Shiv Nadar University
Whistling Teal
Convocation Special
16th edition | Jan - Mar 2019

5th CONVOCATION
SATURDAY | MAY 18, 2019

GUESTS OF HONOR
- Mr. Arun Sarin
  Knight of the British Empire
- Dr. Isher Ahluwalia
  Padma Bhushan Awardee

HONORARY DOCTORATE RECIPIENTS
- Dr. Ashok Seth
- Lord Charles Powell
- Dr. K. Kasturirangan
- Mr. Mike Lawrie

DEGREE RECIPIENTS
A summer to remember! That's what it is going to be for the graduating Class of 2019, as they step into the world outside and gear up to take on the challenges that lie ahead. The place they have called their second home for the past four years, has prepared them well. They feel calm, composed, and ready to the life that lies ahead, whether it's the first job or a new higher education pursuit.

Today is going to stay fresh in their young hearts and minds, as they go through a whirlwind of emotions - the happiness, pride, and gratitude mixed with a tinge of sadness that accompanies knowing this is going to be their last day as a student here (at SNU campus). The reminiscence of the times spent at this campus is going to make the goodbyes difficult. At the same time, their hearts shall be filled with an excitement of the 'New' that awaits.

The current issue of Whistling Teal is dedicated to this day - the Fifth Convocation Ceremony of Shiv Nadar University, 18 May 2019. The ceremony commemorates the graduation of more than 500 students, largest ever, to receive their Doctoral, Master's and Bachelor's degrees, in Engineering, Natural Sciences, Humanities & Social Sciences, and Business. The Chief Guest for the occasion is Mr. Arun Sarin, KBE, former CEO of Vodafone, and current board member of Cisco, Accenture and Charles Schwab and a Silicon Valley investor; and the Special Guest is Dr. Isher Ahluwalia, a distinguished economist, a Padma Bhushan awardee and Chairperson, Board of Governors, the Indian Council for Research on International Economic Relations. Know more about the guests of honor in the current edition.

This year, the University is also conferring Honorary Doctorates to four eminent global personalities for commendable contributions in their respective fields: globally renowned cardiologist, Dr. Ashok Seth; eminent diplomat, politician and businessman, Lord Charles Powell; distinguished Indian space scientist, Dr. Krishnaswamy Kasturirangan; and Chairman, President, and CEO of DXC Technology, Mr. Mike Lawrie. Read about them inside.

A keeper's edition, this Whistling Teal, also brings to you 'Memorabilia of Class of 2019' - a collection of pictures, words, and memories. An extension to the Memorabilia, Faculty Reminisces is a compilation of faculty recollecting the times spent with the graduating Class. Know more about the future path of graduating Class of 2019 in the Realizing Dreams section.

And on this day, as the Class of 2019 walks the stage, with hope in heart and spring in steps, they shall be reminded in years to come, how satisfying and fulfilling learning can be. And they shall also be reminded of the lines from one of the greatest books of all times, E.R. Braithwaite's To Sir, With Love -

“*It is our duty to rebel. Not to destroy, but to build upon the grounds laid before us.*”

Editorial Team

*Whistling Teal*
## Convocation Ceremony 2019

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This is what the Shiv Nadar University stands for – imagination pushing the frontiers of knowledge. The University is potentially the most powerful institution established under the Shiv Nadar Foundation. It can drive transformative change in higher education and advance the cause of creating research-based knowledge and consequently have a massive impact in creating employment and helping solve the world’s most pressing problems.

I have spent countless hours envisioning this University as a truly great institution, with some of the best minds in the world. Let me rewind to the days when we first began thinking of establishing the University. I travelled across the UK and the US visiting some of the most respected institutions and studying different models of higher education to understand what creates the alchemy of a great University. We studied the UK, which has some of the oldest Universities such as Oxford and Cambridge, with affiliated colleges more akin to what we have in India. Subsequently we travelled across the US which is home to the world’s finest multidisciplinary Universities, trying to evolve the right model for the Shiv Nadar University. I gathered several learnings visiting historically renowned Ivy league universities like Harvard, Yale, UPenn, Stanford and Berkeley, which have all pioneered the modern research based university model. I particularly remember a presentation while visiting UPenn where I was told that that “a great university is one which creates more knowledge than it consumes”. This is a simple but deeply profound thought, and forms the core of an exceptional university. The finest universities in the world are all based on research and knowledge creation.

Albert Einstein said - “Imagination is more important than knowledge, for knowledge is limited...but imagination encircles the world”. 

Mr. Shiv Nadar
Founder & Chairman, HCL and Shiv Nadar Foundation
Founder & Chancellor, Shiv Nadar University
Chancellor’s Message

If you check the latest QS Rankings, it is no surprise that out of the top 100 universities in the world, almost 50% are in the US or the UK. These are all grounded in the research based education model, one that encourages imagination, and pushes the frontiers of knowledge. The Shiv Nadar University was conceived of by assimilating learnings from these great universities, and of course by the oldest institution in the Foundation, SSN which was founded in 1996.

We were clear that we wanted to become a globally recognized institution that would be truly multidisciplinary and research oriented. One that will allow young adults to exercise their imagination and put the acquired knowledge into action. I am delighted to see that we have stayed true to the vision, as we build out this great institution. Today we are probably one of India’s few truly multidisciplinary universities with a strong emphasis on research, right from the undergraduate level.

The students at the University have the opportunity to pursue courses across fields including Humanities, Sciences, Engineering and Business. I am sure that the scope will only expand as we continue to evolve in response to the dramatic changes that engulf us in virtually every sphere from science & technology to economics and politics. We have to be ready to confront a world which tomorrow will bear little resemblance to ours today. It is truly the “Brave New World”.

What does it mean to be multidisciplinary and why is it so important? Multidisciplinary education by design is aimed at breaking the mould of education in silos, which has governed the education system in our country historically, and, continues to do so even today. At the very outset we decided that we wanted the Shiv Nadar University to allow its students the freedom to study subjects that were not only part of the core discipline, but, very importantly adjacent to the core or completely asynchronous to it. For this helps us nurture in them the spirit of inquiry and intellectual curiosity, critical thinking and the passion to solve problems. We wanted to be the birthing place that allows for poets to emerge out of the field of mathematics or an economist to come out of the engineering department and there are several examples of this happening at global institutions. One of the speakers at the Shiv Nadar University’s third convocation – Dr. Raghuram Rajan – is incidentally an engineer who went on to become one of the finest economists in the world today. The multi-disciplinary language and training will give our students a clear edge and skills required to face the challenges of an ever-evolving world that we live in today.

Dear students, I couldn’t be more proud when I say that everybody at the University has worked hard to realize this vision. The faculty under the able guidance of the Vice Chancellor, Prof. Rupamanjari Ghosh, have brilliantly shouldered the critical task of shaping your future, and inspiring you every day to ask new questions, as well as to seek the answers. They have shaped
you to emerge as the leaders of this “Brave New World”. Then there are the staff who work tirelessly behind the scenes to make sure we are a great University beyond academics as well. We are a growing community of people who want to re-imagine the way higher education is traditionally looked at and inculcate in our students the quest to understand and solve issues of the new world by creating knowledge and applying it to significantly improve human life.

We are celebrating the graduation of the fifth batch today. Over 2000 students have graduated from the University till now, including the Class of 2019. Our alumni are making us proud at some marquee organizations like Goldman Sachs, Dassault Systems and Bank of America. We are also stoking the entrepreneurial spirit among our students, and I am proud to say that several students have set up their own business ventures. I am confident that they will achieve great success in their endeavors, and fuel my own passion for entrepreneurship. Our students are heading to the best international institutions of higher education including the Ivy league ones like Columbia, UPenn, Cornell and Dartmouth. In this short time, since our inception, we have graduated 38 Ph.D.s and it gives me immense pride to say that for a young university, we today have 176 students pursuing Ph.D. from a student body of about 2000 students, which also includes the graduating batch. This translates to about 9% of the total number of students, which I believe is the highest for any young university and the numbers will only continue to grow in line with our vision.

18 May 2019

I am delighted to see that we have stayed true to the vision, as we build out this great institution. Today we are probably one of India’s few truly multidisciplinary universities with a strong emphasis on research, right from the undergraduate level.

Any great institution is based on some key pillars so that they are built to last. It should have a powerful vision, one that draws the best faculty and students. But any vision is only as good as its execution so it’s important to focus on translating the idea into action. It is also imperative to build strong governance structures which ensure that global and local best practices define the institution. I would like to see the Shiv Nadar University ensuring that the foundation it is built on, continues to remain at the core of this institution, as we shape the future of our stakeholders.

Graduating students, I believe that your time at this University has equipped you to adapt and reinvent in any situation. I want to leave you with what the famous poet T.S. Eliot said - “Only those who will risk going too far can possibly find out how far one can go.” You carry the legacy of our collective dream from this campus and have the tools and the knowledge to be the leaders of tomorrow.

Go out, take risks, and change the world. For that is my dream. And your calling.

Shiv Nadar
Chancellor, Shiv Nadar University
Dear students,

Congratulations on your graduation from the Shiv Nadar University!

Your four years of campus life, of learning and living, will shape your life ahead, in both your professional outlook and your attitude. I am sure you shall cherish the experience of these four years, as you look back on your accomplishments, your learning experience, and your peer interactions. The experience of a multidisciplinary education, with some of the finest faculty to guide you, and living in such a fine campus, will inevitable stand you in good stead in your life.

The best Universities in the world are known for fine infrastructure, great facilities and exceptional faculty – but most of all, the measure of a great institution of learning, is in the achievement of its alumni – you are and will remain the true ambassadors of the Shiv Nadar University. I am sure you shall make us proud!

I would like to give you a glimpse into the legacy that the Shiv Nadar University is working to create. We are a very young institution and already counted amongst the best in the country. In our journey of eight years, we have seen some path-breaking research originate within the walls of our institution and there will be several more as we go forward. We will continue to build our academic and research credentials as we understand that there is no room for complacency if we want to rightfully occupy our place among the top higher education institutions not just in the country but globally. I promise that as you continue to make us proud we will strive to make you prouder of your alma mater.

I wish you the best as you venture ahead in your life, and join the ranks of the Shiv Nadar University's global alumni.

Regards,

Shikhar Malhotra
Pro Chancellor, Shiv Nadar University
In the last Century, innovation remained strongly coupled with STEM (science, technology, engineering, and mathematics) subjects. SNU’s offering of integrated "STEAM+" (STEM + Art & Design + more) disciplines, our emphasis on critical thinking & creative problem solving, and the training & experience of cross-connecting of ideas give our students a clear advantage even in the face of world-wide challenges for the "Future of Work".

A lot of innovative and contemporary research at SNU is facilitated at the Interdisciplinary Centers, the Center for Public Affairs & Critical Theory, the Center for Environmental Sciences & Engineering, the Big Data Analytics Center, the Center of Informatics and the Institute for Innovations & Inventions with Mathematics & Information Technology.

SNU is a comprehensive university, offering a full range of general and professional degree programs – as of today, the University offers 16 Bachelor’s-level degree programs [B.Tech., B.M.S., B.Sc.(Research) and B.A.(Research)], 11 Master’s programs [M.Tech., M.Sc., M.F.A., M.A. and M.B.A.], and 15 Doctoral level [Ph.D.] programs. We launched a unique B.A.(Research) in International Relations and a Master of Design (M.Des.) program in Monsoon 2018.

We have 2010 students enrolled at the University today -- of these 1650 are undergraduates, 182 Master’s and 178 are doctoral students. The diverse student body, coming from 27 states & Union Territories in the country, is spread across various programs in the four Schools.

Over 90% of our undergraduate and postgraduate students receive some form of scholarship, and all our doctoral students receive stipends & tuition fee waivers. In 2018-19 the University disbursed ₹ 29.39 crores as scholarships to undergraduate students, and stipends worth approx. ₹ 5.98 crores to postgraduate and doctoral students. It is with immense pride and satisfaction, I inform you that starting from August 2019, Shiv Nadar University’s doctoral candidates will be entitled to an assistantship of ₹ 50,000 per month, with full tuition-fee waiver, for 4 years, of course on satisfactory performance, assessed continuously. The assistantship may be enhanced to ₹ 55,000 per month in the 3rd year, subject to meeting high performance standards. The enhanced assistantship will surely put the focus on SNU's strong Ph.D. programs.

We have programs that are integrated with societal needs and policies. The SNU advantage is the multidisciplinary set-up in which science-driven policy making becomes a reality. In the Centre for Public Affairs and Critical Theory (C-PACT), we have launched a post-graduate program in Water Science & Policy, led by Dr. Mihir Shah. The program has attracted attention from the global community and also the Indian government. It has received a grant of CAD 500,000 (~ ₹ 2.5 crores) from International Development Research Centre (IDRC) for 2018-21, and also committed support from Bharat Rural Livelihoods Foundation for sponsored candidates. We organized a day-long National Conference on “A New Policy Regime for Water in India” at the India International Center, New Delhi, on 27 August 2018. This Conference, attended by leading water scholars, administrators, and practitioners from all over the country, was a major step in bringing together robust knowledge, practical learning and pragmatic policy for sustainable water futures in India. Shri Nitin Gadkari, Hon'ble Minister of Water Resources, was the Chief Guest; Ms. Roshni Nadar Malhotra, CEO & Executive Director of HCL Corporation, was a keynote speaker; Mr. Amitabh Kant, CEO of Niti Aayog, and Dr. Isher Ahluwalia, Chairperson, ICRIER, were panelists, among notable others.

With immense pride, let me share with you that Professor Rajeswari Raina of SNU was the winner of the 2018 T.N. Khoshoo Memorial Award given by the Ashoka Trust for Research in Ecology and the Environment (ATREE) for "bridging science, policy and practice for sustainability".

Our faculty members have so far published 156 books and/or chapters, 706 articles in refereed journals, 839 conference papers or presentations, and had 110 exhibitions and performances. The publications are in high-impact journals such as Journal of Materials Chemistry A, ACS Applied Materials and Interfaces, Journal of Physical Chemistry Letters, Nanoscale.
The faculty members have also filed several patents. The SNU faculty have so far brought in ₹ 26.78 crores in extramural research funding, and much more is in the pipeline. The University has submitted a proposal for partnership with ISRO under the recently launched Space-National Academic Partner (S-NAP) program, in the field of Materials Science, in which we have developed a strong research and training program, supported by computational design, material fabrication, testing and characterization facilities, cutting across our Schools of Engineering and Natural Sciences.

Our doctoral students have won several awards nationally and internationally for their research, special thanks to their superb mentors at SNU, and they have also received highly competitive international travel awards for participation in prestigious conferences.

Research at the University is not limited to faculty and doctoral students. Undergraduate students are required to engage in research as part of their curriculum. They are made to understand the nuances of research and innovation, while we strengthen their foundation with a broad multidisciplinary approach and provide a depth of learning in their major subject. Our B.Tech. students have won ‘UG Engineering Students Project Grant’ from the UP Government. Our biggest differentiator is perhaps the annual extra-curricular Opportunities for Undergraduate Research (OUR) program, started in 2014, which enables undergraduate students to undertake research projects with the faculty members outside the regular curriculum. Several of our undergraduates also won top prizes in the “Students’ Research Convention” held at IIT-Kanpur on 30-31 March 2019, in the categories of ‘Computer Science & Artificial Intelligence’, ‘Energy, Environment & Climate Change’, ‘Chemistry & Chemical Processes’, and ‘Bioengineering’.

SNU started the operation of an Atal Incubation Centre [an SPV named Shiv Nadar AIC Research Foundation] in November 2017, supported by the Niti Aayog, Government of India, and it has now incubated 21 start-ups. Of these, 12 are from the Shiv Nadar University community -- 8 student-led and 4 alumni-led start-ups.

I am happy to share that a team of four undergraduate students, guided by Mr. Aakash Sinha and Dr. Sonia Khetarpaul, has won the Smart India Hackathon. It is the biggest and most prestigious Hackathon in India. The team has developed a software application based on deep learning.

The University is partnering with some of the leading international institutions, such as University of California at Berkeley, University of Queensland, for an accelerated journey towards global eminence. SNU has joined College Board’s India Global Higher Education Alliance, which supports meritorious students from lower income groups. SNU has also joined the ‘Study in India’ program launched by the Ministry of Human Resource Development (MHRD), Government of India.

The University believes in holistic education – while we are academically serious, there are many clubs and technical societies on campus and an excellent sports complex for students to pursue their passions besides the curriculum. We also offer ‘on-campus jobs’ which provide great learning experience for our students.

Shiv Nadar University ranked seventh in the MHRD Swachh Campus Rankings 2018, in University (Residential) category. This year about 6029 higher educational institutions participated in the ranking exercise, out of which 205 institutions were shortlisted. Residential facilities are being upgraded continually to make campus stay more engaging and attractive.

It is a vibrant campus. Important conferences, seminars, workshops and exhibitions get organized regularly. We have had many distinguished visitors during the period under report. To name a few, a panel discussion on “Industry 4.0/Education 4.0” was held on 14 January 2019 with Ms. Abha Kumar, CIO & Head Global Sourcing, Vanguard, USA, as a panelist. Ms. Kumar is 2018 Stevie® Gold Award Winner in the ‘The Visionary for Creating Ecosystems of Tomorrow’ category. The orientation program for the first-year undergraduates last July was particularly enriching, with talks by Prof. Anurag Kumar, Director of IISc Bangalore, Prof. V. Ramgopal Rao, Director of IIT Delhi, Ambassador Sunil Lal, Prof. R.L. Karandikar, Director of Chennai Mathematical Institute, Prof. Sukanta Chaudhuri, among others. SNU held an extraordinarily powerful ‘Women’s Summit’ on 9 March 2019, featuring speakers who have broken the glass ceiling in their chosen diverse domains. SNU hosted its first Alumni Meet on 5-6 April 2019, with very special interactions with our Trustees, Ms. Roshni Nadar Malhotra, and Mr. Shikhar Malhotra, Pro-Chancellor of SNU. Our young alumni’s onward journey is no doubt contributing to SNU’s strength.

In the annual exercise under the National Institutional Ranking Framework (NIRF), carried out under the aegis of MHRD, the total number of participating universities/institutes in 2018-19 increased substantially to 1479 from last year’s 957. The results for 2018-19 were announced by the MHRD on 8 April 2019. SNU has ranked 52 in the ‘University’ category and 77 in the ‘Overall’ category. SNU has been the youngest institution in the NIRF ‘top 100’ ‘Overall’ list in 2017, 2018 and 2019 consecutively. SNU's total score in NIRF has been going up steadily.

Shiv Nadar University has been selected as an “Institution of Eminence” by the expert committee appointed by the MHRD. The list of selected institutions is available at the UGC website <https://www.ugc.ac.in/ioe/download/Press_Note_for_release-Dec.7%202018.pdf>, though the formal notification is awaited.

Today we have the privilege of conferring honorary doctorates on four distinguished individuals, Dr. Ashok Seth, Lord Charles Powell, Dr. K. Kasturirangan and Mr. Mike Lawrie. In the presence of two eminent Guests of Honor, Mr. Arun Sarin and Dr. Isher Ahluwalia, more than 580 students, including 20 Ph.D.s, from various streams of Engineering, Natural Sciences, Social Sciences, Fine Arts and Management are going to receive their degrees, and some will be recognized with special awards and distinctions for their performance.

The Founder and Chancellor, Trustees of the Shiv Nadar Foundation, all my colleagues -- the faculty, staff and administrators, my dear students and alumni of the Shiv Nadar University, parents & family members, and friends, thank you for your support to the University, and for joining us on this momentous occasion.

“...
This copy of *Whistling Teal* is in your hands on the day of your Convocation, 18th May 2019. It indeed is a great day for you, your parents and family members. Congratulations on achieving this very important milestone in your life.

Shiv Nadar University with its multi-disciplinary and research oriented approach to education and its residential character provided you a well rounded learning opportunity. I am sure you have made best use of these opportunities in your own unique ways and you will realize the benefits of it as life unfolds itself over time.

When I was doing my Electrical Engineering at IIT Kanpur a few decades ago, I used to ask myself questions as to why I must take eight courses in Humanities and why I need to take many more courses in Engineering Sciences and Technical Arts. In my then simplistic mind, these courses made no contribution to learning of my core subject of Electrical Engineering. But now, after many decades of working in the corporate world, I realize that I have used less of what I had learned in Electrical Engineering, and a whole lot more of everything else that I learnt at IIT Kanpur, both inside classroom and outside.

Without a doubt, I believe the most important thing I learnt at IIT was the ability to understand and the ability to learn. You will realize that, while so many things change in life, continuous learning is the only constant. In everything you watch or do, there is always something to learn. There is something to learn from success and even more to learn from failures. Thus, your ability to learn, your ability to comprehend a situation and navigate yourself through it, will serve you well in life. I am sure SNU provided you opportunities to build yourself up for the future.

In my long career in the corporate world, in many geographies, and my six years at Shiv Nadar University, there are three things I have learnt which have helped me in my career and in my life. Today I would like to share these Three Mantras of Success with you. The Mantras of Punctuality (On Time Policy), Cleanliness (Clean Your Mess) and Respect for All (Dignity of Labor). Many of you have heard these before from me, several times, this is one last time. These are necessities in today's global work environment and collaboration with different nationalities. Remember PCR and you will notice how people will start treating you differently in a very positive way.

As you venture into the next phase of your life, go out with confidence, take risks and realize your dreams. Do not be afraid to fail, failure is part of the journey. In the end you will succeed, I am confident of that, as I have been watching you for the last four years.

Be a proud Alumni of Shiv Nadar University and make us proud with what you achieve. We will be applauding your success from here. Do come back to your alma mater when you have time, stay in touch in whichever way you can. I wish you a happy, healthy and fulfilling life.

Godspeed!

*Rajiv Swarup*

President, Shiv Nadar University
Shiv Nadar University Leadership

Mr. Shiv Nadar
Founder & Chairman, HCL and Shiv Nadar Foundation
Founder & Chancellor, Shiv Nadar University

Mr. Shikhar Malhotra
Executive Director, HCL Corporation
Vice Chairman, HCL Healthcare
Trustee, Shiv Nadar Foundation and The Habitats Trust
Pro Chancellor, Shiv Nadar University

Dr. Rupamanjari Ghosh
Vice Chancellor; and
Dean, Research

Mr. Rajiv Swarup
President

Dr. C V Tomy
Director, School of Natural Sciences

Dr. Ajay Dandekar
Director, School of Humanities and Social Sciences; and Director, Center for Public Affairs and Critical Theory

Maj. Gen. G. Jaishankar (Retd.)
Dean, Students’ Welfare

Dr. J P Gupta
Director, School of Engineering; and
Dean, Graduate Studies

Dr. Shubhro Sen
Director, School of Management and Entrepreneurship; and Founding Director, Extended Education and Professional Development

Mr. Sudhir Naudiyal
Registrar

Dr. Amber Habib
Dean, Undergraduate Studies

Mr. Shiv Nadar

Mr. Shikhar Malhotra

Dr. Rupamanjari Ghosh

Mr. Rajiv Swarup

Dr. C V Tomy

Dr. Ajay Dandekar

Maj. Gen. G. Jaishankar (Retd.)

Dr. J P Gupta

Dr. Shubhro Sen

Mr. Sudhir Naudiyal

GRADUATION CLASS OF 2019
Mr. Arun Sarin is the former Chief Executive Officer of Vodafone Group Plc. He graduated from the Indian Institute of Technology, Kharagpur in 1975. He was awarded the BC Roy Gold Medal for the best all-round graduating student. In 1978 he earned an MS in Engineering and an MBA from the University of California at Berkeley.

During his tenure as CEO of Vodafone Group Plc, he was the driving force behind expanding into emerging markets like, India, Turkey and Africa and growing the data and internet businesses globally. Vodafone grew to become a global brand with over 300 million customers, produced record revenues and profits and had a market capitalization of $150 billion under Mr. Sarin's leadership.

He began his career as a management consultant before joining the telecoms firm, Pacific Telesis Group in 1984. He was instrumental in the development and expansion of the company's mobile businesses. He held a series of senior management positions with Pacific Telesis. Following the demerger from Pacific Telesis Group to form AirTouch Communications, Mr. Sarin was appointed Senior Vice President Corporate Strategy and Development. He was later appointed President of AirTouch Communications where he was responsible for the company's mobile and paging operations in 14 countries. He was a key negotiator in the successful acquisition of AirTouch by Vodafone Group Plc.

He is currently a non-executive director of Accenture, Cisco, Charles Schwab and Ola, India. He has served on numerous other Boards including The Gap, Safeway and the Court of the Bank of England. Mr. Sarin also served as a Senior Advisor to KKR, a global private equity group. In 2010 he received an Honorary Knighthood from Queen Elizabeth at Buckingham Palace. Mr. Sarin has received numerous awards, including being named Global Indian of the Year in 2007 by CNN/IBN.
Dr. Isher Judge Ahluwalia, an eminent Indian economist, is Chairperson of Indian Council for Research on International Economic Relations (ICRIER), a leading think-tank based in New Delhi engaged in policy oriented research. She was Chairperson of the High Powered Expert Committee on Urban Infrastructure and Services, the Government of India, from 2008 to 2011. She was awarded Padma Bhushan by the President of India in the year 2009 for her services in the field of education and literature.

Dr. Ahluwalia's research has focused on policy oriented challenges facing the Indian economy in the areas of urbanization, sustainable public service delivery, macroeconomic issues, and industrial growth and productivity. Dr. Ahluwalia has written a number of books, the latest being “Transforming Our Cities: Postcards of Change” (Harper Collins, 2014), and a volume co-edited with Ravi Kanbur and P.K. Mohanty, titled “Urbanisation in India: Challenges, Opportunities and the Way Forward” (Sage India, 2014). She is also the co-editor together with Prof. IMD Little of “India’s Economic Reforms and Development: Essays for Manmohan Singh” (OUP, 2013), which is an updated version of the original volume published in 1998.

Dr. Ahluwalia was Chairperson, Board of Trustees of International Food Policy Research Institute, Washington D.C., from 2003 to 2006 and was on the Board of Trustees of International Water Management Institute (IWMI) from 2010 to 2016. She was a member of the Eminent Persons Group set up by the ADB President Kuroda, which submitted a Report - “Toward a New Asian Development Bank in New Asia” to him.

Dr. Ahluwalia received her B.A. (Hons.) from Presidency College, Calcutta University, M.A. from the Delhi School of Economics, and Ph.D. from the Massachusetts Institute of Technology (MIT), all in economics.
Dr. Ashok Seth is among the most celebrated cardiologists in the country today. During a career spanning over 30 years, Dr. Seth has pioneered numerous angioplasty techniques and contributed to the development of transformational technologies like Bioabsorbable Stents and Transcatheter Aortic Valve Replacement. He has implemented these successfully both in India and other regions in Asia Pacific. Dr. Seth has performed one of the highest number of angiographies and angioplasties, earning him a place in the ‘LIMCA Book of Records’.

For his unique achievements and contributions, he has been honoured with both Padma Bhushan and Padma Shri – the third and fourth highest civilian honours in the country in 2015 and 2003 respectively. He is also a recipient of the B.C.Roy National Award for most Eminent Medical Person by the President of India in 2017 and has been honoured with several other awards. He has also been honoured with the prestigious international awards of Master Interventionalist of Society for Cardiovascular Angiography & Interventions (MSCAI, USA) in 2017 and Chien Foundation Award for Outstanding Contribution to Asia & Lifetime Achievement in PCI in 2017 at Singapore.

Dr. Seth has more than 300 publications in prestigious Indian and International medical journals and has directly trained more than 500 cardiologists from India and abroad in advance techniques of angioplasty.

He is presently the Chairman of Fortis Escorts Heart Institute, New Delhi and Head of the Cardiology Council of the Fortis Group of Hospitals. He is also the Adjunct Professor of Cardiology of J N Medical College, Aligarh Muslim University and National Board of Examinations.

In conferring Dr. Seth with an Honorary Doctorate, the Shiv Nadar University recognizes his outstanding contribution to the field of medicine and advancing the field of Cardiology. His efforts and innovations have saved thousands of lives over the last three decades and will continue to do so in the future. He exemplifies the values, mission and vision of the University, which emphasizes the need for innovation in every field. He is an inspiration for the entire SNU community.

Lord Charles Powell, Baron Powell of Bayswater, KCMG is a diplomat, politician and businessman par excellence. Lord Powell was for many years Private Secretary and Adviser on foreign affairs and defence to Lady Margaret Thatcher when she was Prime Minister of United Kingdom, and held the same position in the early part of John Major’s time as Prime Minister. Since 2000 he has been a Cross-Bench member of the House of Lords and of Parliament’s Joint National Security Strategy Committee.

Prior to his time at No. 10 Downing Street, Charles Powell was a diplomat serving in the US, Germany and at the UK representation to the European Union. Since leaving the civil service in 1992 he has been an international businessman and board member of several major international organizations including Louis Vuitton Moet-Hennessy, the Jardine Matheson Group, Caterpillar and the Northern Trust Corporation, and on the Advisory Boards of Rolls-Royce, Barrick Gold and Chubb. Among other roles, he is Chairman of the Trustees of the Said Business School at Oxford University, Chairman of the British Museum Trust and a Trustee of the Aspen Institute. His association with China includes a decade as President of the China-Britain Business Council and service as Deputy Chairman of the Fudan University Business School Advisory Board.

He is an Honorary Fellow of Somerville College Oxford, of King’s College London and of the Ashmolean Museum in Oxford.

In conferring Lord Charles Powell with an Honorary Doctorate, the Shiv Nadar University recognizes his outstanding contribution to the field of diplomacy, politics and international business. His proven aptitude of providing critical direction to businesses and nations makes him an inspiration for the entire SNU community.
Dr. Krishnaswamy Kasturirangan is distinguished as one of India's most accomplished astrophysicist and space scientist. He is currently the Chairman of Inter-University Centre for Astronomy and Astrophysics (IUCAA), Chancellor of the Central University of Rajasthan, Chairman of the Public Affairs Centre, Bangalore, Chairman of the Karnataka Knowledge Commission, Member of the Atomic Energy Commission, an Emeritus Professor at the National Institute of Advanced Studies (NIAS), Bangalore, and Honorary Distinguished Advisor of the Indian Space Research Organisation (ISRO).

As the Chairman of ISRO, he oversaw the space programme of India between the years 1994 and 2003. It was his efforts during this time that registered India as one of the major space faring nations in the world. He was a Member of the Upper House of the Indian Parliament from 2003 to 2009 and concurrently the Director of NIAS, Bangalore. Dr. Kasturirangan was also the Chairman of the Committee entrusted with drafting the new National Education Policy between July 2017 and December 2018.

Dr. Kasturirangan is the only Indian to be conferred with the Honorary Membership of the International Academy of Astronautics and he also served as its Vice President earlier.

He has been conferred with the several Indian and international recognitions including the highest civilian honours in India the Padma Vibhushan, Padma Bhushan, and Padma Shri by the President of India.

In conferring Dr. Kasturirangan with an Honorary Doctorate, the Shiv Nadar University recognizes his outstanding contribution to the field of astrophysics and space science. His incessant curiosity to push the horizons of knowledge and explore the final frontier of space resonates strongly with the University's focus on research and innovation, its values, mission and vision. He is an inspiration for the entire SNU community.

Mr. Mike Lawrie is a globally celebrated business leader and IT executive. He serves as Chairman, President and CEO of DXC Technology, the world's leading independent, end-to-end IT services company, serving nearly 6,000 clients in 70 countries and from a diverse array of industries. DXC Technology was formed in April 2017 by the merger of Computer Sciences Corporation and the Enterprise Services business of Hewlett Packard Enterprise (HPE). Mr. Lawrie also serves as chairman of Perspecta, a government services IT company.

He was the President and CEO of CSC, earlier. He came to CSC from UK-based Misys plc, a global IT solutions provider to the financial services industry. Before Misys, Mr. Lawrie was a partner with ValueAct Capital, served as CEO of Siebel Systems, Inc., and spent 27 years with IBM, where he was responsible for sales and distribution of all IBM products and services worldwide.

Mr. Lawrie has served on the corporate boards of Juniper Networks, SSA Software, Symbol Technologies and Good Technology, and on the advisory board of NTT DOCOMO USA. He is a member of the Business Roundtable.

Mr. Lawrie is a trustee of Drexel University in Philadelphia, and previously served as a trustee at Ohio University. He holds a B.A. in history from Ohio University and an MBA from Drexel University.

In conferring Mr. Lawrie with an Honorary Doctorate, the Shiv Nadar University recognizes his proven leadership abilities, management skills and experience in driving some of the largest global organizations in the information technology sector. He exemplifies the qualities that the University endeavours to nurture in its students. He is an inspiration for the entire Shiv Nadar University community.
## School of Management and Entrepreneurship (SoME)

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<thead>
<tr>
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<tr>
<td>Akash Sharma</td>
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<td>Harsha Bharmadwaj B</td>
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<td>Heena Dua</td>
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<tr>
<td>Ishmeet Kaur</td>
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## Doctor of Philosophy

- **Chemistry**: Devendra Prasad, Gourav Bhattacharya
- **Life Sciences**: Naveen Kumar M
- **Mathematics**: Devendra Singh Dandotiya
- **Physics**: Naveen Kumar M
- **Economics**: K. Ganeshlenin, Nishant Mishra

## Master of Fine Arts

- **English**: Suvendu Kumar Barik, Srijan Bhushan
- **Mathematics**: Y Yogeesh Reddy, Deb Anurekha
- **Physics**: Devendra Singh Dandotiya, Praveen Kumar

## Bachelor of Science (Research) in Economics

- **Biology**: Shweta Kataria, Tarini Anchan
- **Chemistry**: Sushma Kataria, Shweta Kataria
- **Economics**: Sushma Kataria, Shweta Kataria

## Master of Fine Arts

- **English**: Avanish Shishodia, Aparajita Kumar
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Degree Recipients

Bachelor of Technology

Chemical Engineering
Anmol Sharma
Arshi Iqbal

Civil Engineering
Aashu Joshi
Aditi Avesthi
Akilesh Niranjan Swain
Avanth Gunteru

Computer Science and Engineering
A K Achyut
Abhijeet Rathore
Abhik Sarkar
Aditya Badola
Aditya Sharma
Akeesh Gupta
Akhay C
Amandeep Bhupal
Amritanshu Amit
Arant Anand Bajpai
Ankit Kumar
Anandh Gowdi
Apoov Wali
Araf Sheikh
Archn A Jain
Arumaa Shukla
Asseem Pathak
Bhavana Nelakuditi
Clint Johnson
Devansh Chauhan

Electrical and Electronics Engineering
Ashutosh Yets
Aayush Bhudandi
Aditya Chandraswami
Akshaya Krishnan
Ankit Gupta
Arnav Goyal
Aparna Wak
don
Araf Sheik
Archn A Jain
Arumaa Shukla
Aseeem Pathak
Bhavana Nelakuditi
Clint Johnson
Devansh Chauhan

Electronics and Communication Engineering
Aarushi
Abhaya Sharma
Abhishek Garg
Aditya Sharma
Akhay Choudhary
Amit Kumar Chalaka
Amulya Burj
Amulya Pul
yatiga
Anandh Gowdi
Ansh Vipperla
Anoushkrth Gool
Ansh Tandon
Arnav Kaushik
Archt Yadav
Arpit Dove
Ashish Chauhan
Ateb Jdav
Anshuman Swain
Bhavya Gupta
Bhutora Aman Jain

Mechanical Engineering
A V N S V Ravi Kran
Aakash Rau
Abhishek Dahya
Abhijeet Pakhchoudhary
Aditya Bharadwaj
Ajith Radhakrishnan
Akshay Deep Singh
Aksh Adishk Sai
Ali Azam Hashim
Aman Khatkar
Anant Anand
Anirudh N. Dibbodi
Anirudh Chauhan
Anirudh U
Anirutha Singh Roy
Antul Mohan
Ants Antimesh
Anubhav Kumar
Anumandla Pranav Malik Reddy
Ashwin Kumar

Disclaimer: This is a provisional list of degree recipients at the 5th Convocation, subject to eligibility after the end-semester examination results for Spring 2019.
Shiv Nadar University is among the first 10 institutions selected by NITI Ayog to host an Atal Incubation Centre under Atal Innovation Mission, NITI Aayog in 2017. Since its inception, the Incubation Centre has been progressively making its mark in the incubation industry, with futuristic support to its startups.

In a short span of time, the Centre has garnered much attention from various start-ups and has incubated 21 start-ups. Currently, it is incubating 8 student led start-ups; and 4 Alumni led startups from the Shiv Nadar University community.

The student led start-ups currently being incubated at AIC include:

**SNU-ON-WHEELS**

SNU-ON-WHEELS provide rental cycle service inside the Shiv Nadar University campus and aims to spread the service across the nation.

**Achievements:**
The start-up has served more than 1200 customers inside the campus of Shiv Nadar University in 6 months of service and has a 48% customer repetition rate.

**Founders:** Rahul Goyal & Siddharth

**GREEN ENERGY**

In an agro based economy such as ours, biomass a potential goldmine rots in our backyard while we try and solve problems pertaining energy crisis. The start-up plans to exploit the abundance of this abandoned gold and convert it into affordable and sustainable fuel using reliable and eco-friendly practices. The start-up endorses any sustainable activity and in support their good work with promising technological solutions.

**Achievements:**
With its ongoing pilot project, the start-up is in talks with the management of Shiv Nadar University regarding the establishment of a 60 cum biogas reactor in the college campus to extract biogas from the daily food waste.

**Founder:** Bhaskar

**FIVE ELEMENT**

Their vision and mission is to cultivate and innovate new methods to save lives from Unknown Risks on road. To explore the untapped helmet industry, and become a market leader in providing smart helmet solution to an estimated `3000 crore industry. They want to make sure the riders wear helmet mandatorily while riding a two wheeler. Hence, implementing intelligent safety system for two wheeler vehicle in order to identify and authenticate the presence of helmet on rider's head.

**Achievements:**
The start-up successfully achieved the optimization & functioning of the prototype. Till now, the prototype was large in size but now it has reduced the size to smaller than a palm. The start-up is in talks with the R&D department of Minda Corp and Suzuki Motor Corporation (India) to seek the feasibility & viability of its product into the portfolio.

Five Element is also working on the consumer behavior analysis for the target segment of 15-30 years of age group. It is also analyzing the standard testing procedures of an ISI marked helmet, to ensure the durability of the kit when installed in helmets and being tested.

**Founders:** Vishal Wasson, Ashish Sharma, Ishmeet Kaur

**SARVAA PHYTOCEUTICALS & RESEARCH LLP**

Sarvaa is involved in making research based herbal formulations and new frontiers in drug delivery system for herbs. The market is booming with herbal formulations, but Sarvaa is focused on the creation of unique herbal products and special drug delivery systems for herbs through research.

**Achievements:**
Recruited researchers and interns and has engaging with the right kind of mentors in bio and herbal products.

**Founders:** Dr. Abha Rishi, Arushie Rishi, Rishi Narendra

**THE ROUGH EDGE**

The start-up engages in working on and selling reusable sustainable products. The start-up currently engages in selling reusable notebooks.

**Achievements:**
The start-up till date has successfully sold 1000+ Notebook with a positive response throughout. It has also Shipped internationally as well. AIC is helping the start-up with product line expansion, diversification and increasing the client base. Some of the notable clients are Smile Foundation, Parkash Associates etc.

**Founder:** Umang Kheria
Entrepreneurs In Making

DEBATE AROUND

The start-up is a platform for connecting and applying for debates at national and international level.

Achievements:
The start-up is working with Skillsphere to train students in leadership and debating. The start-up has collaborated with United Youth Circuit for Exclusive Partnership, Red Tie Corporation, Arcus MUN, and Christ MUN Bangalore.

Founder: Prakhar Rathi

ZENIDA STUDIOS PRIVATE LIMITED

Zenida Studios is a Video Game Development Startup that aims to revolutionize a stagnating industry using a blend of creative storylines and gameplay mechanics, with several potentially groundbreaking proprietary algorithms.

Achievements:
Streamlined the game development pipeline, thereby, reducing the budget and time taken to design and develop the product.

Helped in developing a system for mimicking the real world through AI planning techniques.

Founders: Ashutosh Mahajan, Raghav Mittal, Tushar Raturi

23 ML

23ML is building a three way platform for fest organizers, attendees and sponsors so that it can be more memorable experience for all.

Achievements:
The start-up was selected among top 4 at Angelhack Bangalore 2018.

Founders: Gautam Padiyar, Sameer Kolhar

ALUMNI LED STARTUPS

QUARKME

QuarkMe Online Services LLP is a venture recognized by DIPP as a ‘Startup’ under the Startup India Scheme. The startup helps brands penetrate local markets, extending services including offline and online activations. QuarkMe began its operations in 2016 from Shiv Nadar University, and is currently offering services across cities including Jaipur, Jodhpur, Udaipur, Kota and Delhi. Since its inception, QuarkMe has been focused on promoting passion through different activities. While working with brands, the start-up also extends its support to college student societies and help them in getting sponsorship for events that they organize for giving better opportunities to students who are willing to showcase their passion.

Achievements:
Services offered to Swiggy, Nibs cafe, Zebronic, Molly Moo, Buskers, Uniform Tree, MobMistri, Zone by the Park, Mox Vox, Justa Sajjangarh, and Book Cafe, among others.

One of the highlight activities the start-up held recently was helping Swiggy with major promotions across Jodhpur as they launched in the city. QuarkMe continues to serve them across Rajasthan and design custom activation strategies in association with their team.

Founders: Neelam Bhatt and Saumya Bhatt

HANDWORK MART

Handwork Mart is committed to support artisans, traditional art workers, workers contributing for global value chains and workers with quite exclusive cultural skills realize their rights as workers. This goal is achieved through awareness building, promoting companies and ventures which are providing better wages and improved working conditions to their workers by making sure that government schemes and a right based approach benefit the workers.

Achievements:
Field research on various villages has been going on to select a target site on one end. On the other hand, research on appropriate clients is going on to make both ends meet.

Founders: Neelam Bhatt and Saumya Bhatt

RIGHTXDATA

RightXData provides a reliable platform extending data services ranging from data privacy, data security, data standards, data sharing, data modelling, readiness for Open data architecture and to the advanced data monetization; This will result in ploughing back revenue to run smart city initiatives.

Achievements:
Validation from Kansas City Smart city on data monetization opportunity and seriousness of cities in investment in the same

Pointed solutions for each industry and geo

Globally present founding members – each of the founder is located in a different geography, hence extending global presence and higher customer coverage.

New connects with Smart city India officials especially in Jaipur and Pune

Incubation of Ideas to focus on specific customer challenge, solution through the data journey and approach them

Founders: Amritanshu Shekhar, Rohit Handa, Divya Sharma

PREP'D

The start-up provides meal kits which contain all the ingredients one may require for a particular recipe. Procured and pre-portioned with your dietary needs in mind, and prepped (includes chopping and all other mundane tasks) to eliminate all the hassle, delivered at your house daily.

Achievements:
Garnered 20 weekly subscriptions.
Conducted a survey on more than 180+ people to have better clarity on our customers.

Founders: Ishan Singh, Jaison Jose, Samarth Bharti, Mohit Kolluri

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Handwork Mart is committed to support artisans, traditional art workers, workers contributing for global value chains and workers with quite exclusive cultural skills realize their rights as workers. This goal is achieved through awareness building, promoting companies and ventures which are providing better wages and improved working conditions to their workers by making sure that government schemes and a right based approach benefit the workers.

Achievements:
Field research on various villages has been going on to select a target site on one end. On the other hand, research on appropriate clients is going on to make both ends meet.

Founders: Neelam Bhatt and Saumya Bhatt

RightXData provides a reliable platform extending data services ranging from data privacy, data security, data standards, data sharing, data modelling, readiness for Open data architecture and to the advanced data monetization; This will result in ploughing back revenue to run smart city initiatives.

Achievements:
Validation from Kansas City Smart city on data monetization opportunity and seriousness of cities in investment in the same

Pointed solutions for each industry and geo

Globally present founding members – each of the founder is located in a different geography, hence extending global presence and higher customer coverage.

New connects with Smart city India officials especially in Jaipur and Pune

Incubation of Ideas to focus on specific customer challenge, solution through the data journey and approach them

Founders: Amritanshu Shekhar, Rohit Handa, Divya Sharma

The start-up provides meal kits which contain all the ingredients one may require for a particular recipe. Procured and pre-portioned with your dietary needs in mind, and prepped (includes chopping and all other mundane tasks) to eliminate all the hassle, delivered at your house daily.

Achievements:
Garnered 20 weekly subscriptions.
Conducted a survey on more than 180+ people to have better clarity on our customers.

Founders: Ishan Singh, Jaison Jose, Samarth Bharti, Mohit Kolluri
Shiv Nadar University has witnessed a stellar placement season this year with about 106 companies recruiting 90 per cent of the students, who opted for placements in 2018-19 (as of 23 April 2019). The global investment bank and financial services player – Goldman Sachs emerged as top recruiter this year, offering the highest package of ₹31.5 lakh. Goldman Sachs has also rolled out 7 job offers to the graduating Class. Other top recruiters on the campus included Dell, HP R&D, Futures First, American Express, ZS Associates, Zomato, Odessa, VNL, HCL, S&P Global Market Intelligence, Omax Automation, WNS, Cognizant, Ashok Leyland, and Ernst and Young LLP. The year has seen a sharp increase of 100% in highest salary as compared to last year's ₹ 15.5 lakh. Also, the average salary has increased from ₹ 5.58 lakh in 2018 to ₹ 6.3 lakh in 2019. Some of the profiles offered during the placement process ranged from Software Development Engineer, Sales Manager/Account Manager, Executive - Strategic Partner Relations, Associate QA Analyst, Global Business Development Executive, Associate Product Consultant, Marine Engineer, Content Marketing Strategist, Research Associate, and Associate Editor & Sub Editor.

A sizeable number of students from the graduating class are opting for higher studies this year as well. While they apply and await an admit in top institutions across the world, the previous Class (Class of 2018) has made Shiv Nadar University proud by securing admissions in world's coveted universities and colleges. Some of the top ranked institutions (in India) to roll out admission offers to our alumni (including in past) are Indian Statistical Institute, Institute Of Management Technology, Indian Institute of Company Secretaries of India, IIM Lucknow, IIT Delhi, National Institute of Design, and Delhi School of Economics. This year around 13 per cent of the Class of 2019 has opted for higher studies. Some of the international institutions and universities that have offered admissions to Shiv Nadar University alumni in the past and recently are: Boston University, Columbia University, Dartmouth College, Duke University, Fuqua School of Business - Duke University, Ecole des Mines de Nantes, Georgetown University, Michigan Technological University, New York University, Northwestern University, University of Chicago, Carnegie Mellon University, Washington University, University of Illinois Chicago USA, Arts et Métiers Paris Tech, Nanyang Technological University, National University of Singapore, University of Alberta Canada, and University of Leeds, UK.
Faculty Reminisces

**Prof. J.P. Gupta, Director, School of Engineering**

As Director, School of Engineering, I have had numerous occasions to meet with the students of graduating Class of 2019, in groups as well as individually, from specific departments or a mix of multiple SoE departments. The students came up with well thought out propositions wherein they had considered all aspects from their viewpoint as well as from faculty's/university’s viewpoint. Often their suggestions matched my own thinking. Any differences got resolved with discussions in a short time and implementation was ensured. They are enthusiastic about their future with start-ups, higher education, MBA, jobs with major corporations, civil services, etc. career options in mind. They have been connected with the society at large through various clubs on the campus. Thus, they are ready to face the world and contribute to make it better.

**My Message to you:** SNU has been climbing academic ladder faster than most others because of the dedicated students like yourselves. It has been a pleasure indeed to see you evolve to a mature state before our eyes, learning on the way ability to creative problem solving and critical thinking. These will help you absorb the latest developments in your field of interest and continue to march ahead. Your habit of working hard will stand you in good stead all through life. Combine it with compassion for fellow beings, ecology and environment. That will make you an alumnus on which SNU will pride itself. It is, after all, the alumni who make the reputation of a University. I would end this saying ‘Excellence is never an accident; it is the result of high intentions, sincere efforts, intelligent direction, skillful execution and vision to see obstacles as opportunities’. Whole of SNU wishes you the very best in your future.

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**Prof. C.V. Tomy, Director, School of Natural Sciences**

I can confidently say that the graduating batch consists of a group of future scientists, engineers, entrepreneurs, etc. Their interest in curricular as well as extra-curricular activities will surely make them very successful in their chosen fields. Many of them have contributed or were ready to contribute to every aspect of improvements happening in the campus.

I wish them success in all their future endeavours. Keep an identity of the SNU education so that the University's name should become synonymous with undergraduate education. In future, your identity will be connected with this University from which you had the education.

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**Prof. Ajay Dandekar, Director, School of Humanities and Social Sciences**

It was a privilege to have interacted with you over these years and I wish all of you an extremely fruitful future.

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**Prof. Dinkar Prasad, Head, Department of Electrical Engineering**

Dear Graduating Class of 2019, I have taught a course or two to many of you. I had the opportunity to further interact with some of you as your project mentor or as head of the department. I have shared your joy and frustration to some extent. Now that you are on the doorsteps of your professional life, I wish to remind you of the high ambition with which you entered this University. My best wishes for your bright future!

**My Message for you:** Patience and persistence is the key to success. Hard work has no alternative. Discover your passion, find your strength and get the best out of you.
Faculty Reminiscences

Dr. Shubhro Sen, Director, School of Management and Entrepreneurship
Director, School of Executive Education and Professional Development

I will remember the Class of 2019 for their energy and can-do spirit as well as their willingness to learn and absorb all that was thrown at them. We will remember them for the love and warmth they showered on the faculty and the lengths they went to in conveying their appreciation. They continued raising the bar with MOQSH and also proved to be gracious seniors and mentors in providing space for the BMS to find its own voice and begin to host its own flagship events. They made time to compete in various business competitions, winning prizes on every occasion and even successful induction into Atal Incubation Centre at SNU. They proved to be talented, diverse and entrepreneurial as a group and we expect great things from them on their professional journey.

My Message to you: Dear MBA Class of 2019, you are poised to succeed in life not just your career! That has been our effort from Day 1 and we want you to be proud that your training is second to none. Please remember all that you went through -- from the classroom to the villages - and how you applied it to build a next generation global business in your capstone entrepreneurship simulation.

Even as you soar, remember that your SME family will always be rooting for you and waiting to welcome you back to your school. On behalf of all of us, the entire team of School of Management and Entrepreneurship faculty and staff, we wish you the very best of luck as you embark on this exciting phase of your life journey.

Dr. Partha Chatterjee, Associate Professor and Head, Department of Economics

I think one great thing about Shiv Nadar University is the ample interaction between students and faculty members. For me, in particular, this brings great joy. While I have enjoyed such interactions with all classes that have passed out, I think it has been far more and with a wider set of students for the Class of 2019, B.Sc. (Research). As far as I can recall, even in their first year, I would meet these students in my office or in the corridors and talk about a variety of things - academic, economics society, TV shows, movies - everything! These are a bright set of people and I am not surprised that all of them have taken steps towards a career, and a life, they have cherished.

However, this year special mention has to be made for the two Ph.D. students, Bharti Nandwani and Chandan Jain who are graduating this year. They both have been part of the department from early days of the department and have contributed immensely to the development of the department. The department have relentlessly pursued excellence from the very onset - these two students have established the bar very high with the quality of work that they have done. They have responded to the request for help whenever I wanted and I express my gratitude for that. Being the first Ph.D.s from the Department of Economics, they will always bear the flag of the department no matter where they are - I couldn't have hoped for any better students than these!

Prof. Rajeswari S. Raina, Department of International Relations and Governance Studies

This outgoing batch is special; more than any previous batches. I am amazed at the steadfast commitment to learning and camaraderie, during stressful times and easy days that I witnessed in this batch. Many of my students in this graduating batch have immense respect for work, know how to have fun and be empathetic to and inclusive of others with different disciplinary backgrounds and social skills. My inter-disciplinary courses did put some of them to test. But these students leave with my gratitude for some brilliant questions they raised about our anthropocentric worldview and plausible future changes in decision making for sustainability. As they graduate with flying colours, from this student centric university of ours, I hope they will continue to engage with work and the world, with the same intense curiosity and excitement that have left an enduring mark in my mind.
Faculty Reminiscences

Dr. Devika Bordia, Assistant Professor, Department of Sociology

I greatly enjoyed teaching a lively, smart, and curious cohort. Classes were always exciting and challenging with students who were strong-willed and at the same time open to thinking through new ideas. Particularly impressive was how each of you displayed creativity, resourcefulness, and a capacity for independent research in formulating a topic for your final thesis. Congratulations on the completion of a successful undergraduate career.

My message for you: Stay alive to learning and show the same spirit and determination for challenges that come your way in the future. We will miss you on campus. Best of luck and please do keep in touch.

Dr. Nishant Mishra, Associate Dean, Students’ Welfare
Asst. Professor, Department of Mechanical Engineering

It seems just like yesterday when I walked into your class in the first year to introduce myself as a teacher for Engg. Graphics, and then there were those wonderful intro sessions! :) Today, I can proudly say that I have witnessed your batch grow from just out of school students to matured individuals ready to take on the world. At this juncture, as your friend and counselor, I want to share some of my life’s understanding with you. We must be prepared that much of what you have learned today during this course, will possibly be rendered useless in the next few years. Technology progresses with each passing day. What does not change much are the core ideas and the science. Thus, get your grip on the fundamental principles. The present learning or technology comes like a tsunami, upsetting a lot of what is already there, staying for a while, and then disappear, giving way for the next set of waves. You should have acquired the skill of those who play with waves - observe the waves coming in, take position and jump into the wave at the right time and place, and get on top of the wave. This is the skill you need to master. The ability to understand and absorb the new trends and developments, knowing that nothing much changes at the core, and coming on top quickly and efficiently. If you are ready to do that, your education has been effective.

Till now, we have been teaching you and trying to make you ready for the outside world. However, going forward, you will be our eyes to the future - a link to the outside world! Give your best shot with maximum energy, positivity and might, and you shall become the master of the waves! So, rise and shine and find the purpose for which you are here in this world, and make the most of the gift of life by God. Now is the time, your time!

It was lovely being with all of you. Please reach out to me if in case you need any help in future. I will try and help in whatever capacity I can. Keep me posted of any updates in your life.”

Mr. Rajiv Kumar Singh, Assistant Dean, Undergraduate Studies

The Class of 2019 is very close to my heart. The graduating Class of 2019 met me first during the orientation when they joined the University in 2015. Time has moved so fast and I am thrilled and sad to note that they are finishing their graduation this month. Thrilled because I am sure that the training that we have imparted has given them wings to fly and sad because I will miss seeing them everyday.

My Message for you: Never Stop yourself from trying. Keep your spirits up and conquer your dreams.
It seems like yesterday when I had joined Shiv Nadar University with a lot of enthusiasm and anxiety. The sprawling SNU campus was enthralling while the feeling of being away from home in an unknown environment was giving me jitters. But having spent 4 years in this university and being a part of the plethora of activities that SNU offers, I must say it's been an astounding journey. It's been a home away from home and it'll be extremely tough to bid this place a goodbye.

As I look back upon my journey at SNU, I see a conducive learning environment to help its students be abreast of changing global practices. SNU with its unique curriculum and outstanding faculty ensures a holistic world-class education being imparted to its students. As I prepare to embark on the journey ahead, I feel well equipped to aim high and achieve my goals - all on account of the grooming I underwent at SNU.

Anmol Sharma
B.Tech. in Chemical Engineering
The day I decided to pursue engineering, I knew I wanted more than just a degree i.e. something already a large population of our country has. Joining Shiv Nadar University has been the game changing moment of my life. Performing street plays as part of the Drama club - Imprints, to rushing for an intriguing CCC/UWE class, it all has been a roller coaster ride for me. Learning filmmaking, interacting with parents and perspective students while pursuing an on-campus-job, all came as surprise and helped me grow as a person. The experience taught me, there was life beyond the simple textbook equations and definitions. I never expected myself to become what I am today, the advice and support from seniors, the fun and late nights with friends, the hostel, and the interaction with juniors, it all has been an intrinsic part of the 4 years long journey, which would be with me for lifetime. Thank you SNU.
Memorabilia - Class of 2019

9-5? Classroom timings? Office Hours? These are a few things I don’t follow, and luckily enough, neither does SNU. Imagine playing badminton with your professors, discussing your doubts over dinner, pitching new research proposals over a cup of coffee. All this is something that I experienced during my four years here at SNU. From attending lectures at 9 in the morning to working in the labs till 5, again, in the morning, I have experienced it all. With activities around you throughout the day, this place forces you to learn how to manage your time and resources. From rushing to your lectures to reach in time, to lazing around in the SAC, I’ll cherish this experience throughout my life.

Vansh Anand
B.Tech. in Mechanical Engineering

The way in which you grow up, mature, and find out who you really are, is something you can’t accomplish without going to college. I have had my best growth as a person in SNU. My experience at SNU has taught me one fundamental thing – life is unpredictable. It might be good, it might be bad, it might be weird, and it might not interest you, but expect anything to happen. Life at SNU prepares you for all of this. It is a perfect blend of joy and hardships. You meet different people, you interact with them, you learn about their cultures, you understand politics and grow as a person. I understood how to talk to different people, how to judge their behaviour, thus, helping me with so many important experiences in my life. SNU has given me both lemons and lemonade and I am grateful for that.

Shreya Rathi
B.A. (Research) in Sociology
SNU has changed the way I perceive things and tackle challenges. It's quite clear in retrospect that deciding to come here was one of the best decisions I could've taken. The liberal atmosphere and the multidisciplinary environment made it a great learning experience and allowed me to shape my ideals and goals. Owing to the diverse backgrounds of students here, I was exposed to various ideas, and my involvement in clubs like Snuphoria and Mythya helped me grow as a person. I am glad I got to experience SNU in its growing years, and would love to see it evolve further in the years to come.

Ashwin Kumar
B.Tech. in Mechanical Engineering
Shiv Nadar University is not one of those typical Indian Universities in which you just go, pick and learn the subject you choose. With it’s wide variety of options like CCC’s and UWE’s, a student learns engineering along with humanities, management and many more. This helps an individual in discovering more about their own self and teaches how to tackle different problems in life. I realized my passion in programming and travelling which has totally changed my life for better. Even after getting admission in EEE, here I am working happily in an IT company with loads of adventurous memories from a number of trips made in the past 4 years.

Taran Pal Singh
B.Tech. in Electrical and Electronics Engineering
Prof. Rupamanjari Ghosh, Vice Chancellor, Shiv Nadar University was featured in the January-March 2019 edition of ENSEMBLE - the reputed official newsletter of the Indo-French Centre for the Promotion of Advanced Research. Supported by the Department of Science & Technology, Government of India, and the Ministry for Europe & Foreign Affairs, Government of France, the newsletter talks about her recent IFCPAR / CEFIPRA project that focuses on phase sensitive amplifications in diverse systems to improve the performance of optical communication devices. For the project, Prof. Ghosh partnered with Fabien Bretenaker and Fabienne Goldfarb from CNRS-LAC, Orsay France.

Prof. Rupamanjari Ghosh was a panelist at the prestigious International Conference on “Building World-Class Universities” organized by Deakin University and Navitas in association with the Australian Trade and Investment Commission. Sharing insights on the role of institutional leadership in improving higher education in India, Prof. Ghosh underlined the need to implement a future oriented vision.

Prof. Rupamanjari Ghosh was invited as a Distinguished Speaker and Panelist at the One-day Seminar on “Diversity, Inclusion and Internationalization in Indian Universities: Comparative Perspectives” held at Jindal Global Educational & Professional Academy, New Delhi on 19 March 2019. The Seminar was organized by the Office of Strategic Initiatives and Institutional Research and the International Institute for Higher Education Research and Capacity Building, O.P. Jindal Global University.

Dr. Parthapratim Munshi, Department of Chemistry, School of Natural Sciences, has been listed as "Metallomics: Emerging Investigators 2019" by the Metallomics journal, published by Royal Society of Chemistry. His paper titled "Cytoprotective effects of imidazole-based [S1] and [S2]-donor ligands against mercury toxicity: a bioinorganic approach" was published in the The collection of invited papers - "Metallomics Emerging Investigators" which highlights the excellent work carried out by leading scientists at an early stage of their career, typically within approximately 10 years of completing their Ph.D.

Dr. Gouriprasanna Roy, Department of Chemistry, School of Natural Sciences, has been named "Metallomics: Emerging Investigators 2019" by the Metallomics journal, published by Royal Society of Chemistry.

Mr. Abhishek Shivappagowdar, Doctoral Student, Department of Life Sciences has received three prestigious awards (2 International awards and a travel grant from ICMR) for presenting his work on "in-depth mechanistic Insights of a lethal neurotoxin, a bioterrorizing agent for development of novel chemotherapeutics." Abhishek has won the "FEBS Letters Poster Award" for the poster titled "Mechanistic insights into a pore forming Epsilon Toxin" at "Toxins 2019 - Basic Science and Clinical Aspects of Botulinum and Other Neurotoxins" held from 16-19 January 2019 in Copenhagen, Denmark. He had received the ICMR travel award for attending the conference. The conference was hosted by the prestigious International Neurotoxin Association (INA), and Abhishek’s work was specifically appreciated by INA president and editor of FEBS Letters.

Abhishek also won the 'Best Poster Prize' at the 7th International Symposium on “Current Trends in Drug Discovery Research 2019” held in CDRI, Lucknow on 20-23 February 2019. The research work was carried out under the mentorship of Dr. Soumya Pati, Assistant Professor, Shiv Nadar University and Dr. Shailja Singh, Visiting Professor, Shiv Nadar University.
A student team by Shiv Nadar University, The Deep Learners has won the third edition of “Smart India Hackathon 2019”. The team members include Rohit Agarwal, Himanshu Sharma, Suchit Jain, Abhishek Srivastava, D.C. Nikitha and Raman Dutt. Their problem statement, “Traffic Optimization using Aerial Images Captured by UAVs” was proposed by MathWorks Inc. and received more than 50 solutions from across India. The winning team also received a cash prize of ₹ 75,000, and an opportunity to incubate their project with the guidance and funding from government authorities. These students were mentored by Mr. Aakash Sinha, Assistant Professor of Practice, Shiv Nadar University; and Dr. Sonia Khetarpaul, Assistant Professor, Shiv Nadar University. With nearly 2 lakh participants, the event is the largest national-level hackathon in the world.

Ms. Nisha Yadav, Doctoral Student, Department of Chemistry was awarded a Travel grant by Department of Science and Technology (DST-SERB), to attend and present poster at the International Conference on “Multifunctional, Hybrid and Nanomaterials” held from 11–15 March 2019 at the Meliá Sitges Hotel Congress Centre, Sitges, Spain. Ms. Yadav is pursuing her Ph.D. under the guidance of Dr. Bimlesh Lochab, Department of Chemistry; title of her Poster was "Efficient synthesis of functionalized graphene oxide for gene delivery application."

Sports Contingent from Shiv Nadar University has made us proud by recording multiple victories and medals at Indian Institute of Technology Ropar’s Sports Festival - Aarohan 2019. The teams have won the Gold in Football and Basketball - Girls; a Silver in Basketball - Boys; and Bronze in Badminton Girls.
**SNU Ranked 52 in the 'University' Category: NIRF Rankings**

Shiv Nadar University is ranked ‘52’ in the ‘University’ category; and ‘77’ in the ‘Overall’ category by the NIRF (National Institutional Ranking Framework) Ranking 2019. The University was ranked 72 and 96 in the overall ranking in the years 2018 and 2017 respectively. In the University Category, Shiv Nadar University was ranked 48 and 60 in 2018 and 2017 respectively. This year, the institutions were ranked keeping in mind five parameters: Teaching, Learning & Resources; Research and Professional Practice; Graduation Outcomes; Outreach and Inclusivity; and Perception. The annual exercise is carried out under the aegis of the Ministry of Human Resource Development, Government of India.

**Monthly Stipend for Doctoral Candidates Increased**

Starting from the coming academic year in August 2019, Shiv Nadar University's all doctoral candidates will be entitled to an assistantship of ` 50,000 per month, with full tuition-fee waiver for 4 years (on satisfactory performance, assessed continuously). The assistantship may be enhanced to `55,000 per month in the 3rd year, subject to meeting 'set' performance standards evaluated by the Doctoral Committee and external experts. The enhanced assistantship will bring back the focus on Shiv Nadar University's Ph.D. programs, and will attract bright and motivated candidates. The current 2-tier Ph.D. admission process and the system of continuous monitoring of research progress, once admitted, shall be implemented strictly in all Schools, setting a high cut-off, for delivery commensurate with the vision behind this increase.

**Shiv Nadar University Partners with 'Study in India’**

Shiv Nadar University has partnered with "Study in India" - an initiative by the Ministry of Human Resource Development (MHRD), Government of India for the admission cycle of 2019-2020. The initiative helps facilitate the student fraternity from across the globe to come and experience the best of academic learning from the top institutions in India. About 150 select educational institutes from public, private and deemed universities are part of the 'Study in India' initiative. Launched in April 2018, the initiative is helmed by EdCIL (Educational Consultants of India), a central public sector enterprise (CPSE) under the Ministry of Human Resource Development (MHRD), GoI.
Shiv Nadar University is fully-focused to pave the path of an academic research-based legacy. The hard work and dedicated drive is getting its due rewards and recognitions, making the way forward extremely promising. Congratulations to all the faculty members. This section includes the details of Approved Projects for Funding (January - March 2019)

### Research Grants and Projects

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<th>School of Natural Sciences</th>
<th>3 New Projects</th>
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**Department of Life Sciences**

**Dr. Rohini Garg**

**Project Title:** Understanding structure-function relationship of Gquadruplex DNAconformation with plant developmental responses.

**Funding Agency:** Department of Science and Technology, Science and Engineering Research Board (ECR)

**Budget:** ₹ 50.34 Lakh  |  **Duration:** 3 years

**Department of Chemistry**

**Dr. Parthapratim Munshi**

**Project Title:** Exploring Ferroelectricity in Single-component Organic Molecular Crystals: Cases of Imidazoles

**Funding Agency:** Department of Science and Technology, Science and Engineering Research Board (EMR)

**Budget:** ₹ 33.25 Lakh  |  **Duration:** 3 years

**School of Engineering**

**Dr. Sumedha Moharana**

**Project Title:** Experimental and Numerical Study of Adhesive Bond/Debond Effect on Electromechanical Coupling Behaviour of Piezo-Elasto Dynamic Structure.

**Funding Agency:** Department of Science and Technology, Science and Engineering Research Board (ECR)

**Budget:** ₹ 28.22 Lakh  |  **Duration:** 3 years
The sprawling 286 acre campus of Shiv Nadar University is blessed with natural bounty and enjoys the company of diverse flora and fauna. In this edition, continuing with our exploration of medicinal plants, we bring to you Argemone Mexicana L. or Satyanashi. And, the popular Grey Francolin or Teetar prowls in the land spread across the University.

Argemone Mexicana L.

Argemone Mexicana is an important medicinal plant belonging to Poppy family 'Papaveraceae'. The plant is commonly known as 'Mexican Prickly Poppy' in English and Satyanashi in Hindi. It grows wild along the roadsides, and in wastelands, and open and fallow fields. The plant is found throughout the warmer parts of India. It is an erect, prickly, 40-90 cm high, greenish-white, annual herb. Stem and branches are characterized by yellow latex. Flowers are bright yellow, terminal, solitary and always subtended by foliaceous bracts. Flowers are also characterized by 4-6 lobed, dark-red stigma and numerous stamens.

A. mexicana is considered as an important medicinal plant in India; the yellow juice, which exudes when the plant is injured, has long been used in India as traditional medicine for dropsy, jaundice, ophthalmitis, scabies and cutaneous affections, leprosy, ulcers, conjunctivitis, inflammations and malaria fever. Different parts of this plant are used in chronic skin diseases, and also as emetic, expectorant, demulcent and diuretic; the plant possesses anti-venom property as well.

The seeds of Argemone mexicana resembling the mustard seeds (Brassica nigra) are common adulterant of mustard seeds. Mustard oil adulterated with Argemone seeds cause a dreaded disease dropsy, and vomiting, diarrhea, glaucoma, and hypertension.

Grey Francolin (Teetar)

The Grey Francolin (Francolinus pondicerianus) is a species of francolin found in the plains and drier parts of the Indian subcontinent. They are found in open cultivated lands as well as scratch forest and their local name of Teetar is based on their calls, a loud and repeated Ka-tee-tar... tee-tar which is produced by one or more birds. The loud calls of the birds are commonly heard early in the mornings. Pairs of birds will sometimes engage in a duet. During the breeding season calling males attract challengers and decoys were used to trap these birds especially for fighting.

It is a medium-sized francolin with males averaging 11.6–13.4 inches and females averaging 10.2–11.9 inches. The males weigh 260–340 gm whereas the weight of the females is 200–310 gm. The francolin is barred throughout and the face is pale with a thin black border to the pale throat. The grey francolin is normally found foraging on bare or low grass covered ground in scrub and open country, and is rarely found above an altitude of 500 m above sea level in India. The distribution is south of the foothills of the Himalayas westwards to the Indus valley and eastwards to Bengal. It is also found in north-western Sri Lanka. Introduced populations are found in the Andaman and Chagos Islands.

The main breeding season is April to September and the nest is a hidden scrape on the ground. The nest may sometimes be made above ground level in a niche in a wall or rock. The clutch is six to eight eggs but larger clutches have been noted. Food includes seeds, grains as well as insects, particularly termites and beetles.
8 January 2019
Workshop on ‘Know Your Rights’
The Office of Dean of Students’ Welfare organized a workshop on ‘Know Your Rights’ by Josh Talks. The interactive workshop covered varied topics including equality at home and work, cyber safety laws, rights regarding police, gender sensitization and consent.

10 January 2019
Talk by Dr. Aniruddha Chatterjee
School of Natural Sciences organized a talk by Dr. Aniruddha Chatterjee, Visiting Faculty, Department of Life Sciences on “Role and pattern of DNA methylation in cellular phenotype and disease”. Dr. Chatterjee is a Senior Research Fellow, Rutherford Discovery Fellow, Department of Pathology, Dunedin School of Medicine at the University of Otago, New Zealand.

10 January 2019
Talk by Col. Gopal Karunakaran
The Office of Dean of Students’ Welfare organized an open lecture on ‘Leadership & Team building’ by Col. Gopal Karunakaran, Chief Executive Officer, Shiv Nadar School. Col. Gopal's belief in education as a tool for social transformation has driven him to absorb a rich and diverse experience across all facets of school education including policy, academic leadership, operations and business; and has helped him gain important perspectives on the key drivers of the education sector in India. He is a prolific public speaker, and a sports fanatic.

14 January 2019
Panel Discussion: "Industry 4.0/Education 4.0"
Shiv Nadar University hosted Dr. Abha Kumar, CIO & Head Global Sourcing, Vanguard, USA, for a panel discussion on "Industry 4.0/Education 4.0" on 14 January 2019. Dr. Kumar is the 2018 Stevie® Gold Award Winner in the category of ‘The Visionary for Creating Ecosystems of Tomorrow’. Dr. Kumar shared her valuable industry insights. She candidly spoke on how the job market is changing and moving towards Industry 4.0. Other panelists at the discussion included Prof. Rupamanjari Ghosh, Vice Chancellor, Shiv Nadar University; and Dr. Ajay Dandekar, Director, School of Humanities & Social Sciences, Shiv Nadar University. Prof. Amber Habib, Dean - Undergraduate Studies, Shiv Nadar University moderated the discussion.

17 January 2019
Talk by Mr. Rajesh Janey
Shiv Nadar University hosted Mr. Rajesh Janey, President and Managing Director, Enterprise - India for DELL EMC at Shiv Nadar University for a talk on ‘Gen Z - The Future Has Arrived’, as part of the Leadership Talk Series. Mr. Janey brought to the session his extensive experience in the IT industry covering a range of roles and functions in sales, marketing, and services with industry leading organizations.

12 January 2019
Alumni Talk Series
The Career Development Center and Alumni Relations Office organized an interactive session among three Shiv Nadar University Alumni and students. The alumni who visited their alma mater for interaction include: Ms. Bhavini Garg (Class of 2015); Mr. Aravind K. (Class of 2016); and Ms. Aishwarya G. (Class of 2017). The theme of interaction was Alumni Life story so far… “My Journey from a Carefree Student to an Enthusiastic Professional”.

14 January 2019
Panel Discussion: "Industry 4.0/Education 4.0"
Discussion by Dr. Rohit Azad and Dr. Shouvik Chakraborty
Center for Public Affairs and Critical Theory (C-PACT) organized a lecture and research discussion on “Green Growth and the Right to Energy in India” by Dr. Rohit Azad, Jawaharlal University, Delhi; and Dr. Shouvik Chakraborty, Researcher, Political Economy Research Institute, UMASS-Amherst. Their research propose an Energy Policy with Equity, which fundamentally changes the energy mix of the Indian Economy towards greener forms of energy.

Talk by Dr. Dan Schueftan
Department of International Relations and Governance Studies organized a talk on “Current Dynamics and Future Trajectory for West Asia and the World Order” by Dr. Dan Schueftan, Head of International Graduate Program, University of Haifa.

Talk by Dr. Nabarun Roy
Department of International Relations and Governance Studies organized a talk on “The Study of Realism in India: A Case for Greater Engagement?” by Dr. Nabarun Roy, Department of International relations, South Asian University, New Delhi. The talk focused on the engagement with realism in the Indian context and underline the need to engage with realism in all its variation and nuances.

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Economics Job Talks

Talk by Prof. Sandeep Sen
The Shiv Nadar University ACM chapter organized a talk on "A Guided Tour of Randomized Algorithms" by Prof. Sandeep Sen, Indian Institute of Technology Delhi.

Talk by Ms. Devangana Mishra
Career Development Center organized a talk on “Future of Leadership is Empathy” by Ms. Devangana Mishra, Recruitment Director, Teach for India. Ms. Mishra has worked extensively as an Educational, Behavior and Social Skills Therapist; and Learning Enhancement Specialist and Adviser. After spending time in schools across New York, Indonesia and Hong Kong - she is now heading Fellowship Recruitment at Teach For India.

Republic Day Run
To commemorate India's 70th Republic Day, Shiv Nadar University organized the "Republic Day Run" on the evening of 25 January 2019 for the entire Shiv Nadar University community. The three categories participants ran for included 1 KM fun-run for family members and children of faculty, staff and residents; 5 KM run for faculty, staff and the students; and 10 KM run for faculty, staff and students.
Campus Buzz

26 January 2019
Republic Day Celebrations
Commemorating the 70th Republic Day of India, Flag hoisting ceremony was organized at the Shiv Nadar University Flag post. The flag was hoisted by Prof. Rupamanjari Ghosh, Vice Chancellor, Shiv Nadar University and sweets were distributed to everyone.

25 January 2019
Economics Job Talk
Department of Economics organized a job talk by Dr. Rahul Nath, University of Oxford on "Equity Pricing New Keynesian Models with Nominal Rigidities and Investment".

29 January 2019
8th SME Research Colloquium
School of Management and Entrepreneurship organized its 8th SME Research Colloquium on "Do traditional portfolios benefit from commodity futures exposure?" by Dr. Vikas Pandey, School of Management and Entrepreneurship, Shiv Nadar University. Dr. Pandey's research showed that commodities of agricultural sector provide the highest performance enhancement, whereas, metal and energy commodity sectors do not provide significant diversification to the traditional portfolio.

31 January 2019
Talk by Dr. Sudipto Sanyal
Department of English organized a talk on "Detours and Dead Ends: Reading the American Road" by Dr. Sudipto Sanyal, Department of English, Techno India University. The talk explored various facets of literature, and storytelling attached to the American roads; it looked at the modern development of roadways in the US and engaged with the idea of the road - as metaphor.

31 January 2019
Street Play 'Antardwand'
The health and medical services provider - Blue Circle Medi Services and the dramatics society of Shiv Nadar University - Imprints, co-presented a Nukkad Natak 'Antardwand - inner conflict' at Mount SNU. The performance depicted the depression and anxiety disorders students may go through.

30 January 2019
Talk by Mr. Kaustav Sen
Career Development Center organized a talk by Mr. Kaustav Sen, Actuarial Analyst, Willis Towers Watson on "Careers in Actuarial Science". Mr. Sen has worked primarily in the life insurance sector and come with exposure to a wide variety of projects.

31 January 2019
Talk by Dr. Andrew Cooper
Department of International Relations and Governance Studies organized a talk on "The Global South and Informal Summity" by Dr. Andrew F. Cooper, Professor, Balsillie School of International Affairs, University of Waterloo, Canada. He argued that Global South has an enhanced - albeit selective - agency in terms of informal practices. Most notably, the 21st Century has opened up for the key big 'rising' states - India, as well as China, Brazil, and South Africa.

24 January 2019
Talk by Mr. Manash K. Paul
Career Development Center organized a talk by Mr. Manash K. Paul, Head Information Security - Asia Pacific at Tata Consultancy Services, on "Cybersecurity". Drawing from his extensive experience in IT infrastructure development, information security management, IT governance, and risk management, Mr. Paul shared insights on a range of topics and themes related to Cybersecurity. Addressing issues of wide topical relevance, he shared, companies are now looking for 'Information Assurance', which is an ongoing process. The approach is more strategic in nature, unlike Cybersecurity, which is more tactical in nature.
31 January 2019

Film Screening "Good Will Hunting"
The Physics Society of Shiv Nadar University organized the screening of famous film "Good Will Hunting (1997)". Shot in the beautiful campus of MIT, the film deals with the identification of a genius but it's trickier when the genius doesn't recognize himself. The film screening was followed by a short discussion.

31 January 2019

Talk by Ms. Shaina Sehgal
As part of the Early Career Research Scholars' Colloquium, Department of History organized a talk on "Exchange Economy of the Nicobar Islands (17-18 century C.E.)" by Ms. Shaina Sehgal, Ph.D. Candidate, Ambedkar University. The talk explored connections between the ecology and culture shaped exchange in Nicobar's ecological-economy circa 1600-1700s.

31 January 2019

Talk by Dr. Divya Tiwari
Department of Life Sciences organized a seminar on "A novel strategy towards targeting cell wall of M. tuberculosis for drug discovery" by Dr. Divya Tiwari, former Post Doctoral Fellow at Weill Cornell Medicine, Dept. of Microbiology & Immunology, New York, USA.

1 February 2019

Talk by Mr. Abhishek Agrawal
Career Development Center organized a talk by Mr. Abhishek Agrawal - Independent Business Strategy Advisor - McKinsey on "Careers in Consulting".

31 January 2019

Bridge Game Session
Department of Physical Education organized a session on the card game - Bridge. The session inducted the students on game's rules, how it is played, tricks and tips that can help the player win.

1 February 2019

Economics Job Talks
Department of Economics organized a job talk wherein researchers from top institutions across the world presented their research papers. Ms. Srijita Ghosh, New York University, presented on "Costly Social Learning and Rational Inattention" via Skype call. Mr. Anup Pramanik, IIM Indore, presented his research on "Top Inseparable Domains"; and Mr. Rakesh Banerjee, Rice University, spoke on "Understanding the Role of Parents in Reinforcing Inequalities Over the Life Course".

2 February 2019

Talk by Dr. Adam Green
Department of History organized a talk on "De-urbanization in South Asia - Digital Approaches to extensive archeological survey in northwest India" by archaeologist Dr. Adam Green, Post Doctoral Fellow at King's College, University of Cambridge. The talk presented an overview of the new investigations in the process of de-urbanization, focusing on the site location data collected through a new combination of GIS based methods.

4 February 2019

Economics Job Talks
Department of Economics organized job talk wherein research from top institutions across the world presented their research papers at the Shiv Nadar University campus. Mr. Anurag Singh, Columbia University presented his paper on "Clustered Sovereign Defaults" via Skype call. Ms. Siddhi Pandey, Jawaharlal Nehru University presented on "Evolution of cooperative networks"; and Mr. Vinayak Alladi, University of California spoke on "Sour Grapes in the Lab and Field: A Test of Access-Based Beliefs".

7 February 2019

Talk by Dr. Chetan Ghate
Department of Economics organized a talk on "A Monetary Business Cycle Model for India" by Dr. Chetan Ghate, Indian Statistical Institute, New Delhi. According to his study, base money shocks have a larger and more persistent effect on output than an interest rate shock, as in the data; and the presence of an informal sector hinders monetary transmission.
Shiv Nadar University organized its annual inter-college festival Breeze 2019 at the University campus. The three-day fest included some power-packed live performances and an array of cultural, technical and sports events with participation from more than 15,000 students from over 100 institutes across the country. The theme of this year’s fest was ‘Break The Internet’. The idea of viral content has become the epitome of internet culture and the students wanted to bring the same intensity and community to Breeze this year.

To add to the excitement, the University hosted performances by renowned artists every evening during the course of the Fest. Shiv Nadar University in association with HCL Concerts hosted Mrigya, one of India’s most premier and prodigious World-Fusion ensembles on day one. Vibha Saraf performed with the band as a guest artist. She is the voice behind the song ‘Dilbaro’, from the movie, Raazi and ‘kab se kab tak’ (Gullyboy). Day two saw stand-up performances by the Comicstaan duo, Nishant Suri and Rahul Dua. The audience also witnessed a performance by ‘When Chai Met Toast’, the newest band from Kerala with infectious happy music, that transcends age, genre and even language.

C-PACT organized a lecture on “Critical Research Areas in Water Resources Sector in India” by Prof. Nayan Sharma, Distinguished Visiting Professor, Shiv Nadar University; and Honorary Professor, Nottingham University, UK. The lecture focused on critical research areas in the current Indian context, such as: climate change impacts, dam safety, and overhauling issues.

C-PACT organized a special lecture on “India's Groundwater: Recent developments in Institutional Reforms and the Model Groundwater Bill” by Dr. Mihir Shah, Distinguished Professor, C-PACT, Shiv Nadar University.

Department of International Relations and Governance Studies organized a talk on “Judicial Imperialism and the Asian Experience: Outliers and Outsiders” by Dr. Rohini Sen, Jindal Global Law School, O.P. Jindal Global University. The talk focused on understanding the resistance to mainstream international law through the outliers and outsiders in Asia whose historical suspensions of institutionalized imperialism finds faith in failures and fractures of international courts and tribunals of the modern day.

Department of Sociology organized a talk on “Thinking like a Sociologist: A Sociology Graduate’s Life Beyond Academia” by Dr. Radhika Rao, Actor/Improviser/Storyteller/Art Educator/Consultant, Ph.D. in Education, Harvard University. Dr. Rao took the audiences through the journey of her career that started simultaneously with her foray into sociology at the School. More than an academic review, the talk was a personal narrative that highlighted wider sociological themes.

School of Management and Entrepreneurship organized its 9th SME Research Colloquium on “From Pipelines to Platforms: Indian Perspective to an Emerging Organizational Field” by Dr. Parthasarathi Roy, School of Management and Entrepreneurship, Shiv Nadar University. He argued that digital platform businesses are example of an emerging organizational field. These platforms are different from the traditional view of ‘pipeline businesses’ which were linear configuration(s) of value chain.

As part of the Alumni Talk series, Career Development Center and Alumni Relations Office hosted Mr. Pranav Sridhar (Class of 2015), an alumnus of Shiv Nadar University for a talk on the “Role of Advanced Technology and Innovative Business models in Delivering Sustainable Social Impact”. Mr. Sridhar is working at Institute of Transformatve Technologies, Mumbai as a Senior Associate and he is a Co-Founder of One Day Health, Uganda. At ITT, he helps identify and bring-to-life advanced technologies in areas such as sanitation, primary health care, and access to energy and support the strategy, product development, and hypotheses testing, needed to launch sustainable social businesses.
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>14 February 2019</td>
<td>Economics Departmental Seminar Series by Dr. Soumendu Sarkar, TERI School of Advanced Studies.</td>
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<tr>
<td>19 February 2019</td>
<td>Talk by Dr. Aniruddha Chatterjee - DNA methylation in cellular phenotype and disease.</td>
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<td>15 February 2019</td>
<td>Cross Country Run across Shiv Nadar University campus</td>
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<td>16-17 February 2019</td>
<td>Workshop on &quot;Building Information Modelling&quot;</td>
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<td>15 February 2019</td>
<td>Talk by Prof. Srinath Raghvan on the US in South Asia</td>
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<td>18 February 2019</td>
<td>Talk by Prof. Subhabrata Sen - Career in Chemistry</td>
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<tr>
<td>19 February 2019</td>
<td>Talk by Dr. Aniruddha Chatterjee - DNA methylation</td>
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<tr>
<td>20 February 2019</td>
<td>Revivus 2019 - Annual Photography Exhibition by VisuallySNU</td>
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<td>Date</td>
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<td>22 February 2019</td>
<td><strong>Economics Departmental Seminar Series</strong>&lt;br&gt;Department of Economics organized a seminar on the effect of maternal time use on food intake of young children in Bangladesh by Dr. Monica Jain, International Initiative for Impact Evaluation. Complementary child feeding practices are poor in Bangladesh and they have improved minimally over time, especially for children 6-23 months. According to the study by Dr. Jain, multi-tasking childcare time has no consistent effect on food intake of children either by age or gender. Maternal time on work outside home has a positive effect on their own and somewhat on their child's food consumption.</td>
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<td>27 February 2019</td>
<td><strong>Project Room Presentations</strong>&lt;br&gt;Department of Art and Performing Arts conducted the Project Room Presentations showcasing the work of MFA students. The Presentations included the works of Anurekha Deb, Shruti Doshi, Rageshree Ranade, Dhaivat Shah, and Bhagwati Prasad.</td>
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<td>1 March 2018</td>
<td><strong>Talk by Dr. Vinod Kumar Tiwari</strong>&lt;br&gt;Department of Chemistry organized a Colloquium on &quot;Click inspired Synthesis of Glycohybrid molecules of Chemotherapeutic Potential&quot; by Dr. Vinod Kumar Tiwari, Department of Chemistry, Institute of Science, Banaras Hindu University.</td>
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<td>1 March 2019</td>
<td><strong>Poetry Recitation by Mr. Michael Creighton</strong>&lt;br&gt;Department of English organized a poetry reading session with the acclaimed poet Mr. Michael Creighton. Mr. Creighton recited poems from his book 'New Delhi Love Songs.' He is a renowned poet and a library movement activist.</td>
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<td>5 March 2019</td>
<td><strong>Talk by Dr. Deepa Prakash</strong>&lt;br&gt;Department of International Relations and Governance Studies organized a talk on &quot;Gender and Conflict: Making the 'invisible visible' in International Security&quot; by Dr. Deepa Prakash, DePauw University, USA. The talk explored answers to important questions like why does gender matter to our understanding of international security; and how can we use a gender lens to analyze different security problems and issues?</td>
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<td>7 March 2019</td>
<td><strong>Talk by Dr. Adrija Dey</strong>&lt;br&gt;The Gender Committee of Shiv Nadar University organized a talk on &quot;Unsettling Structures and Unshackling Lives: Addressing Gender-based Violence in Indian Colleges and Universities&quot; by Dr. Adrija Dey, British Academy Post-Doctoral Fellow, SOAS, University of London.</td>
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<td>7 March 2019</td>
<td><strong>Yoga Nidra</strong>&lt;br&gt;Department of Physical Education started Yoga Nidra - 'Yogic Sleep' sessions i.e. a state of conscious relaxation without effort. The sessions are conducted every Thursday now.</td>
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<td>5 March 2019</td>
<td><strong>Industry Talk by Mr. Nitin Katyal</strong>&lt;br&gt;Career Development Center organized a Talk on &quot;Strategy Revamp of Hilti&quot; by Mr. Nitin Katyal, Director Sales – North Zone, Hilti. The Hilti Corporation is a multinational organization that develops, manufactures, and markets products for the construction, building maintenance, energy and manufacturing industries.</td>
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<td>7 March 2019</td>
<td><strong>Talk by Dr. Amit Pathania</strong>&lt;br&gt;Department of Life Sciences organized a talk on &quot;Malonyl-CoA and (p)ppGpp set the pace for Staphylococcus aureus resistance and bypass of FASII inhibitors&quot; by Dr. Amit Pathania, Post-Doctoral Fellow, Biochemistry &amp; Molecular Genetics, Micalis Institute, INRA, AgroParisTech, Université Paris-Saclay, Jouy-en-Josas, France.</td>
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<td>21 February 2019</td>
<td><strong>Talk by Prof. Arvind Ayyer</strong>&lt;br&gt;Department of Mathematics organized a seminar on &quot;Two Species Semipermeable Exclusion Processes&quot; by Prof. Arvind Ayyer, Indian Institute of Science, Bangalore.</td>
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<td>20 February 2019</td>
<td><strong>Talk by Dr. Amit Pathania</strong>&lt;br&gt;Department of Life Sciences organized a talk on &quot;Malonyl-CoA and (p)ppGpp set the pace for Staphylococcus aureus resistance and bypass of FASII inhibitors&quot; by Dr. Amit Pathania, Post-Doctoral Fellow, Biochemistry &amp; Molecular Genetics, Micalis Institute, INRA, AgroParisTech, Université Paris-Saclay, Jouy-en-Josas, France.</td>
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Shiv Nadar University organized its first ever Women's Summit at the campus. The day-long event turned out to be a big hit among the students, and attendees with a stellar line of women speakers. Some of the renowned women speakers who delivered a talk and interacted with students during the event include Ms. Roshni Nadar Malhotra, Executive Director & CEO, HCL Corporation; Vice Chairperson, HCL Technologies; Trustee, Shiv Nadar Foundation; Ms. Mira Kulkarni, Managing Director and Founder, Forrest Essentials; Ms. Anjali Gopalan, Trustee, Indian National Congress; Ms. Sharmishtha Mukherjee, Kathak Dancer; Choreographer; and Politician; Ms. Geeta Chandran, Founder and President, Natya-Vriksha Dance Company; Ms. Nita Kapoor, Advisory Council Member, Centre of Excellence for Clean Air, IIT, Delhi; and Ms. Sangeeta Talwar, Leadership and Gender Diversity Speaker; Managing Partner, Fly Vision Consulting, among others. The summit explored life journey of highly successful women from diverse fields.

Department of History organized a talk on "New Archaeological Work in the Indus Valley, the Project Modeling the Origins of Agriculture in South Asia (ModAgrO) and the JASPAR Initiative" by Dr. Marco Madella, Professor, Department of Humanities, at Universitat Pompeu Fabra in Barcelona. He discussed the latest archaeological work that is being carried out in the central Indus Valley (Sindh, Pakistan) by a collaboration between Pakistani, Spanish and Japanese researchers.

According to his study, the vulnerability to hazards faced by riverine population are a function of the population's spatial location within the flood plain and status of the community within social hierarchy.

Department of Economics organized a seminar on "Jumping the Barrier: Interaction between Human and Bacterial Amyloidogenic Proteins and its Consequences" by Dr. Neha Jain, Assistant Professor, Ahmedabad University.

Department of Economics organized a talk on "Culture & Market: A (Macroeconomic) Tale of Two Institutions" by Dr. Mausumi Das, Delhi School of Economics. Her talk explored the macroeconomic implications of cultural transmission of occupational traits.

Department of International Relations and Governance Studies organized a talk on "Reimagining International Economic Law" by Dr. Prabhash Ranjan, Assistant Professor, South Asian University. According to him, the international investment law regime needs to be redesigned keeping in mind the compromises of embedded liberalism and the basic principles of international rule of law.

Department of Economics organized a talk on "The Contemporaneous and Long Run Effects of Son Preference on Crime" by Dr. Rashmi Barua, Tata Institute of Social Sciences, Mumbai. Using district level census data from India from 1961 to 2001, the talk explored the contemporaneous and long term effects of son preference, proxied by child sex ratio (CSR), on crime.

Department of Physical Education organized a Tribute Walk/Run in the memory of 40 brave martyred CRPF personnel in the Pulwama attack. The run was conducted to show our support to the brave soldiers; it was followed by 2 minutes of silence.

Department of Sociology organized a talk on "Oral History - Understanding History as Subjective Experience" by Prof. Dorothee Wierling, Retired Professor, Centre for Research in Contemporary History, University of Hamburg, Currently Senior Fellow Tagore International Centre for Advanced Studies (ICAS) Delhi. Ms. Wierling is a German historian interested in the social and experiential history of German history since the late 19th century.
19 March 2019

Talk by Dr. Abhishek Tewari

Department of Mechanical Engineering organized a talk on "Knowledge and data driven approach towards novel materials discovery" by Dr. Abhishek Tewari, École Polytechnique Fédérale de Lausanne, Switzerland. His talk focused on the application of multiscale materials modeling and computational materials science for discovery of novel materials through few case studies.

26 March 2019

10th SME Research Colloquium

School of Management and Entrepreneurship organized its 10th SME Research Colloquium on "Young VC Firm Entry Style and Long Term Success: Evidence from the United States" by Dr. Ankur Mehra, School of Management and Entrepreneurship, Shiv Nadar University; and Dr. Rama Seth, IIM Calcutta.

28 March 2019

Talk by Dr. Mahuya Bandyopadhyay

Department of Sociology organized a talk on "Carceral Entrapment - Views from the Prison/Street Interface in India" by Dr. Mahuya Bandyopadhyay, Associate Professor, Humanities and Social Sciences, Indian Institute of Technology, Delhi. His paper is an instantiation of the prison/street nexus in India, while drawing on the methodological ideas from ethnographic practice in prisons.

28 March 2019

Talk by Dr. Brototi Roy

Department of International Relations and Governance Studies organized a talk on "Unburnable Fuels: Grassroot Struggles and Proposals from the Environmental Justice Atlas" by Ms. Brototi Roy, Ph.D. scholar, Environmental Sciences Technology Institute and Autonomous University of Barcelona. The talk aimed to provide an understanding of the Blokedia movement and its role in shaping the policies and practices of fossil fuels used around the globe.

28 March 2019

Discussion with Mr. Sukumar Muralidharan

Department of International Relations and Governance Studies organized a discussion with Mr. Sukumar Muralidharan, O.P. Jindal Global University on his book Freedom, Civility, Commerce: Contemporary Media and the Public.

28 March 2019

Workshop on "Conceptualizing Doctoral Research"

Department of International Relations and Governance Studies conducted a two days long workshop on "Conceptualizing Doctoral Research". The workshop focused on how to develop rationale for a study and fine-tune a research question, literature review, research methods, research ethics, academic writings, and career prospects.

29-30 March 2019

Workshop on "Conceptualizing Doctoral Research"

Department of International Relations and Governance Studies conducted a two days long workshop on "Conceptualizing Doctoral Research". The workshop focused on how to develop rationale for a study and fine-tune a research question, literature review, research methods, research ethics, academic writings, and career prospects.
Shiv Nadar University organized the Women's Summit 2019 at the campus on 9 March 2019. The day-long event turned out to be a big hit among the students, and attendees with a stellar line of women speakers. Catch the glimpses of renowned women speakers who delivered a talk and interacted with students during the event:

Ms. Roshni Nadar Malhotra, Executive Director & CEO, HCL Corporation; Vice Chairperson, HCL Technologies; Trustee, Shiv Nadar Foundation

Ms. Anjali Gopalan, Founder and Executive Director, The Naz Foundation Trust

Ms. Mira Kulkarni, Managing Director and Founder, Forest Essentials
Ms. Geeta Chandran, Founder and President, Natya-Vriksha Dance Company

Sanjna Kapoor, Theatre Artist

Ms. Sharmishtha Mukherjee, Kathak Dancer, Choreographer, and Politician - Indian National Congress

Ms. Nita Kapoor, Advisory Council Member, Centre of Excellence for Clean Air, Indian Institute of Technology Delhi

Ananya Chandra, Innovation Professional, AGNI

Prof. Rupamanjari Ghosh, Vice Chancellor, Shiv Nadar University

Shruti Singh, Head - Human Resources, POPxo

Ms. Sangeeta Talwar, Leadership and Gender Diversity Speaker; Managing Partner, Fly Vision Consulting

Riddhi Dasgupta, Model, Stylist, Fashion Business Student
Shiv Nadar University hosted its first ever Alumni Meet on 5-6 April 2019; and welcomed over 150 alumni from across the country for a two-day trip down the memory lane. With limited time on hand, there was much more to catch-up on and experience. The preceedings began with President's dinner, hosted by Mr. Rajiv Swarup, President, Shiv Nadar University. The evening turned out be a great unwinding session, as old friends and interacted with each other, enjoyed the dinner and Karaoke session.

The next day started early with a Power Hour, wherein, the alumni assembled for various sports activities and Yoga. Following this, was the department tea - a chance to meet faculty and the current students.

During the next session, Prof. Rupamanjari Ghosh, Vice Chancellor, Shiv Nadar University met the alumni and shared updates on University's progress with them.

One of the highlights of Alumni Meet were the Hop-on Hop-off bus rides showing around how the University has changed and developed to accommodate our growing community.

The Alumni Meet came to a close with the much awaited meeting with the Founding Family, as the alumni met and interacted with Ms. Roshni Nadar Malhotra, Executive Director & CEO, HCL Corporation; Vice Chairperson, HCL Technologies; Trustee, Shiv Nadar Foundation; and Mr. Shikhar Malhotra, the Executive Director and Board Member of HCL Corporation; Trustee, Shiv Nadar Foundation; and Pro-Chancellor, Shiv Nadar University. The alumni received valuable advice about what it means to have a holistic education, a global career, and a vision for the world from the young power couple. The event ended with an alumni band performance and gala dinner.
Shiv Nadar University organized its annual inter-college festival Breeze 2019 at the University campus from 8-10 February 2019. The three-day fest included some power-packed live performances and an array of cultural, technical and sports events with participation from more than 15000 students from over 100 institutes across the country.

The theme of this year’s fest was ‘Break The Internet’. The idea of viral content has become the epitome of internet culture and the students wanted to bring the same intensity and community to Breeze this year.

The event comprised activities organized by over 50 clubs on campus. The cultural events included categories ranging from the performing arts like dance, music, drama and oration to many more spheres like business, gaming, literature and art. The India Film Project in collaboration with Shiv Nadar University conducted a workshop on the nuances of filmmaking. Participants were taken through the basics of setting up a film, the content and conflicts involved and finally the resolution. Pre and post production aspects were also discussed in detail.

Myriad technical events involved activities around coding, design, robotics etc. The zeal of the fest was evident on the field as it was in auditoriums and halls, with sports including but not limited to badminton, football, tennis and martial arts as well as indoor sports like chess and table tennis.

To add to the excitement, the University hosted performances by renowned artists every evening during the course of the Fest. Shiv Nadar University in association with HCL Concerts hosted Mrigya, one of India’s most premier and prodigious World-Fusion ensembles on day one. Vibha Saraf performed with the band as a guest artist. She is the voice behind the song ‘Dilbaro’, from the movie, Raazi and ‘kab se kab tak’ (Gullyboy). Day two saw stand-up performances by the Comicstaan duo, Nishant Suri and Rahul Dua. The audience also witnessed a performance by ‘When Chai Met Toast’, the newest band from Kerala with infectious happy music, that transcends age, genre and even language.

Breeze is a platform for all the college students to come together to showcase their creative side. It provides the students with an opportunity to take some time off from their academic routine and participate in the fun-filled extravaganza. The audience at the festival were from a diverse crowd of people consisting students, families of Shiv Nadar University, corporate professionals and members of HCL as well as Shiv Nadar Foundation.
**School of Engineering**

**Department of Mechanical Engineering**

**Dr. Ramesh Gupta**

*Book Chapter*

Ramesh Gupta Burela, Dinesh Kumar Harursampath; “Asymptotic Analysis of Hyperelastic Shells”; *Recent Developments in the Theory of Shells*, Edited by Holm Altenbach, Jacek Chrościelewski, Victor A. Eremeyev, and Krzysztof Wiśniewski; Springer

Ramesh Gupta Burela, Dinesh Kumar Harursampath; “Multifunctional Polymer Composites for 3D and 4D Printing”; *3D and 4D Printing of Polymer Nanocomposite Materials: Process, Applications and Challenges*, Edited by Kishor Kumar Sadasivuni, Kalim Deshmukh, and Maniam Ali S A Al-Maadeed; Elsevier

**School of Natural Sciences**

**Prof. Deepak Sehgal**


**School of Humanities and Social Sciences**

**Department of Design**

**Dr. Jaya Menon**

*Book:*

Kumar P., *Kumar V.*, “Teaching creative design to undergraduate engineering students — Some experiences”; *Smart Innovation, Systems and Technologies*

Kumar V., “Indian Cultural Practices as a Manifestation of Environmental World View — An Exploration as a Tool for Environmental Stress Mitigation”; *Smart Innovation, Systems and Technologies*

**Department of History**

**Dr. Jabin Thomas Jacob**

*Book:*

“The “Regional” Approach in Xi Jinping’s Governance Strategy”; Manoranjan Mohanty (ed.) *China at a Turning Point: Perspectives after the 19th Party Congress*

*Book Review:*


**Department of International Relations and Governance Studies**

**Dr. Prem Chandra Pandey**

*Book:*

Pandey P.C., Sharma L.K.; *Advances of remote sensing for natural resource monitoring*; Wiley

**Centre for Environmental Sciences and Engineering**

**Dr. Harpreet Singh Arora and Dr. Harpreet Singh Grewal**

Harpreet Singh Arora, A. Ayyagari, J. Saini, K. Selvam, S. Riyadh, M. Pole, *H.S. Grewal*, S. Mukherjee; “High Tensile Ductility and Strength in Dual-phase Bimodal Steel through Stationary Friction Stir Processing”; *Scientific Reports*

Jaskaran Saini, Harpreet Singh Arora, Gopinath Perumal, Aditya Ayyagari, Riyadh Salloom, Harpreet Singh Grewal, Sundeep Mukherjee; "Excellent Corrosion Resistance of Dual-phase Bimodal Stainless Steel"; Steel Research International

G. Perumal, A. Chakrabarti, H.S. Grewal, S. Pati, S. Singh, Harpreet Singh Arora; "Enhanced Antibacterial Properties and Cellular Response of Stainless Steel through Friction Stir Processing"; Biofuelling

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Dr. Gouriprasanna Roy


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Dr. Bimlesh Lochab

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Department of Chemistry And Department of Electrical Engineering

Dr. Gouriprasanna Roy (Chemistry) and Prof. Vijay K. Chakka (Electrical Engg.)

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Department of Mathematics

Dr. A. Satyanarayana Reddy


Dr. Sudeep Bhattacharya

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Dr. Lal Mohan Saha


L.M. Saha, Sadanand Prasad; "Complexity Dynamics of Invertible Hénon Map"; Indian Journal of Industrial and Applied Mathematics

Department of Physics

Dr. Priya Johari

Farjana J. Sonia, Manoj K. Jangid, M. Aslam, Priya Johari, Amartya Mukhopadhyay; "Enhanced and Faster Potassium Storage in Graphene in Respect to Graphite: A Comparative Study with Lithium Storage"; ACS Nano

Dr. Santosh Kumar

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Dr. Samarendra P. Singh

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Dr. Samarendra P. Singh and Dr. Sajal Kumar Ghosh


Department of Physics and Department of Chemistry

Dr. Sajal Kumar Ghosh and Dr. Syed Kamil (Physics) and Dr. Gouriprasanna Roy (Chemistry)


Department of Life Sciences

Dr. Manasi Mishra


Dr. Moumita Karmakar

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Centre For Environmental Sciences and Engineering

Dr. Prem Chandra Pandey

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Dr. Vijay Kumar

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In Media

**The Week**

**A biennale for Everyman**

By Baise Kri/ shamachar

January 12, 2019 11:30 IST

I start with a sad story. It has been a month since the Kochi-Muziris Biennale, South Asia’s biggest contemporary art festival, began successfully. However, a lump in the throat still remains. Soon after the biennale had started, I was told that one of my closest friends had passed away in his sleep. Tushar Jha was an ardent art lover too and being an educator nothing beats his practice. He was always socially conscious and politically critical.

**Wire**

**SNU concludes annual inter-college fest - “BREEZE 2019”**

*S* *niversity/News*

April 16, 2019

The annual inter-college fest „BREEZE 2019” was successfully concluded on April 13, 2019. The fest was organized by the students of the Snu Business School.

**Live Mint**

**Azim Premji University, Shiv Nadar University, BHU and 15 others recommended for IoE status**

2 min read. Updated: 07 Dec 2018, 11:34 PM IST

Prashant K. Nanda

HRD ministry said an empowered committee has suggested 12 names from the private university space and seven from the government university space for final consideration.

**Deccan Express**

**E CELL, SHIV NADAR UNIVERSITY ORGANISES A SUCCESSFUL VENTURE CHALLENGE 2.0**

By Divya Ghosh

March 20, 2019

The event was held on 13th March 2019 by E Cell, Shiv Nadar University’s student body

**Shiv Nadar University invites applications for UG programmes**

March 25, 2019

Chennai: Shiv Nadar University, a multidisciplinary university in the private sector, on Wednesday announced that admissions are open for its undergraduate programmes for the 2019-20 academic year.

A release from the university said interested applicants can submit their application form available on www.snu.edu.in latest by May 31.
Whistling Teal appreciates the Shiv Nadar University Community for their valuable inputs and contributions

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**Disclaimer:**
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