

Reflection

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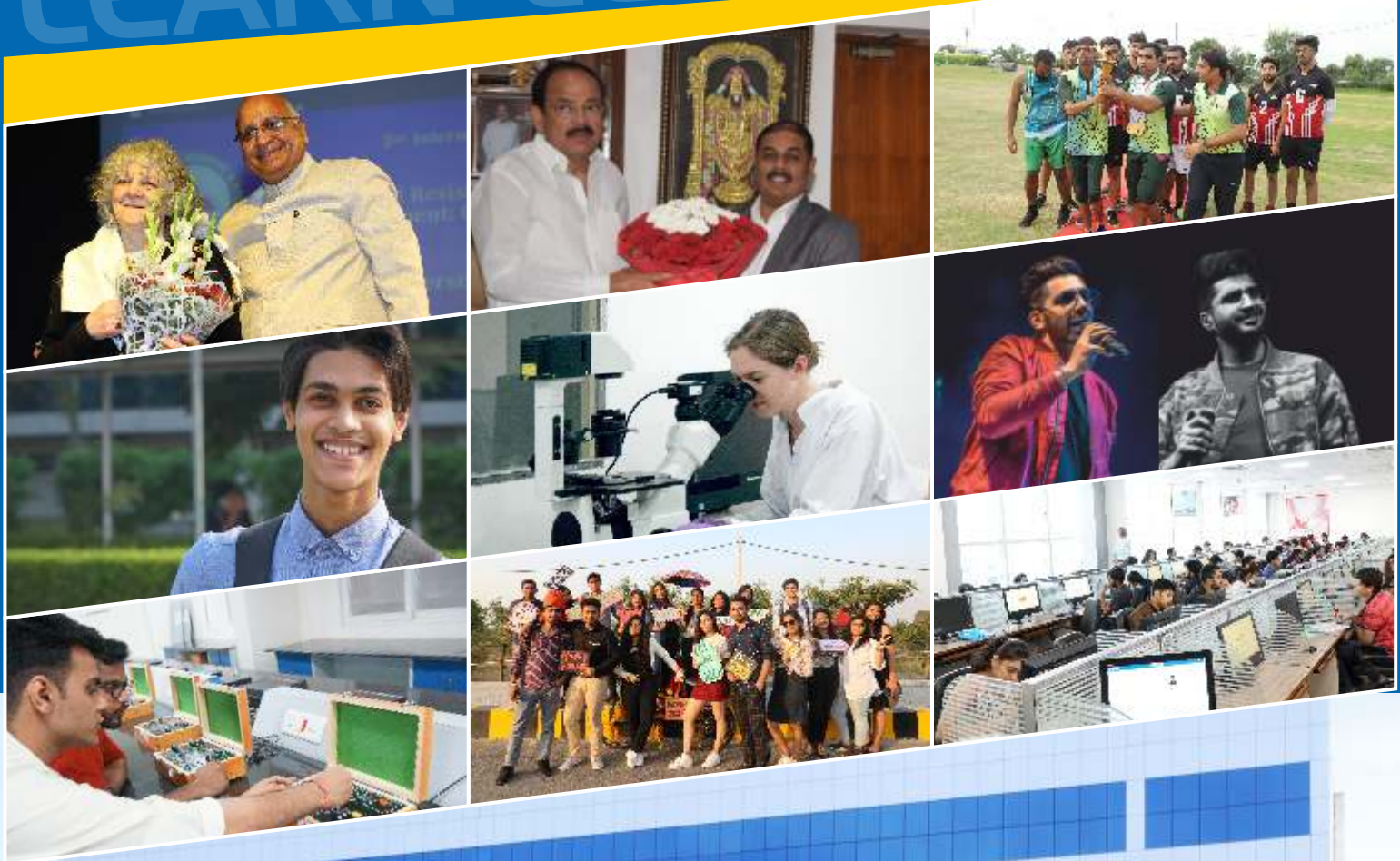
SRM
UNIVERSITY
DELHI-NCR, SONEPAT

Established under Haryana Private Universities Act 2006 as amended by Act 8 of 2013
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A UNIVERSITY NEWSLETTER

Patron : Dr P Prakash | Editor : Dr Sam Raj Nesamony

LEARN LEAP LEAD





Artistic View of SRM University, Delhi-NCR, Sonapat

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*Wish all
new-comers a*

Wonderful new academic year

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Editorial Board & Acknowledgement

Editorial Board : Patron: Dr. P. Prakash, Vice-Chancellor; **Editor:** Dr. Sam Nesamony; **Assistant Editor:** Dr. Debosmita Biswas; Dr. Sanziou Boro; Dr. M. K. Senthil Babu; Dr. Sanil Neelakandan, and Dr. M. Lydia. The Editorial Team sincerely acknowledges the unstinting support and diligent guidance of the university administration, faculty, staff and students for their timely help in making this newsletter fabulously.

Chancellor's Preface



Dear Vice Chancellor, Registrar, Deans, Faculty & Staff

It gives me immense pleasure and pride that SRM University has been successful in envisaging and creating a holistic environment where science, technology and humanities created a tripartite structure of strength – both mind and spirit.

Last year “Reflection” was received with great enthusiasm by the staff and students of SRM University. I am glad to acknowledge that “Reflection 2019” has achieved greater heights, and sky is only the limit.

Education in general and higher education in particular has been the reason behind the most unique changes in our society. The 5th century B.C. Greek philosopher Heraclitus said that change is the only constant in our lives; and thus, the only element that can lead to any change anywhere is education. Various philosophers, social thinkers, writers, educators, politicians and scientists have conceptualised their own definition and vision of education – Nelson Mandela in his race-divided country envisioned education as the weapon that could change his nation. However, to me, education is not just the weapon which can change the world, rather it is also the balm that would cure our society of its rudimentary, archaic taboos and render a sensibility and sensitivity towards inculcating a greater sense of compassion towards the various “differents” that constitute what we normally call “human society”.

The entire world is talking about Industry 4.0 revolution. Human civilization in these many centuries have been a witness to many revolutions, and it is a redundancy to mention the achievements of such great events. Today, when we are knocking at the door of Industry 4.0 revolution, we are about to witness the greatest “marriage” of human race – a union between education and industry. No discipline or branch of education, be it science or humanities will remain indifferent to this new era of technology.

With this pride and vision, I congratulate everyone who is relentlessly and rigorously working towards strengthening the spirit of education.

Best wishes.

Ravi Pachamoothoo

Chancellor
SRM University, Delhi-NCR
Sonapat, Haryana



Vice-Chancellor's Vision

The way forward...

Dear Colleagues, Students and well-wishers,

It is the time when spring blossoms at SRM University Delhi-NCR, Sonapat (SRMUH). It is indeed a delightful sight to witness young minds spurring up with energy like a butterfly that pops out of a cocoon. I welcome the vibrant minds with wide arms into this citadel of higher education. To every fresher, the alumni and the existing students alike, the most anticipated newsletter "REFLECTION" helps us to take a break and have insight of all joyous occasions that the institution has envisioned in the last seven months.

Research and Academics is inseparable and thereby follows a symbiotic approach at SRMUH. Drastic transformation took place in the recent past as we move into multi-faceted industry oriented pedagogy being introduced to the students. It gladdens me to proudly note that SRMUH is India's first University powered by NASSCOM FutureSkills®. This enables an industry driven learning ecosystem to get India accelerated on the journey to building skills and becoming global hub for talent in emerging technologies. Another golden feather to the crown is the fact the SRMUH is amongst the first IET academic affiliate in the state of Haryana. It is also noteworthy to welcome two new friends from the industry to be infused with academia at SRMUH. Besides our beloved IBM India, we are happy to see that KPMG India and Xebia Academy have kick-started two most sought after programmes viz. BBA in Business Analytics and B.Tech in CSE with specialization in DevOps respectively.

Our hall of fame with regard to the academic membership is overwhelming: The Institution of Engineers of India (IEI), India Concrete Institute (ICI), Indian Society for Technical Education (ISTE), Association of Commonwealth Universities (ACU) and so on. We have also established the Institution Innovation Council (IIC) as per the directions of the MHRD, Govt. of India. The grand jury awards from Education World awarded 4th and 6th positions for "Student Diversity" and "Professional Education" respectively. The international front is no way different and has extended its bouquet to more than 20 institutions with regard to international institutional collaboration. A cohort of 22 students headed by 2 faculties from engineering discipline under the guidance of the International Relations office was able to spend a fortnight at Providence University, Taipei in Taiwan. The office of the international relations has been phenomenal in terms of establishing a comprehensive trust and goodwill among the students where many students availed services for their mobility and career progression. A Global Academic Centre (GAC) and International Culture and Language Centre (ICLC) are also underway to bestow students with cultural extravaganza of German, French, Korean,

Mandarin and Spanish to name a few. One of the biggest inspirations to everyone including me at SRMUH was those humble words of Prof. Ada Yonath (Noble Laureate from Weizmann Institute, Israel) on the occasion of the AMR: International Conference held during March 17-19, 2019:

"I learnt a lot from this conference"

I seldom hesitate to spread the word to ignite and instill this very thought that education has neither boundaries nor limitations and one needs to be a learner throughout his/her life. I have also sent my remarks and comments on the New Education Policy (NEP) draft and welcome the country's broadminded approach to take Indian education to the next level. SRMUH is ready to undergo and support the initiatives taken by the MHRD and believe that it also spins-off to enforce the Ministry of Education in the near future.

The astounding news of our Founder Chancellor, Dr. T. R. Paarivendar elected as Member of the Parliament is worth mentioning. He voiced his thoughts on the need for indigenous education for the betterment of education standards in the country. I would like to pledge my gratitude to the leadership of Shri Ravi Pachamoothoo, Chancellor of SRMUH and Chairman of SRM Group of Institutions, who has been kind enough to introduce "Beti-Bachao, Beti-Padao" scheme where each and every girl student is given a 20,000 INR waive off on students accommodation.

Prof. Samuel Raj, Dean Academics has been pivotal in revamping the entire system in academics by stressing the need to have choice based credit system (CBCS) and also motivating the faculties to come with plethora of research proposals and publications of research papers. I would like to thank all the teaching and non-teaching staff, and in particular, Dr. Manish Bhalla, Registrar for their innumerable contribution to make success strides in the education vertically. Dr. Sam Raj Nesamony and the Editorial Team need a special appreciation for their efforts and pain in publishing this dossier of carefully collated memories.

I am grateful and thankful to the visitor of our university: Hon'ble Governor of Haryana, the Chief Minister, the Minister of Higher Education and all other officials, who were very benign, always supportive to our university.

We are all older than yesterday and younger than tomorrow, let us continue to strive together to culminate in all endeavours.

WarmWishes

P. Prakash
Vice-Chancellor



SIGNATURES

Chancellor meets Vice President of India



The Founder Chancellor, and Chancellor felicitate Shri. M Venkaiah Naidu, Hon'ble Vice-President of India

The Founder Chancellor, Dr. Paarivendar and Chancellor, Shri. Ravi Pachamoothoo met Hon'ble Vice President of India Shri. Venkaiah Naidu at his office on July 26, 2019. It is considered to be a landmark meeting as SRM University Delhi-NCR, Sonapat, Haryana, since its inception, always acknowledges and collaborates on the educational programmes conceptualized, initiated and implemented by the Government of India. The Chancellor and team, inter alia, not only felicitated the Vice President, but also discussed issues on higher education and the progress of the university, and also he was apprised the proposed convocation ceremony to be held very soon.

Second International Conference

Antimicrobial Resistance, Novel Drug Discovery and Development: Challenges and Opportunities

SRM University Delhi-NCR, Sonapat, in association with the Royal Society of Tropical Medicine and Hygiene (RSTMH), UK organized a three-day International Conference on "Antimicrobial Resistance, Novel Drug Discovery and Development: Challenges and Opportunities" at IIT Delhi, Sonapat Campus on March 18-20, 2019. The conference aimed to provide a common platform to research communities, policy makers, students, and pharmaceutical industries to exchange experiences and challenges related to the development and discovery of reliable and effective AMR drugs and vaccines. Prof. Ada Yonath, Nobel Laureate in Chemistry (2009) inaugurated the conference and highlighted the problem of upsurge of antibiotic resistance of microbes and emphasized the need of research institutions along with pharmaceutical companies to take active initiative to combat this global issue. The conference witnessed a galaxy of eminent scientists, scholars, and intellectuals from all around the globe gathered under one roof to discuss the scope and find solutions to the existing problems of AMR.



Prof. Ada Yonath and other dignitaries releasing the conference souvenir

Dr. P Prakash, Vice Chancellor, SRM University, Delhi-NCR, in his inaugural address, welcomed the dignitaries and the participants, and felicitated the guests, and pointed out that the conference was a landmark in the history of the SRM University where eminent scientists have gathered to discuss and find solutions regarding the menace of AMR. Prof. V. Samuel Raj, Dean-Academic Affairs, SRM University and the organizing secretary of this international conference insisted on the need of scientists to collaborate to seek solution and enhance surveillance of pathogens non-responsive to antibiotics. Furthermore, he added that the problem of AMR pathogens is not only a future menace but it has already penetrated our environment.



Vice Chancellor Dr. P. Prakash with Prof. Ada Yonath (Noble Laureate), Sir Tom Blundell, Prof. V. Samuel Raj, Prof. Wilson Aruni and faculty members.



Dr. P. Prakash (centre) with
Prof. G.P. Talwar (left) and Prof. Simon Croft

Dr. Soumya Swaminathan, Deputy Director General, WHO, in her recorded video message expressed that the World Health Organization has been initiating strenuous efforts for a compatible solution for antibiotic resistance and other related issues. Padma Bhushan, Legion of Honour Prof. G.P. Talwar, who was the guest of honour suggested that it is not just the AMR drugs that one should concentrate on, but the scientific society should also work on the development of vaccines. Prof. Simon Croft, eminent scientist, London School of Hygiene and Tropical Medicine (LSHTM), UK reiterated the need for development of novel drugs and new treatments. The conference had invited talks, panel discussions, poster presentations, scientific stalls and so on that immensely contributed for an array of network among the scientists, academicians, pharma agencies and institutions.

A host of eminent scientists, namely, Sir Tom Blundell, University of Cambridge; Padma Bhushan Prof. G.P. Talwar; Prof. Simon Croft, LSHTM, UK; Prof. V.M. Katoch, former DG, ICMR, Govt. of India; Prof. Rakesh Bhatnagar, VC, BHU; Prof. Srinivasa Kaveri, CNRS, INSERM, Paris; Dr. Francois Franceschi, DNDi/GARDP, Switzerland; Dr. Laurant Kremer, CNRS, France; Prof. Jayakumar Rajadas, Stanford University; Prof. Wilson Aruni, Loma Linda University; Prof. Umesh Varshney, IISc, Bangalore and many others scientists and scholars presented their researches on AMR on various topics ranging from TB, Anthrax, Leprosy, Leishmaniasis, Malaria, etc. The three-day conference concluded with a valedictory function, where Dr. P. Prakash, Vice Chancellor, delivered his presidential address; whereas, Dr. Manish Bhalla, Registrar, welcomed the gathering and thanked all the delegates. The Chief Guest, Sir Tom Blundell, a doyen in the pharmaceutical research and industry at University of Cambridge, articulated on the sequences of genomes of humans and pathogens has the potential to accelerate diagnosis, prognosis and cure of disease. He reiterated structure-guided fragment-based screening techniques have proved effective to new ideas about repurposing and redesigning drugs. Dr. Francois Franceschi, WHO, who was the Guest of Honour, felicitated and eulogized the organizers. Prof. Samuel Raj, thanked all the distinguished speakers and the audience for their commitment and proactive participation in the conference.



Prof. Ada Yonath, Nobel Laureate,
delivering a lecture



Dr. P. Prakash felicitates
Prof. Ada Yonath



Prof. V. Samuel Raj, Dean



Prof. Sir Tom Blundell takes a question
from the audience



Prof. Simon Croft, Prof. G. P. Talwar,
Prof. Ada Yonath, Ms. Subhra Priyadarshini,
Prof. Tom Blundell, Prof. V. M. Katoch and
Dr. Francoise during a panel discussion



Audience, participants and delegates
in traditional Haryanvi turban

WORLD IMMUNOLOGY DAY CELEBRATION

Department of Biomedical Engineering, Biotechnology, Microbiology and Center for Drug, Design, Discovery and Development, SRM University Delhi-NCR, in association with Indian Immunology Society and International Union of Immunological Societies, celebrated the World Immunology Day on May 2, 2019 at the SRM University auditorium. Dr. P. Prakash, Vice Chancellor, SRM University, who welcomed the gathering, pointed out that this event is focused on bringing the eminent scientists to motivate young researchers and students working in the various areas of immunology and infectious diseases and to discuss recent progress in these areas as well as to share the ideas for health of mankind. The Chief Guest, Padma Bhushan Prof. G.P. Talwar, eminent scientist and Director Research, Talwar Research Foundation India, considered to be the 'Father of Indian Immunology,' addressed the gathering, and articulated on the Immunology Research in India, and emphasized on relying on the immune system to fight pathogens and to boost the immune system through vaccinations. Having felicitated the winners of different competitions based on topic of Immunology and Immune Response held at SRM

University, he opined that extra efforts are to be taken for creating vaccines for controlling tuberculosis, leprosy, cancer and many other diseases as drugs tend to have harmful side effects and over-reliance also may lead to AMR. Padma Bhushan Prof. Nirmal Kumar Ganguly, Biotechnology Research Professor, National Institute of Immunology, New Delhi; President, JIPMER, Pondicherry; and former DG, ICMR, in his lecture, emphasized about Leishmania vaccines, which are prepared and still under phase II clinical trials. Prof. Deepak Gaur, Shanti Swarup Bhatnagar Prize Awardee, School of Biotechnology, Jawaharlal Nehru University, who was the Guest of Honour, spoke on the malarial parasite, mainly focussing on P.falciparum and P.vivax. Dr. Kaustuv Nayak, Research Scientist, International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi, India, who exhorted on the basic immunology and spoke on the "Tools and Techniques applied on Immunology". Prof. Samuel Raj, Dean Academic Affairs and Director, C4D, SRM University said that the day is dedicated to increasing awareness of the importance of immunology to combat against infection, autoimmunity and cancer, and the International Union of Immunological Societies is working together to encourage national societies to participate in the Day of Immunology and to promote the benefits of Immunology Research.



Team C4D headed by Prof. V. Samuel Raj with the V.C. and Prof. G.P. Talwar



Prof. V. Samuel Raj felicitating Prof. G.P. Talwar

VICE CHANCELLOR VISITED UNIVERSITIES IN USA

The Vice Chancellor, Dr. P. Prakash, had a successful visit to the United States during June 3-19, 2019, where he met some of the prominent professors, intellectuals and academicians and officials of a few renowned Universities, including University of Chicago; Georgetown University, Washington DC; and Johns Hopkins University, Baltimore. The trip was fruitful and envisages for greater insights on collaborative academic linkages.

VC Meets Dr. Sunita Malhotra, Abbvie Pharmaceuticals, USA

The Vice Chancellor met Dr. Sunita Malhotra and discussed the collaborative opportunities. Dr. Malhotra, who is Director (Academics), Abbvie Pharmaceuticals, a pharma company, which creates long-term mutually beneficial relationships by partnering with business, academia consortia.

VC with Dr. John Evans, Learning House, Louisville, Kentucky

The Vice Chancellor was invited by Dr. John Evans, Vice President, International Enrollment, Learning House, Louisville, Kentucky, to attend Higher Education Summit during June 4-5, 2019. In a meeting convened for Higher Education, they discussed on the student enrollment, and it was inspiring to listen John the way he articulated on how to rope in students for online courses. They further interacted and discussed on the academic collaboration and cooperation between many academic institutions.

VC Meets Senior Scientist Dr. P. Manickam, USA

It was another great opportunity that the Vice Chancellor met Dr. P. Manickam, Senior Staff Scientist, R& D, Cell Biology, ThermoFisher Scientific, Inc, at NIH, Georgetown University, Washington DC on June 6-7, 2019. They spent couple of hours in the Institute premises exploring the various possibilities for potential collaboration in various scientific programmes.

VC Meets Prof. William Bishai, Johns Hopkins University

The Vice Chancellor was at the prestigious Johns Hopkins University, and had a wonderful meeting with Prof. William Bishai, Professor & Director, Centre for Tuberculosis Research, Department of Medicine, Division of Infectious Diseases, Johns Hopkins University, Baltimore. They discussed on various exchange programmes like, training, short term academic courses, summer workshops, research activities and industrial internships between the two institutes.



Dr. P. Prakash, Vice Chancellor with Dr. Manickam at Thermo Fisher Scientific Lab; Vice Chancellor with Prof. William Bishai and Dr. Manickam at John Hopkins University, Baltimore; and VC with Dr. John Evans and his colleagues at the International Enrollment Learning House, Louisville, Kentucky, USA.

Collaboration with Nobel Laureate Prof. Ada Yonath

Prof. V. Samuel Raj, Director C4D and Dean Academic Affairs, SRM University Delhi-NCR, Sonapat visited Technion (Israel Institute of Technology), Weizmann Institute of Science and the Hebrew Institute of Jerusalem during July 17-21, 2019. The visit to Weizmann Institute of Science was very rewarding as far as the academic and scientific growth of the young, and prospective scientists of SRM University Delhi-NCR, Sonapat is concerned. The Nobel Laureate, Prof. Ada Yonath has proposed collaboration between the Centre for Drug Discovery, Design and Development (C4D), SRM University Delhi-NCR, Sonapat and her laboratory at the Weizmann Institute of Science. The collaboration will focus on the discovery of drug against drug-resistant Tuberculosis targeting the ribosome.

Prof. V. Samuel Raj

lectures at Weizmann Institute of Science, Israel

Prof. V. Samuel Raj, Director C4D and Dean Academic Affairs, SRM University Delhi-NCR, Sonapat was invited by the renowned and prestigious Weizmann Institute of Science, Israel to deliver a talk on "An Update on Anti-TB Drug Discovery Program against Multi-drug Resistant Tuberculosis" on July 21, 2019, which was organized by the Department of Structural Biology at the Helen and Milton A. Kimmelman Building (Weizmann Institute of Science). Prof. Ada Yonath, the Nobel Laureate, chaired the session. This was one of the rarest opportunities for an Indian scientist to deliver a talk chaired by the Nobel Laureate herself at Weizmann Institute of Science.



Prof. V. Samuel Raj (centre) with Nobel Laureate Prof. Ada Yonath (left) and Dr. Poornima Sheba (right) at the Weizmann Institute of Science



Dr. M.K. Senthil Babu delivers his lecture at University of Oxford



Dr. Senthil Babu with other delegates at Valentines Mansion, Ilford, University of London

Dr. Senthil Babu lectures at Universities of Oxford and London

Dr M K Senthil Babu, Assistant Professor, Department of English and Foreign Languages participated in an International Conference on "ASA 2018: Matter and the Imagination- Recreating Anthropology" held at the University of Oxford, United Kingdom during 18-21 December 2018. The paper that he presented was entitled "To look right to fit in: Teenage Anorexia, the Spiral of Silence, and Graphic Medicine."

Dr M K Senthil Babu, presented another paper entitled "Victorian Insecurities, Eating Disorders and Graphic Narratives" at another conference held at University of London, England from 9-10 July 2019. It was an International Conference titled "(Neo)Victorian Studies: Frames of Mind" organised by the London Centre for Interdisciplinary Research.

Dr. Andreas Rau's Lecture on "How to Improve Transportation System"

Department of Civil Engineering, SRM University, Delhi-NCR, Sonapat, Haryana organized a guest lecture on "How to Improve Transportation System" on January 28, 2019, where Dr. Andreas Rau, TUM CREATE Singapore Rapid Road Transport Group was the guest speaker. Dr Vineet Bajaj, Associate Professor, and Mr. Nitin Dahiya, HOD, Department of Civil engineering coordinated and introduced the speaker, and the programme was hosted by Ms. Geeta Devi. Dr. Andreas Rau shared his experience with the students, faculty members and delegates, and explained network planning, creation of integrated transport chain to the optimization of bus lines, and explicated on the scheduling of transit lines for buses and trains, and the designing of the timetable till the creation of duties and rosters for the drivers. He concluded his lecture expressing the Assessment methods for transport infrastructure and policies for a sustainable transport system development and further explored the opportunities for research areas. The lecture was attended by Prof Samuel Raj, Dean – Academic Affairs, faculty members and students.



Dr. Andreas Rau during his lecture



Dr. Vineet Bajaj and Mr. Nitin with the guests

SRM Faculty & Students at Providence University, Taiwan

SUMMER IMMERSION PROGRAM -2019

Dr. Sanjay Kumar Malik, Associate Professor, CSE and Dr. Deepika Yadav, Assistant Professor, EEE, with a group of students attended the Summer Immersion Program-2019 at Providence University, Taiwan during June 16-25, 2019. They learnt to work on advanced topics like Big Data Analytics, Artificial Intelligence, 3D Printing, Unmanned Aerial Vehicles (UAV) and Internet of Things (IoT) from renowned faculty members as well as state-of-the-art lab environments and facilities. The Curriculum of Summer Immersion Program at Providence University, Taiwan laid emphasis on critical thinking, research, engagement with diverse ideas and perspectives, while inculcating the values of leadership, teamwork and effective communication. Apart, from academics, summer immersion program gave students enough opportunities to learn various things from the culture and people of Taiwan. Students observed and learnt from people in Taiwan the importance of punctuality, hard work and the discipline they follow in their life. Also, Students and faculty member's visit to Providence University, Taiwan paved new experience in collaboration and cooperation, which stimulated to explore, and get exposed to Taiwanese culture, expound and explicate new methodologies in research through innovation, renovation and rejuvenation for informing, performing, reforming and transforming higher education globally.



Students with Dr. Sanjay Kumar and Dr. Deepika at Providence University, Taiwan



SRM Teachers and students with their Taiwan counterparts

FOOTPRINTS

RISHI Project Innovation Camp organized

Regional Innovation Science Hub for Innovators (RISHI) sponsored by Department of Science & Technology, Government of India was organized during January 17-30, 2019 at the SRM University Delhi-NCR Sonapat. The Innovation Camp was inaugurated by Mr. Deepak Bharara Former, Chief Human Resource Officer, Lanco Infratech Limited, Gurgaon, and was presided over by Dr. P. Prakash, Hon'ble Vice Chancellor, SRM University Delhi-NCR, Sonapat on 17 January 2019. This is the second camp organized by the University, promoting RISHI Programme. Mr. Deepak Bharara, the Chief Guest, vocalized that 'Innovation is a powerful word' and it is our obligatory responsibility to make innovation in everything, and inspired the students for sustaining and continuation of industry. During the Innovation Camp, several innovative series of lectures were delivered by learned faculty members and Students explored to different laboratories techniques for enhancing their knowledge towards innovative ideas for betterment of Society. Students also visited National Science Centre, New Delhi and Yakult, Sonapat during this camp.



Dr. P. Prakash, Prof. V. Samuel Raj and Dr. Ajit Kumar felicitate Mr. Deepak Bharara



Dr. Ajit Kumar, Prof. Samuel Raj, Prof. Mr. Deepak Bharara, Dr. P. Prakash, Prof. Kishore Raja, Mrs. Bharara, and Dr. Manish Bhalla on the dais

REPUBLIC DAY

The Republic Day was celebrated on January 26, 2019 at the university premises. Dr. P. Prakash, Vice Chancellor, who unfurled the national flag said, education institutions, including SRM University, which are imparting and inculcating education to millions of students, are paramount in research and development, where patriotic interest crops up among the students and teachers, through hard work and determination and progress of every individual through inculcating and imparting education with great human values, which is most essential for nation building.



Vice Chancellor celebrates Republic Day with students and security staff

Workshop on "Capacity Building in OER and MOOCs in the Tertiary Education"

SRM University, Delhi-NCR, Sonapat, Haryana, in association with Commonwealth Educational Media Centre for Asia (CEMCA) organized a one day workshop for faculty members on "Capacity Building in OER and MOOCs in the Tertiary Education" on February 2, 2019. This workshop has addressed various issues relating to planning, developing, delivering and managing Open Educational Resources (OERs) in the context of higher education institutions. It was a great career-booster for our faculty members for opting of SWAYAM based courses, and familiarized participants with MOOCs copyrights and intellectual property. While the workshop engaged participants for understanding ICT based mediated learning, the workshop also introduced the faculty members with the platforms readily available for development of e-content for better learning opportunities.

The workshop was inaugurated with a warm welcome address by Prof. Samuel Raj, Dean-Academic Affairs that was followed by Dr. Manas Ranjan Panigrahi Programme Officer (Education) CEMCA who delivered the key note address. Mr. Ashish Kumar Awadhiya, Assistant Director, IGNOU finally followed by Presidential Address by Dr. P. Prakash, Vice Chancellor of SRM University Delhi-NCR. During his Presidential address, he praised CEMCA for extending support for conducting one day workshop on "Capacity Building in OER and MOOCs in the Tertiary Education".

Dr. Manas Ranjan Panigrahi, Programme Officer (Education), CEMCA and Mr. Ashish Kumar Awadhiya Assistant Director, IGNOU were the two resource persons for the workshop. Dr. Manas Ranjan Panigrahi facilitated two sessions on Open Educational Resources. First, session was on understanding of open educational resources (OERs), its finding and use of OERs. Second session was on understanding of creative common licences, quality assurance of OER. and COL's Online Course on OER. Post lunch session was conducted by Mr. Ashish Kumar Awadhiya, he introduced participants with Understanding of MOOC and SWAYAM platform. The participants worked intensively along with the resource person to dig deeper into Moodle and thereby, upload their eContents into Moodle. Participants were later apprised regarding use and re-use of OER e-content. They were also trained to add resources and embed OER. After the workshop the participants are expected to develop e-learning courses. The purpose of this workshop was to provide hands-on training to the faculty members of the University in order to expedite the process of e-content generation using Moodle platform. A total of 41 participants actively participated in the workshop from 16 departments.

The workshop came to an end with the valedictory session which was graced by Hon. Vice Chancellor Dr. P. Prakash, Professor R.C. Kuhad, Vice-Chancellor of Central University of Haryana and Dr. Shahid Rasool, Director CEMCA. The participants were given the opportunity to share their experiences and views about the workshop. Certificates were distributed to all the participants by Hon. Vice Chancellor Dr. P. Prakash in presence of the trainer from CEMCA, and Dean academic Affairs, Prof. V. Samuel of the University.



A group of audience, including the VC, Prof. Kuhad and Faculty members

Present Around the World (PATW) – 2019

SRM University, Delhi-NCR, Sonapat organized The Institution of Engineering and Technology (IET) flagship event "Present Around The World (PATW) – 2019" in association with IET Delhi Local Network (LWN) on April 13, 2019. Participants from all across Northern India took part in the event. The event was won by Mr. Dannish Singh, a final year CSE student from Delhi Technological University. Alongside the first position, he won a cash prize of 150 GBP (INR 13600) and a ticket to represent Delhi Local Network at all India level. Runner-up position was bagged by Mr. Sukarn Singh, a 3rd-year civil engineering student from SRM University, Delhi – NCR, Sonapat who also got a cash prize of 100 GBP (INR 9100).

Technological Innovations in Management, Engineering and Sciences (TIMES -2019)

Innovation is a well-defined concept, and it has a broad meaning to many, especially when it acquires numerous understanding in the academic and business world, particularly in the fields of engineering, technology, Management and so on. SRM University Delhi-NCR, Sonapat hosted a two-days Conference on Technological Innovations in Management, Engineering and Sciences (TIMES -2019) during April 25-26, 2019. It was envisioned that the deliberations of TIMES 2019 conference facilitated new strategies for technological innovation among the students, faculty, institutions - both locally and globally. The two-day proceedings of this Conference had wonderful things to offer on scholarships. Prof. V. Samuel Raj, Dean Academics and Director C4D, SRM University, welcomed all the dignitaries and the invited speakers along with the participants of the conference. Dr. P Prakash, Vice-Chancellor, SRM University Delhi-NCR, in his presidential address spoke about the need to catch up with ever-changing times, and the need to address the issues through interdisciplinary approaches. Prof. Sushma Yadav, chief guest and the Vice-Chancellor of Bhagat Phool Singh Mahila Vishwavidyalaya, Sonapat, inaugurated the conference and emphatically articulated that a unique event such as this, which had converged on recent developments in Management, Engineering and Sciences, had attracted eminent academicians, scientists, policy makers and professionals from varied organizations, institutions and industries, to gather on a single platform and discuss their research, exchange ideas and inspire the gathering. Prof. Yadav emphasized on the need to contextualize our education in such a way that scientific inventions and innovations benefit our countrymen and humanity as a whole. Furthermore, she added that the higher educational institutions of the country must also create environment and opportunities for young minds to not only explore and innovate but also benefit themselves and the society through their inventions and innovations.



Dr. P. Prakash, Dr. Manish Bhalla, Prof. V. Samuel Raj, Mr. Senthil Kumar along with Prof. Sushma Yadav, Dr. John Samuel and Dr. Sandhya Chintala releasing the abstract book.

Dr. John Samuel, former Special Secretary, Ministry of Telecom, Government of India, who was also the guest of honour, in his talk, inspired the gathering by highlighting the life changing innovations of Einstein, APJ Abdul Kalam, Metro-Man Sreedharan and others. Dr. Sandhya Chintala, Vice President, NASSCOM, pointed out that the fourth industrial revolution has begun and the academic institutions and the students have to work together with other organizations so as to keep up with the kind of skills required to be productive in today's world. Prof. K. Srinivas, NIEPA, one of the invited speakers, delineated how to innovate classrooms through IOT (Internet of Things) and other technologies. Ms. Monika Gupta, Telecom Consultant, IET India, elucidated that science is basically a study of systematic experimentation to generate knowledge, and management has its components of planning, organizing, constructing and analyzing. The first day proceedings had many effervescent presentations by scholars from different fields.

The second and final day of conference, witnessed discussions on an array of topics ranging from cyber security to spintronics. The morning session began with the presentation by Mr. Susheel Sharma, General Manager, New Holland Tractor. He introduced Industrial Revolution 4.0 and spoke about the automation of industries. Prof. Brijesh Kumar Kaushik, IIT Roorkee in his talk, titled, "Spintronics-Perspectives and Challenges" provided the basics and advancements that happened in the memory technologies and delivered his lecture on memory hierarchy in acquiring a pivotal position in computational system such as SRAM, DRAM, and FLASH. He said how the industry is rapidly changing, and how we must adapt to keep up. Dr. Shriram Raghunathan, Professor, VIT Bhopal in his talk, titled, "Emerging Trends in Smart Learning Environment" spoke about the unique aspects of smart learning and discussed the benefits of smart learning in diverse cases. He shared his notions on the skills that are needed by educators for smart learning. Dr. Anurag Jain, working in CGS Indraprasth University, Delhi shared his thoughts on Information Security and the measures that have to be taken care while making online financial transactions. In the post talk Q&A session, he enlightened the gathering about the precautions one must take before engaging in any kind of online/offline transactions through electronic devices. Mr. Mani Madhukar from IBM Corporation presented a very interesting talk on blockchain technology and its growing significance. The invited talk session was followed by poster presentations and paper presentations by students, research scholars and academicians across the country.

The two-day national conference ended with the valedictory session addressed by Dr. S.R. Rao, Advisor, DBT, Govt. of India, New Delhi and Dr. P. Prakash, Vice Chancellor, SRM University Delhi-NCR, Sonapat, and the vote of thanks proposed by Dr. Manish Bhalla, Registrar.

Yoga Day Celebrated

On the occasion of globally acclaimed International Day of Yoga, SRM University Delhi-NCR, Sonapat, Haryana (SRMUH) organized a special Yoga practicing session on Friday, 21 June 2019, morning at the sports complex. The session conducted under the supervision of Ms. Sonia Bathla, Assistant Director (Sports) and was attended by the Honorable Vice Chancellor Dr. P. Prakash, Dean Academics Dr. V. Samuel Raj, Dean Law Dr. Kantroo and the University officers, staffs, and the faculty members. The Yoga practicing session was led by Dr. Ravi Kant, conducted the session as per the Common Yoga Protocol (CYP).

The one-hour session started with the prayer in meditative posture with Namaskara Mudra. Further, as per the CYP Yoga was undertaken in various Yogasana (Yoga postures) such as standing postures, sitting postures, prone lying postures, and supine lying postures. The participants under the guidance of Dr. Ravi practice a number of Yoga postures, namely taadaasan, vrikshaasan, ardha chakraasana, vajrsana, utthana mandukaasana, bhujangasana, pavana muktaasana and shavaasana. Kapaalbharti, pranayama and dhayana (meditation) were other key ingredients of the Yoga session. The session was followed by the Shaanti Paatha, "Omm, Sarve Bhavantu Sukhinah, Sarve Santu Niramayah, Sarve Bhadrani Pashyantu, Maa Kaschit Dukha Bhagbhavet, Oom Shantih, Shantih, Shantih".

SRMUH Vice-Chancellor said International Day of Yoga is an excellent opportunity as well as a platform to promote the ancient Indian technique for keeping oneself healthy. If a person practices Yoga 30 mins every day, he / she will surely get rid of various ailments. Even the frequency of visiting or consulting the doctor shall be greatly reduced with the regular Yoga practicing as the body develop strong immune system with enough antibodies. In simple words, "achieving excellence in action is Yoga, which is very beneficial for human being to remain fit and healthy", he added.



SRM faculty and staff members during Yoga Day Celebration 2019 at the university campus.



FACULTY DEVELOPMENT PROGRAMME

FDP at Kolkata

CALCUTTA, now Kolkata, THE CITY OF JOY, which was so effervescent, magnificent and beautiful, and one of her landmark and milestone Institutions, Indian Statistical Institute, which was the Training centre for the three days Training programme hosted by the TATA Consultancy Services (TCS), was a scintillating experience for all seven faculty members of university – Dr. Mahamad Ahamad Mohiddon (Physics), the coordinator, Dr. Kavita Dahiya (Management), Dr. Sam Nesamony (English), Dr. Sanjay Kumar (Mathematics), Dr. Ram Murad Singh (EEE), Ms. Nidhi Chawla (CSE) and Ms. Surbhi (CSE). The three days FDP programme, conducted during June 24-26, 2019 had some of the most informative training sessions. The organisers meticulously arranged everything for the grand success of the FDP.



Faculty members with Mr. Asoke Das Sarma from TCS

There were separate sessions for English, Mathematics, Physics and Electrical Engineering and so on. All six sessions on Business Communication and Value Sciences (BCVS), were coordinated by the trained trainers – Ms. Poushali Chatterjee and Ms. Anushila Chakraborti; session on Physics, Mathematics and Engineering by Prof. Swagatam Das had its merits as the sessions were informative, interactive, inquisitive and more than that interesting. It is commonly said, "The journey of a thousand miles starts with a single step". So, this was the first step for a long journey for the newly-introduced course offered by the TCS. The lectures offered by Dr. Sanjay, Mr. Ranjan and Dr. Santosh had developed stimulating experience as they were at their best on how the communications revolution has been enfolding this world at a break-neck speed, and the ways through which the Teachers are to equip and evolve into wonderful facilitators than mere lecturers. Participants placed on record thanks to the university authorities for the sponsorship on travelling and accommodation. Meeting with academicians, scholars, particularly teachers and students was an amazing experience.



A group of participants and their trainers

FDP on DATA ANALYTICS Using R Studio

SRM University, Delhi-NCR, Sonapat, Haryana in collaboration with NASSCOM, conducted a ten-days long Faculty Development Programme (FDP) on DATA ANALYTICS using R-Studio during July 1-10, 2019. Data analytics experts Ms. Soma Banerjee and Mr. Aditya Chaurasia from Business BRIO academy conducted the powerful, innovative and exciting sessions. While Data Analytics has enabled faculty members to explore and analyze their own research practices systematically and utilize modelling techniques effectively in their various research endeavors with real time data, it has been idealized that Research Methods and Data Analytics have become an integral part of almost all domains of engineering, medical, management, social sciences and so on. Furthermore, advancement in computing technology has further raised

the importance of data analytics and placed great demands on its applications to complex decision making problems. The FDP will not only sensitize participants to build statistical models for addressing various scientific research related decision problems but also enable the faculty members to train students with R-Studio Environment for Data analytics.

Visit to Genpact

Dr. Vineet Bajaj, the Industrial Coordinator, and Dr. Ajay Sharma, HOD, CSE and other faculty members of CSE and EEE Department, visited Genpact, Noida on July 7, 2019 to learn what is being done at Genpact. The highlight of the event was a thorough discussion regarding a long term relationship between Genpact, Noida and SRM Delhi NCR, Haryana. The faculty got a chance to visit various verticals of the office and interact with the staffs working in Genpact, Noida.



Dr. Vineet Bajaj and Colleagues at Genpact, Noida



ART & CULTURE

Youth Festival - PRISMA 2K19

PRISMA 2K19, the inter-cultural students' fest (March 8-9) which auspiciously coalesced with International Women's Day, was aptly inaugurated by commemorating the martyrs of Pulwama attack by the Vice-Chancellor, Dr. P Prakash. After lamp-lighting and invocation, Mr. Senthil Kumar, Director (Admission & Administration) and Chairman, Cultural Committee, welcomed the gathering, and expressed that the fest is witnessing an overwhelming registration of 1000 plus students from reputed colleges and universities from Delhi-NCR, Haryana and other parts of Northern India. Prof. Samuel Raj, Dean Academic Affairs, wished the students well for their overwhelming initiatives for making the programme a wonderful event. The Vice Chancellor, Dr. P. Prakash, in his inaugural address, rightly appreciated the organizers, and mentioned that PRISMA 2K19, on its very first day witnessed an ambience of different hues of colour, integrating culture, ethos, ethnicity of Indianness as an embodiment of unity in diversity reflecting as constellation of sparkling stars and colours of rainbow. The audience were enthralled by the mesmerizing dance performance by Reshma and Shivaganga, followed by Rhea's Rajasthani folk-dance and were elated when Mr. Vikram Barara, the Controller of Examinations rendered a melodious song. The two-day long inter-cultural fest hosted an array of competitions and events such as debates, extempore, dance, face-off, beaux arts, fashionista, campus click, video gamings, EDM Night, battle of bands, music competitions and digital akhada, just to mention a few. Day two of PRISMA 2K19 continued on high josh and the valedictory function in the evening acknowledged the hosh and josh of the participants of the visiting institutions and the students of SRM University. Mr. Nimesh Gupta, Managing Director, South Asia, RICS, who was the chief guest, inspired the students immensely and said that education fails if it is not properly applied and application fails when it is not planned properly. Furthermore, he added, building a good career will help the students to build the nation. He concluded his speech by saying, "khelte khelte sikhna sikhho, sikhte sikhte khelna sikhho, khud ko badalte badalte desh to badalna sikhho". The students were mesmerized when Abhishek Rathore and his team performed a scintillating bhangra number for the wondrous audience. The chief guest and the dignitaries gave away the prizes to the winners and participants followed by a vote of thanks from Dr. Manish Bhalla, the Registrar. The valedictory programme of PRISMA 2K19 was succeeded by high-octane electrifying performances by Punjabi pop-singers Jassi Gill and Babbal Rai. A university that runs high on the patriotic spirit, and the culture and tradition of this great nation called India can only foster the greatest of minds and the future leaders of our nation. The curtain of PRISMA 2K19 finally fell with the national anthem.



VC Felicitates Mr. Nimesh Gupta, the Chief Guest



Winners with their titles

PATH-FINDERS

FACULTY OF ENGINEERING



Dr. M. Mohan & Mr. Iyyappan with the students

DEPARTMENT OF CSE

Industrial Visit at Training Basket, Noida

B.Tech / CSE II & III year students accompanied by Dr. M. Mohan and Mr. M. Iyyappan visited the Training Basket at Noida on January 25, 2019. The visit focused on enhancing the student's knowledge on Cloud Computing its tools and Data security over the Internet. This excursion was fruitful for the students as they learnt about how Ansible (Linux) is used by different industries to make work efficient, flexible, save time and how cost effective it is at the same time.

Workshop on Smart Classroom Attended

Prof. Puneet Goswami and Dr. Arvind Kumar, Department of CSE, participated in the workshop titled, "Smart Classroom", conducted at the Department of CSE, IIT Bombay on 24-25 June 2019. The workshop was held as part of the IITB projects titled "BodhiTree: A Platform for Improving Learning Outcomes using Online Interactive Courses and Assessed Labs", funded by Tata Centre for Technology and Design, IIT Bombay and "Smart Classrooms: Technology Aids for Effective Teaching in Large Classrooms", funded by MHRD under the IMPRINT scheme. Both of them not only completed the course on smart Classroom but also attended the entire practical session and reverberated with renewed knowledge.



Prof. Puneet Goswami and Dr. Arvind Kumar at IIT Mumbai

DEPARTMENT OF MECHANICAL ENGINEERING



A group of faculty members and students of ME Dept.

Visit to industrial fair organized by CII at Pragati Maidan, New Delhi.

The Department of Mechanical Engineering, SRM University, Delhi-NCR, participated in the industrial fair organized by CII on Feb.04, 2019 at Pragati Maidan, New Delhi. The very purpose of the visit was to acquaint the scholars of the department with the existing and advanced updates in the field of technology. The fair had more than 100 exhibitors, showcasing the current updates in mechanization. The students counted upon the information given by company representatives and visualized the modes of working models which were concerned mostly with pneumatics and hydraulics related robotic arm. The students got a visual treat for advanced mechanisms on robotics, automation, metallurgy, electric vehicles, building materials and artificial intelligence (A.I.). The renowned names like Mitsubishi, Microsoft advertised their products on working robots and A.I. simulators, and new names were also present to make their mark on A.I.

Projects developed by ME Final Year Students.

The final year students of Mechanical Department have worked a number of projects during their academic tenure. The following is a comprehensive list of projects successfully undertaken by the students of the department: (1). Design and fabrication of 3d printing machine; (2). Design and fabrication of agriculture drone; (3). Study of mechanical properties of Aluminum based hybrid metal matrix composites; (4). Compressed air vehicle; (5). Design and fabrication of cricket bowling machine; (6). Design and fabrication of Electric bike (electri-strada); (7). Design and fabrication of electric go kart; (8). Fabrication of robotic Animatronic arm; (9). Fire fighting robot; (10). Design and fabrication of pneumatic pick and place automation system; (11). Pneumatic piston Bumper; (12). Pneumatic sorting system; (13). Design and fabrication of rocker sprinkler; (14). Spybot with night vision camera tech; and (15). Design and fabrication of unmanned aerial vehicle.



The VC inspects a Project of ME Students and Teachers

The VC, Dean and COE at the ME Lab



Industrial Visit at Munjal Showa Pvt. Ltd., Gurugram

The Second year Mechanical Engineering and 1st year M.Tech. students along with Mr. Ankit Mani Tripathi visited the Munjal Showa Pvt Ltd, IMT, Manesar, Haryana on March 28, 2019. This unit mainly focuses on the different processes involved in designing and manufacturing of various shock absorbers (front and rear) for two wheelers and four wheelers automobiles. Munjal Showa products serve as original equipment to a wide range of Maruti Suzuki upper end cars and export models, Honda City car, complete range of Hero Honda Motorcycles, Kawasaki Bajaj Motorcycles, Kinetic Scooters and Hero range of mini-motorcycles and mopeds and Honda Motorcycles and Scooters India (Pvt) Limited. This trip was highly useful for the students in terms of practical knowledge about designs and Manufacturers of shock absorber during impact or sudden loading conditions in automobile. This trip will also be helpful for them to find placement opportunities in such industries.

DEPARTMENT OF CIVIL ENGINEERING

Report on Industrial Visit to NH-44 Extension

Mr. Nitin Dahiya, Assistant Professor, Dr. Vineet Bajaj, Associate Professor, and Mr. Ravi Malik, Assistant Professor, Department of Civil Engineering, coordinated an Industrial Visit for B.Tech Civil Engineering students on March 02, 2019 at NH-44 extension. This Industrial Visit was aimed to get an understanding of latest types of methods used for the design and construction of highways with flexible and rigid pavements which are used in the industries nowadays. It was really a great learning experience for all students, and they learnt the entire manufacturing process of bitumen. The site visit to hot mix plant gives not only the clear idea about the process of this plant but also the production capacity of plant, which is 20 tonnes per hour.



View of Hot Mix Plant, where the production capacity is 20 tonnes per hour



Students and Faculty members along with Er. Hitesh Dahiya, Site Engineer, S.C Jain stand in front of slab culvert at Construction Pvt. Ltd., at Kundli, Sonapat.

Survey Camp Conducted

Department of Civil Engineering conducted their 4th Survey Camp for B.Tech 2nd year students of Civil Engineering during the month of June 2019 at Kullu- Manali. The ten days camp was divided into various surveying exercises- Fly levelling, compass surveying, theodolite surveying and plane table surveying and Contouring. In the camp, all the students of Civil Engineering Department learnt all the technical aspect which is required in Surveying.



Dr. Vineet Bajaj, Mr. Nitin Dahiya and the Team



Students surveying using the instruments



FACULTY OF SCIENCES

DEPARTMENT OF BIO-MEDICAL ENGINEERING

Dr. Ramendra Pati Pandey awarded Newton Fund Early Career Scientist Award

Dr. Ramendra Pati Pandey, Assistant Professor, Department of Bio-Medical Engineering has been selected for the Early Career Scientist Award from the British Council and Newton- Bhabha Fund to attend the UK-India workshop on Tuberculosis and Multi Drug Resistant Tuberculosis diagnosis which was held in Chennai during June 2-6, 2019. The long-term aim of the workshop was to develop innovative tools for TB diagnosis, while in the short-term it will lead to collaborations between world-leading researchers in India and UK, exchange of researchers/students are affiliated with SRM University, Delhi-NCR, Sonapat. During the conversation, it was idealized that Professor Mark Bradley, Director of the EPSRC Interdisciplinary Research Collaboration, University of Edinburgh, UK, would visit the Centre of Drug Design Discovery and Development (C4D) at SRM University to establish a scientific collaboration. His group has published more than 400 articles, filed more than 20 patents, with over 80 PhDs graduated. Prof. Samuel Raj, Dean Academic Affairs, commented, "This looks very good, in fact, this is a prestigious award and recognition to our faculty. In the list of awardees, I could see this is the only private University to receive this award. I am very proud of this recognition."



Dr. R. P. Pandey in a scientific discussion with Prof. Hazel Dockrell from LSHTM, UK to establish a scientific collaboration with C4D



Dr. R. P. Pandey with other British Council and Newton Fund Scientist awardees

DEPARTMENT OF CHEMISTRY



Chemistry Students bagged the Best Poster Presentation Award

The poster presentation presented by the M.Sc. Chemistry students of SRM University Delhi-NCR, titled "Pd-Catalyzed Oxidative C-C and C-N bond formation via C-H Activation: A New Approach to Functionalize 4H-Benzo[d][1,3]oxazin-4-one Derivatives with Toluenes, Aldehydes and Benzyl Alcohols," bagged the award for the best poster presentation at the 1st International Conference on Integrative Chemistry, Biology & Translational Medicine (ICBTM) held on February 25-26, 2019. The event was organized jointly by Center for Global Health, Hansraj College, University of Delhi, India and Stritch School of Medicine, Loyola University, Chicago, USA.



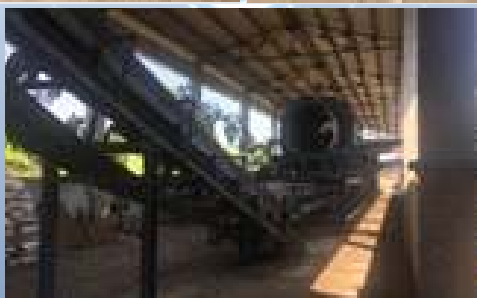
The winners and their posters with Dr. Prashant Kumar



DEPARTMENT OF ENVIRONMENTAL SCIENCES

Field Visit to Waste Management Plant, Karnal

Prof. Raghavendra G. Rao and Mrs. Saloni Chaudhary, Ph.D. scholar, Department of Environment Sciences, visited the Waste Management Plant at Karnal on January 28, 2019. This plant uses new techniques for collection, segregation, storage, transportation, processing and disposal of municipal solid waste. Biodegradable part of municipal solid waste was being converted into manure for organic farming. It has been identified that all these processes attribute to make Karnal Clean and Green city, and according to latest reports Karnal became the Smartest city in Haryana under the project, Swachh Bharat Abhiyan.



Photographs by Mrs. Saloni Chaudhary

Company Visit to New Holland, India

Mrs. Saloni Chaudhry, Ph.D. scholar, Department of Environmental Sciences, visited New Holland tractor manufacturing plant located in Greater Noida, Uttar Pradesh on 16 March 2019. This company has been working for sustainable water development at global level. Ever since 2015, they have been periodically organizing a program for their employees and nearby people for understanding the importance of water conservation. This effort has shown results in their manufacturing plant in the reduction of water usage. The company also has wastewater treatment plant having the capacity for recycling 72,000 litres water per day, where treated and discharged water is used for horticulture to create green and pollution free environment.

Mrs. Saloni Chaudhry also visited Case New Holland (CNH) in Punjab for studying CSR activities on May 25, 2019. This company diversifies its business with the economic decision for social and environmental development in long-term by involving various stakeholders. It also works on regional sustainability development by creating a regional officer. CNH perform common Corporate Social Responsibility activities for all over Punjab, but additionally, they fully adopted a village called Kaller Majra in Patiala district. Mrs. Saloni observed that in this village, all cultural, social, environmental and economic activities are sponsored by CNH with a spending of approximately one crore rupees annually.



FACULTY OF HUMANITIES & SOCIAL SCIENCES

DEPARTMENT OF ENGLISH

Research Methodology Syllabus Framed

Undertaking a doctoral research (PhD) should be seen as a learning process, an apprenticeship in the art of research in which candidates learn to reflect on the origins of theories and concepts, how to theorize, how to 'mesh' theory with practice, and how to organize vast quantity of materials in a limited time period. Research Methodology (RM) is an essential course that shows the way to carry out intensive and extensive research work. Without proper way, one can't go ahead and reach the destination, so method is pertinent. Having discussed this crucial issue in the meeting chaired by the Dean, Academic Affairs, it was realized and also analysed to explore the opportunities to make a Research Methodology (RM) Course and Curriculum at par with global standards. In a meeting convened by the Dean in October 2018 at the Mini Conference Hall, a Committee has been proposed for drafting the syllabus of the RM Course for all PhD Students, where Dr. Sam Nesamony was nominated as Convener with Dr. Kamal Aggarwal, Dr. Pawan Kumar, Dr. Ajay Sharma, Dr. Sanil Neelakandan, Dr. Sanjay Kumar Malik, Dr. Upendra Kumar, Dr. Arpana Vibhuti, Dr. Ajit Kumar, and Dr. Richa Dahiya as members.

Research Methodology (RM) for PhD Classes Conducted

As proposed by the Dean Academic Affairs, the initiative to teach Research Methodology (RM) Course to all PhD students, who joined in 2018 was planned, and the Department of English was given the responsibility to carry out the programme. So, it was decided that RM Course will be offered generally and other two other core courses will be offered by the respective faculty from almost all Departments. The PhD students were offered around twenty lectures - Dr. Sam Nesamony, What is Research?, Objectives of Research, Basic Research Techniques, Methods of Research, Qualitative and Quantitative Research and Colonialism; Dr. Sanil Neelakandan, Philosophical Foundations of Research and Observation Method; Dr. Sanziou Boro, Defining a Research Problem and What is a Research Question?; Dr. Edwin Prem Kumar, Research Ethics and Plagiarism; Dr. M. K. Senthil Babu, Writing a Research Paper, Dr. Debosmita Biswas, Orientalism, Marxist Literary Criticism, and Stream of Consciousness. Dr. M. Lydia, Intellectual Property Rights (IPR) and Copy Rights; Dr. Sachin Malik, Sampling Techniques, Data Analysis & Interpretation, and so on, meticulously and meritoriously spanning a period between April and June 2019.



A group of PhD students with Dr. Sachin Malik and Dr. Sam Nesamony, RM Course Convener

FACULTY OF LAW

Jammu & Kashmir (1947-1953): Contemporary Understanding & Some Basic Issues

The Faculty of Law's Constitution Club organized a Special Lecture cum Seminar on the theme "Jammu & Kashmir (1947-1953): Contemporary Understanding & Some Basic Issues" on November 16, 2018. Prof. Raghuvendra Tanwar, Director of Haryana Academy of History & Culture, Kurukshetra, and Professor Emeritus at Kurukshetra University delivered the keynote address. Padma Shri Jawaharlal Kaul, distinguished journalist & National President, J & K Study Centre, New Delhi presided the Seminar.



The VC with Padma Shri Jawaharlal Kaul, Prof. Raghuvendra Tanwar, Dr. Manish Bhalla, Prof. Samuel Raj and Prof. A.K. Kantroo



VC and other dignitaries with Mr. Navin Kumar Jaggi

National Seminar: 'Recent Developments in Indian Judicial Approach towards Timely Justice'

Faculty of Law, SRM University, Delhi-NCR, Sonapat, Haryana, in association with Jus Dicere, one of the leading organizations in the field of legal education, organized a one day National Seminar on 'Recent Developments in Indian Judicial Approach towards Timely Justice' at SRM University, Haryana on April 12, 2019. Mr. Parag Agrawal, Jus Dicere, offered the welcome address and discussed the existing contradictions between the legal institutions and practices in relation to day-to-day expectations of the body politic in relation to justice. The Chief Guest, Mr. Navin Kumar Jaggi, in his keynote address made interesting observations on the soteriological nuances related to the emergence of legal ideas and practices. Scholars and students from various other educational institutions presented papers in the following session of the seminar.

Graduate Insolvency Programme

Department of Law, SRM University, in association with the Indian Institute of Corporate Affairs, established by the Ministry of Corporate Affairs, Government of India, organized a Campus Talk on 'Graduate Insolvency Programme' on May 6, 2019, at the University Auditorium. Dr. Neeti Shikha, Head, Centre for Insolvency & Bankruptcy, Indian Institute of Corporate Affairs and Mr. Sumit Makhija, Forensic Partner in the Financial Advisory Services, Deloitte India, were the guests.



Registrar and Dean, Law with Dr. Neeti Sikha and Mr. Sumit Makhija

Legal Aid Camp

The Faculty of Law, SRM University, organized a Legal Aid Camp in Khewra village, Sonapat District in Haryana on April 13, 2019. The camp was enthusiastically attended by villagers of the 'Khewra' Village where a speech on the issue of Women empowerment was delivered by one of the students of the department. The villagers put forth their daily issues before the team members and requested them to take up the matter at the university level. The specific issues discussed at the camp were about the need for overall cleanliness and regular sprays and fogging facilities to check the growth of mosquitoes in the village, and such others. For checking the irregularities in the auction of Panchayat lands, it was apprised that the same shall be brought to the notice of Supreme Court Advocate Ms. Preeti Singh and under her directions, a PIL shall be filed by the Students of SRM University, either in Hon'ble High Court/ Supreme Court.



Moot Court Competition

With an aim of carrying forward the legacy, SRM University is so well known to set higher standards to test the legal acumen, research and oratory skills of the law students, the Third Intra-Department Moot Court Competition was organized by the Faculty of Law, SRM University, Delhi- NCR, Sonapat on May 1, 2019 at the Moot Court Class Room, Faculty of Law Block premises. The Moot witnessed Ms. Preeti Singh, who is currently holding position of Secretary, Supreme Court Bar Association as the Presiding Judge. The First runner-up team comprised of Nancy Garg, Shreya and Kaustav Senapati. The Second runner-up team was Shabda Mishra, R. Rajath and Sumit. The winning team comprised of Kumar Shivang, Aditya Dev and Abhaya.

FACULTY OF MANAGEMENT

Industrial Visit at Yakult Danone India Ltd.

The Faculty of Management Studies, SRM University organized an industrial visit for the first-year students of MBA and BBA on February 06, 2019 at Yakult Danone India Ltd., Rai, Sonapat, India. This Industrial visit was aimed to get an understanding of production and operation management. This visit leads to enhancement of practical knowledge and skills among the students. The visit was coordinated by Dr. Kavita Singh, Mrs. Deepshikha, Ms. Sakshi Rani, Ms. Madhu, and Mr. Jayant Hooda.



Students and faculty members of FMS at Yakult Danone India Ltd., Rai, Sonapat

Industrial Visit at Solar Power Plant, Ramnagar, Uttarakhand

An industrial visit was organized by the Faculty of Management Studies for the students of BBA, MBA, and Int. MBA at Solar Power Plant, Ramnagar, Uttarakhand on March 23, 2019, and 3 faculty members visited the plant. A very informative session for all the students and teachers was conducted by the technical head of the solar power plant.

FAREWELL @ FMS



Faculty and out-going students during the farewell party

Exodus'19 was organized by FMS to bid farewell to the outgoing students of final year BBA and MBA with great enthusiasm on May 10, 2019. Token of love and appreciation was given to the final year students by HOD and faculty members of the department. The program concluded with words of wisdom from senior dignitaries: Dr. Manish Bhalla (Registrar), Dr. V. Samuel Raj, Director (C4D) & Dean Academics, Mr. Senthil Kumar, Director - Admissions & Administration and Mr. M M Kutty, Dy. Director & International Relations. They blessed the students and wished good luck to the final year students for their future and also appreciated the efforts of all the students to make the event successful.

FACULTY OF COMMERCE & FINANCE

Industrial Visit to Minda Industry

The first year B.Com (H) students accompanied by Dr. Upendra Singh and Ms. Poonam Gahlot visited Minda Industries located in Manesar, Gurugram on 15 March 2019. The objective behind the visit was to acquaint the aspiring students with the various activities related to marketing, financing, and human resource that are carried out in company. The students were taken a tour of the company premises and thoroughly briefed regarding the functioning of the company by the HR Manager, Mr. Sharma, who informed that the company follows the principle of "People before Product," which is derived from the core objective of the company, 'To Contribute to the Society'; that was clearly visible from the safety measures taken by company and other policies. The visit was very enriching for the students who were not only exposed but thoroughly introduced to the working of a company by its managerial staff.



Dr. Upendra Singh and Ms. Poonam Gahlot with B.Com (H) students



A well-equipped fine dine restaurant



VC and other University officials inspect the kitchen

INSTITUTE OF HOTEL MANAGEMENT

SRM University, Delhi-NCR, Sonapat launched two new courses, B.Sc. Hospitality and Hotel Administration and B.Sc. Hotel Management and Catering Technology under the guidance of the newly established Department of Hotel Management (academic session 2019-20) – the former course is affiliated to NCHMCT, Noida and the latter is established under section 2 (f) of UGC Act 1956. The Department of Hotel Management enjoys the excellent infrastructure to match the star Category hotels, well equipped Training Kitchen, Bakery & Confectionery to develop culinary (cooking & baking) skills, well equipped fine dine restaurant with Mock-up Bar to develop Food & Beverage skills, well-appointed suite rooms and modernized laundry, linen room as housekeeping labs, smart class rooms, well stocked Library, state of the art computer lab, 24x7 Wi-Fi campus. Apart from regular academic activities, experts from the industry will be invited to give guest lectures to update the students regarding current trends in the hospitality industry, students will be sent for mandatory industrial training for a period of 16 weeks, which helps them gain hands on experience in all major departments and teachers will be exposed to "train the trainer" programme every year to evaluate and upgrade their knowledge.

TRAINING & PLACEMENT

HR Meet

The Training and Placement cell of SRM University, Delhi-NCR organized an event called "HR Meet" on 1st March 2019 where the HR heads of various reputed corporate organizations participated to discuss the relationship between future skills and the workplace. Some of the prominent participants were Mr. Atma Godra, Business Partner-People Operations, Grey Orange Pvt. Ltd., Ms. Monika Marwah, University Hiring Leader-India, NCR Corporation, Capt. Mahesh C.S. Bhakuni, Director-HR, ANI News, Ms. Sharmila Thakur, HR Leaders and Head Human Capital, Bureau Veritas Consumer Products Services, Mr. Manoj Kumar Dubey, Head HR L&T, Mr. Govind Singh Negi, Senior Director-Talent Engagement and Delivery Center Lead, 3Pillar Global, Mr. Tanuj Vaid, Director HR, FranConnect, Mr. Abhay Kapoor, Sr. HR Leader, Amazon, Ms. Yamini Sinha, India HR Head, Alibaba and Mr. Pradeep Kumar, Business Head SVP, Quadrangle.

Soft Skill Training for Students

Soft Skill classes were arranged for the graduating batch of 2019 (B.Tech, B.Com, MBA, Law) from 25th February to 2nd March 2019 to give the students an extra edge and prepare them for job interviews.

Placement Drive

Campus Drive for placement was arranged from Jan 2019 to May 2019, Various Companies like TCS, Wipro, HCL, Juspay, Opentext, Cavission, Hindustan Times, Byju's, OLACab, Rehaja Builders and Anglo-Eastern Ship Management Singapore participated in the recruitment process.

Industrial Visit

The Training and Placement office arranged an Industrial Visit for B.tech (Mech.) 2nd & 3rd Year student on 28th March 2019 at M/S Munjal Showa Ltd Manesar Plant.

Special Technical Training

The Training and Placement cell organized a special technical training for Final Year students were arranged from 1st July 2019 to 15th July 2019 (two Week). This training was dedicated towards teaching the students the knack of cracking online placement tests.

Industrial Visit to Mark Exhaust System Ltd.

An industrial visit to Mark Exhaust System Ltd, Dharuhere (Haryana) was conducted for the students of Mechanical Engineering. Apart from this, a specialized training related to Shop Floor was also organized in University.

Electronics & Communications Engineering

Almost 89% of students of 2019 batch are already placed (including campus and off campus placements) in good companies, like Dixon Technologies, Byju's, Airtel, click labs and many more.



Ms. Mithu Pandey with a group of students



Lamp-lighting



HR Strings Meet



A Campus Selection session



DEPARTMENT OF PHYSICAL EDUCATION & SPORTS

SRMUH Teams Bagged Gold in Basketball and Silver in Football with cash prize ₹ 22000

SRMUH Basketball & Football team had successfully participated in the Converge'19-Sports Fest organized by Jaypee Institute of Information Technology, Noida during January 30 - 4 Feb 2019. SRMUH Basketball Team played and won against 4 teams in league round to be the finalist. In the Final SRMUH played against Dayal Singh College, Delhi to clinch the Trophy and became the winner the cash prize ₹ 12000.

SRMUH Football Team secured the Second Position to hold the Silver Medal. They played four league matches and remained unbeaten to become the finalist. In a tough neck to neck competition match against a professional club call Invincible FC, they played draw and lost the battle in a penalty shootout to settle with Silver and cash prize ₹ 10000.

SRMUH Table Tennis (M) team participated in Dr. Bharat Ram Sports Meet 2019 organized by Lady Shri Ram College, Delhi from 28 February to 2 March 2019. Saanel, Prateek, Yugant & Arshdeep represented SRM and bagged the Bronze medal in the event.
Gold in Badminton (M) Doubles

SRMUH Badminton (M) team participated in the Lakshay 2019 an Inter-University Sports fest organized by Gitarattan International Business School on March 14-15, 2019. Our Boys Bhavesh and Jagrit represented SRMUH in Badminton Doubles and successfully secured the Gold.

SRMUH Table Tennis (M) team secured the Gold, Silver & Bronze Medal with Cash prize ₹ 1500

SRMUH Table Tennis (M) team participated in KHEL 2019 organized by SRM Institute, Modi Nagar during April 5-6, 2019, our boys participated in Singles event and bagged all the top 3 prizes for the university – Sannel - Gold & Cash Prize ₹1000; Yugant- Silver & Cash Prize ₹500 and Prateek-Bronze.

Congratulations to all.



Ms. Sonia Bathla with winners of different sporting events

Olympic Torch in SRM University, Delhi-NCR

Special Olympic World Summer Game (Abu Dhabi) gold and silver medalists, Mr. Manjeet and Mr. Naveen along with their coach graced the event called "Lighting the Flame of Hope" in SRM University, Delhi-NCR, Sonapat on August 01, 2019. The champions, Mr. Manjeet (4 gold medals in Power Lifting) and Mr. Naveen (1 silver medal in Basket Ball) bore the proud flame of the Olympic Torch to SRM University to mark the event of "Special Olympics International Football Championship" to be hosted in India in 2019. This event also witnessed the participation of students with special needs from Renu Vidya Mandir, Haryana. The Vice Chancellor and other dignitaries of the University appreciated the trials, visitation and participation of the Olympians in the campus.



Vice Chancellor joins the Olympians to ignite the Olympic Torch

JOURNEY

New Appointments

Mr. A.R. Srinivasan joined SRM University, Delhi-NCR, Sonapat, as Senior Manager – Finance Accounts on June 03, 2019. Mr. Srinivasan holds an M.Com degree from Mumbai University and is also a member of the Institute of Chartered Accountants of India. He has more than 30 years' experience in finance, accounting and related fields in wide range of Sectors. He has worked in Senior Finance position in various corporates in India and Africa. His professional commitment in various countries of the world has led to extensive exposure in both domestic and international finance, administration and public accounting standards. He describes himself as a focused and passionate leader, with first-hand experience in problem solving, solution delivery, knowledge acquisition and team motivation.

Dr. P. C. Kishore Raja, Professor, Department of Electronics and Communication Engineering, received M.E in Communication Systems from Thiagarajar College of Engineering, Madurai and a PhD from Anna University, Chennai. He has 22 years of teaching and research experience in wireless communications and has published more than 30 papers in the area of wireless security and sensor networks in peer-reviewed journals. He authored the book titled, "Electromagnetics Engineering" (2015). Dr. Kishor has completed two DRDO funded projects in the area of wireless security. He is a reviewer of International Journal of Network Security, Taiwan and Sensor Letters, American Scientific Publisher. His areas of interest are, Wireless Ad Hoc Networks, Wireless Security, Sensor Networks and Internet of Things.

Dr. K. Ramkumar, Professor, Department of CSE, did his ME in Anna University; MCA from Madras University and Ph.D. in Computer Science and Engineering from Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu. He served in many reputed institutions like R.M.K / R.M.D Engineering College, Chennai; SRM Easwari Engineering College, Chennai and IT Companies like Satyam Computer Services Ltd. as Project Lead, and CGI as IT Consultant for 18 years, contributing in teaching, administration and research. As an academician, he was Academic Coordinator, Placement Director, and NBA Accreditation Coordinator, and handled Funded Projects of DST and NST. He has guided more than 25 projects at both U.G and P.G Levels in Engineering in the latest areas of research. His areas of research include Computer Networks, Network Security, Grid Computing, Cloud Computing, and Edge Computing. He has several publications in Reputed Journals like Inderscience Publishers and published manuscripts in various journals like IJPBS, IJCA, IJAER, and ARPN.

Dr. R. Srinivasan, Associate Professor, Department of Chemistry, did his B.Sc and M.Sc. in Chemistry from Bharathidasan University, Trichy, Tamil Nadu. He has been awarded Ph.D for his Thesis titled, "Synthesis, Structure and Reaction pathways of C-N containing Lanthanide Compounds" from the Faculty of Chemistry and Pharmacy, Institute of

Inorganic Chemistry, Department of Experimental Solid State and Theoretical Chemistry, Eberhard-karls University of Tuebingen, Germany. He did his Post-Doctoral Fellowship at the University of Nantes, CNRS-IMN Jean Rouxel, Nantes, France through the prestigious CNRS postdoctoral fellowship for a year. His research interests are in the area of Synthesis and Characterization of (Nano) Oxide Materials by soft chemistry routes for potential applications in the field of energy and environment. He has published twelve papers as a first author/corresponding author/co-author in peer-reviewed International Journals and more than thirty paper presentations in the National and International Conferences. He completed one DST SERB Young Scientist-Fast Track project as a Principal Investigator for the duration of three years with a grant amount of 21.8 lacs INR in March 2014. He has more than ten years of experience in teaching and research at reputed institutes in India.

Dr. Mahamad Ahamad Mohiddon, Associate Professor, Department of Physics, Faculty of Science and Humanities is a PhD from IIT Roorkee (2009). His PhD involves the study of pyroelectric sensor materials for thermal imaging applications. He continued his research at University of Trento, Italy as Post-Doctoral fellow from 2009 to 2011, and worked on X-ray absorption spectroscopy investigation on mechanism of metal induced crystallization. Dr. Ahamad has carried experiments at ESRF Grenoble - France, Elettra Synchrotron center- Italy and Indus beam line, Indore. He was DST Young Scientist at University of Hyderabad and was involved in Near Field Microscopy Investigation of Plasmonic Nanostructure (2012-2015). His work involves trace level detection of explosive molecules using surface enhanced Raman Spectroscopy. He worked in collaboration with Max-Planck Group MPG A0006 project titled "Metal-containing Metallo-supra Molecular Conjugated Polymers". He is one of the authors, who had demonstrated passive wave guiding nature of organic waveguides for the first time. He had carried extensive work in the field of photonic switches and optical resonators in the organic on-chip submicron structures. Having published 41 international and three national papers along with two chapters in two different books, he recently completed DST-SERB project named, "SNOM investigations of optical field strengths in metal-dielectric nanostructures and their application in SERS". He worked as adhoc faculty at National Institute of Technology, Andhra Pradesh from 2015 to 2018, where he established new Engineering Physics Laboratories. He received best poster award at 57th DAE-SSPS 2012 symposium held at IIT Bombay.

Dr. G. Edwin Prem Kumar, Associate Professor, Department of Computer Science and Engineering, SRM University Delhi-NCR, Sonapat, earned his B.E degree in Information Technology from Madurai Kamaraj University and his M.E and Ph.D. degrees in Computer Science and Engineering from Karunya University,

Coimbatore, Tamil Nadu. Being a passionate academician and a vibrant researcher, he worked at Karunya University for 15 years, contributed immensely in teaching, administration and research. He also served as University Academic Affairs Coordinator, University Research Coordinator and Assistant Controller of Examinations and so on. His areas of research include Security in Wireless Sensor Networks and Smart Grid Networks. He authored / co-authored more than twenty-five research papers in IEEE, Elsevier, and other reputed Journals and Conferences.

Dr. M. Lydia, Associate Professor, Department of EEE, SRM University Delhi-NCR, earned her PG degree in Power Electronics and Drives from Anna University, Chennai, and Ph.D. in Electrical and Electronics Engineering from Karunya University, Coimbatore, Tamil Nadu. She was a Post-Doctoral Fellow, Department of Electrical Engineering, Technion-Israel Institute of Technology, Israel. She served Karunya University for more than fifteen years, where she was Assistant Controller of Examination; Head, Pre-Engineering Programme; Coordinator, CBCS and Academic Research; and Deputy Director, Centre for Sustainable Energy Sciences and Technology. A recognized reviewer of many referred journals, Lydia published in well-reputed journals, like IEEE Transactions and Elsevier; presented papers in Singapore and Israel, and interested in Renewable Energy Technologies, Predictive Analytics, Smart Grid and Power Electronics Application to Power System.

Dr. M. K. Senthil Babu, Assistant Professor, Department of English, SRM University Delhi-NCR, did his M.A. and M.Phil in English Language and Literature at Presidency College, Chennai, Madras University, and earned his PhD from the National Institute of Technology (NIT), Tiruchirappalli, Tamil Nadu for his Thesis on English Language Teaching (ELT). He taught courses on Professional English, Effective Public Speaking and Corporate Communication Skills, and also a member of the Indian Association for Commonwealth Literature and Language Studies. He participated and presented research papers in various National and International Conferences held at different universities, including the University of Oxford, and the University of London, UK; and published three international papers in peer-reviewed journals. He is a reviewer of Language Teaching and Research, a journal published by Sage.

Dr. Debosmita Biswas, Assistant Professor, Department of English, SRM University Delhi-NCR, received her Ph.D. in English Language and Literature from the prestigious English and Foreign Languages University (EFLU), Hyderabad. Having earned her B.A. in English (Hons.) from Shri Shikshayatan College, Kolkata, she studied MA in English Language and Literature from the English and Foreign Languages University (EFLU), Hyderabad, where she specialized English language, media studies and so on. Her doctoral thesis titled, "Rights of the Dead: Re-searching the Personhood of the Living" minutely explores the philosophical, historical and ontological development of inert existential concepts, that is, "death" and "personhood". She has presented research papers in various National and International Conferences and published research papers in peer-reviewed journals.

Dr. Sanziou Boro, Assistant Professor, Department of English, received his Ph.D. from The English and Foreign Languages University (EFLU), Hyderabad (2016). Dr. Boro graduated with a degree in English Literature (Hons.) from St. Edmund's College, Shillong, affiliated to NEHU (North-Eastern Hill University) Shillong, Meghalaya; and pursued his MA in English Literature from The English and Foreign Languages University (EFLU), Hyderabad. He was awarded Rajiv Gandhi National Fellowship in the year 2011, and qualified NET with JRF in the year 2013. Dr. Boro's research interest broadly lies in the field of translation studies, comparative literature, and North-Eastern literature and culture.

Dr. Ramendra Pati Pandey, Assistant Professor, was an FAPESP Post-Doctoral Fellow (from September 2015-January 2019), at the School of Medicine, University of Sao Paulo, Brazil. He was a Research Associate at the Translational Health Science and Technology Institute, Faridabad, Delhi-NCR. He did his M.Sc. in Biotechnology (2006) from the School of Biotechnology, Jawaharlal Nehru University (JNU), New Delhi, and earned his Doctorate Degree (2014) from TACF (Tuberculosis Aerosol Challenge Facility) at the International Centre for Genetic Engineering and Biotechnology), University of Delhi. He is an editorial board member of more than 10 journals and Editor-In-Chief of Indian Journal of Hospital Infection. Having published more than 20 research articles both the international and national journals, he has been awarded several fellowships and grants. He is a member of various International and National Scientific Societies.

Dr. Prashant Kumar, Assistant Professor, Department of Chemistry, did his B.Sc, M.Sc. and PhD in Chemistry from University of Delhi. He qualified JRF-NET. He has presented many papers in national and international conferences and published more than a dozen papers in internationally reputed journals.

Mr. A. Suresh Kumar, Assistant Professor, Department of Biomedical Engineering, received his M.Tech in Biomedical Engineering from Amrita Viswa Vidyapeetham University, Coimbatore in 2011 and B.Tech in Bio-Engineering from SASTRA University, Thanjavur in 2009. He successfully submitted his Ph.D. Thesis on Electrochemical Biosensors at the National Institute of Technology Rourkela (NIT Rourkela) in 2019 and is waiting for the Viva. He has published his research works in reputed SCI Journals.

Ms. Nidhi Kaushik, Assistant Professor, Department of Microbiology gained a BSc. (H) in Microbiology from the esteemed University of Delhi and earned her Masters in Biosciences from Jamia Millia Islamia University, New Delhi in 2012, where she was the second topper. She received her PhD in Biotechnology from Translational Health Science and Technology Institute, Faridabad. She has published her research in many reputed SCI journals. She has been honored with a CSIR-UGC fellowship, and also cleared GATE exam conducted by IIT Delhi in 2012. She worked as Guest Faculty in the University of Delhi.

Mr. Deepak Kumar, Deputy Director, Hotel Management, acquired his Masters in Tourism and Graduation in HMCT & AN from IHM Pusa, and currently pursuing PhD from Dr. Abdul Kalam Technical University (AKTU), Lucknow. He has a wide experience of Industry and academics and published many national and international papers in reputed journals. He has worked as AGM in Godwin hotels, Training Manager at Radisson Hotel, Varanasi. Mr. Deepak Kumar has more than a decade of experience in teaching.

Mr. Prakash Chandra Pandey, Assistant Professor, Food & Beverage Service, Hotel Management, earned his BSc in Hospitality and Hotel Administration from IHM, Hajipur (NCHMCT), and completed his Masters in Tourism Management (MTM). He has more than 12 years of working experience, including 7 years in the Hospitality Industry and 5 years in Teaching. He served organizations like Hotel Ashoka, New Delhi, IRCTC, etc.

Ms. Sanskriti Singh, Assistant Professor, Hotel Management, earned BSc in Hospitality and Hotel Administration from IHM, Jaipur and Postgraduate degree from NCHMCT, Noida in Hospitality Administration. She has qualified National Hospitality Teacher's Eligibility Test (NHTET) conducted by NCHMCT, Noida.

Mr. Rohit Kumar, Assistant Professor, Hotel Management, was graduated from IHM, Shillong (Meghalaya), and completed BSc in Hospitality and Hotel Administration (2012). He acquired his Masters in Tourism Management (MTM) and Post-Graduation in Hospitality Administration from NCHMCT, Noida. He has five years of Hospitality Industry Experience and worked in the organization like ITC Grand Chola, Chennai, HILTON Chennai, etc.

Ms. Vinita Singh, a BBS in Finance from SSCBS, University of Delhi, and an MBA in Finance and Marketing from GGS Indraprastha University, Delhi and NET qualified joined in the Faculty of Management.

Welcome to the SRM Family...

Congrats.....

PROJECT

Smart Classroom Project

Dr. Puneet Goswami, Professor, Dept. of CSE has been granted a "Smart Classroom Project" by IIT Bombay, which is partly funded by MHRD under the IMPRINT scheme, and the remaining by the Tata Centre at IIT Bombay. The smart classroom tools (SAFE and BodhiTree) which will be available for use in our University in collaboration with IITB research team, are intended to reduce teacher load as well as enhance student learning. SAFE supports secure and easy classroom attendance using students' smartphones. SAFE also supports secure and easy objective exams on students' smartphones as they have a large database of objective questions in various CS/IT subjects. BodhiTree supports automated evaluation of programming assignments; we have a large database of programming questions on CS/IT courses, for University use.



ACHIEVEMENTS



Ms. Sonia Bathla

OLYMPIC REFEREE

Ms. Sonia Bathla, Assistant Director, Department of Sports and Physical Education, represented India as a Match Manager appointed by FIH (Federation of International Hockey) & AHF (Asian Hockey Federation) for FIH Pro League 2019 held at Changzhou, China during March 21-22, 2019.



Dr. Sam Nesamony

PARTICIPATION

Dr. Sam Nesamony, Department of English, Faculty of Humanities and Social Sciences, is one among the thirty research scholars selected to attend a Research Methodology Course at the prestigious National Institute of Educational Planning & Administration (NIEPA), New Delhi during July 1-12, 2019.

TRAINING

Dr. Sam Nesamony was invited to Train Teachers on "Teaching Methodology and Communication Skills for Teachers" at Fathima Public School, Kottamam, Neyyattinkara, Thiruvananthapuram, Kerala during 11-13 January 2019.



Ms. Saloni Chaudhary

INVITED PRESENTER

Ms. Saloni Chaudhary, Ph.D. scholar, Department of Environmental Sciences, guided by Prof. G. Raghavendra G. Rao, presented a paper on "A Case study of Smart Waste Water Management System Technology for Agricultural Implements Manufacturing Industry: Recycle and Reuse in New Holland Plant- India" at the INDO-UK workshop on "Waste Water treatment: Approaches, Management and Capacity building" held on July 03-05, 2019. This workshop was supported by a Researcher Link grant under the New Bhabha Fund partnership. The grant was funded by UK Department for Business, Energy and Industrial Strategy, and the Royal Society of Chemistry. It was delivered by British Council and organized by Panjab University, Chandigarh, India.



Ms. Kusum Rani

SPECIAL AWARD

Ms. Kusum Rani, PhD Scholar, Department of Biotechnology has been awarded third position for poster presentation, titled, "Synergy of the three compounds with Colistin, Meropenem, Cefotaxime, Nitrofurantoin, Tetracycline, Piperacillin and Tazobactam against MultiDrug Resistant (MDR) E. coli and Klebsiella pneumoniae" at 2nd International Conference on "Antimicrobial Resistance, Novel Drug Discovery and Development: Challenges and Opportunities" organized by SRM University, Delhi-NCR, Sonapat in association with Royal Society of Tropical Medicine and Hygiene, UK on March 19, 2019.

She was also awarded the first prize for the best poster presentation competition held at the National Conference on "Technological Innovations in Management, Engineering and Sciences" organized by SRM University in collaboration with IBM Corporation on April 9, 2019.



Mr. Sukarn Singh

Mr. Sukarn Singh, Civil Engineering third year student won the coveted second position in PATW-2019 competition conducted by the IET North Division (India).

MILESTONES

PATENT

1. Goswami, Puneet, "A method for Component Development and Testing using Mamdani Fuzzy Inference System", published on February 22, 2019, in the patent office Journal No.08/2019.
2. Goswami, Puneet, "K-DDD Measure and Map Reduce based Anonymity Model for secured Privacy – Preserving Big Data Publishing" published on 31 May 2019, in the patent office Journal no.22/2019.

BOOKS

Neelakandan, Sanil M. *Socialism: A Reader*, Aakar Books, New Delhi, 2019.

Priyadarshini, Anjali. *Biocatalysis and Agriculture Biotechnology*, Apple Academic Press, Taylor and Francis, 2019. <http://www.appleacademicpress.com/biocatalysis-and-agricultural-biotechnology-fundamentals-advances-and-practices-for-a-greener-future/9781771886895>.

Mishra, Sushil Mishra, *Global English Grammar for Academic Courses and Competitive Exams*, The Literary Council India, Mathura, U.P., 2019.

Mishra, Sushil Kumar, *Comprehensive Common Error Book for all Competitive Exams*, The Literary Council India, Mathura, U.P., 2019.

RESEARCH PAPERS

1. Madan, Suman, Puneet Goswami, "K-DDD measure and Map Reduce based Anonymity Model for Secured Privacy-preserving Big Data Publishing," *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*, ISSN (print): 0218-4885|ISSN (online): 1793-6411, 27(02), 177-199 (2019), <https://doi.org/10.1142/S0218488519500089>.
2. Goswami Puneet, Parkash P (Vice-Chancellor, SRM University), "Data Mining: Driving Insights from Data – marts", *University News*, ISSN No.: 0566-2257, 57(19), May 13-19,2019 pp. 6-11. (UGC Journal No. 40938). https://www.ugc.ac.in/journalist/ugc_admin_journal_report.aspx?eid=NDA5Mzg=
3. Gilbert, Edwin Prem Kumar, K. Baskaran, Elijah Blessing Rajasingh, M. Lydia, A. Immanuel Selvakumar, "Trust Aware Nature Inspired Optimized Routing in Clustered Wireless Sensor Networks," *International Journal of Bio-inspired Computation (Inderscience)*, 14(2), 2019, pp. 103 – 113, ISSN

online 1758 – 0374. DOI: 10.1504/IJBIC.2018.10019309 (Impact Factor: 3.395)

4. Gilbert, Edwin Prem Kumar, M. Lydia, K. Baskaran, Elijah Blessing Rajasingh, "Trust Aware Fault Tolerant Prediction Model for Wireless Sensor Network based Measurements in Smart Grid Environment," *Sustainable Computing: Informatics & Systems (Elsevier)*, 23, pp. 29-37, September 2019, ISSN 2210-5379. DOI: 10.1016/j.suscom.2019.06.001 (Impact Factor: 1.800).
5. Tiwari, Vidhu S., et al. "Sulfur Co-Doped Reduced Graphene Oxide-Nickel Oxide Nanoparticle Composites for Electromagnetic Interference Shielding", *ACS Applied Nano Materials*, 7, (2019), 4626-4636.
6. Tiwari, Vidhu S. "Fiber Optic Hydrogen peroxide Sensor based on Evanescent Wave Absorption Spectroscopy", 27th DAE-BRNS National Laser Symposium, RRCAT, Indore, India, December 3-6, 2018, 125-126.
7. Singh, K. (2019) "Positive organizational culture: conceptualizing managerial role in interpersonal conflict" *European Journal of Business and Social Sciences*, June (2019), 7(5), pp.1508- 1518.
8. Singh, K. (2019) "Current Scenario of Living and working in India: An interview". *Pezottaite*. 8 (1), January-March, 2019.
9. Gupta, Abhinav and Upendra Singh, "Factors Affecting Environmentally Responsive Consumption Behavior in India: An Empirical Study", *Jindal Journal of Business Research*, (Dec 2018), pp. 16- 35.
10. Yadav, Manoj Kumar (one of the authors). "Possible activation of NRF2 by Vitamin E/Curcumin against altered thyroid hormone induced oxidative stress via NF B/AKT/mTOR/KEAP1 signalling in rat heart", *Nature Scientific Reports*, 9(1):7408, (15th May 2019) doi: 10.1038/s41598-019-43320-5.
11. Singh, Tejbir, Pawan Kumar Singh and Vishant Gahlaut, "Design of Compact Monopole Ultrawideband Frequency Reconfigurable Antenna," *Pertanika Journal of Science & Technology*, 27 (3): 1131 - 1145 (2019).
12. Seema Dahiya and Pawan Kumar Singh, "Optimized mobile sink based grid coverage-aware sensor deployment and link quality based routing in wireless sensor networks", *AEU International Journal of Electronics and Communication (Elsevier)*, 89, pp. 191-196, March, 2018. (SCI Indexed; Impact Factor: 2.115).

PRESENTATIONS

1. Narang, Sudha, Puneet Goswami, Anurag Jain, presented the paper titled "Statistical Analysis of Cloud-based Scheduling Heuristics" at 4th International Conference on Information, Communication & Computing Technology (ICICCT-2019) in collaboration with Springer CCIS and Computer Society of India (Scopus Indexed), held on May 11, 2019 conducted by JIMS, Sector-5, Rohini, New Delhi.

2. Madan, Suman, and Goswami, Puneet, presented a paper titled "A Novel Technique for Privacy Preservation Using K-Anonymization and Nature Inspired Optimization Algorithms" (March 21, 2019). Available at SSRN: <https://ssrn.com/abstract=3357276> or <http://dx.doi.org/10.2139/ssrn.3357276> (Scopus Indexed).
3. Madan Suman, Goswami Puneet, Presented the paper titled "A privacy preserving scheme for big data publishing in the cloud using K-Anonymization and Hybridized Optimization Algorithm" has won the Best Paper Award in the track Data Science and Analysis in the IEEE international conference on Circuits and Systems in Digital Enterprise Technology (ICCSDET-2018) (Scopus Indexed) hosted at SAINTGITS College of Engineering, Pathamuttom, Kottayam, Kerala, India during December 21-22, 2018.
4. Ms. Sonia Bathla, Assistant Director (Sports) presented a paper titled "A Comparative Study on Sources of Stress between National & International Female Hockey Umpires" in National Conference on "Technological Innovations in Management, Engineering and Science" at SRM University, Delhi-NCR, Sonapat, Haryana, April 26-27, 2019.
5. Chaudhary, Saloni, and Raghavendra G. Rao presented a research paper titled, "Clean Energy Promotion by an Agricultural Machinery Company - A Case Study of New Holland India" in the National Conference on Technological Innovations in Management, Engineering and Science 2019 (TIMES-2019), held at SRM University Delhi-NCR, 26-27 April 2019.
6. Dr. M K Senthil Babu, Assistant Professor, Dept of English presented the paper titled, "Linguistic Imperialism and Medium of Education in Postcolonial India." National Conference on Extending Post colonialism: Living in an Age of 'Precariousness' and 'Precarity', Christ (Deemed to be University), Bangalore on 4-5 February 2019.
7. Bathla, Sonia, "Measurement of Competitive Sports Anxiety between University Level basketball & Football Players" in International Journal of Physiology, Nutrition, and Physical Education, 4(1), 704-705, 2019: 2456-0057.
8. Bathla, Sonia "Perceived Sources of stress among National Hockey Umpires in India" in "International Journal of Physical Education and Sports" 3(4), 19-21, 2018: 2456-2963.

CERTIFICATION

Dr. M. Mohan, Assistant Professor, CSE, has been awarded certificate on "Introduction to Automata, Languages, and Computation", an online course he secured Elite+Gold rank through SWAYAM - NPTEL Online Certification during Jan-April 2019.





SRM University, Delhi-NCR, Sonapat, Haryana is placed at fourth at the 'Student Diversity' by the Education World



The Faculty of Engineering, SRM University, Delhi-NCR, Sonapat, Haryana is placed at sixth by the Education World

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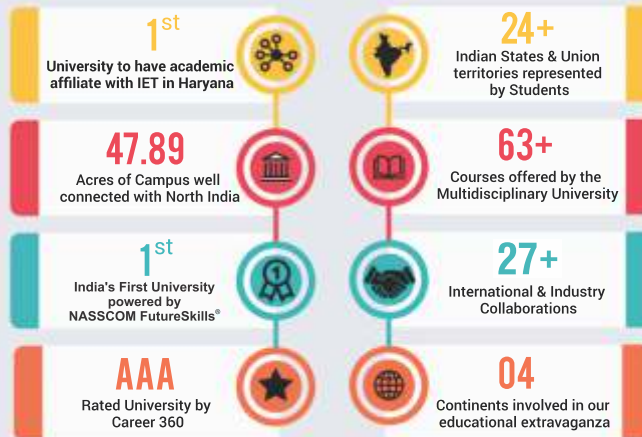
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Mechatronics | Robotics and Automation

M.Tech.

CSE | CE | ECE | ME |
Biotechnology (Pharmaceutical /Industrial)

FACULTY OF LAW

B.A. LL.B (Hons.) • B.B.A. LL.B (Hons.) • LL.B (Hons.) • LL.M (1 year)

FACULTY OF MANAGEMENT

BBA • MBA

FACULTY OF COMMERCE & FINANCE

B.Com (Hons.) • M.Com.

FACULTY OF SCIENCE AND HUMANITIES

BA - English (Hons.) | BA - Economics (Hons.) |
BA - Political Science (Hons.) | BA - Psychology (Hons.) • BCA •
B.Sc. - Computer Science (Hons.) | B.Sc. - Chemistry (Hons.) |
B.Sc. - Physics (Hons.) | B.Sc. - Mathematics (Hons.) |
B.Sc. - *HHA | B.Sc. - **HMCT • MA - English | MA - Economics •
M.Sc. - Physics | M.Sc. - Biotechnology | M.Sc. - Mathematics |
M.Sc. - Chemistry |
M.Sc. - Microbiology (Applied / Pharmaceutical)

*HHA = Hospitality and Hotel Administration

**HMCT = Hotel Management and Catering Technology

INDUSTRY INTEGRATED COURSES

COURSES IN ASSOCIATION WITH IBM

B.Tech - CSE with specialization in
- Cloud and Mobile based Application
- Data Science & Artificial Intelligence
- Blockchain and IoT

COURSE IN ASSOCIATION WITH XEBIA

B.Tech - CSE with specialization in
- DevOps

COURSE IN ASSOCIATION WITH TCS

B.Tech - Computer Science and Business System

IN ACADEMIC PARTNERSHIP WITH KPMG IN INDIA

BBA with specialization in
- Business Analytics

Ph.D. in all programs

INDUSTRY & INTERNATIONAL COLLABORATION



PROFESSIONAL ACADEMIC MEMBERSHIP



ACADEMIC AFFILIATE



INNOVATION CELL



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