# SHIV NADAR

SHIV NADAR

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Prospectus
2025 - 26

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# **1st Private University**

IIIII MUUU

authorised by the Tamil Nadu State Government in 90 years

# Why Shiv Nadar University Chennai?

#### Be ready for tomorrow's world

The impact of Al, Data Science and IOT in transforming the workplace of the future is undeniable. The future workforce requires individuals who can work closely with technology & data to solve complex problems in various industries. Projected demand for Al, Data Science and IoT professionals by **2030 will be 3.5 million\***. Our B.Tech programs are specially designed to make you excel in Big Data Analytics, Al and IoT 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.

Our offerings span the fields of commerce and economics with courses integrated into the Chartered Accountancy curriculum. This means you get both a B.Com degree and Chartered Accountancy training at one place. The B.Com course includes a mandatory summer internship, a unique offer of Shiv Nadar University Chennai. The School of Science and Humanities combines Economics, Data Science and Finance in one course, producing well-trained economists who shine in the wider world.

Our School of Law brings an in-depth study of legal doctrine and jurisprudence, with subjects related to, as well as outside of the law. Building on the humanities and social sciences, it will prepare students to appreciate and master legal doctrine.

#### State of the art campus

**Spread over 230 acres** of academic and co-scholastic infrastructure, the campus at Shiv Nadar University Chennai is designed to provide its incoming batch 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 convenience and comfort of the students and comprises separate airconditioned hostel facilities for boys and girls along with dining facilities.

#### **Eminent Mentors**

**Prof. C. Rangarajan, Former Governor, Reserve Bank of India** and **Dr. Raj Reddy, Professor at Carnegie Mellon University, US** & one of the founding figures of AI engage in mentoring and advising the Shiv Nadar University Chennai, which is when they are not spearheading the frontiers of their fields.

#### 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 6200 crores** in centers of excellence in education. More than **30,000 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.

#### Handpicked, 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 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, we give out scholarships to qualifying aspirants in need of that slight nudge.

# Message from Mr. Shiv Nadar

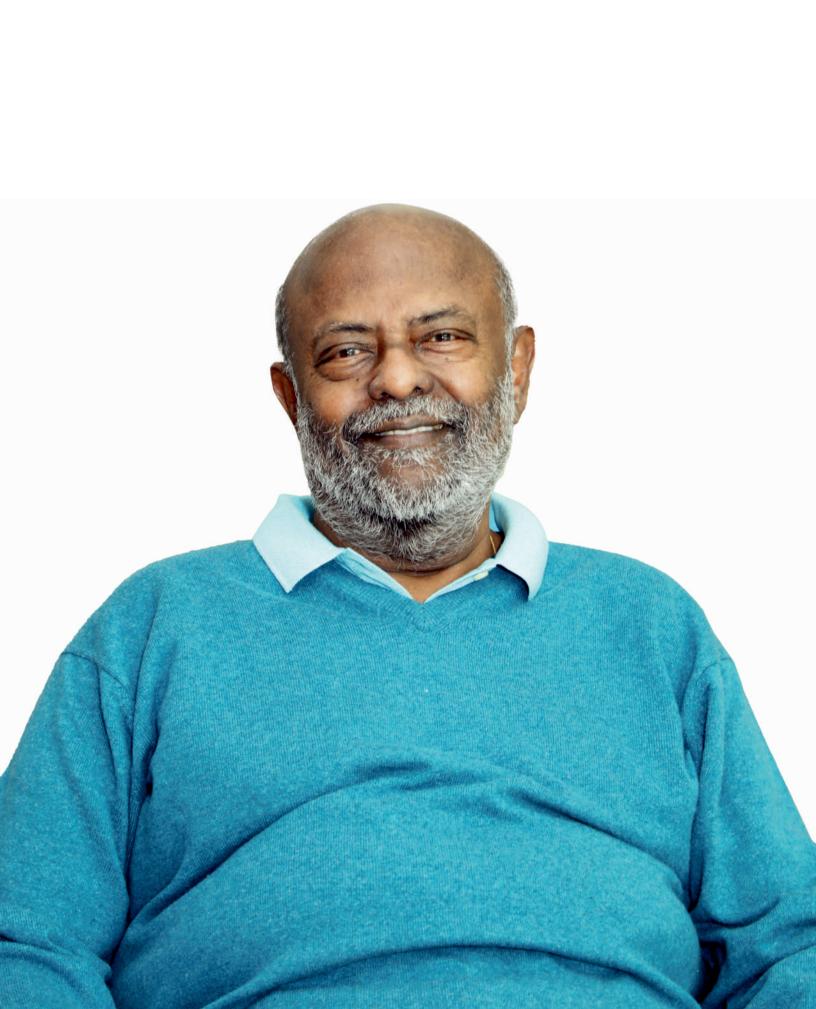
The World Inequality Report, 2018, highlights the rapid pace at which inequality across the world is increasing. This is particularly an acute problem in India, where over 50% of the population is below the age of 25. Education is perhaps the single most important input that can narrow this gap, and the Shiv Nadar Foundation is designed to create enduring institutions that 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 go hand in hand. Shiv Nadar University Chennai will draw strength from and strengthen this culture and spread its light across the world.

# Mr. Shiv Nadar

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





# Message from **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 26 years, SNF has been working towards nation building through transformational leadership, which is created by delivering world-class academic opportunities to all sections of society, including the most underprivileged.

As we move ahead, we are committed to further expanding and improving our institutions and initiatives, ensuring access to quality education for 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.

# **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 the 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.

Prof. 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. 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

Chairman, Madras School of Economics. Former President, Indian Statistical Institute. Former Governor, Reserve Bank of India. Chancellor, University of Hyderabad.



### **Our Mentors**



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 since 1969. He served as the founding Director of the Robotics Institute from 1979 to 1991 and the Dean of the 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 received the ACM Turing Award, the highest honour 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 the Vannevar Bush Award, the highest award of the National Science Foundation in the United States, for "lifetime contributions to science and longstanding 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

University Professor, Computer Science & Robotics, Carnegie Mellon University. Founding Director, Robotics Institute. Winner, ACM Turing Award.



## Mr. R. Srinivasan

Chancellor, Shiv Nadar University Chennai Shiv Nadar University Chennai, which 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 nurturing the activelearning 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.







### Dr. Kala Vijayakumar

Pro-Chancellor, Shiv Nadar University 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 in 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 the holistic development of students, so that no matter what field they choose to pursue, they mature into socially responsible leaders in the 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 hypergrowth 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. Sriman Kumar Bhattacharyya

Vice Chancellor, Shiv Nadar University 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 imparting quality education and to producing quality human resources for the country. As the founding Vice-Chancellor, I am delighted to have an opportunity to nurture the young talents and 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, the 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 give ample opportunities to express their cultural values and sportsman spirit through an environment conducive to developing all-round abilities.



# About 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 centre of excellence in higher education at par with premier educational institutions across the world and development of programs in niche areas to impact quality education through innovative research so as to produce knowledge leaders of tomorrow.



Shiv Nadar University Chennai is established by an act of the Tamil Nadu Legislative Assembly to promote, conceptualise, 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, which 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 the 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 rigour and innovation.

#### The University has four Schools:



**School of Engineering** 



School of Commerce & Management



School of Science & Humanities



School of Law

#### SCHOOL OF ENGINEERING

#### **UNDERGRADUATE PROGRAMS:**

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

#### **POSTGRADUATE PROGRAM:**

• M. Tech Artificial Intelligence and Data Science

SCHOOL OF COMMERCE & MANAGEMENT

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

**SCHOOL OF SCIENCE & HUMANITIES** 

• B.Sc. Economics (Data Science)

SCHOOL OF LAW

• B. A., LL.B.

In addition to the UG programs, doctoral programs are offered in Computer Science and Engineering, Civil Engineering, Environmental Science & amp; Engineering, English, Economics, Commerce, Physics, Mathematics, & Interdisciplinary Research.

Each program is designed to help talented students become successful, job-ready professionals or world-class academicians.

# **Schools and Programs**

# **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 rigour.

#### **B.Tech AI & Data Science**

By 2025, it is estimated that 463 exabytes of data will be created each day globally—which is the 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

#### **Program Highlights**

- Inculcate strong mathematical foundations (Advanced probability & statistics)
- Rigorous practical skills in multiple programming language environments. (Python, Java, Machine learning, Data learning)

interest in devising and deploying Al 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.

- 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

#### **Program Highlights**

- Practical skills in computer science, IoT, security, web technology, communication protocols, data management, and application of intelligent algorithms.
- Development of IoT products and services, alongside the devices for sensing, actuating, processing, and intercommunication.

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 indepth knowledge impartation and hands-on problemsolving experiences.

• Application of IoT in various sectors like Industry, Energy, Retail, Healthcare, Automation, Robotic Things, Green infrastructure, etc.

#### B.Tech CSE (Cyber Security) -

In a well-connected business ecosystem, strongly strategised cybersecurity 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 for cybersecurity professionals in sectors including

#### **Program Highlights**

- Comprehensive knowledge in cryptography, cybersecurity principles, cyber forensics, intrusion prevention mechanisms, cybercrime, cyber threats and vulnerabilities, Alfor cybersecurity, etc.
- Impart practical problem-solving skills, capability to investigate, and utilise new technologies, security algorithms, and implementations.

banking, defence, financial services, retail, manufacturing, IT, and telecommunications. Our new program will aim at training our students across the five major verticals of cybersecurity, including infrastructure, applications, networks, cloud, and IoT.

• Introduce students to industry-standard certifications, enabling them for placement opportunities as security analysts, architects, cryptanalysts, consultants, and solutions developers.



#### M.Tech AI & Data Science

The MTech (Master of Technology) program in Artifcial Intelligence and Data Science (AI and DS) at Shiv Nadar University (SNU) Chennai offers specialisation 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

#### **Program Highlights**

- Speech technology
- Artifcial Intelligence and Machine Learning
- High-Performance Computing
- Computational Biology
- Radiogenomics
- Data Science
- Internet of things and Block Chain Technology

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,graphtheory, and more.

- 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: a Bachelor of Commerce (Professional Accounting) and a Bachelor of Commerce with specialisation 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 -

This program is designed for the students who wish to make a career in finance, banking, insurance, business development, credit analytics, etc.—broadly in the financial sector.

The program aims at making students well versed in contemporary commerce, which includes the disciplines of

#### **Program Highlights**

- Three tracks of specialisation for in-depth knowledge. Current specialisation tracks are Analytics, Finance and Management.
  - Analytics Track: Specialisation electives taught by Computer Science and Mathematics Dept faculty.
  - Management Track: Specialisation electives taught by senior management professionals.

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 wellrounded in the analytical and financial domains and be able to apply and solve real-world financial issues and problems.

- Finance Track: Specialisation 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 as well as work in the financial sector.



- Industrial Visit to Adani Port

#### Bachelor of Commerce (Professional Accounting)

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, or CS, this course is for you. Going a step ahead, we have benchmarked the program to the 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

#### **Program Highlights**

- Benchmarked to the CA syllabus (Foundation, Intermediate and Final examinations) of ICAI while fulfiling the requirements of UGC
- Additional electives to make students ready for workplace

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 ofered 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.

- Adjunct faculty includes practising CAs and Css
- Use of placement cell for getting articleship for qualifed students







# **Schools and Programs**

# **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 hone their 21st-century skills such as critical thinking, communication, creativity, and collaboration.

#### B.Sc. Economics (Data Science) -

The program is a full-time, 3-year graduation program that 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 the theoretical framework is combined with the solving

#### **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.

of real-life problems. The societal issues, such as, unemployment, poverty, inequalities, various aspects of human development, etc., are also embedded in the curriculum to complement both the qualitative and quantitative aspects of the developmental process.

- Economic and Policy Modelling, Simulations and Forecasting, using econometric tools
- Develop critical faculty to analyse data and policy



# **Schools and Programs**

# **School of Law**

#### B.A., LL.B.

The legal industry in India has experienced significant growth. An increased focus on regulatory compliance has spurred demand for legal services across various sectors, including corporate law, dispute resolution, intellectual property, and real estate. The rise of technology and digital platforms has also created new avenues for legal innovation, such as online legal services and e-dispute resolution. Moreover, India's position as a global outsourcing hub has led to an increased need for specialised legal expertise, both in terms of international law and cross-border transactions. The growth of law firms, the increasing involvement of foreign law firms, and the rise of legal tech startups all indicate a booming industry.

#### **Program Highlights**

- Global quality infrastructure and faculty from top institutions
- AB.A. component with a liberal arts focus encompassing the humanities, social sciences, and elements of natural sciences
- An LL.B. component with a focus on skills development and tacit knowledge of the law

The B.A., LL.B. Program at the Shiv Nadar School of Law prepares students for a career in an increasingly globalised legal landscape through its focus on combining the study of legal doctrine with practical and soft skills, supplemented by practitioner-led courses. With this emphasis on practice, students will gain the skills to arrive at the heart of complex issues, present an argument effectively, formulate a legal strategy, draft impactful briefs and reports, and operate under pressure, providing them with a competitive edge. Through merging a strong liberal arts foundation with legal subjects, the program aims to produce well-rounded individuals for long-term success in the legal field or in any career of their choosing.

- Practitioner-taught courses and job focus
- Focus on writing, communication, and corporate skills. Strong industry networks



# 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 brilliant minds from within and neighbouring communities.

Students are encouraged to create new clubs and an array of opportunities for intellectual stimulation.





#### **Sports Facility**

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

#### **Hostel Life**

The Hostel Life at Shiv Nadar University Chennai encourages camaraderie, a sense of belonging, and 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 professionals.



#### Academic Infrastructure

Students have 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.





#### **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.

#### **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.



# **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. 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 Al



#### 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. SAKTHI BALAN MUTHIAH

**Professor, Department of Computer Science and** Engineering

- Experience: 20 years (Teaching, Research and Industry)
- MS (by Research) with GATE Fellowship and Ph.D. with Infosys Fellowship from Indian Institute of **Technology Madras**
- Post Doctoral Fellow, University of Western Ontario, London (Ontario), Canada
- Senior Member of ACM and Member of AAAI
- **Research Areas: Social Network Analysis, Information** Diffusion, Bias and Privacy in the Web, Data Science, **Automata and Formal Language Theory**



#### **DR. SANTHI NATARAJAN**

Associate Professor, Department of Computer Science and Engineering

- PhD, Indian Institute of Science, Bangalore **Post-Doctoral Research, Indian Institute of**
- Science Rangalore 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. 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. 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. 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. U. PADMAVATHI

**Assistant Professor. Department of Computer** Science & Engineering

- Ph.D from National Institute of Technology Puducherrv
- 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)

**Assistant Professor, Department of Computer** 

• 3 years of software industry experience and 6



#### **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. Vegesna S M Srinivasavarma

Assistant Professor, Department of Computer Science and Engineering

- Ph.D. IIITDM Kancheepuram
- M.Des. Electronic Systems IIITDM Kancheenuram
- B.Tech. ECE JNTU Kakinada



#### **DR. SATHYANARAYANAN SRINIVASAN**

**DR. SURYA K** 

Science and Engineering

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.

**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. 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

Assistant Professor. Department of Computer Science &

**Research area: Silicon photovoltaics,** 

Ph.D. from Indian Institute of Technology Mandi

M.Tech. from Guru Nanak Dev University Amritsar

microelectronics, and semiconductor devices

**DR. SHIKHA MARWAHA** 

Engineering



#### **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. VA 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.



#### 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.



# **School of Engineering**



#### DR. SHAMBHU SHARAN KUMAR

SINHA

Assistant Professor, Department of Computer Science and Engineering

- Ph.D from Indian Institute of Technology
   Dhanbad
- M.Tech VLSI Tezpur University Tezpur, Assam
- B.Tech Electronics and Instrumentation Engineering from M J P Rohilkhand University Bareilly
- Research area: Quantum Technology, Nano
  Technology and Nano Electronics.



#### Ms. DIVYA S

Assistant Professor, Department of Computer Science and Engineering

- 6+ years of teaching experience.
- Ph.D: Pursuing from Anna University.
- M.E: Computer Science and Engineering, Regional Centre of Anna University, Tirunelveli D.E. Computer Science and Engineering, Anna University, Computer Science and Engineering, Computer Science and Computer Science
- B.E: Computer Science and Engineering, Anna
  University.
- Research Area: Data Mining, Natural Language Processing and Machine Learning.



#### Ms. DHIVYA S

Assistant Professor, Department of Computer Science and Engineering

• Ph.D: Pursuing from Anna University.

- M.Tech: Information Technology, Anna University.
- B.Tech: Information Technology, SRM University.

# **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

# **School of Commerce & Management**



#### **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. MADHURI MALHOTRA**

Associate Professor. School of Commerce and Management

- PhD from Indian Institute of Technology Madras (IIT Madras)
- Masters in Business Management (Gold Medal).
   Dayalbagh Educational Institute (Deemed to be University, Agra, UP)
- Bachelors in Business Management. Dayalbagh Educational Institute (Deemed to be university, Agra, UP)
- Qualified UGC- NET conducted by the Universities Grants Commission, India, July 2000
- More than 20 years of Experience in Teaching and Research in the area of Financial Markets, Corporate Finance, behavioural Finance, Banking, Ethics and Governance.
- Published research work in more than 30
  International / National Refereed Journals and
  Books.



#### **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 ANJALI TULI**

Assistant Professor, School of Commerce and Management

- Ph.D. (Corporate Finance), M.Phil. (Corporate Finance), and M.Com. from Faculty of Commerce and Business at the Delhi School of Economics, University of Delhi
- B.Com (Hons.) from Shri Ram College of Commerce, University of Delhi
- A JRF Holder with more than 13 years of teaching experience
- Teaches Corporate Finance, Financial Markets, and Direct Taxes.
- Published Research work in the reputed journals indexed in ABDC and Web of Science list.



#### Dr JANANI. R

Assistant Professor, School of Commerce and Management

- Ph. D (Finance), VIT University, MBA (Anna University) and B.com (Bharathidasan University)
- 13 years of industry, teaching, and research experience.
- Teaches Investing in Stock Market, Financial Markets and Services, Business Valuation, Financial Modelling and Business Research Methods
- Research work published Scopus and ABDC indexed journals.



#### 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



#### 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 Commerce & Management**



#### 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



#### 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

# **School of Science & Humanities**

### **ECONOMICS**

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#### 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, Gol** 

- 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



#### **PROF. IAYDEEP MUKHERIEE**

Professor, Department of Economics, School of Science and Humanities

- Ph.D. in Economics from Jadavpur University, Kolkata
- More than 24 years of teaching, research, and training experience at premier institutes like INDIAN INSTITUTE OF FOREIGN TRADE, Delhi, JNU, IIM Raipur and IIM Sirmaur.

Conducted more than 20 training programmes in India and abroad on International Trade and Macroeconomic policy to both

- **Government Officers and corporate sector** Completed 19 research projects funded by reputed organisations in India and abroad
- Teaching and Research Interests Financial Economics: Macroeconomic Policy. Trade Analytics, International Macroeconomics and Finance, International Economics



#### 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**

# **School of Science & Humanities**

### **ECONOMICS**



#### **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 Bombav
- MA Economics from University of Hyderabad
- BA Economics from Mahatma Gandhi University, Kerala
- 5 years of teaching experience.



#### **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



#### **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. 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.

### 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 devicebased work carried out in India.2012
- **Research Areas: Silicon Photonics,** Biosensors, Acoustic metamaterials, MEMS, **Fiberoptics**



#### **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



### PHYSICS



#### **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 microLED, Optoelectronic devices, Solar Cell< Spectroscopy</li>

# MATHS



#### 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 (200809,2009-10, 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. MD MANSUR ALAM

Assistant Professor, Dept. Of Mathematics, School of Science and Humanities

- 2 Years of Teaching Experience
- PhD in Mathematics, IIT Madras
- M.Sc in Mathematics, IIT Madras
- B.Sc (H) in Mathematics, University of Calcutta
- Recipient of IIT Madras Institute Research Award
- Qualified UCG-CSIR NET, NBHM M.Sc Fellowship Test
- Selected for INSPIRE (SHE) Scholarship



#### **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 <u>Technology</u>
- campus, Anna University
- B.Sc. Mathematics, University of Madras
- Received Anna Centenary Research Fellowship during PhD



#### DR. SUMANGAL BHATTACHARYA

Assistant Professor of Mathematics, School of Science & Humanities

- PhD (Statistics): Indian Institute of Technology Tirupati, India.
- M.Sc. (Applied Mathematics): Indian Institute of Engineering Science and Technology Shibpur, India.
- B.Sc. (Mathematics): The University of Burdwan, India.
- CSIR NET- JRF (Mathematical Science), GATE
   (Mathematics)

# MATHS



#### 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 &
- B.SC. from Andria Manila Sabna Arts & Science college for women, Osmania University.
- GATE qualified.



#### **Dr. JOJI BENNY**

Assistant Professor of Mathematics, School of Sciences and Humanities

- PhD: Indian Institute of Technology Madras.
   Integrated M.Sc.: UM-DAE Centre for
- Excellence in Basic Sciences, Mumbai.
  Inspire Fellowship: 2011-2015.
- UGC JRF and SRF in Mathematics.

#### **DR. JOYASHREE MONDAL**

Assistant Professor, Dept. Of Mathematics, School of Science and Humanities

- PhD in Mathematics, IIITDM Kancheepuram (Chennai)
- M.Sc. in Mathematics, Kazi Nazrul University (West Bengal)
- B.Sc.(H) in Mathematics, The University of Burdwan (West Bengal)
- Qualified GATE in Mathematics

# ENGLISH



# 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 INDOASEAN 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. TANIMA BAGCHI

Assistant Professor, School of Science & Humanities

Experience- 4 years of teaching and research

- (post-PhD experience)
   PhD from Indian Institute of Technology Madras
- Specialization: Linguistics)
   MA in Linguistics from The Maharaja Sayajirao
- University of Baroda
- BA (Honours) in English from Scottish Church College, University of Calcutta
- Qualified UGC-NET (Linguistics), Goethe Zertifikat A1 and A2 (German), TESOL/TEFL Program and Business English Teacher Training Program
- Research Areas- Cognitive Linguistics, Sociolinguistics, Pragmatics



#### DR. NIBEDITA BANDYOPADHYAY

Assistant Professor of English, School of Science & Humanities

- 4 years of teaching experience as an Assistant Professor of English in dilerent universities
- PhD from Indian Institute of Technology Kanpur
  M.A. from Banaras Hindu University
- Recipient of the UGC-Junior Research Fellowship
- (JRF) in English LiteratureReceived 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.



#### Dr Sruti M D

- Assistant Professor, School of Science and Humanities • PhD from Ambedkar University Delhi (AUD); MA
- from Jawaharlal Nehru University (JNU) Recipient of the Smitu Kothari Fellowship for
- Young Writers 2021
   Participant at the Battle of Ideas: Culture and
- Communication course, Florestan Fernandes National School, São Paulo, Brazil in 2024
- Five years of industry experience in editorial and journalism
- Research Areas- Critical Theory, Cultures of Migration & Modernity, Auto/Biography Studies

# **ENVIRONMENTAL SCIENCES**



#### DR. K. UTHRA DEVI

Assistant Professor, Environmental Sciences

- 1.5 years of experience as Research Scientist in an Industrial R&D
- Post doc. Indian Institute of Technology (IIT) Madras, Tamilnadu, India
- PhD. in Environmental Engineering, 2023: IIT Tirupati, A.P, India
- M.Tech in Environmental Science and Technology, 2015; ACT campus, Anna University, Chennai, India; B.Tech. in Industrial Biotechnology., 2013: SASTRA University, Thanjavur, India
- Awards: Carbon Zero Challenge grant winner (2023), Best Ph.D thesis and Deans' prize award (2023), DST- INSPIRE fellowship (2016); University first rank (2015), 4 Indian patent grants/applications, Highly cited research article
- from RSC advances (2022)
- Research interests: Clean water and sanitation; circular economy



#### **DR. VAISHALI CHOUDHARY**

Assistant Professor, Environmental Sciences

- PhD. 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
- More than 10 Q1 Research article, 02 National
   Patents, multiple international projects handled
- Awards: GE-Ecoimagination award (2023), Institute Research Award (2022), Atal Innovation Mission-Acceleration potential scholarship (2021), DST- INSPIRE fellowship (2018),
- Research Interests: Research area: Water and Wastewater treatment, Resources recovery, LCA

# **Our Faculty**

# **School of Law**



#### DR. SHIV SWAMINATHAN

Professor, and Dean, School of Law

- D.Phil in Law (Jurisprudence), University of Oxford
   B.C.L. (with Distinction), St. Catherine's College,
   Oxford
- B.S.L. and LL.B., Indian Law Society, Pune
- Previously Professor, Director of the Centre for Legal Theory and Associate Dean (Research) at Jindal Global Law School
- Multiple scholarship and research fellowship awards, including the Alexander von Humboldt Fellowship for Experienced Researchers (2023), Award for Research Excellence: Jindal Global University (2018-19, 2019-20, 2020-e21), the Asian Law Institute Visiting Fellowship at National University of Singapore (March-April 2019), etc.
- Research Interests: Legal Theory, Contract Law, Moral Philosophy



#### DR. UMAKANTH VAROTTIL

Programme Advisor, Member, Board of Studies, and Visiting Professor, School of Law

- Ph.D. in Law, National University of Singapore
  LL.M., New York University
- LL.B. (Hons), National Law School of India University, Bangalore
- Editor of The Oxford Business Law Blog, Indian Law Review, Asian Journal of Comparative Law and Singapore Journal of Legal Studiesooks, published articles in international journals and founded the IndiaCorpLaw Blog
- Research Member of the European Corporate Governance Institute
- Previously a partner at a pre-eminent law firm in India
- Research Interests: Company Law, Corporate Governance, Law & Finance in India



#### **DR. VINAY SITAPATI**

Professor and Associate Dean, School of Law

- Ph.D., Princeton University, Princeton
- LL.M., Harvard University
- B.A., LL.B., National Law School, Bangalore
   Published in multiple journals, newspapers, and
- edited collections, including The Indian Express. • Author of multiple books, including Half-Lion: How PV Narasimha Rao Transformed India
- (Penguin/Oxford University Press), which is being turned into a web-series.
   Research Interests: Indian Politics, Political
- Research Interests: Indian Politics, Political History, Comparative Politics



#### DR. ANUJ BHUWANIA

- Professor, School of Law
- Ph.D., Columbia University, New York
- M.A., M.Phil Columbia University
   LL.M., SOAS, B.A., LL.B., National Law School,
- Bangalore
- 2021/22 recipient of the Smuts Visiting Research Fellowship at the University of Cambridge
- Multiple Senior Research and Visiting Fellowships, from Max-Weber-Kolleg, University of Erfurt (April – July 2024) to 'Multiple Secularities' Research Group, University of Leipzig (January – March 2024), to Cluster of Excellence "Contestations of the Liberal Script" (SCRIPTS), Freie University, Berlin (January – December 2023), etc.
- Research Interests: Constitutionalism, Sociolegal studies, Federalism

# **School of Law**



#### **DR. NEHA TAYSHETE**

Associate Professor. School of Law

- Ph.D. (Joint degree), ULB, Belgium and LUISS, Rome LL.M., Yale University
- B.C.L., University of Oxford
- B.S.L., LL.B., Government Law College, Mumbai
- Visiting Ph.D. Scholar at the University of Oxford in
- October 2019 to November 2019 Previously Assistant Professor and Senior Research Associate at Jindal Global Law School
- Previously Lecturer at Université Libre de Bruxelle (ULB), Belgium, and Visiting Faculty at National Law School, Bangalore, India
- Recipient of various awards and scholarships. including European Commission funded joint Ph.D. work, the Wiener-Anspach Foundation funding for a Visiting Ph.D. Scholar at the University of Oxford, the Prix Van Buuren-Jaumotte Demoulin Prize in 2020, etc.
- **Research Interests: Jurisprudence, Human Rights Theory, Philosophy**



#### **DR. JASON LAKIN**

- Associate Professor, School of Law Ph.D. in Government and Social Policy, Harvard Ilniversity
- **B.A. in History, Brown University**
- Post-doctoral fellowship at the Harvard School of Public Health
- **Senior Technical Public Finance Management** Advisor with the Institute of Public Finance in Kenva and a Budget Advisor to the U.S. Treasury's Office of Technical Assistance
- Lecturer, writer, manager, analyst and capacity builder with over fifteen years of experience in international development, mostly in Africa; started, built and led the International Budget Partnership's Nairobi, Kenya office (2011-2017)
- **Research Interests: Public Policy, Political** Science, International Development, Writing



#### **DR. REJITHA NAIR**

- Assistant Professor, School of Law
- Ph.D., NALSAR University of Law, Hyderabad
- LL.M., NALSAR University of Law, Hyderabad B.A. LL. B., The Maharaja Sayajirao University, Baroda, Guiarat
- **Recipient of Nani Palkhivala Memorial Gold Medal in** Comparative Constitutional Law
- **Consultant with Aga Khan Rural Support Programme** (India)
- Master Trainer of Paralegals with the Centre for Social **Justice Ahmedabad**
- **Research Interests: Legal institutions and poverty,** land rights, e-governance



#### **DR. NAAMA SHALOM**

Associate Professor. School of Law

- D.Phil. University of Oxford M.A., The Hebrew University of Jerusalem, Israel
- B.A., The Hebrew University of Jerusalem, Israel
- Previously part of the founding academic team at O.P. Jindal Global University; helped establish the new Comparative Religion Major there
- Recipient of multiple scholarships, including the Boden Fund Scholarship (2011-12), Clarendon Fund Scholarship (2008-11), University of Oxford, etc.
- **Research Interests: Sanskrit, Indology, Religious Studies**



#### **PROF. ADITI SRIRAM**

Associate Professor, School of Law

- M.F.A., The New School, New York
- **B.A., Columbia University, New Jersey Previously ran the Undergraduate Writing**
- Program at Ashoka University, Sonipat.
- Author of Beyond the Boulevards: A Short **Biography of Pondicherry, published by Aleph** Book Company in 2019.
- Reviewed for and published in periodicals and newspapers like The New York Times and The Indian Express, The Washington Post, The Guardian and The Atlantic magazine, etc.
- **Research Interests: Academic Writing, Creative** Writing, Professional Writing



#### **DR. SHUBHO ROY**

Assistant Professor. School of Law

- J.S.D. University of Chicago LL.B. West Bengal National University of **Juridical Sciences**
- Previously researcher at the National Institute of Public Finance and Policy in New Delhi, India, and a Clerk to a judge of the Supreme Court of India
- Actively involved in making public policy, as an advisor as well as policy committee member
- Previously been a Guest Lecturer at the Lal **Bahadur Shastri National Academy of** Administration, the National Academy of Audit and Accounts, etc.
- **Research Interests: Taxation, Housing, Judicial** Delays









# **School of Law**



- DR. ARCHIT JAIN Assistant Professor, School of Law D.Phil, University of Oxford M.Phil, University of Oxford
- B.A., University of Delhi
- Recipient of The Rhodes Scholarship Research Interests: Political Economy,
- Macroeconomics



#### **DR. KIT PATRICK**

- Assistant Professor, School of Law Ph.D. in Philosophy, University of Bristol M.A. in History, Sociology and Philosophy of Science,
- M.A. in History, Sociology and Philosophy of Scienc University of Cambridge B.A. in Natural Sciences, University of Cambridge Previously held posts at the University of Bristol, Azim Premji University, and BML Munjal University Research Interests: Philosophy of Science, Epistemology, Philosophy of Law, Ancient Indian History
- History





# Alumni of Shiv Nadar Foundation

| are part of globally reputed organizations |             |           |                 |         |                                  |  |                                |                              |
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| tos Consultancy                            | 📑 Microsoft | Cognizant | Schindler       | Spotify | S&P Global                       | ATKINS   | Google                         | 🕅 nagarro                    |
| and top ranked universities                |             |           |                 |         |                                  |  |                                |                              |
| S Stanfo<br>Universit                      |             | C OXFORD  | Yale University |         | Carnegie<br>Mellon<br>University | vianositores<br>a talentera ses<br>Roma alesca a | JOHNS HOPKINS                  | London<br>Bidinesa<br>School |

# **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



Scholarships

# Stimuli for Technological Innovation & Research for Students (STIRS)

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



STIRS

# **Admission Process**

### B Tech Programs, B Com Programs, BSc Economics (Data Science) Program

- It is mandatory for the applicant to appear for SNU Chennai Entrance Exam (SNUCEE) 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 have access to book slot for SNUCEE. Only One attempt is allowed per Program. Hall capacities are limited. Slots are available on first cum first serve basis.
- SNUCEE is conducted across more than one phase in some of the major cities
- Personal Interview: Candidates shortlisted based on performance in SNUCEE will be interviewed by a

#### B.A., LL.B. Program

 Students will be shortlisted for interviews on the basis of any one of the following criteria: CLAT Score [OR] Any major law entrance examination (an indicative list includes LNAT, AILET, SLAT, MH CET Law, TS LAWCET, 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 Admissions basis JEE Main Score. Shortlisted Candidates from Applicants with JEE Mail score of minimum 90 percentile may be called for Interview.

AP LAWCET) [OR] Grades of class 10 and 12. You can apply with class 10 score if class 12 score is not available at the time of application.

## **Eligibility Criteria for Admission**

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

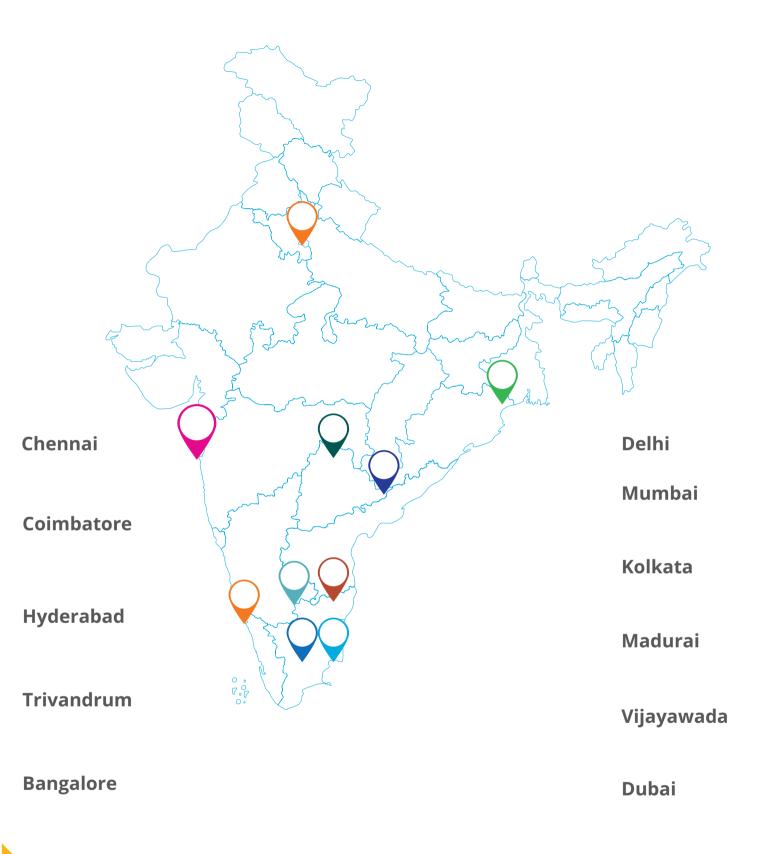
**B.Tech Programs:** Mandatory subjects in 12th Standard: Mathematics, Physics & Chemistry.

**B. Com / B.Com (Professional Accounting) Programs:** Preferred subjects in 12th Standard: At least one from Commerce, Accountancy, Mathematics, Business Mathematics, Statistics & Computer Science.

**B.Sc Economics (Data Science):** Preferred subjects in 12th Standard: At least one from Economics, Mathematics, Business Mathematics, Statistics & Computer Science.

B. A., LL.B. Program: Students from any stream appeared/appearing in class 12th.

# **SNUCEE** Date (s)



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 (SNUCEE)

Applicable for Engineering, Commerce & Economics Programs Only.

#### SNUCEE QUESTION PAPER PATTERN

### **Entrance exam duration: Two hours**

- Two parts: Part A (Aptitude Test for 45 minutes) & Part B (Subject Matter Test 75 minutes)
- Both parts will be scored out of a total of 100 marks. Negative marking will be applicable for wrong answers

|                        |          | Maths Compulsory | 40%                             |  |
|------------------------|----------|------------------|---------------------------------|--|
| ENGINEERING            |          | Physics          | 30%                             |  |
|                        |          | Chemistry        | 30%                             |  |
|                        | Group- A | Accountancy      | Choose<br>any<br>One (1)<br>40% |  |
|                        |          | Economics        |                                 |  |
| NON-ENGINEERING        |          | Physics          |                                 |  |
| (COMMERCE & ECONOMICS) | Group- B | Maths            | Choose<br>any                   |  |
|                        |          | Commerce         |                                 |  |
|                        |          | Computer Science | Two (2)                         |  |
|                        |          | General Studies  | 30%                             |  |



#### **SNUCEE QUESTION PAPER FORMATS FOR PART - B**

# SHIV NADAR UNIVERSITY CHENNAI



#### SHIV NADAR UNIVERSITY CHENNAI

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

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