*7 access to cross-campus Wi-Fi, a well-stocked library, and state-of-the-art research and computing resources. They can supplement learning with a variety of interactive online courses.

Transport

Getting to the city is never a problem. The University supports day scholars staying in the city by providing regular bus services to and from the campus, extending to every corner of Chennai city.

Health & Wellness

The wellness of students is our priority and therefore the University provides the services of a resident campus doctor, along with round-the- clock emergency support, an extensively stocked campus pharmacy, and fitness clubs.

Our Faculty

School of Engineering

DR. T. NAGARAJAN
Professor and Head, Department of Computer Science and Engineering
- Experience: 30 yrs (Teaching: 23 yrs, Research: 7 yrs)
- Ph. D from IIT, Madras (2004)
- PDF, National Institute of Scientific Research, Montreal, Canada

DR. JIJI C. V.
Professor, Department of Computer Science and Engineering
- Experience: 36 yrs (Teaching, Research and Industry)
- B.Tech, University of Kerala
- M. Tech and Ph. D from IIT Bombay, Mumbai
- Post Doctoral, University of Trento, Italy
- Research Areas: Image Processing, Computer Vision, Computational Photography and Signal Processing.

DR. S. CHANDRAKALA
Professor, Department of Computer Science and Engineering
- Experience: 28 years (Teaching, Research and Industry)
- Ph. D from Indian Institute of Technology Madras
- M.Tech. Computer Science and Engineering, SASTRA University
- B.E. ECE, Thiagarajar College of Engineering, Madurai
- Research Areas: Artificial Intelligence, Machine Learning, Deep Learning applied to Speech & Vision and Generative AI

DR. SANTHI NATARAJAN
Associate Professor, Department of Computer Science and Engineering
- PhD, Indian Institute of Science, Bangalore
- Post-Doctoral Research, Indian Institute of Science, Bangalore
- Entrepreneur (ReneLife Pvt Limited)
- Experience: 21 years (ISRO, Network Sound Inc USA, Infosys, Academia)

DR. S. VIDHUSHA
Assistant Professor, Department of Computer Science and Engineering
- Experience: 12 years which includes over 8 years of research experience
- PhD from Anna University, Chennai
- M. E., Computer and Communication, SSN College of Engineering, Anna University
- B. E., Computer Science and Engineering, Anna University

DR. SUNDHARAKUMAR KB
Assistant Professor, Department of Computer Science and Engineering
- Experience: 4 years
- PhD from Anna University, Chennai
- M.Tech Information Technology, SSN College of Engineering
- B.Tech Information Technology, SSN College of Engineering

DR. VEERAMANI SONAI
Assistant Professor, Department of Computer Science and Engineering
- Ph.D from Indian Institute of Information technology Design and Manufacturing (IIITD&M) Kancheepuram, Chennai (2019)
- 14.4 years of Experience (9.8 years of teaching and 4.6 years of Research)

DR. G. ANUSHIYA RACHEL
Assistant Professor, Department of Computer Science and Engineering
- PhD in Speech Signal Processing, SSN College of Engineering, Anna University
- M.E. in Applied Electronics, SSN College of Engineering, Anna University
- B.E. in Electronics and Communication Engineering, Jerusalem College of Engineering, Anna University
- Experience: 4.5 years in teaching and 7 years of pure research experience

DR. SATHYANARAYANAN SRINIVASAN
Assistant Professor, Department of Computer Science and Engineering
- PhD from National Institute of Technology Warangal
- M.Tech Computer Science and Engineering from Pondicherry Central University
- B.Tech Information Technology from Anna University, Thirunelveli campus

DR. SURYA K
Assistant Professor, Department of Computer Science and Engineering
- 3 years of software industry experience and 6 years of research experience.
- Ph.D from Anna University Chennai.
- M.E Computer Science and Engineering from Agni College of Technology, Chennai.
- B.E Computer Science and Engineering from Thiagarajar College of Engineering, Madurai.

DR. U. PADMAVATHI
Assistant Professor. Department of Computer Science & Engineering
- Ph.D from National Institute of Technology Puducherry
- M.E (Computer Science & Engineering) from Annamalai University
- B.E (Computer Science & Engineering) from Annamalai University
- 12.4 years of Experience (8 years of teaching and 4 years of Research)

DR. ROHIT KUMAR
Assistant Professor, Department of Computer Science and Engineering
- Experience: 5.5 yrs
- PDF, Krea University, Sri City, AP, India (2022)
- PhD, DSPM-IIIT Naya Raipur, CG, India (2021)
- MTech, ABV-IIITM Gwalior, MP, India (2014)
- BTech, UPTU Lucknow, UP, India (2009)

DR. AMSAPRABHAA M
Assistant Professor, Department of Computer Science and Engineering
- Ph.D from Madras Institute of Technology (Anna University), Chennai
- M.E Computer Science and Engineering from Madras Institute of Technology (Anna University), Chennai
- B.E Computer Science and Engineering from Jeppiaar Engineering College, Chennai
- Research area : Medical Image Processing, computer vision, and Deep Learning

DR. DEBAJYOTI BISWAS
Assistant Professor, Department of Computer Science and Engineering
- Ph.D. from Indian Institute of Technology Madras
- M.S. from Indian Institute of Technology Madras
- Research area : Flexible Electronics and microelectronics, Sensors, Applications of ML in Electronics

DR. SHIKHA MARWAHA
Assistant Professor. Department of Computer Science & Engineering
- Ph.D. from Indian Institute of Technology Mandi
- M.Tech. from Guru Nanak Dev University Amritsar
- Research area: Silicon photovoltaics, microelectronics, and semiconductor devices

DR. SUBIN SAHAYAM
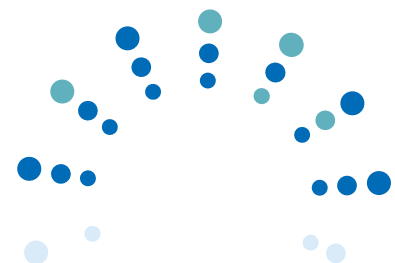Assistant Professor, Department of Computer Science and Engineering
- Ph.D. from Indian Institute of Information Technology Design and Manufacturing Kancheepuram (2023)
- M. E., Computer Science and Engineering, SSN College of Engineering, Anna University (2017)
- B. E., Computer Science and Engineering, University College of Engineering Nagercoil, Anna University (2015)
- Research area: Medical Image Processing, Deep Learning, Machine Learning, and Bioinformatics.
- Experience: 5 years Teaching Assistant for various courses namely, Data Structures and Algorithms, C Programming, Deep Learning, Pattern Recognition, Database Management Systems, and Computer Networks.

DR. V A KANDAPPAN
Assistant Professor, Department of Computer Science and Engineering
- Ph.D from Indian Institute of Technology Madras
- M.E Power Systems Engineering from College of Engineering Guindy, Anna University, Chennai
- B.E Electrical and Electronics Engineering from MEPCO Schlenk Engineering College, Sivakasi, Anna University Chennai
- Research area: High Performance computing, Scientific Machine Learning and Fast matrix algorithms.

School of Commerce & Management

CA. R. KRISHNAN
Senior Program Convenor, School of Commerce and Management
- Fellow Member of the Institute of Chartered Accountants of India
- M.S. (Stanford University, USA), PGDM (IIM, Ahmedabad), B.Com (University of Madras)
- Over 40 years of experience in India and abroad, in General Management, Financial Management, Management Consulting. Board level positions
- Teaches Financial Modelling and Business Analysis

DR. SAMPATH KUMAR
Senior Professor. School of Commerce and Management
- Over 25 years experience in commercial banking and over 20 years experience in academia
- B.A, B.G.L, M.Com, M.B.A, M.Phil., PhD
- Fellow Member of Institute of Cost and Management Accountants, Associate Member of the Institute of Company Secretaries of India, Certified Associate of Indian Institute of Bankers
- Teaching and Research in the areas of Banking, Commercial Laws and Finance

DR. ARINDAM BANERJEE
Associate Professor. School of Commerce and Management
- PhD from National Institute of Technology Durgapur (Management Studies-Finance)
- Fellow Member of Institute of Cost and Management Accountants and Certified Financial Planner (CFPCM)
- Author: Financial Management. Pub: Oxford University Press
- Author: Business Data Analytics. Study material for CMA Paper 11 (Intermediate). Pub: The Institute of Cost Accountants of India.
- Teaching and Research in the area of Financial Management, Investment Management and Behavioural Finance

DR. M S DEVI
Associate Professor, Commerce, School of Commerce & Management
- 13 years of Teaching & 9 years of Industry Experience
- B. Com, M.F.C (Master of Finance & Control), M.Phil. & Ph.D. (Finance), UGC NET
- Teaching and Research in the areas of Financial Management, Sustainable Finance and Management Accounting

DR. KAVITHA MENON
Assistant Professor, School of Commerce and Management
- PhD, M.Com, B.Com (all from University of Madras)
- Fellow Member of Institute of Cost and Management Accountants
- 15 years experience in academia
- Teaching and Research in the areas of Cost Accounting, Management Accounting and Financial Accounting

DR. (CS). AZHAGURAJA
Assistant Professor, School of Commerce and Management
- 9 years experience including teaching, industry and research
- Registered Independent Director of Indian Institute of Corporate Affairs (IICA)
- NET in Commerce, Management and labour welfare.
- Associate member of Institute of Company Secretaries of India (ICSI)
- M.Com (Business Finance), MBA (HRM), Ph.D (Commerce) from Pondicherry University.
- Teaching and Research in the areas of Corporate Laws, Governance and CSR

DR.R. ASHOK
Teaching and Research in the areas of Corporate Governance, Company Law, Business laws and ESG laws
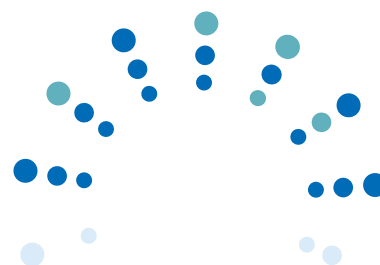**Assistant Professor, School of Commerce and Management**
- 11 years' experience including Teaching and Research
- B.Com & M.Com, M.Phil & Ph.D (All from University of Madras)

  Teaching and Research in the areas of Financial Accounting, Computerised Accounts and Finance

MR. A.V. RAM MOHAN
Adjunct Faculty, School of Commerce and Management
- B.Tech (IIT, Kharagpur), PGDM (IIM, Ahmedabad)
- Over 40 years experience in General Management and Management Consulting. Wide experience in IT and Automotive sectors. Board level positions
- Teaches Strategic Management

CA. G.P. KASTURI RANGAN
Adjunct Faculty, School of Commerce and Management
- Fellow Member of the Institute of Chartered Accountants of India
- Over 25 years experience in practice and teaching CA students
- Teaches Advanced Accounting and Financial Reporting

MR. R. NATARAJAN
Adjunct Faculty, School of Commerce and Management
- B.Tech (IIT, Madras), PGDM (IIM, Bangalore)
- Over 35 years experience in India and abroad . Wide experience in General Management and Supply Chain Management
- Teaches Operations Management and Supply Chain Management

CA. A.P. SRINATH
Adjunct Faculty, School of Commerce and Management
- Fellow Member of the Institute of Chartered Accountants of India
- Over 15 years experience in practice and teaching CA students
- Teaches Direct Taxes and Advanced Direct Taxes

School of Science & Humanities

ECONOMICS

PROF. PUSHPA TRIVEDI
Senior Professor, In Charge Economics
- 47 years of teaching and research experience of which 30 years at IIT Bombay; Institute Chair Professor, Department of Humanities and Social Sciences, IIT Bombay, (23-11-2015 to 22-11-2018), Head, Department of Humanities and Social Sciences, IIT Bombay (2017-2020)
- Guided 35 Ph.D. and 25 M.Phil. research scholars successfully.
- Research Studies conducted and published for the RBI and Government of Karnataka. Published extensively in national and international journals.
- Ford Foundation Post-Doctoral Research Fellow (1993-94) at International Finance Section, Princeton University, New Jersey, USA; Visiting Research Fellow (Jan-July 2002) at Insititute of Developing Economies-Japan External Trade Organization, Chiba, Japan.
- Director, Centre for Multi-Disciplinary Development Research, Dharwad, ICSSR institution under MHRD and Government of Karnataka.
- Visiting Professor, Department of Humanities and Social Sciences, Indian Institute of Technology Dharwad (July 1, 2021-June 30, 2022),
- Meghnad Desai Academy of Economics, February 15 to March 31, 2022.
- B.A., M.A. and Ph.D. in Economics: University of Mumbai

DR. SHRABANI MUKHERJEE
Associate Professor of Economics, School of Science and Humanities
- M. Phil and Ph.D from Centre for Economic Studies and Planning, Jawaharlal Nehru University
- M.A (Economics) Kalyani University
- B.Sc (Economics) Calcutta University
- Served as Consultant in The Economic Advisory Council of Prime Minister, GoI
- Served as Faculty in National Council of Applied Economic Research, Madras School of Economics
- Contributed to Fifth State Finance Commission Report for Tamil Nadu Govt and Uttar Pradesh Human Development Report, SDG Project of NABARD, Projects funded by SEBI, IDRC-Canada etc.
- 19 years of teaching and research experience

DR. ROHIT M
Assistant Professor, Department of Economics, School of Science and Humanities
- M.Phil and Ph.D from Department of Humanities and Social Sciences, IIT Bombay
- MA (Economics), Madras Christian College, University of Madras
- Commonwealth Scholar, Birkbec.k College, University of London
- Fulbright Fellow, Department of Economics, Cornell University

DR. PLEASA SERIN ABRAHAM
Assistant Professor, Department of Economics, School of Science and Humanities
- Ph.D from IIT Bombay
- M. Phil in Planning and Development from IIT Bombay
- MA Economics from University of Hyderabad
- BA Economics from Mahatma Gandhi University, Kerala
- 5 years of teaching experience.

DR. INDRANI SENGUPTA
Assistant Professor, Department of Economics, School of Science and Humanities
- Ph.D. from Jawaharlal Nehru University, New Delhi
- M.Phil. in Social Sciences from Centre for Studies in Social Sciences, Kolkata
- M.A. in Economics from Jawaharlal Nehru University
- B. Sc. (Hons) in Economics from Bethune College, Calcutta University
- 4 Years of teaching experience.

DR. CHAITANYA TALREJA
Assistant Professor, Department of Economics, School of Science and Humanities
- Ph.D from South Asian University, New Delhi
- MA (Economics) from Gokhale Institute of Politics and Economics, Pune
- BA (Hons.) Economics from University of Delhi

DR. SURYA NATH MAITI
Assistant Professor, Department of Economics, School of Science and Humanities
- Ph.D from Department of Economic Sciences, IIT Kanpur, Kanpur
- MA (Economics) from Banaras Hindu University, Varanasi
- BSc (Hons.) Economics from Scottish Church College, Calcutta University

DR. ASHUTOSH KUMAR DUBEY
Assistant Professor, Department of Economics, School of Science and Humanities
- Ph.D from Department of Economic Sciences, IIT Kanpur, Kanpur
- MSc (Industrial Mathematics and Informatics) from Department of Mathematics, IIT Roorkee, Roorkee
- BSc (Hons.) Computer Science from Banaras Hindu University, Varanasi

PHYSICS

DR. PRITA NAIR
Professor in Charge of Physics, School of Science and Humanities
- 23 years of teaching and 7 years R&D
- PhD from Indian Institute of Technology, Madras
- M Sc Physics from Cochin University of Science & Technology (CUSAT), Kochi.
- Recipient of Laskar Award for Best Thesis in Physics from IIT Madras
- CUSAT University rank holder in MSc Physics
- Recipient of Photonics Endowment Award for best device-based work carried out in India,2012
- Research Areas: Silicon Photonics, Biosensors, Acoustic metamaterials, MEMS, Fiberoptics

DR. SUDIPTA SOM
Assistant Professor in Physics, School of Science and Humanities
- 08 years of Postdoc experience from National Taiwan University, Taiwan
- 01 year of Postdoc experience from University of the Free State, South Africa
- PhD from IIT ISM Dhanbad, India
- 110 international publications and 35 conference papers
- 02 books and 07 book chapters
- h- index is 34 and i10 index is 75
- Research area: LEDs and display, Quantum dot and micro-LED, Optoelectronic devices, Solar Cell< Spectroscopy

DR. N.P. RAJESH
Professor in Physics, School of Science and Humanities
- 19 years of teaching and 5 years R&D
- PhD from Anna University, Chennai
- Guided successfully 14 Ph.D. scholars and 4 ongoing and 7 completed funded research projects from various funding agencies
- 120 international publications and 90 conference papers
- 01 book and 02 book chapters
- Fellow of Optical Society of India and Chennai Academy of Sciences
- Young Scientist Award from International Organisation for Crystal Growth 2001
- Career award for young Teachers (All India Council for Technical Education) 2004
- Young Researcher Award, Department of Science and Technology 2006
- Visiting Faculty – National Tsing Hua University Taiwan 2010
- Daiko Foundation Fellowship, Japan 2011

Our Faculty

DR. P. VENUGOPAL
Professor of Mathematics, School of Science & Humanities
- 27 years of teaching along with 15 years of research.
- Ph. D from University of Madras -Loyola College (Autonomous), Chennai
- B.Sc., M.Sc., M.Phil., from St. Josephs' College (Autonomous), Trichy
- Coauthored 3 books

DR. R. SUJATHA
Professor, Mathematics, School of Science & Humanities
- 26 years of teaching and research
- Guest Faculty - Bhabha Atomic Research Centre (BARC) training School, IGCAR Campus, Kalpakkam (2008-09,2009-10, 2010-11,2011-12, 2012-13, 2013-14).
- Guest Faculty - Madras Atomic Power Station, Kalpakkam (NPCIL) (2009-10, 2010-11).
- M.Sc. and Ph.D. from IIT, Madras
- M.Phil. From Ramanujan School for Advanced Study in Mathematics, University of Madras

DR. V. VEMBARASAN,
Assistant Professor of Mathematics, School of Science & Humanities
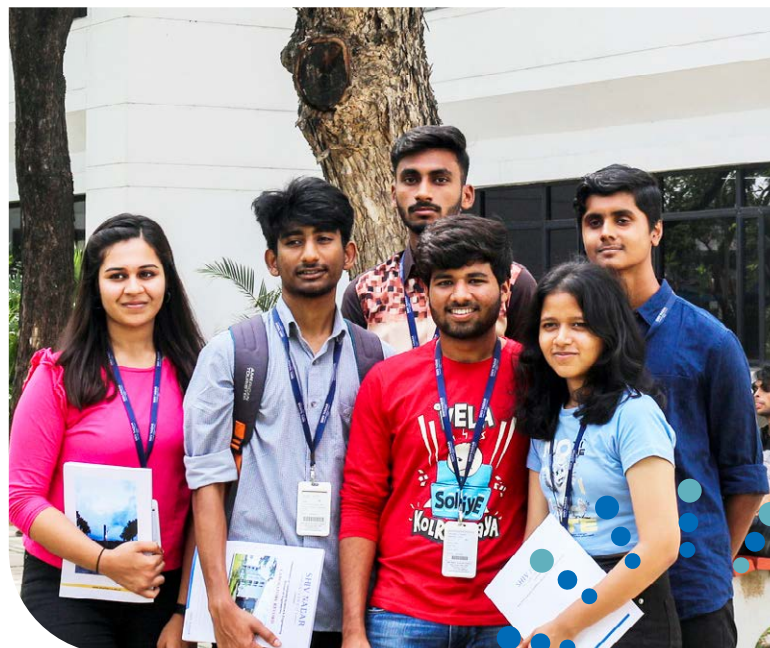
- 10 Years of Teaching and Research Experience.
- MSc Tech., (Industrial Mathematics with Computer Applications); MPhil; PhD in Mathematics from the Gandhigram Rural Institute - Deemed to be University, Gandhigram.
- During his PhD, he has received JRF & SRF through DST Inspire Fellowship, DST, New Delhi.
- Received his Postdoctoral Fellowship from University of Malaya, Kuala Lumpur, Malaysia during 2014-2016.

DR. PRASANNA LAKSHMI M
Assistant Professor, Mathematics, School of Science & Humanities
- Experience 4.5 years
- PhD Mathematics from National Institute of Technology, Surathkal, Karnataka
- M.Sc. from National Institute of Technology Warangal.
- B.Sc. from Andhra Mahila Sabha Arts & Science college for women, Osmania University.
- GATE qualified.

DR. K. DEEPA
Assistant Professor of Mathematics, School of Science & Humanities
- PhD Mathematics, College of Engineering Guindy campus, Anna University
- M.Sc. Applied Mathematics and M.Phil. Mathematics, Madras Institute of Technology campus, Anna University
- B.Sc. Mathematics, University of Madras
- Received Anna Centenary Research Fellowship during PhD

DR. DEVENDRA PRASAD
Assistant Professor, Mathematics, School of Science & Humanities
- 2.5 years Postdoc from IISER Tirupati and IMSc Chennai
- PhD Mathematics, Shiv Nadar University Delhi
- M.Sc. and B.Sc. from HNB Garhwal University
- Net Qualified in Maths and selected for INSPIRE Fellowship

ENGLISH

DR. DEEPESH CHANDRASEKHARAN
Assistant Professor, English, School of Science & Humanities
- Over 15 years of teaching experience
- Industry experience including as Executive Director of an Erasmus+ project and in teacher training
- Alumnus of US State Department's International Visitor Leadership Program (IVLP)
- PhD in ELE from the EFL University, Hyderabad
- MA (Linguistics) from JNU, New Delhi and MA (English) from the University of Madras
- NET (UGC) in both Linguistics and English
- CELTA (Cambridge) qualified
- Merit scholarship holder and university rank medallist in the undergraduate programme

DR. CHERRY MATHEW PHILIPOSE
Assistant Professor, English, School of Science & Humanities
- 11 years of teaching, 6 years of research and 3 years of industry experience which includes two-years in an INDO-ASEAN Integration Government Of India funded English Language Teaching (ELT) project in Yangon (Rangoon), Myanmar (Burma)
- PhD & MPhil from The English & Foreign Languages University (EFLU), Hyderabad; Post Graduate Diploma in the Teaching of English (PGDTE) from the Central Institute of English and Foreign Languages (CIEFL), Hyderabad; MA & BA Rank Holder of Mahatma Gandhi University Kottayam
- UGC-NET (English) Qualified

DR. NIBEDITA BANDYOPADHYAY
Assistant Professor of English, School of Science & Humanities
- 4 years of teaching experience as an Assistant Professor of English in different universities
- PhD from Indian Institute of Technology Kanpur
- M.A. from Banaras Hindu University
- Recipient of the UGC-Junior Research Fellowship (JRF) in English Literature
- Received Fellowship from The School of Criticism and Theory (SCT), Cornell University, NY
- Received research and travel grants from organisations like American Studies association, Washington D.C. and so on.

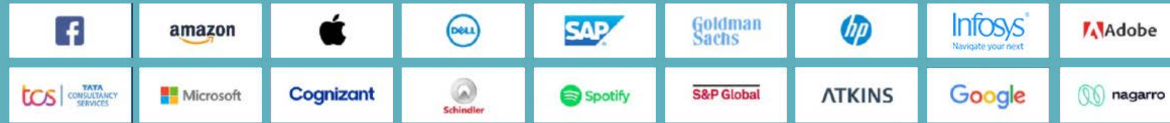## ENVIRONMENTAL SCIENCES

DR. VAISHALI CHOUDHARY
Assistant Professor, Environmental Sciences
- PhD. Civil Engineering with a specialization in Environmental Engineering., 2023 : Indian Institute of Technology Madras, India-600036
- MSc. Environmental Sciences., 2017 : Jawaharlal Nehru University, New Delhi
- BSc. Honors (Chemistry)., 2015 : Maitreyi College, University of Delhi, New Delhi

Alumni of Shiv Nadar Foundation

are part of globally reputed organizations

and top ranked universities

Scholarships

Shiv Nadar University Chennai strongly advocates meritocracy

▸ Our Motto is: Financial constraints should not be an impediment for deserving students to continue studies at Shiv Nadar University Chennai
▸ Programs accessible to every deserving candidate

Stimuli for Technological Innovation & Research for Students (STIRS)

▸ Students can apply for internally-funded projects by submitting a proposal, taking a faculty member as supervisor
▸ Funds provided for students' projects right from first year
▸ Special scholarship scheme for implementing projects

– Industrial Visit to Adani Port

Admission Process

It is mandatory for the applicant to appear for SNU Chennai Entrance Exam at designated test centres in select cities

Submit fully completed Application Forms and upload all mandatory documents. You will then be taken to the Application Fee Payment Portal. After payment of Fees, you will get and option to book slot fort SNUCEE. Only ONE attempt is allowed per Program

SNUCEE is conducted across more than one phase in most Test Centres

Personal Interview : Candidates shortlisted based on performance in SNUCEE will be interviewed by a faculty Panel.

Interview Dates will be intimated directly to the shortlisted candidates on their registered email-ids.

Students selected for Admission after the Interview will be sent Provisional Admission Offer directly to their registered email-ids.

Admission will be confirmed subject to fulfilling all eligibility requirements and verification of Documents.

Very few seats are set aside for Admission basis JEE Main Score. Students with JEE Main score of minimum 90 percentile may be called directly for Interview.

Eligibility Criteria for Admission

Candidates who completed or appeared for the 12th standard board exams are eligible to apply for:

B.Tech Programs	Mandatory subjects in 12th Standard: Mathematics, Physics & Chemistry
B.Com (General) **B.Com (Professional Accounting) Programs**	Preferred subjects in 12th Standard: At least one from Commerce, Accountancy, Mathematics, Business Mathematics, Statistics and Computer Science
B.Sc – Economics (Data Science) Program	Preferred subjects in 12th Standard: At least one from Mathematics, Business Mathematics, Statistics and Computer Science
Students with Commerce, Arts or Science backgrounds can opt for B Com (General), B Com (Professional Accounting & B Sc – Economics (Data Science) Programs	

SNUCEE Date (s)

Chennai
13th April, 27th April, 11th May 2024

Coimbatore
13th April & 11th May 2024

Hyderabad
13th April & 11th May 2024

Trivandrum
13th April 2024

Bangalore
13th April & 8th June 2024

Delhi
13th April & 11th May 2024

Mumbai
13th April 2024

Kolkata
13th April 2024

Madurai
13th April & 11th May 2024

Vijayawada
13th April & 11th May 2024

Dubai
13th April 2024

Shiv Nadar University resevees the right to add additional phase(s) at any City, if required.

Note: Last date of submission of Application is 14 days prior to the date of the Exam, excluding the Exam date,
subject to availability of the slots at the desired Test Centre at the time of booking of the Slot.

SHIV NADAR UNIVERSITY CHENNAI ENTRANCE EXAM

ENTRANCE EXAM DURATION: TWO HOURS

Exam pattern: Aptitude (45 minutes) and Core subjects (75 minutes)

B.Tech Programs	B.Com & B.Sc – Economics (DS) Programs

Mathematics : 60%
 Physics : 30%
 Chemistry : 10%
	Students from Commerce & Arts backgrounds
	 ‣ Mathematics : 40%
	 ‣ Any 2 from the following : 30% each
	    • Commerce
	    • Accountancy
	    • Economics
	    • General Studies
	
	 Students from Science background
	 ‣ Mathematics : 60%
	 ‣ Physics : 30%
	 ‣ Chemistry : 10%

SHIV NADAR UNIVERSITY CHENNAI

Rajiv Gandhi Salai (OMR), Kalavakkam – 603 110, Chengalpattu (Dt), Tamil Nadu, India.

Email: admissions@snuchennai.edu.in, Phone Number: 044 27461700

For admission enquiry, call: 1800 208 1199, Website: www.snuchennai.edu.in