

JANUARY - DECEMBER 2018

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# A UNIVERSITY NEWSLETTE





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#### Acknowledgement

The Editor 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.

Wish you all a

happy new year

Reflection : Jan - Dec 2018

# **Chancellor's Advice**



# Dear Vice Chancellor, Registrar, Deans, Faculty & Staff

t is a matter of great delight and pleasure to hear that SRM University Delhi-NCR Sonepat, Haryana is bringing out REFLECTION, the University Newsletter.

Education has been viewed as a panacea for all the ills of the human society since times immemorial. Education as a liberating and reforming tool, is wielded powerfully by many reformers, academics and educationists in India to penetrate the rigid social order. Education as an ideology is meticulously articulated and enthusiastically approached by scholars irrespective of subjects and boundaries as they believed that it has the power and potential to enlarge, and invigorate human beings. The results, so far, may not be spectacular but worthy of deep research and emulation. Reformers, including educationists, tried to remedy their cause of reforms through a range of measures, establishing new institutions, adopting philanthropic initiatives and so on for making a marvelous and remarkable India.

Our vision is to educate the young generation who will be morally and exemplarily responsible citizens committed to contributing to the betterment of our country and to the international community. Undoubtedly, our innovative and reflexive methodologies, based on the contemporary theories, put up by the theorists, philosophers, scientists and academicians, which are predominantly useful and quintessentially needed for developing the modern economies. This aim and vision to generate to multifarious talents among the new and younglings, will culminate and perpetuate a knowledge society that will evolve into a profound and astounding eminent intellectuals, and that would be the pride of SRM University. Consequently, SRM Institutions attempt to engage with the global academic culture rigorously by catering to myriad number of rural, urban and international students.

In this endeavour, SRM University, Delhi-NCR, Sonepat, Haryana, in association with other SRM Universities, meticulously and meritoriously carry out teaching and research, encourages students from different countries and their diverse cultures for preferring higher education and cutting-edge research. Thus, SRM University attempts to engage with the global academic culture rigorously.

Congratulations to the Vice Chancellor and his team for their commitment in bringing out the University Newsletter.

Best wishes.

Ravi Pachamoothoo





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# **Vice Chancellor's Motivation**

# Dear alumni, faculty, staff, students and friends,

t gives me immense pleasure and joy that SRM University Delhi-NCR Sonepat, Haryana is bringing out REFLECTION, the University Newsletter, which is a 'torch-bearer' carries the most important events happened during the immediate past.

University, an institution at the highest order, predominantly for two things, teaching and research, and our fledgling SRM University Delhi-NCR is no exception to this. The university, during the past one year, underwent tremendous and substantial changes, endeavored with many programmes as tertiary education, plays a pivotal and seminal role in uplifting of an individual and the society. The myriad facets of life, percolate and influence through higher education, with its enormous potential of cutting-edge research, imbibing both tradition and modernity, impelled with nuances of academic and professional synthesis, surmounting impressive credentials into unwavering intellectualism, which makes the university into one of the outstanding private universities in India. I am sure, the university, fabulously adorned with ideas of informing, performing, reforming, and transforming human beings in multi-faceted ways, has its credibility on nation building through a splendorous university education.

"A lamp can never light another lamp unless it burns its own flame" said Nobel Laureate Rabindranath Tagore. So, mentoring and guiding the students and fraternity with unwavering faith, singleness of heart and earnestness of life become pertinent and paramount importance of every faculty to inculcate and impart the cardinal principles of the subjects that resuscitates and germinates fresh and new knowledge to the learners. The collective endeavours of the varsity is slowly culminating towards its vision and mission in imparting excellence in learning and knowledge driven skills to the students from all over India and abroad. This erudition, with sustained skills acquired through classroom practices, labs, libraries, archives, repositories, literary associations, drama and debate clubs, competitions, examinations, seminars, conferences, meetings, symposiums, workshops, industrial visits and so on perpetuated into propelling the university, faculty and students miles ahead, and makes every student a prodigious, proficient, promising and prominent citizen in all ways of life.

Education is a great equaliser between Caste, Creed, Religion and Region, whereas, university education, which plays a pivotal role in accelerating the mankind for their own enlightenment. University-like SRM University, Delhi-NCR, Sonepat, Haryana has been relentlessly serving the pupils in dissemination and promotion of knowledge. I am delighted to be a member of this budding young university, which has made a benchmark in Engineering & Technology, Law, Management Studies, Science & Humanities and Research. The adventurous initiatives of the varsity is slowly culminating towards its vision and mission in imparting excellence in learning and knowledge driven skills to the students from all over India and abroad. Our institutions mainly want to imbibe the quality of personality development and create a thirst for knowledge and determination to succeed within the students. The management is constantly on the lookout to give students every opportunity for personal growth. Our prime concern is to address the students and their wellbeing is given paramount importance.

Congratulations to Dr. Sam Nesamony for his unflinching commitment in editing and publishing this issue. I am indebted to all officials, deans, faculty members, research scholars, students and well-wishers for their longing interest in making the newsletter into a successful one.

SRM University, Delhi-NCR, Sonepat gratefully acknowledges Dr. T. R. Paari Vendhar, Hon'ble Founder Chancellor and Mr. Ravi Pachamoothoo, Hon'ble Chancellor for their unconditional support and enthusiasm in bringing up the university to a greater height.

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

With best wishes



Dr. P. Prakash Vice Chancellor

# **SIGNATURES GLOBAL COLLABORATION**

# University of Birmingham, UK officials visit SRM University

A five member team from the University of Birmingham visited our campus on February 15, 2018 for developing greater and bigger cooperation between the two universities. The Birmingham team, represented by Dr. Brian McGarrie, Senior Lecturer, Birmingham Business School; Mr. Carl Adaway, Regional Manager (Sub-Saharan Africa, South Asia, the Americas), International Recruitment; Ms. Aprajita Kalra, Country Coordinator (India) and Mr. Abhishek, Country Coordinator (UAE) had a splendid campus tour, accelerated into a presentation by Mr. Manoj Kutty, Deputy Director- Admissions and International Relations.



Mr. Ravi Pachamoothoo, Dr. P. Prakash, Dr. Manish Bhalla and Dr. I. K. Sharma with Dr. Brian McGarrie, Mr. Carl Adaway, Ms. Aprajita Kalra and Mr. Abhishek



The Chancellor and team meet Professor Prabhu Guptara, author, speaker and management guru, University of St. Gallen, Switzerland.

# Chancellor and Team Visited United Kingdom

Mr. Ravi Pachamoothoo, Hon'ble Chancellor; Dr. P. Prakash, Vice Chancellor; Prof. Samuel Raj, Dean Academic Affairs; and Mr. Manoj Kutty, Deputy Director - Admissions and International Relations, SRM University, visited UK during July 8-15, 2018. The team met some of the prominent professors and officials of the prestigious University of Oxford, University of Cambridge, University of Hertfordshire, University of Coventry, and Peking University. The trip was extremely meticulous which offered great insights on collaborative opportunities. The Chancellor and team met Professor Prabhu Guptara, author, speaker and management guru, University of St. Gallen, Switzerland; Dr. Tamar Ghosh, Chief Executive, Royal Society of Tropical Medicine and Hygiene, London, United Kingdom; Mr. Sayaz Miah, Head, International Recruitment, and Mr. James Perrin, Head, International Partnership, University of Hertfordshire, United Kingdom; and also erudite and exemplary scholar, Prof. Andrew Davidson Briggs, British Scientist & Professor of Nanomaterials, University of Oxford.



Chancellor and team with Dr. Tamar Ghosh (centre), Chief Executive, **Royal Society of Tropical** Medicine and Hygiene, United Kingdom



The Chancellor and team with Mr. Sayaz Miah, Head, International Recruitment, and Mr. James Perrin, Head, International Partnership University of Hertfordshire, United Kingdom

Prof. Samuel Raj and Mr. Manoj Kutty with the erudite and exemplary scholar, Prof. Andrew Davidson Briggs, British Scientist & Professor of Nanomaterials, University of Oxford

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The SRM Team with Sir Tom Leon Blundell, British Biochemist, Structural Biologist, Science Administrator, Founder CEO, BBSRC; Founder Director, Astex Pharma and presently, Director of Research, University of Cambridge.

# Memorandum of Understanding with Oxford University

SRM University authorities received green signal from the prestigious, Oxford University, United Kingdom, for the signing of a Memorandum of Understanding (MoU), which is considered to be a phenomenal step forward on the path of progress of the university. According to this, the university will prepare students for various exchange programmes like, training, short term academic courses, summer workshops, research activities and industrial internships with University of Oxford. The Oxford University has a special programme, COMPAS, for those students and faculty members of other universities, and SRM is keen to introduce COMPAS in our campus also. Prof. Samuel Raj, Dean, Academic Affairs, and Mr. Manoj Madhavan Kutty, Deputy Director, Admission and Coordinator, International Relations, are in the forefront in connecting a vital relationship between the two universities.

# Chancellor & Team meet Sir Tom Leon Blundell, Cambridge University

Hon'ble Chancellor, Mr. Ravi Pachamoothoo; Vice Chancellor, Dr. P. Prakash, Dean Academic Affairs, Prof. Samuel Raj; and Deputy Director – Admissions and International Relations, Mr. Manoj Kutty, met Sir Tom Leon Blundell, a leading Biochemist, Structural Biologist and Science Administrator with ASTEX Pharma at Cambridge. In a formal meeting organized, the Chancellor and team not only honoured Sir Tom, but also encouraged for a wider cooperation in academic research.



The Chancellor and Vice Chancellor with Prof. Theodore Roosevelt Malloch Jr, doyen of Roosevelt family, great grandson of President Roosevelt, CEO, Roosevelt Group, USA and a Fellow, University of Oxford

# Seychelles Visit

Hon'ble Vice Chancellor, Dr. P. Prakash and Deputy Director, Admissions and International Relations, Mr. Manoj Madhavan Kutty visited Seychelles for academic cooperation during February 6-8, 2018. They held discussions with Minister of HRD, Health and Education, and also met the President in a proposed meeting arranged by the Assembly speaker and Minister of Finance.

# **Egyptian Delegation Welcomed**

The University had a delegation from Egypt on March 08, 2018. Prof. Maged Abdel Tawab Ahmed El Kemary, President of Kafrelsheik University, Egypt and Dr. Mahmoud El Tholth, Faculty of Pharmacy, who presided over the meetings between officials of both universities. A presentation and series of discussions were highlighted, and a MoU is in the final stage and awaits our delegation to Egypt in the near future. This will felicitate a better academic exchange between Egypt and India.

# Mr. Christian Raetzsch visited SRMUH

The University was honoured and pleased on inviting Mr. Christian Raetzsch, Vice President and Chief Technical Officer, IBM for the Launch talk on the inauguration for B.Tech CSE (Data Sciences & Artificial Intelligence) in association with IBM on June 15, 2018.

# Dr. Prithvi Raj, Dalhousie, USA visited SRMUH

One of the prominent official from the University of Dalhousie, USA visited SRM University for discussion on February 28, 2018 on the mutual Collaborative agendas in a symbiotic terms, where University management initiated a detailed interaction with him.

# Amikom University officials Visited SRM University, Delhi-NCR

The Delegates from Amikom University, Indonesia visited SRM University on July 17, 2018 and interacted with the Vice Chancellor, Dr. P. Prakash and other key officials. They spent couple of hours in the University premises and had a campus tour exploring the various possibilities for potential collaboration in various programmes.

# SRM Team met University of Salford Delegation

Prof. Jo Purves, Pro-VC, International Partnership and Regional Partnerships and Dr. Andrew Snowden, Strategic Advisor to VC, University of Salford were received well by SRM team at Hotel Imperial in New Delhi on July 24, 2018. Hon'ble Vice Chancellor, Registrar, Dean Academic Affairs, Director Admissions and Deputy Director, admissions interacted and discussed on the academic collaboration and cooperation with the delegates for future endeavours.



VC Dr. P. Prakash with Mr. Christian Raetzsch, IBM



VC and his SRM team with Prof. Jo Purves and Dr. Andrew Snowden, University of Salford

# **SRM Facilitates Adobe Team Member**

Ms. Garima Babar, a team member from Adobe visited SRM University, talked to the key officials and members from the Department of Computer Science and Engineering on July 30, 2018. In a meeting convened at the Mini Conference Hall in the university premises, she delivered an inspiring talk with full of zeal and enthusiasm.

# Singapore University Team at SRM Delhi

Dr. Priscilla Vincent, Strategic Partner, NSDC (National Skill Development Centre), Singapore University and her team visited SRM University on October 3, 2018. She showed keen interest to work with SRM University for providing various bright opportunities in possible collaborative terms.

# SRM Signs MoU with NASSCOM

SRM University Delhi-NCR, Sonepat, Haryana, signed a Memorandum of Understanding (MoU) with NASSCOM on February 15, 2018, where hundreds of students, faculty members and staff participated. In a function organized at the University auditorium, Dr. P. Prakash, Hon'ble Vice Chancellor, welcomed the audience, particularly the dignitaries of NASSCOM and eulogized the efforts of their collaboration and contribution in education. He pointed out, the eminency of SRM Group in imparting education is now almost fifty years in institutional building based on knowledge acquisition, knowledge adaptation and knowledge application. Mr. Ravi Pachamoothoo, Hon'ble Chancellor, who presided over the function, appreciated the unflinching commitment of officials on bringing both SRM University and NASSCOM together for academic cooperation, and encouraged the students, and expressed his vision of the University, and inspired that the SRM Universities at Chennai, Sonepat, Amravati and Gangtok, are imparting and inculcating more than 70000 students, who represent different countries and diverse culture. Mr. Udaya Shankar, Country Lead, IT-ITeS, NASSCOM, who played a pivotal and seminal role in collaboration of the two organizations was honoured by the Chancellor and facilitated by the Vice Chancellor.

Dr. (Ms). Sandhya Chintala, Vice President, NASSCOM and CEO, IT-ITeS Sector Skills Council, in her key note address, articulated that change in technology happens in every six months and it becomes adequate and obligation to adapt technology for teaching and learning. Exploring further opportunities on knowledge production, she concluded that students and young generations with 'new brain' to adapt both industry and academia as two sides of a coin for 'fast knowledge solutions' have to 'discover themselves' and 'empowered with skills' for job creation, whereas, the teachers have to teach more in less time. As a sign of mutual understanding, the university authorities and NASSCOM officials exchanged files for a wider cooperation and collaboration.



MoU signing between SRM dignitaries and Dr. (Ms.). Sandhya Chintala and Mr. Udaya Shankar

# SRM University Faculty at Katholieke Universiteit Leuven, Belgium

Dr. Sam Nesamony, Department of English, Faculty of Humanities and Social Sciences, was one among the eighteen scholars selected globally to attend the Research Academy, MiMoRa, KADOC (Katholiek Documentatie - en Onderzoek Centrum) at the Katholieke Universiteit (Catholic University), Leuven, Belgium (founded, 1425). Not only he delivered a lecture on Modern English Education and Modernity in India, but also participated in the workshop, conducted during September 12-21, 2018, which was organized specially for the Research Methodology in higher education. This scintillating experience to attend the Research Academy through brain-storming sessions by expert professors from many European and Ivy-League Universities paved new experience in collaboration and cooperation, which stimulated to explore, expound and explicate new methodologies in research through innovation, renovation and rejuvenation for informing, performing, reforming and transforming higher education globally.



Dr. Sam Nesamony at the University Square, Leuven, Belgium



# Lecture on Drug, Design, Discovery & Development

The Centre for Drug, Design, Discovery and Development (C4D), SRM University, organized a lecture at the Mini Conference Hall on November 29, 2018, where Dr. Sunita Malhotra, Director (Academics), AbbVie, Chicago, USA was the guest speaker. Dr. Malhotra spoke on Abbvie Pharmaceuticals, a pharma company, which creates long-term mutually beneficial relationships by partnering with business, academia or consortia. Interestingly, as a highlyfocused, research-driven bio-pharmaceutical company, Abbvie concentrates research on various fields of drug discoveries and come up with new approaches for addressing the life-threatening illness to chronic conditions. While, in Immunology, Abbvie focuses on medicine to address the chronic progressive diseases including in rheumatology and dermatology, the organisation explores the pathways, technologies and approaches to tackle most widespread and debilitating cancers in Oncology. The treatment of chronic disabling neurological conditions and impairments, including Parkinsons disease and Alzheimer's disease are explicated in Neurosciences. She concluded the inquisitive and informative lecture with a note on Virology, addressing the unmet needs for the people living with HIV-1 and Hepatitis C and seeking solutions for the disease like cystic fibrosis, endometriosis and diabetic nephropathy.

# A Day with Accreditation Expert Prof. Richard Morling

The Institution of Engineering and Technology (IET), UK organized a one-day workshop on "IET International Higher Education Workshop" on December 7, 2018 at the Mini Conference Hall, SRM University Delhi-NCR, Sonepat. Prof. Richard Morling, IET Accreditor and expert on Accreditation, United Kingdom (UK), who was accompanied by Mr. S. Raghavan, Head – Membership and Partnership, IET, India and Ms. Megha Pandoh, Assistant Manager – Business Development, IET, India conducted the workshop. Dr. Vineet Bajaj, Associate Professor, Faculty of Engineering and Technology welcomed the guests and introduced Prof. Morling to the gathering.

Prof. Morling handled some of the exciting and exhilarating sessions, which include, 'Learning Outcomes and Learning Levels', 'Defining and Assessing Learning Outcomes', 'Learning and Teaching', 'Writing and Evaluating Course Learning Outcomes', 'Evaluating Teaching Methods' and 'Balancing teacher-centric and student-centric learning', 'Assessment Methods: Designing Assessment Schemes to measure the Course Learning Outcomes', 'Quality Assurance and Enhancement (QAE)' and 'Evaluating examination questions assessing the higher learning outcomes'. In the felicitation ceremony conducted, Dr. P. Prakash, Vice-Chancellor, Dr. Manish Bhalla, Registrar, Prof. V. Samuel Raj, Dean Academic Affairs and Mr. N. Senthil Kumar, Director – Administration and faculty members attended. The Vice Chancellor felicitated Prof. Richard Morling and colleagues, and thanked them for visiting the University and providing training to the faculty members. Prof. Morling and Mr. S. Raghavan handed over the "IET Academic Affiliate" certificate to the Vice-Chancellor.



Prof. Richard Morling, with VC, Registrar, Dean Academics, Director Administration and Faculty members

# Malaysian Dignitaries visited SRM University

Two high-ranking officials from Malaysia, Mr.Raja Taufik Azad and Mr. Adny Jaffedon Bin Ahmad, Vice Presidents, Economics & Investment, ISKANDAR Regional development Authority, Prime Minister's Department, Malaysia visited SRM University on December 19, 2018. In a meeting organized at the Mini Conference Hall, the Vice Chancellor, Registrar and Dean Academics not only honoured the dignitaries but also vividly discussed on promoting a culture of excellence between the Malaysian Universities and SRM University for academic linkages.



Vice Chancellor honours Malaysian Dignitaries

Reflection : Jan - Dec 2018

# **FOOTPRINTS**

# **RISHI Camp Organised at SRM** University

Department of Science & Technology, Government of India sponsored one-day Innovation Camp was inaugurated by Prof. A. K. Prasad, Department of Chemistry, University of Delhi and presided over by Dr. P. Prakash, Hon'ble Vice Chancellor, SRM University Delhi-NCR, Sonepat (Haryana) on 15 June, 2018. This is the second camp organized by the University, promoting RISHI (Regional Innovation Science Hubs for Innovators) Programme, which was envisioned, initiated and launched by the Department of Science & Technology, Government of India. Around 25 bonafide students, who are pursuing classes X, XI & XII with science subjects from Harvana and Delhi-NCR along with teachers participated in the camp.

# **International Yoga Day**

The University organized the International Yoga Day for the students, faculty and staff on June 21, 2018. Hon'ble Vice Chancellor, Dr. P. Prakash; the Registrar, Dr. Manish Bhalla; Dean Academic Affairs, Prof. Samuel Raj; faculty, staff and students enthusiastically participated with great fervor and spirit. Addressing the students and faculty, the Vice Chancellor, evinced the importance of yoga, and explained the benefits of yoga asanas and meditation. The Yoga day was organized by Ms. Sonia Bathla, Assistant Director, Sports, and Ms. Sudesh, the instructor taught the various asanas, like, warming up, stretching, standing, sitting, lying and other postures.



Dr. P. Prakash, Dr. Ashok K Prasad (speaking), Dr. Ajit Kumar, Mr. Vikram Barara and Prof. V. Samuel Raj on the dais



A Yoga session in progress

# **Academic Orientation Programme**

The Academic Orientation Programme was celebrated on August 21, 2018 where hundreds of newly-enrolled students and their parents participated with great fervor and spirits. After lamp-lighting, invocation and felicitation of the Chief Guest and other dignitaries, Mr. Senthil Kumar, Director, Admission and Administration, welcomed the august presence. Dr. P. Prakash, Vice-Chancellor, exhorted the new students for entering into a life of transition and transformation and aimed at making a global citizen with all its latest techniques and technologies through higher education. He cheerfully counseled to the newly-joined students the importance of knowledge acquisition, dissemination, its application with equity and excellence along with ethos and ethics. Shri. Ravi Pachamoothoo, Hon'ble Chancellor, encouraged the students, expressed the vision of expanding higher education to the diverse Indian population and provided a synoptic overview of the quintessential growth of SRM Group of Institutions. The Chief Guest, Prof. A.P. Mittal, Member-Secretary, All India Council for Technical Education, New Delhi, encouraged the students to forge a democratic relationship with the teacher and develop an unconscious leaning interest. Prof. V. Samuel Raj, Dean-Academics and Director, C4D, in his Orientation address, inspired the students to discover the criticality in their academic pursuits, citing stalwarts like Albert Einstein and other pioneering scientists, and their intellectual trajectories that ought to be inculcated in student's endless scientific inquiry. The Chancellor felicitated certificates of Chancellor's and Haryana domicile Scholarships to the meritorious students. The function ended with a vote of thanks by Dr. Manish Bhalla, Registrar, followed by the National Anthem.



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### Jan - Dec 2018

# Independence Day & Republic Day

The University celebrated the Independence Day on August 15, 2018 where faculty, staff members and students participated with patriotic spirit and fervour. Dr. P. Prakash, Vice Chancellor unfurled the national flag and exhorted the august presence on the importance of nation building through hard work and determination and progress of every individual through inculcating and imparting education with great human values.



Vice Chancellor celebrates Independence Day with students and security staff

The Republic Day was celebrated on January 26, 2018 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, which is most essential for nation building.

# **Hindi Diwas Celebration**

Department of Hindi, SRM University celebrated 'Hindi Diwas' on September 14, 2018 at the university auditorium, where faculty members, staff and students participated. Addressing the audience, Dr. Prakash, Hon'ble Vice Chancellor expounded the importance of one of the most important languages of India and explicated how people are well-knitted through the most popular Hindi language. Prof. P. M. Gaur, former professor and head, Department of Hindi; adviser, Dr. Mangal Sen and Deen Dayal Upadhaya Chair, M.D. University, Rohtak, who was the Chief Guest, articulated the pre-eminence of Hindi Language, which is embedded in the custom, tradition and culture among the inhabitants for centuries. Dr. Manish Bhalla, the Registrar, pointed out, it has been the unflinching commitment of every individual to develop through the language as it has become a significant medium through which people are connected with. Prof. Samuel Raj, Dean Academic Affairs, Mr. Senthil Kumar, Director, Admission & Administration; Prof. A.K. Kantroo, Dean, Faculty of Law and Mr. Manoj Madhavan Kutty, Deputy Director, Admissions & Coordinator, International Relations spoke on this special occasion. The programme exhilarated when the first doctoral degree awardee, Ms. Manju Sharma, whose book "Haryana ki Lok Kathaoun mei Naari Chetna" was released by the Vice Chancellor.



Dr. P. Prakash, Prof. P. M. Gaur, Dr. Manish Bhalla, Prof. Samuel Raj, Prof. A.K. Kantroo, Mr. Senthil Kumar and Mr. Manoj Kutty

# **IET Indian Team Visit**

A delegation from the Institute of Engineering and Technology (IET), a U. K based body, specialized in accreditation of universities globally, visited SRM University premises on September 26, 2018. Mr. S. Raghavan, Head – Membership and Partnership, and Ms. Megha Pandoh, Assistant Manager – Business Development, IET India, met the officials and faculty members and discussed on the accreditation of SRM University, Delhi-NCR, Sonepat, Haryana.

# Digital Shakti: A Step towards Digital Empowerment of Women

'Digital Shakthi,' an awareness programme on the Cyber Crimes, which are prevailing in India, was organized on October 4, 2018 in collaboration with National Commission for Women, at the university auditorium. This special lecture, organized only for the female students and faculties, mainly focused on the cyber crimes, happening in India against the women. Ms. Janice Verghese, Trainer at Cyber Peace Foundation, who was the Chief Guest, articulated on the cyber crimes, which have become a global phobia, haunting our society also, particularly among women, and the tangible and compatible ways through which preventive measures against cyber crimes done by youth, were delineated with a bird's eye. She created a great impact in the minds of listeners with the help of power point presentations and illustrations, and explained about the punishments for the cyber crimes according to the Information Technology Act, Indian Penal Code etc, including a briefing on the information which the people have given in the social networking sites and its effect. The lecture concluded with an exhortation that women of



Group of women faculty and girls who attended the 'digital workshop'

contemporary generation of the country have to raise their voice against cyber crimes and all other crimes happening and remember that the person shall never be involved in this barbaric game of crimes and help those persons who are vulnerable to this game.

Reflection : Jan - Dec 2018

# Vice Chancellor invited as Speaker

Dr. P. Prakash, Hon'ble Vice Chancellor, was invited at the Higher Education conference on "Promoting a Culture of Excellence in Universities: Role of Ranking and Benchmarking" organized by O.P. Jindal Global University, Delhi-NCR, Sonepat on November 19-20, 2018. For a panel session on "Sustainable Higher Education: The Social Responsibility of Universities," the Vice Chancellor, who was one of the panelists, articulated the innovative and renowned programmes offered by the SRM University for reforming the higher education in India. Moreover, he idealized, for achieving an active sustainable higher education, the universities must get-involved with all stake holders including students, who create knowledge, productive and innovative, and emboldened with intellect and good character.



The Chancellor, Vice Chancellor and Registrar felicitate Hon'ble Chief Minister, Haryana

### SRM Honours Guru Drona Awards to School Principals

SRM University, Delhi-NCR, Sonepat, Haryana celebrated Guru Drona Awards – 2018, a Principal's Conclave at the Metropolitan Hotel, New Delhi on December 14, 2018. Hilarious it was, when the University, in associated with the Action Committee of Unaided Recognised Private Schools, where eminent educationists, teachers and faculty members, dignitaries, experts, and most specifically, about hundred school principals attended the function for making a wider and vital University-School collaboration. The leitmotif of this programme was to bring the school teachers and university teachers under one gambit for excelling, exhilarating and manoeuvring the culture of teaching-learning for making outstanding performance in education, particularly school education.

Dr. P. Prakash, the Vice Chancellor, SRM University welcomed the august gathering, and explicated that SRM universities and their branch institutions are catering more than 85000

students representing India and some of the foreign countries. Furthermore, he said, this fledgling five-year-old new institution, with a motto – learn, leap and lead, believes knowledge, which is one of the greatest and most efficient aspects of a human personality, originated, developed, transmitted, translated, transferred and ultimately transformed among generations to generations is to be shared by the universities.

Mr. Manoj Tiwari, Member of Parliament and President, Delhi State Unit, Bharatiya Janata Party, who was the chief guest, eulogized the programme initiated by the university and emphasized the schemes conceptualized and implemented by the government for the welfare of the teachers and learners, and mentioned that teachers are not only the real builders of the society but also the embodiment of knowledge and wisdom. Two panel discussions, one on 'Active Sustainable Development' chaired by Prof. Samuel Raj, Dean Academic Affairs, SRM University; and a second, headed by Mr. Senthil Kumar, Director, Administration and Admission, SRM University on 'Vocational, Professional and Entrepreneurial Education,' was conducted. The chief guest, Mr. Manoj Tiwari and the guest of honour, Mr. Yaduvendra Mathur, IAS, Additional Secretary (Niti Ayog), Government of India, gave away Guru Drona Awards to those selected Principals. The event cherished the experiential learning of best practices, optimal utilization of academic resources and their expertise. The award function ended with a vote of thanks proposed by the Registrar, Dr. Manish Bhalla.





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Vice Chancellor speaks in a panel session

# Meeting with Hon'ble Chief Minister, Haryana

The Chancellor, Shri. Ravi Pachamoothoo; Vice Chancellor, Dr. P. Prakash and Registrar, Dr. Manish Bhalla met Hon'ble Chief Minister, Haryana, Shri. Monohar Lal Khattar in Chandigarh on November 27, 2018. It is considered to be a landmark meeting as SRM University Delhi-NCR, Sonepat, Haryana, since its inception, always acknowledges and collaborates on the educational programmes conceptualized, initiated and implemented by the Government of Haryana. The Chancellor and team, inter alia, not only felicitated the Chief Minister, 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 in 2019.



Dr. P. Prakash, Prof. Samuel Raj, Mr. Senthil Kumar & Mr. Manoj Kutty with a group of Faculty and Staff members

# **ART & CULTURE**

# **University Fest – PRISMA 2K18**

PRISMA 2018, an intercultural two-day University Fest was inaugurated by the Vice Chancellor, where students from various Universities and nearby colleges participated. Mr. Senthil Kumar, Chairman, Cultural Committee, who welcomed the august presence, emphasized the purpose of celebrating the festival. Dr. P. Prakash, Vice Chancellor, in his presidential address, eulogized the efforts of faculty and students, and pointed out, the eminency of the students is based on knowledge acquisition, knowledge adaptation and knowledge application. Furthermore, he advocated, the talent and culture nurtured during childhood is exhibited when they are young, whereas, apart from the festivities and celebrations, the students have to nurture creativity, academic temperament and imbibe values. He honoured the members of the Cricket and Table-Tennis teams who successfully won the gold medal against the O. P. Jindal and Ashoka University teams. The audience was enthralled by the melodious song by Virat and Rohan. The inaugural function ended with the vote of thanks by Dr. Manish Bhalla, Registrar, followed by the national anthem.

The festivities, started immediately after the inauguration, had 'nukkad natak,' 'solo dance,' and 'fashion show'. Rishab and Virat filled the gap by rendering melodious and serenaded songs. The day ended with the innovative and rejuvenating musical intersections by dynamic DJ Kunaal and his enchanting team members who made the students spellbound.

The second and final day began with literary competitions – 'battle of words,' 'debate,' 'Sher-o-Shayri,' on poem reciting. Mr. Senthil Kumar gave a heart-warming welcome to the guests, dignitaries and participants. Dr. P. Prakash, the Vice Chancellor, who presided over the function, in his presidential address, articulated the role of youth in India and emphasized their participation through academic orientation in nation building process. Smt. Kavita Jain, honourable minister of Art and Cultural Affairs, Women and Child Development and Urban Local bodies, Government of Haryana, in her address, idealized the pre-eminent role of youth in nurturing the culture of the nation in the global society. Mr. Rajiv Deswal, Additional SP, Sonepat, Haryana, the Guest of Honour gave away the awards and certificates to the winners of competitions. The fest reached climax when the much-celebrated singer, Akhil, captivated the audience with thunderous applause and wondrous attraction through his hair-raising and fascinating performance.



Smt. Kavita Jain, Minister, Haryana, presents certificates and medals to winners

The DJ and singer Mr. Akhil

# AABHAS, The Theatre Society, won Rs. 12000 Cash Award

AABHAS, The Theatre Society, SRM University, was invited to participate in a Nukkad Natak competition, titled, 'Biswamil,' the annual fest of O.P. Jindal Global University, Sonepat, Haryana during October 5-7, 2018. A group of eighteen students participated in the competition from our university, whereas, the script, direction, production, performance of the Nukkad Natak were developed by the Theatre Society students themselves. The drama was thought provoking, emotional, dramatic and nearer to live performance, wonderful and intelligent dialogues with a taste of Indian regional verses and poems, when the audience were spellbound, fabulous and enthralled. The team won the second position and a cash award of rupees 12000/-.



The SRM Theatre Society, AABHAS

# MPRINTS Admission & Outreach Programmes

**Global Exposure:** Mr. Manoj Kutty, Deputy Director, Admission and Coordinator, International Relations, officiated and represented our University in the fairs organized by the UK, US, Canada and Australia for student recruitment during March 25 to April 01, 2018. While EDUEXPO – Asia Edition had a footfall of 100 international students, the SRMUH was marketed across ASEAN countries, like Bangkok (March 25); Jakarta (March 27); Phnom Penh (March 29); Hanoi (March 31) and Ho Chi Minh City on April 01, 2018.

**Gulf Programme:** GETEX – Gulf Education and Training Exhibition spring edition was held on April 12-14, 2018 at Hall 2 & 3, Dubai International Convention & Exhibition Centre (DWTC). Mr. Manoj Kutty, International relations, and Business Development Executive from KTR campus, jointly hosted various aspirants in the Study in India conclave in Dubai, where Many IIT and reputed institutions participated.

**Principal's Scholarship:** The Admission Division initiated yet another milestone achievement in the annals of the university on January 05, 2018 – The Principal Scholarship, where 1187 school principals received the letter for principal scholarship, which encourages that every tenth student from a same school shall be awarded a 100% scholarship as a special request from the respective school principal.

**Education Fair, Kota:** SRMUH had collaborated with some of the reputed and well-established coaching institutes like Allen, Resonance, Akash, Bansal, Vibrant, etc. for a major admission fair conducted at Kota, Rajasthan on January 19-20, 2018, where over 2000 students participated across the two-day event. A six-member resource team apart from key personnel from IBM, Ms. Shefaly Duttaand iLearn Finance, Ms. Miyani Lourembam witnessed this event. Students, who attended, showed immense interest to join the courses, and as an effect, a good number of admissions were also observed from in and around Rajasthan area.

**Education Fair, Pragati Maidan, New Delhi:** The faculty and staff attended Education Fairs, fabulously conducted intermittently at Pragati Maidan, New Delhi. The Admission Department, SRMUH in collaboration with Affairs Media, specially participated, on May 2-3, 2018, where hundreds of admission-seekers were received by our counsellers and advised on the benefits of skill development, employability through higher education.



Admission counselling sessions in progress

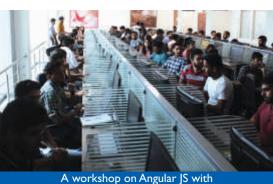


A collage of International students

# PATHFINDERS **Department of Computer Science**

# **Machine Learning with Python**

A one-day workshop, organized by the Department of CSE on "Machine Learning with Python," was held at the IBM lab on Aug 24, 2018. Mr. Ravi and Mr. Amit Srivastava, Director, Brain Mentors Pvt Ltd, Delhi were the Resource persons. The participants were welcomed by Dr. Arvind Kumar, Assistant Professor. Dr. I. K. Sharma, Dean, Engineering; Dr. Ajay Sharma, HOD, Dept. of CSE and ninety students attended the programme. The lectures were focused on the key concepts related to machine learning - Introduction to Python, Python Installation, Python Basics and Native Types, Functional Programming with Python, Introduction to Machine Learning, Interventions of Machine Learning in Artificial Intelligence, Installing Anaconda and Jupiter, Overview of Numpy and Pandas, Machine Learning Algorithms, Introduction to Object Detection, Building a Face Recognition App etc.



ENGINEERING

Python at IBM LAB



e-Governance (CeG), MeitY, New Delhi.

# Industrial Visit to ALTTC, Ghaziabad

Department of CSE organized an industrial visit to Advanced Level Telecom Training Centre (ALTTC), Ghaziabad on October 8-9, 2018 for B.Tech Sem (I & III) with 150 students, coordinated by Dr. Arvind Kumar, Dr. Surjeet Dalal, Mr. Neeraj Dahiya, Mr. Vaibhav, Ms. Sandhya, Ms. Surbhi and Ms. Bhawna. ALTTC is an apex training institute of BSNL, set up as a joint venture of International Telecommunication Union, Geneva, UNDP and the Government of India in 1975. The students were taken around various labs like the Mobile Lab, Broadband Lab, IT & Networking Lab, Optical Fiber Systems Lab, NGN Lab etc. The students apprised themselves with regard to the different technology executed by Mr. Abhishek Gupta (SDE-EB) during the visit.



Dr. Arvind Kumar and Ms. Nidhi Chawla with students attending a lecture at Huawei India

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# Research Visit at IBM Research Laboratory, New Delhi

# **Digital India Programme**

B.Tech CSE Sem VII students attended the sensitization workshop on "Digital India Programme" on October 30, 2017, at the Centre for e-Governance (CeG), Ministry of Electronics and Information Technology (MeitY), New Delhi. The programme covered successful and high impact e-Gov applications and content based on improved citizen service delivery, innovativeness, cost effectiveness and overall impact in fulfilling developmental objectives of the government. Some of the initiatives, demonstrated in the workshop were: e -Aadhaar, e-KYC, Jeevan Parman, Mobile Seva, MyGov, Open Data, e-Office, e-Sanjeevani, ISEA, Mee Seva, e-District, Passport Seva etc. The Workshop, which was coordinated by Dr. Arvind Kumar, and Ms. Preeti Hooda was very informative.



Industrial visit at ALTTC, BSNL, Ghaziabad, U.P.

# Visit to Huawei India

An Industrial Visit to Huawei India, Gurugram, Haryana, was organized on September 20, 2018 for the Computer Science students, which was coordinated by Dr. Arvind Kumar and Ms. Nidhi Chawla. Huawei India deals with telecommunication equipment and network solutions. Mr. Manish Goyal, Manager, Huawei, who was the Resource person, delivered a lecture on technological advancements in telecom technologies. The visit was very informative and innovative.

Department of CSE organized an industrial visit for B.Tech (Semester I), where 77 students, accompanied by Dr. Arvind Kumar (Coordinator), Mr. Iyyappan, Ms. Pritee Hooda and Ms. Surbhi, visited IBM India Research Laboratory, ISID Campus, Vasant Kunj, New Delhi, on September 14, 2018. Ms. Anuka Kumar, Leader-Academic Partnerships, IBM, delivered a lecture on technological advancements in big data and cloud technologies that imparted significant knowledge. This academic visit was instrumental and inquisitive to the newly-joined technology students, for they acquainted themselves with different technology executed by the company in cloud and data analytics.



# Visit to National Skill Development Corporation (NSDC)

Department of CSE organized an industrial visitfor B.Tech CSE-IInd Year with 38 students to India Skills 2018 at Aerocity Ground, New Delhi on October 04, 2018. Coordinated by Dr. Arvind Kumar and Ms. Pallavi Aggarwal, the visit witnessed to assess employability of available skilled pool using a structured online assessment tool. India Skills is an initiative of the National Skill Development Corporation (NSDC) under the Ministry of Skill Development and Entrepreneurship. NSDC, enfolding students on online learning to the skill-aspirants registered for skill training schemes. Students were asked specific questions related to their education along with psychometric assessment to facilitate themselves with the different technologies.



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Dr. Arvind Kumar and Ms. Pallavi Agarwal and students at the Skill Center

# DDO Doordarshan HPT Kasauli

Dr. Ajay Sharma, HOD, CSE and Ms. Sandhya Tarwani along with students, visited Doordarshan HPT Kasauli (H.P) on September 17-18, 2018 with an objective to make the students aware of how various activities related to Data Transmission, Digital Transmission or Digital Communications and Computer Network or Signal are carried out in Doordarshan, which is a public broadcast channel run by Prasar Bharati, Government of India. Mr. Raj Kumar, a designated official of Prasar Bharati, guided all participants to the auditorium where all students were divided into two groups, and each group was headed by one technical expert who helped the team to understand how tele-functions are carried out in the tower station. It took almost two hours to see the complete set of TV Tower, and that was followed by a discussion session and the participants were enthralled on the amazing guestions and incredible answers.



Prof. Puneet Goswami, Ms. Manvi Khatri, and students at Prasar Bharati Doordarshan,Kashauli



Dr. Ajay Sharma, Ms. Sandhya Tarwani and students at Prasar Bharati Doordarshan,Kashauli

**Department of Mechanical Engineering** 

# **Special Lecture**

A special lecture was conducted for mechanical engineering students on September 14, 2018 on opportunities in industry, entrepreneurship and management. The Guest, Mr. Virender Kumar, President and Managing Director, Udyami Sahyog Prishad, Gurugram delivered highly interactive and enlightening lecture.



Mr. Virender Kumar speaks to the ME students

# Presentation on Robotics, Automation and Design

A presentation on robotics, automation and designing of control systems was conducted by Edutech India Private Ltd., Noida, Uttar Pradesh on September 7, 2018. Seventy five teams from highlyesteemed institutes across India took part, and on the basis of their performance, they were selected for the virtual round to qualify to participate in Enduro Student India. The SRM, ME Team, ATHARVA, showed a commendable performance and got selected for the event in the first attempt and bagged a reputable 14th position in the virtual round. All the selected teams interacted with each other in a workshop organized by ESI at Shiv Nadar University, Greater Noida. Some members of the team, who went to attend the meeting, interacted with the organisers, IT inspectors, judges and other teams to know about the venue



Dr. P. Prakash, Prof. Samuel Raj, Mr. N. K. Sharma and Mr. Bhuvnesh Sharma (Team Mentor) with ME students

preferences, tech guidelines, rules, event formats, calendars and were answered. They also learned reviews regarding the All Terrain Vehicle (ATV) and mechanisms to improvise it. The workshop was not only enriching and motivating, but also gave a positive vision with empowering thoughts.

# **Engineer Day: Inauguration Ceremony**

On the occasion of World Engineer Day, 15 September 2018, the ATV making team of SRM University, TEAM ATHARVA, organized an inauguration ceremony for manufacturing their new ATV under the guidance of Mr. Bhuvnesh Sharma, Assistant Professor and Team Mentor. Honorable Vice Chancellor, Dr. P. Prakash, was the chief guest, along with Prof. Samuel Raj, Dean Academics and Mr. N. K. Sharma, HOD, Department of ME, attended and graced the occasion. Mr. Mohit Saini, the team captain, introduced the team members and presented the ATV, manufactured earlier, to all guests. He appreciated the efforts of previous team members who took the initiative to compete at BAJA SAE INDIA, Enduro Student India (ESI) and MEGA ATV by representing their ATV at national levels. During the inaugural ceremony, a video clip was shown to the audience on the manufacturing of the previous ATV. The Vice Chancellor appreciated the efforts and applauded the team, including faculty and students.



The All Terrain Vehicle (ATV) manufactured by the ME students

# Department of Civil Engineering

# Industrial Visit at Ranney Well and Booster Plant

A one day educational visit for final and penultimate year B.Tech (Civil Engineering) students was conducted on November 2, 2017 at Ranney well and boosting station near village Jagdishpura, Sonepat, Haryana. Aimed to get an understanding on how the theoretical knowledge is fitted into practice, the visit resulted in getting knowledge about Ranney well and their operations and how these wells will help the mankind for fulfilling their needs of water in the future.



Educational Tour to Irrigation Research Institute, Roorkee and Hydraulic Research Station, Bhadrabad

# **Educational Tour**

An educational tour for B.Tech Third year students was conducted on March 08, 2018 at Irrigation Research Institute (IRI), Roorkee and Hydraulic Research Station, Bhadrabad, Uttarakhand. This educational tour, which was focused to get an understanding of latest types of equipment of material testing used in the field nowadays. Having visited various laboratories of soil, rock, transportation, concrete and Hydraulic at IRI Roorkee, the team visited the various prototypes of hydropower generation plant components such as Tehri Dam, surge, spillways etc. at Hydraulic Research Station, Bhadrabad. The tour benefitted the students in terms of increasing their field knowledge.



# Survey Camp 2018

A ten-day Survey Camp for the B.Tech Second year students was conducted during June 15-24, 2018 at Kullu- Manali successfully. Coordinated by Mr. Nitin Dahiya, supported by Mr. Ravi Malik and Mr. Ankit Mani Tripathi, and assisted by Mr. Parveen, this camp was aimed to groom civil engineering students with essential knowledge and exposure to the real work, and to encourage leadership and team work skills. The camp resulted in inspiring and supporting students, emerging as leaders in several areas of academic provision. The camp was divided for various surveying exercises like, Fly levelling, Compass Surveying, the Odolite Surveying and Plane Table Surveying and Contouring. The students were enriching their experience in various technical aspects required in Surveying.



Reflection : Jan - Dec 2018

# **Department of Electronics & Communications Engineering**

# Widecom-2018

Department of ECE organized an International conference WIDECOM-2018, at the university auditorium during 16-18 Feb, 2018, where leading experts on communication engineering from different universities, colleges and other institutions participated. The conference, sponsored by the Springer, has been considered as a landmark programme, had many presentations on Digital Signal Processing, Circuits and Systems, Data Communications and Networking, Mobile and Wireless Communications, High Speed Networks, Optical Networks, VLSI design and Micro-electronics.

# **Industrial Visits**

# Aggressive Electronics Manufacturing Services Pvt. Ltd., Gurugram

The Department of ECE organized an Industrial visit at Aggressive Electronics Manufacturing Services Pvt. Ltd., Gurugram, Haryana, which is one of the leading manufacturers of electronics components in India on October 25, 2017. A group of 52 students and faculty, ECE Department, visited the organization and got apprised of the manufacturing process.

# Amber Enterprises (India) Pvt. Ltd., Selakui, Uttarakhand

The Faculty of ECE and 17 students visited Amber Enterprises (India) Pvt. Ltd, Selakui, Uttarakhand on March 17, 2018. The company is a leading manufacturer of Air Conditioners in India. The company has six different manufacturing unit and several testing facility at Dehradun, Uttarakhand.

#### Huawei Telecommunication, Gurugram

An Industrial visit was organized at one of the leading global leader in telecommunication services at Huawei Telecommunication, Gurugram on April 03, 2017, where faculty and students experienced the global research in telecommunications.



ECE faculty and students visit Centre for E-Governance, Ministry of Electronics and Information Technology, Government of India, New Delhi



Visit to India Skill Expo, Aerocity, New Delhi

# **Department of Electrical & Electronics Engineering**

# Industrial Visit to Panipat Thermal Power Plant, HPGCL

Dr. Deepika Yadav and Mr S. Murali guided and mentored the students of EEE Department for a scintillating industrial visit at Panipat Thermal Power Plant, HPGCL (Haryana) on January 29, 2018, to familiarize with the operation of thermal power plant and power plant simulator. Mr. Naveen Sharma, Training in-charge, Panipat Thermal Power Plant, briefed students on the working of Thermal Power Plant and expounded the various processes involved in the generation of 220KV Electricity and installation of coal and ash handling plant. Students learnt how the bulk amount of coal is transferred to the coal storage area and after the combustion of coal in boiler furnace, ash is produced, which is collected and treated by ash handling plant, and its usages in industrial applications like production of cement, ceramics etc. The students were amazed on the functioning of boiler section, turbine/generator floor, control room etc. and exhilarated as they observed each of energy conversion stages used in power plant starting from fuel section to switchyard and production of power that is distributed to cities and villages. The visit was very inquisitive and informative.



EEE Students with Dr. Deepika and Mr. S. Murali at Panipat Thermal Power Plant, HPGCL.

# Jan - Dec 2018

# Industrial Visit to Huawei India, Gurugram, Haryana

Department of EEE organized an Industrial Visit for students led by Dr. Deepika Yadav and Mr. S. Murali to Huawei India, Gurgaon on April 6, 2018 to create awareness on the recent technologies of mobile networks and improve basic knowledge on GSM and CDMA technologies. Mr. Manish Goyal, Manager, Huawei India, delivered a lecture on technological advancements in telecom technologies, which provided very significant information on Telecom services and described the working model of telecom infrastructure in India, and the recent innovations and advancements in GSM, CDMA and OSI Layer. A hand on practice for the circuit assembling and manufacturing of switching networks and routers was also provided to the students. The visit was informative and enthused students to bridge the gap between classroom pedagogy and industrial experience.



Mr. S. Murali at Huawei India, Gurugram.

# Department of Bioinformatics & Biomedical Engineering

# **Industrial and Institutional Visit**

The Bioinformatics (BI) and Biomedical Engineering (BME) faculty and students (20) visited Central Institute of Medicinal & Aromatic Plant (CIMAP), Central Drug Research Institute (CDRI) and Indian Institute of Toxicology Research (IITR) at Lucknow on November 6-9, 2017. The visit helped the students to motivate themselves into research carrier in bioinformatics and biomedical engineering, and also appraised for vistas on various skill enhancement programs offered at these reputed institutes.



Dr. Arpana Vibhuti, Dr. Ravi Kumar Singh, Dr. Anjali Priyadarshani, Dr. Archana and students

# IMTECH, Chandigarh Visit

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Prof. Samuel Raj, Dean Academic Affairs & Director, C4D, faculty and students of Department of Bioinformatics and Microbiology visited Institute for Microbial Technology (IMTECH), Chandigarh on February 5, 2018, where they learned the modern technological applications of the fermentation process on the industrial scale level. Scientifically, they got-motivated, when the Resource persons showed the Microbiology laboratory and different techniques applied in cryopreservation of microorganism.

# **Department of Chemistry**

# PG Chemistry Students Visit IHBT, Palampur, H.P.

The Post Graduate students of Department of Chemistry along with the faculty members, Dr.Vijay Bahadur, Dr. Ritika Nagpal and Dr. Sandeep Sharma enthusiastically visited Institute of Himalayan Bioresource Technology, Palampur(H.P) on 6-7 March, 2018 for enhancing their knowledge on instrumentation and natural resources.



Students & faculty members along with Dr. Upendra Sharma of IHBT, Palampur

# **Department of Library & Information Science**

### **Central Library Expanded**

SRM University Central Library, which is the 'knowledge capital', is expanded further during December – January 2018. Under the leadership of the University Librarian, Dr. S. Kannan, the University Central Library has been expanded in size with a total area of 7061 sqft (651 sqm), whereas, the working hours has also been extended till 19.00 hours on all working days. Approximately 200 students, research scholars and the faculty are utilizing the library every day. RFID and data security gate are installed to systematize the book circulation service, and many new titles are added periodically. There are 13210 text books, 96 journals, and 42 magazines, and digital collections like, IESTC DB for Engineering, DATA INDIA DB etc. are also available to a vast number of faculty and students. Soon, the library will get the online access to ACM (Association for Computing Machinery)Digital Library so that the most comprehensive collection of full-text articles, bibliographic records shall be easily accessible. Notwithstanding to this, the Faculty of Law Library has an aggregate of 3500 printed materials, including 2230 books, 710 back volumes of journals and 532 reports, 10 current journal subscriptions and the Online digital library collections such as SCC online Database, Manupatra etc.

A Memorandum of Understanding has been signed between the university and INFLIBNET, Ahmadabad, for the project of Shodhganga – a digital reservoir of Indian Theses for research scholars to deposit their PhD Theses and Dissertations and makes it available to the entire scholarly community in open access. The MoU also gives the privilege to access the World e-Book Library, contains 3 million (30,00,000) primary sources spanning past 1,000 years of world history in more than 320 different languages and many collections from the contemporary journals, and also, the South Asian Archives, which contains more than 4.5 million pages spanning the period of 18th and mid-20th century from documents across the Indian subcontinent, including India, Pakistan, Burma, Afghanistan and Bangladesh with subscriptions of online journals and data bases at negotiated prices.



The Reading Hall of the Central Library



# **FACULTY OF LAW**

# **Moot Court Competition**

Moot Court Society, Faculty of Law, organised a 'Second Intra-Department Court Competition'on November 17, 2017. In a function organized to felicitate the winners, Hon'ble Vice Chancellor, who was the chief guest, appreciated the Moot Court Society and gave away awards and certificates to Mr. Smarth, Mr. Shashank and Ms. Radhika. Teaching, non-teaching staff and students from different departments of the university attended the function.

# Legal Aid Camp

Faculty of Law organized a Legal Aid Camp at Khewra village, Sonepat District, Haryana as part of the commemoration of Pandit Deen Dayal Upadhyay Day on November 21, 2017. Mr. Navneet Sangwan, Assistant Professor, Faculty of Law, emphasized on the significance of law and its awareness in the contemporary society. The participants shared salient perspectives on quintessential debates while observing the access to legal services is integral to the larger questions of social justice.Mr. Manmeet Malik, Ms. Kajal, Mr. Pulkit, Ms. Richa, Mr. Abhishek and Ms. Himanshi and others expressed their ideas on the importance of the legal discourse. Local Leaders and representatives who attended the function shared their views on the obstacles they face related to legal matters.



# Sir Chotu Ram Special Lecture

Mr. Oscar Fernandez, former Union Cabinet Minister for Transport, Labour and Employment, delivered a lecture on "Is India ready to accept new labour reforms in terms of hire and fire policy" on 30 January 2018 as part of the commemoration of Sir Chotu Ram Day celebrations held at the University premises, organized by the Centre for Policy Studies and Research, Faculty of Law. Mr. Fernandez provided a comparative reading of the labour discourse at the global and national level, and emphasized on the role of policy makers and social movements to engage with the question of labour in rigorous fashion. Questions of global poor and changing dimensions of labour were discussed as backdrop to the transforming equations of labour across the globe. Professor Ashok Kantroo, Dean, Faculty of Law, explicated on the ground reality and broader labour equations in the context of current political economy. Mr. Ardhendhu Thakur shared the importance of organizing such programmes and their relevance in the contemporary society. Ms. Sivaganga, student, BA-LL.B programme, was honored in this event for her impressive legal internship in Saudi Arabia.



# Sir Chotu Ram Day Legal Camp

The Faculty of Law organised a legal camp at the Khewra Village, Sonepat District on January 26, 2018. Professor Ashok Kantroo, Dean, who introduced the camp, spoke on the context of contemporary, agrarian transformations on the relevance of inclusive, legal sphere that engages with the larger, agrarian queries. Mr. D. D. Sharma, visiting faculty, Faculty of Law, also shared his perspectives on the relations between farmers and banking sectors. The Faculty members and students participated the camp with great fervor and spirit during the event.



# Seminar on AFSPA and Internships Opportunities

Centre for Policy Study and Research, Faculty of Law, organised a seminar on 9 March 2018 on the larger debates on the Armed Forces (Special Powers) Act. Professor (Major General) Nilendra Kumar, Director of Lex Concilium Foundation delivered a special lecture on the scope and ambit of Armed Forces (Special Powers) Act has provided robust foundation to law that can protect India from the pernicious, global terrorism. AFPSA is examined within the larger context of national and international polity. Dominant perspectives as well as critiques were analysed in order to provide rigorous historical background to the much debated act. Prof. R.K. Mittal, Honourable Vice Chancellor, Ch. Bansi Lal University, Bhiwani delivered the presidential address and opined the need to create consciousness on the Indian nation-state and legal realm. Students from various departments of the university raised questions related to the complex legal-societal interactions. A session related to Internships was helpful for students to understand the practical aspects of legal profession. Professor Nilendra Kumar shared his views on the multiple possibilities of internships in the field of legal education.

# Workshop on Digital Marketing

Aiming to provide in-depth knowledge on Digital Marketing to undergraduate students, a one-day workshop on 'Digital Marketing" was organized by The Times Pro, a venture of Times of India Group, held during August 28-29, 2018 at the Department of Commerce & Finance. Dr. Kamal Agarwal, Dr.Upendra Singh, Dr. Gyan Prakash, and Ms. Ponnam Gahlot and students joined the workshop to enhance the different spheres of 'Digital Marketing". Speaking on the occasion, Mr. Abhishek Kumar, one of the resource persons, said "With the learning, there is a strong need of unlearning, relearning how to teach the new generation students in this highly technological world. Teachers in this liquid society must be 'a meddler in the middle' and the process of teaching is mutual learning for both teachers and students. We should move from the attitude of 'I do, you do' to an effective and inclusive approach of 'we do'." He felt that availability of all information at the click of the mouse for the students made the 21st century teaching a very challenging one and teachers should mould themselves to the required environment. He gave some informative examples of how unlearning can be used to understand, rectify, and avert the teaching collapses to some extent. The event was basically designed to bring the current status of job in the Digital marketing and how the impact of digital marketing is enhancing. People are not going out in the market and doing everything on the internet through digitalization.

# Industrial visit to Mother Dairy, Patparganj, New Delhi

The Faculty of Commerce and Finance organized an industrial visit to 'Mother Dairy' at Patparganj, New Delhi in February 2018, where a group of students led by Dr. Upendra Singh eye-witnessed the processing of milk and its products.



# Industrial visit to Adoos India (P) Ltd.

Students of Faculty of Management Studies energized their knowledge and talents through one of the memorable Industrial Visits they exercised during March 23-25, 2018, which was coordinated by the Faculty members, Dr. Kavita Singh and Mr. Abhinav Gupta. The team visited Adoos India (P) Ltd at Roorkee, Uttarakhand. The students were provided very useful information on the company, how to start up a new business, products and the way of marketing, quality standards to be followed, arranging funds for a new startup, planting layout and process layout and so on.



A group of faculty and students at Adoos India Pvt. Ltd.

Reflection : Jan - Dec 2018

# Training & Placement

The Training and Placement Office conducted Aspiring Minds Computer Adaptive Test (AMCAT) online test during December 2017 and February 2018 for the outgoing students of 2017-18 batches, where more than 225 students participated. Students had sponsorship for training and placement in 114 companies.

Almost forty leading companies – Byju's, ANR Software Technology, Dixon Technology, Highway Group, Minda Industries, Anglo Eastern Shipping Co, Lutron Lighting, Micro Turner, Bhilwara Group of Industries, Galio Indusries, Classic Testing Lab, Lakshya Technology System, Genpack, Paise.com, Edubend etc. visited SRM University Delhi-NCR Campus.

The Cell conducted Industrial visit for ME Batch in Mark Exhaust System Ltd, Dharuhere, Haryana in November-December 2017 and also organized special training for Shop Floor in the University campus.

A special recruitment drive was conducted by the TCS and many students were offered lucrative packages.

# Special Soft Skills Training

A special team for training soft skills, communication, inter-personal, debate, presentation skills and mock interview comprised of ten experts from Chennai have been invited to train the final year engineering students during October 8-13, 2018. The team members, who were fluent and proficient in their articulation, well-versed in training modules commendably trained the outgoing batches, where approximately 450 students participated and benefitted.



# **Department of Physical Education & Sports**

# SAMAVESH-2018 Inter Department Annual Sports Meet

The 4th annual Inter-Department mega sports event was held at the University Sports Complex during September 11-13, 2018, where approximately 600 students participated with great zeal and enthusiasm. After the invocation and lamplighting, Ms. Sonia Bathla, Assistant Director, Sports, welcomed the august presence. Dr. P. Prakash, Hon'ble Vice Chancellor, who was the Chief Guest, eulogized the efforts of the Sports Department, and articulated the fervor and spirit of the youngsters in participating the sports with a competitive spirit, and added, sports has become an indispensable and unavoidable part of human life. The sports event, which was kick-started on September 11, had competitions on Athletics, Basketball, Badminton, Chess, Cricket, Table Tennis, Tug of War, Volleyball and 7 a side Soccer for both men and women. The University Departments were divided into six teams - CSE Firestones, Dark Horses, Legal Knight, Spartans, Scorpions, and Fire Blades, and as usual, there were good fights and competitive spirit for winning the competitions. The Vice Chancellor gave away the awards and certificates to the winners the Runner-ups of competitions organized. The function was attended by the Registrar, Deans and Directors, many senior functionaries of the University, faculty members and students of different departments. SAMAVESH 2018 ended with the vote of thanks by Ms. Sonia Bathla, Assistant Director, Sports.



Winners of the Inter-Departmental Competitions with Dr. P. Prakash, Prof. Samuel Raj, Mr. Senthil Kumar and others





#### ne clips of the sports e with Registrar, Dean and Faculty member

# SRM Soccer Team won Gold Medal

In a blitzkreiging and swashbuckling fight, the SRM Soccer team, won the prestigious gold medal by winning over the highly-respected and challenging District Football Association (DFA) Team, Sonepat in the final match held at Haryana School, Model Town, Sonepat, Haryana during November 8-11, 2018. Congrats!

# **University Hostel**

# **New Hostel Building Inauguration**

The University Hostel, with all its magnificent and majestic facilities and merits, is considered to be home away from the real home. The new boy's hostel in the campus, opened at the commencement of the academic session, where wellfurnished rooms are spacious with AC and non-AC facilities at fractional and affordable charges, meticulously cared by senior and other wardens. The environment is effervescent, which has twenty-four hours power back-up, pharmacy, stationary and provisional outlet, gym and indoor games, lush green park, parent/guardian can leisurely spend time in the spacious lounge and well-qualified male and female physician to care at specified hours. The hostel's mess offer a multi-cuisine dining facility providing tasty, vitaminous, protein-rich, delicious and sumptuous Chinese, South Indian, North Indian food.

The New University Hostel

# **Ganesh Chaturthi Celebration**

Dr. P. Prakash, the Vice-Chancellor, Mr. Madhavan Kutty, the Deputy Director (Admission), Dr. R. B. Dubey, Senior Warden, Warden, Faculty and students celebrated Ganesh Chaturthi at the University hostel. In a small and beautiful message, the Vice Chancellor invoked and exhorted the pious and meaningful life, which is bestowed by the almighty, to be lived with love, compassion, affection and sympathy.



Dr. P. Prakash, Mr. Madhavan Kutty, Dr. Dubey, Faculty & students celebrate Ganesh Chaturthi



A fleet of SRM buses and students

# University Transport

The university administration introduces around two dozen buses from this session for developing better transport system for the university. Painted in white and yellow, these buses, which are fully air-conditioned, are plying in the designated routes replacing the old ones. Moreover, discussions are on the round to introduce another fleet of buses in the coming semester to modernize the transport facilities of the university completely.

# **PRIMSR Hospital**

# Chancellor's Birthday Celebrated

# Free Medical Check-Up Camp

It was another Red Letter Day in the history of PRIMSR Hospital, SRM University, when more than 300 patients flocked into the wards for a Free Medical Check-up, which was organized on July 16, 2018 to celebrate the birth day of the Hon'ble Chancellor, Shri Ravi Pachamoothoo.

# **Free Spectacles Distributed**

A separate Ophthalmology free OPD was opened specially for those patients, who wanted free consultation for eye treatment, and twenty eye patients were given free-ofcost spectacles on July 16, 2018 on the occasion of the birth day of the Hon'ble Chancellor, Shri Ravi Pachamoothoo.



Dr. P. Prakash, Vice Chancellor, distributes free spectacles



A free medical check-up camp

# **MR Vaccination Camp**

PRIMSR Hospital organized an MR Vaccination Camp in association with the District and State officials of the Health Department during May 23-28, 2018, and approximately fifty children were vaccinated. The four days, quintessential medical camp, considered to be a State level programme was coordinated and supervised by Dr. S. J. Singh, Senior Paediatrician.

# **Health Motivational Camp**

Student Motivational Camp was organized by Dr. Neeraj Chandra, Medical Superintendent and his team, PRIMSR Hospital, in association with S.B. Global School to motivate, educate and encourage students to have prior knowledge on emergency care, vector borne diseases and various other health-related issues.

# **PROJECTS & GRANTS**

**Prof. V. Samuel Raj**, Dean Academics and Director, (C4D), and team of Scientist, have been granted Rs. 8,21,28,980/- (Rupees Eight Crore Twenty One Lakh Twenty Eight Thousand Nine Hundred and Eighty) by the Department of Biotechnology (DBT), Government of India, for their project titled, "Genomics-driven Dissection of Susceptibility and Drug Resistance to Pulmonary Tuberculosis with a Geographical Focus on North Eastern Region (NER)" for a period of three years starting from November 2018. Prof. Samuel Raj is one of the Principal Investigators of the Multicrore project.

**Dr. Arpana Vibhuti**, Associate Professor & Head, Dept. of Biotechnology and Principal Investigator has been granted and sanctioned an Extramural Research Grant of Rs. 29.29 Lakh in 2015 for three years till 2018 from the Department of Science & Technology (DST, SERB) for the project entitled, "Telomeres and telomerase activity in adaptation towards hypobaric hypoxia." Ms. Manjula Miglani, PhD student, has been sponsored from this project.

**Dr. Ajit Kumar,** Associate Professor & Head, Dept. of Chemistry and Principal Investigator, has been granted and sanctioned Rs. 16, 83,880/- funded by NSCTC-DST, Government of India for his project tiled, "Regional Innovation Science Hub for Innovators (RISHI)" for a period of three years from 2017-2019.

**Dr. Anu Rana**, Assistant Professor, Department of Physics, has been granted a contingency grant of Rs. 1. 35 lakhs for her CSR Project entitled, "Effect of annealing temperature on size, structural, dielectric, magnetic and thermal properties of nanospinel ferrites", for which a three year duration has been granted by UGC-DAE Consortium for Scientific Research, Indore in April 2018. Dr. Anu is entitled to visit the prestigious lab for research purpose and utilize all its facilities.

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# CONGRATULATIONS

**Ms. Manju Sharma,** Department of Hindi, worked under the supervision of Prof. P. M. Gaud, successfully defended her PhD Thesis titled, "Haryana Ki Lokkathaon mein Naari Chetna" during the Viva held at the Mini Conference Hall on November 08, 2017. Congrats! Dr. Manju Sharma.

**Mr. Tejbir Singh,** Assistant Professor, Department of ECE, successfully defended his PhD Thesis titled,"Design and Analysis of RF MEMS based Multiband Reconfigurable Antenna"during the Viva held on July 23, 2018at Department of Electronics, Banasthali Vidyapeeth, Rajasthan. Congrats! Dr. Tejbir Singh.

**Mr. Sanjey Kumar,** Assistant Professor, Department of Mathematics, worked under the supervision of Dr. Neeraj Kumar, successfully defended his PhD Thesis titled, "Design and Development of Inventory Models over Finite and Infinite Time Horizon" during the Viva heldat the Mini Conference Hall in August 2018. Congrats! Dr. Sanjey Kumar.

**Ms. Kumari Jyoti**, PhD Research Scholar, Department of Mathematics, who worked under the supervision of Dr. Asha Rani, successfully defended her PhD Thesis titled, "Existence of fixed points and common fixed points in Non-Newtonian and Digital Metric Spaces" during the Viva held at the Mini Conference Hall on September 01, 2018. Congrats! Dr. Kumari Jyoti.

**Ms. Asha Rani,** PhD Research Scholar, Department of Mathematics, who worked under the supervision of Dr. Asha

Rani, successfully defended her PhD Thesis titled,"Existence of fixed points and common fixed points in Dislocated and JS - Metric Spaces" during the Viva held at the Mini Conference Hall on September 01, 2018. Congrats! Dr. Asha Rani.

**Ms. Manju Rani,** Department of Hindi, worked under the supervision of Prof. P. M. Gaur, successfully defended her PhD Thesis titled, "गोस्वामी तुलसीदास कृत रामचरितमानस के नारी पात्रों का मनोवैज्ञानिक अध्ययन" during the Viva held at the Mini Conference Hall on October 12, 2018. Congrats Dr. Manju Rani!

**Mr. Neeraj Dahiya,** Assistant Professor and Research Scholar, Department of Computer Science and Engineering, who worked under the supervision of Dr. Surjeet Dalal, successfully defended his PhD Thesis titled, "Development and Implementation of Metaheuristic Algorithm for Data Clustering" during the Viva held at the Mini Conference Hall on November 22, 2018. Congrats! Dr. Neeraj Dahiya.

**Ms. Jyoti Sharma**, PhD Research Scholar, Department of Computer Science Engineering, who worked under the supervision of Dr. Arvind Kumar (Supervisor) and Dr. Puneet Goswami (Co-Supervisor), successfully defended her PhD Thesis titled," Design and Development of Modified Software Metrics in order to Increase Reliability" during the Viva held at the Mini Conference Hall on November 27, 2018. Congrats! Dr. Jyoti Sharma.

# **New Courses Introduced**

- BA English (H)
  B. Tech Robotics & Automation
- B. Tech Mechatronics
  M. Tech Production Engineering
  MSc Biotechnology
- BSc General (PCM)
- BSc Chemistry (H)

# News from the HR New Appointments... Welcome!

**Mr. Ram Chander Gupta**, who earned a graduate and postgraduate degrees in German Language from the prestigious Jawaharlal Nehru University, New Delhi, joined as Associate Professor, Department of English and Foreign Languages. He worked at the Centre for German Studies, JNU for thirty-seven years and taught German language, German linguistics and translation of specialized texts. He was awarded grants and scholarships by German government departments that helped him to visit Germany several times to acquaint with the latest pedagogic practices in German Language. Besides translating many technical and legal documents for government departments and private companies, he translated German literary texts into Hindi for publication.

**Dr. Vineet Bajaj**, a B. Tech from Punjab Technical University, Jalandhar, Punjab; M.Tech and PhD in Civil Engineering from Dr B R Ambedkar National Institute of Technology, Jalandhar (2006) has been appointed Associated Professor, Faculty of Engineering. His Ph.D. work was part of UKIERI (UK-India Education and Research Initiative), and was shortlisted by UKIERI committee and awarded full grant for a one month visit to Concrete Technology Unit (CTU), University of Dundee to study and understand the research work carried out at University of Dundee, UK. He has four international (SCI and SCOPUS Indexed) and one national publication, and presented papers in five international and national conferences. Dr. Bajaj has eight years of teaching experience post his Ph.D. completion and held various administrative positions during his teaching tenure. He collaborated with Indian Concrete Institute (ICI), Western U.P., Ghaziabad region in organizing one International and National level conferences.

**Dr. M. Mohan**, a B.Tech in Information Technology from Anna University, Chennai, Tamil Nadu; M.Tech in Computer Engineering from Shobhit University, Meerut and PhD from the Department of Computer Science & Engineering, Pacific University, Udaipur, joined as Assistant Professor in Department of Computer Science. He published five papers in Scopus Indexed Journals and eight in International Journals. He presented a paper in an International Conference at Nanyang Technological University (NTU), Singapore and another paper in an International Conference in India. He completed five online courses from Coursera and one from NPTEL, Indian Institute of Technology, Madras.

**Mr. Sandeep Grewal**, an MBA in Human Resource Management from M.D University, Rohtak and an MSc in International Business from University of Chester, United Kingdom joined as Assistant Professor (Personality Development), Department of English. A corporate trainer himself, he has more than eight years of experience from various domains, which effectively manage people and their behavior in International Business and training on 'Highly Effective Communication and Soft skills'.

**Dr. Radha Rani**, graduated in Commerce and a Gold Medallist in M.Com from M.D.U., Rohtak, qualified JRF & NET in Commerce joined as Assistant Professor, Faculty of Commerce and Finance. She earned an M.Phil from S.V.U., Tirupati and Ph.D from MDU Rohtak in Marketing Management. She published five research papers in national and international journals, and presented eight research papers in national seminars and one in international seminar. She has three years of experience in teaching UG and PG classes in Aided colleges.

**Dr. Manoj Kumar Yadav**, a Ph.D in Bioinformatics from Banaras Hindu University, joined as Assistant Professor, Department of Bioinformatics. He has successfully completed several research projects and published dozens of research and review papers in journals of international repute and also a reviewer to various scientific journals. He has more than ten years of experience in Computational Biology and Bioinformatics. He worked at Pt. J.N.M. Medical College, Raipur as Assistant Professor. He is presently working on Plasmodium Biology and his area of expertise that includes, Metabolic Network Study, Comparative Genomics, Computer Aided Drug Designing, Molecular Dynamics Simulation etc. He is the author of 'Comparative Genomics and Drug Design Strategies.'

**Ms. Bhawna Dhruv** has been appointed Assistant Professor in the Department of Computer Science and Engineering. She has done B.Tech (CSE) from MD University, Rohtak, and M.Tech (CSE) from Amity University, and is currently pursuing Ph.D (IT) from Amity University, Noida, Delhi-NCR. She has more than threeand-a-half years of teaching experience and is actively involved in research. She presented more than fifteen research papers in both International and National Conferences, and is a member of various reputed journals. Her areas of interest include Image Processing and Software Engineering.

**Ms. Madhu,** a B.Tech from Kurukshetra University; MBA (HR & Marketing) from RDIAS, Indraprasta University, Delhi, and NET qualified, has been appointed Assistant Professor, Faculty of Management Studies. She has two years of experience in academics and teaching subjects like Marketing Research, Business Statistics, Organizational Behaviour, Principles of Management, Managerial Personality Development, Computer Skills in Management and Computer Applications in Business. She has also experienced as Assistant System Engineer at Tata Consultancy Services for three years.

**Dr. Dileep Kumar Mishra**, a PhD in Physics from UGC-DAE Consortium of Scientific Research/DAVV, Indore, has been appointed Assistant Professor in the Department of Physics. He worked as postdoctoral fellow in Indian institute of Science Bangalore, Tata Institute of Fundamental Research Mumbai and Indian Institute of Technology Kanpur. He also has received National Postdoctoral fellowship from Science Education Research Board, India. His research area of interest is

experimental condensed matter physics with special emphasis on Raman spectroscopy and thin film technology. He has ten years of research experience in the field and published sixteen publications in prestigious journals. Some of articles are listed in research highlights of the journals. Dr. Mishra presented his research work in many national/international conferences in India and abroad.

Dr. Ritika Nagpal, a Graduate and Postgraduate in Chemistry from Delhi University, Delhi, has been appointed Assistant Professor, Department of Chemistry. She had been a recipient of CSIR-JRF, GATE and BARC Scholarships in 2009, and was awarded Ph.D for her thesis titled, "Synthesis and Characterization of Covalently linked Porphyrinoids with Graphene and Polyaromatic Hydrocarbons" from Department of Chemistry, University of Delhi, Delhi in 2015. Her research specialization is on organic-inorganic frameworks and its applications in the field of water purification by removal of cationic as well as anionic dyes, anion binding, catalysis, dyesensitized solar cells. She has been author/co-author of eleven papers published in peer-reviewed International Journals and actively participated in a number of International and national conferences. Besides teaching at Delhi University for three years, she also supervised trainee students for their summer project report during her doctoral period.

**Ms. Geeta Devi**, a B.Tech (Civil Engineering) and ME (Irrigation and Hydraulic Engineering) has been appointed Assistant Professor in the Department of Civil Engineering. She is pursuing PhD (Water Resources Engineering) from DTU Delhi.

**Mrs. Mithu Pandey,** a BSc and a Post Graduate diploma in Computer Programming from Dr. B. R. Ambedkar University, Agra; Master's Diploma in software application and emerging technologies from SSI, Madura, U.P; a PGDM from BSA College, Madura with more than a decade experience, has been appointed as Deputy Director, Training & Placement.

Mr. Praveen Kumar, an M. E (Structural Engineering) from Anna University joined as Assistant Professor, Department of Civil Engineering. He has published six papers – three in national and other three in International journals, and presented two papers, one at IIT Madras, and another at Pondicherry Central University on Structural Engineering. He has successfully completed online courses "Structural Analysis" and "Prestressed Concrete Structures" from National Programme on Technology Enhanced Learning (NPTEL). Having more than five years teaching experience in Civil Engineering in two colleges, he organized "Industrial Explorer Meet for Placement" and "Civil Bridge Design Workshop" at Excel Engineering College, Anna University, in association with E-cell, IIT Bombay on August 25-26, 2016, which were sponsored by Robokart.com. Beside teaching UG and PG classes and guiding Projects for them, he taught Value Added Courses related with Civil Engineering Softwares – Autocad2014, STAADPRO V8i, Building Information Modelling-BIM using Revit. He conducted classes for competitive examinations, like, GATE, TANCET, IES and Government Examinations. He is, presently, pursuing PhD in Structural Engineering from Anna University, Chennai.

# Welcome to the SRM Family...



- 1. Mr. Pramod Sharma, HR Manager has been promoted to Assistant Registrar.
- 2. Dr. Vidhu Shekhar Tiwari, Sr. Assistant Professor, Dept. of Physics has been promoted to Associate Professor
- 3. Dr. Arpana Vibhuti, Assistant Professor, Dept. of Bioinformatics and Biomedical Engineering has been promoted to Associate Professor

Congrats.....

# **ACHIEVEMENTS**



# PARTICIPATION

# **BIOTECHNOLOGY RESEARCHER VISITS CHIBA UNIVERSITY, JAPAN**

**Ms. Kusum Rani,** PhD Research Scholar, Department of Biotechnology, Centre for Drug, Design, Discovery and Development (C4D), who has been working on antimicrobial resistance, was invited by Faculty of Pharmaceutical Sciences, Chiba University, Japan for research training programme on emerging fields of Pharmaceutical Sciences and Biotechnology during July 2-31, 2018.Ms. Kusum was awarded a sponsorship of JPY 100,000 through Indo-Japan student exchange programme.

Ms. Kusum Rani



#### **BIOMEDICAL STUDENT WINS JNU AWARD**

**Ms. Sanjana Sharma**, second year student of B.Tech Biomedical Engineering presented a poster titled, "Evolutionary Expansion on Argonaute Protein Family" at International Conference onBioinformatics at School of Computational Biology and Integrative Sciences, Jawaharlal Nehru University, New Delhi on September 27, 2018 and was awarded a cash prize of Rs. 5000/-.

Ms. Sanjana Sharma



### ECE STUDENT JOINS LUND UNIVERSITY, SWEDEN

**Mr. Harshit Sharma**, final year B.Tech student, Department of ECE, secured admission for Master of Science Programme at Lund University, Sweden in Embedded Electronics Engineering. The University is a public university, presently ranked seventy eight, consistently ranking among the world's top 100 universities.

Mr. Harshit Sharma



### **FIRST FEMALE INTERN IN SAUDI ARABIA**

**Ms. Sivaganga S.R,** Second year B.A.LLB student created history in the Kingdom of Saudi Arabia by becoming the first female to do internship in the legal and social field. She collaborated with officials of ministry of Immigration, Justice, Health, Labour and Employment and Indian Embassy, and explored distinct spheres of law and order system of Saudi Arabia through her innovative methods, where even Saudi women are not allowed to ponder.

Ms. Sivaganga



# LAW STUDENTS AT C A M B R I D G E UNIVERSITY

Mr. Vikramaditya Chouhan and Mr. Deepanshu, third year students, Faculty of Law, participated at the prestigious Cambridge University International Model United Nations Conference during November 2-4,2018, hosted by the Cambridge University United Nations Association, a registered society of Cambridge University, U. K. Law Students attended the conference on the invitation to be part of the larger debates on the global issues.



### INVITATION

**INVITED LECTURES** 

at Chiba University, Japan on April 11, 2018.

for Microbial Technology (IMTECH), Chandigarh on February 5, 2018.

**Professor Ashok K. Kantroo**, Dean, Faculty of Law, headed the team of teachers and students, to participate during the National Law Day celebration organized by the Law Commission of India in collaboration with NITI AAYOG on December 16-17, 2017 for a discussion on 'Balancing Roles of Three Wings of the State towards India's Development.'

Prof. Samuel Raj, Director, C4D, delivered the key note address titled, "An Update on anti-TB drug discovery program against drug-resistant Mycobacterium tuberculosis: Hit identification to Preclinical studies" organized by the Institute

He delivered another lecture titled, "Drug Discovery against Multi-Drug Resistant Tuberculosis: Where do we stand?"

Prof. Samuel Raj



**Dr Arpana Vibhuti**, Associate Professor, Department of BI & BME, delivered a lecture titled, "Association of Oxidative stress and Telomere Biology open new insights to understand High Altitude Physiology" during the fifth International Leh Symposium held at Gangtok, Sikkim, India during September 15 - 19, 2018.

Dr. Arpana Vibhuti



**Dr. Sam Nesamony,** Department of English, Faculty of Humanities and Social Sciences, was invited to train teachers on "English Communication Skills for Teachers" at India Mission School, Mirgang, Purnea Dist, Bihar, India during December 13-14, 2017. He trained more than twenty five teachers on developing the basic communication skills in English - Listening, Speaking, Reading and Writing (LSRW) and inter-personal skills.

He delivered the key note address titled "English communication and Personality Development" in a National Seminar on "English and Literature: Indispensability during the Global Era" conducted by the Department of English, Naanjil Dr. Sam Nesamony Catholic College of Arts and Science, Kaliakkavilai, Kanyakumari, M. S. University, South India on 11 January 2018.



#### **OLYMPIC REFEREE**

**Ms. Sonia Bathla**, Assistant Director, Department of Physical Education & Sports, has been upgraded by Federation of International Hockey (FIH) from Technical Official International Panel to Pro League Panel and with this promotion she is the only Indian who ranked in the top panel of FIH officials.

**Ms. Sonia** represented India as a Technical Official, appointed by FIH (Federation of International Hockey) & AHF (Asian Hockey Federation) for Youth Olympic Games Qualifier's held at Bangkok, Thailand from April 25-29, 2018.

She represented India as a Technical Official, appointed by FIH (Federation of International Hockey) & AHF (Asian Hockey Federation) for the 3rd Youth Olympic Games held at Buenos Aires, Argentina from October 7-14, 2018.

# ADIEU



SRM family is grateful and thankful for the services of Dr. I. K. Sharma, who served as Dean and Controller of Examinations, and was Dean-Engineering when he demitted office on September 26, 2018. Dr. Sharma, who worked earlier with Department of Information Technology, Government of India for decades, splendidly did his meticulous and meritorious services to the university with commitment and sincerity. His works are deeply acknowledged.

# Welcome

# Mr. Manoj Madhavan Kutty Deputy Director (Admissions) & Coordinator (International Relations)

Mr. Manoj M. Kutty

**Mr. Manoj Madhavan Kutty**, a young, energetic, enthusiastic and excellent strategist, an engineer by profession with a managerial destiny, who attended three prestigious universities in Europe for the Master of Science programme – Masters in International Strategic Management, University of Bradford, U.K; an MSc in International Business Management, Kozminski University, Poland; and an Erasmus Scholar of the European Union for International Business at RWTH School of Business, Aachen, Germany – joined as Deputy Director (Admissions) & Coordinator (International Relations).

He worked in several SMEs and also had internship with DICV (Daimler AG) during summers, and also a dynamic tasksetter in business development. He volunteered the NGO, 'Bakthi Sakthi' in Malaysia, worked at schools for Tamil community by giving free courses on technical self-employed jobs and provided motivational classes for students and also at Samuthaya Kannadi (social mirror), an NGO in Chennai for social development. Mr. Kutty who is conversant in English, German and Polish, apart from Tamil, Malayalam and Hindi, has been concentrating on Domestic Student Recruitment, Marketing Strategies & Planning, and Enrollment Management International Relations, in the Admission Department. An outstanding strategist himself, Mr. Kutty coordinated many international academic collaborations.



New Assignment Prof. V. Samuel Raj Dean, Academic Affairs

Prof. Samuel Raj

**Prof. V. Samuel Raj,** Professor of Microbiology and Biotechnology and Director, Centre for Drug, Design, Discovery and Development (C4D), SRM University Delhi-NCR, is an Academician-cum-Corporate intellectual with more than thirty years of experience in Research and Development. Having earned his PhD in Microbiology from the Institute of Medical Sciences, Banaras Hindu University (BHU), he went on doing his Post-Doctoral Fellowship at Jawaharlal Nehru University, New Delhi; Academia Scincia, Taipei, Taiwan; Chiba University, Chiba, Japan; University of Pennsylvania, Philadelphia, USA and Thomas Jefferson University, Philadelphia, USA.

An unswerving researcher with indefatigable potential and interest on neglected diseases, like, TB, Leishmaniasis, Malaria and Dengue, he initiated open innovation, international collaboration between the academics and industries to discover new drugs against infectious diseases. Registered for two international patents, published widely, he is a recipient of Karmaveer Chakra and REX Global Fellowship in 2012 and awarded STARS Fellow by STARS organization, Switzerland.

Having served two major pharma giants, Ranbaxy and Daiichi Sankyo for more than a decade, and experiencing international and national research for more than fifteen years, he joined SRM University in 2014. He has been instrumental in collaboration and coordination with many institutions in the West and the East, including universities of Oxford, Cambridge, Edinburgh, Glasgow, Hertfordshire, Pennsylvania, Chiba (Japan), London School Tropical and Hygienic Medicine (LSTHM), Loma Linda, Kaferalsheik (Egypt) and so on in academic and student exchange programmes. In recognition of his erudite scholarship, acclaimed experience and commendable collaborations to the University, he has been given a new assignment and designated Dean Academic Affairs. Congrats Prof. Samuel Raj.



Mr. Senthil Kumar Director, Administration

Mr. Senthil Kumar

**Mr. Senthil Kumar, Director – Admissions** at SRM University, worked with some of the leading universities in India, including O.P Jindal Global University, and Galgotia University before joining SRM. Prior to working with universities, Mr. Kumar served at Rainmaker, New Delhi, as National Marketing Manager, where he was primarily responsible for the marketing, sales and growth strategy of educational services, a planning and implementation architect of the All India Bar Examination (AIBE) in India. He also worked with LST/Career Launcher India Ltd., which is among South Asia's leading edu-corporates, as National Manager-Sales and Marketing for www.lawentrance.com, India's number one website for law aspirants and information about law schools. He has an overall experience of over twenty years in Consulting, Admissions, Outreach, Institutional Development, Administration, Legal Education, Assessment and Knowledge services.

Mr. Kumar has been a special invitee to some of the leading educational conferences on higher education in India. His contribution to Higher Education and commendable services were recognized and adjudged by some of the well-known organisations, and he was honoured by the Governor of Uttar Pradesh and Governor of Goa. He is advising several organizations in the capacity of Board of Advisor. The SRM University management was pleased by his effective communication skills, potentialities in admission, outreach and managerial capabilities, and he has been offered an additional responsibility of Director-Administration.

# **MILESTONES PUBLICATIONS**

# A. BOOKS

Priyadarshini, Anjali and Prerna Pandey, *Molecular Biology: Different Facets*, Apple Academic Press, Taylor and Francis, 2018.

Surjeet Dalal, Akshat Agrawall, Vivek Jaglan, *Genetic Algorithm in Load Balancing problem of Cloud Computing*. Lambert Academic Publishing, 2018.

# **B. CHAPTERS**

Nesamony, Sam, "Medical Philanthropy: Missionaries in Colonial South India" in Poonam Bala (ed.), Medicine and Colonial Engagements in India and Sub-Saharan Africa. London / Cambridge: Cambridge Scholars Publishing, 2018, 176-200.

Priyadarshini, Anjali, "Application of Synthetic Biology" in Prerna Pandey (ed.), *Synthetic Biology: New Insights*, New York: Delve Publishers, 2018, 3-15.

# C. RESEARCH PAPERS

# **DEPARTMENT OF CSE**

Goswami, Puneet, "A Survey on Big Data and Privacy Preserving Publishing Techniques" in *Advances in Computational Sciences and Technology*, 10.3 (2017): 395-408.

Goswami, Puneet, "Fine Tuning of Wireless Sensor Networks for enhanced Smart Farming," *International Journal of Pure and Applied Mathematics*, 119. 10 (2018): 155-160.

Dac-Nhuong Le, Bijeta Seth and Surjeet Dalal, "A Hybrid Approach of Secret Sharing with Fragmentation and Encryption in Cloud Environment for Securing Outsourced Medical Database: A Revolutionary Approach," *Journal of Cyber Security and Mobility*, 7.4 (October 2018): 379-408.

Agarwal, Pallavi, N Kumar, A Sharma, "Fuzzy Production Inventory Model with Stock Dependent Demand Using Genetic Algorithm (GA) Under Inflationary Environment", in *Pertanika Journal of Science* & *Technology (JST)*, 26.4(October 2018): 1637 - 1658.

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# **DEPARTMENT OF ENGLISH**

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#### **FACULTY OF LAW**

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#### **FACULTY OF COMMERCE & FINANCE**

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#### **D.** Reviews

Neelakandan, Sanil M. Gareth Dale. Reconstructing Karl Polanyi: Excavation and Critique, *Capital & Class*, (February 8, 2018): 172-174.

Nesamony, Sam, Department of English (Book Review). Sanjay Kumar and PushpLata, Communication Skills: A Workbook. New Delhi: Oxford University Press, 2018. Dhamija, Ashutosh and R. B. Dubey, Recent Face Recognition Methods, *International Journal of Innovation in Engineering Research & Management*, 4.6 (December 2017): 1-9.

# CONFERENCES, SEMINARS AND WORKSHOPS

# **Presentation & Participation**

Dr. Anu Rana, Department of Physics, presented a paper titled, "Working model of developed temperature sensor device" at the Innovation festival 2018, held at National Science Centre, New Delhi on January 20-21, 2018.

Ms. Saloni Chaudhury and Prof. Raghavendra G. Rao presented a paper titled, "A Frame Work of Reconceptualising to Make Smart City: Karnal" at the National Conference on Sustainable Development organized by NIT, Kurukshetra on December 11, 2017.

Dr. Sanil M. Neelakandan, Assistant Professor, Faculty of Law, presented a paper in a session on State, Citizenship and Violence at Creative Theory Colloquium – Ontology of the Contemporary Times, dedicated to Prof. Samir Amin on September 5-6, 2018 held at India International Centre, New Delhi.

Ms. Deepshika, Faculty of Law, attended Justice Sunanda Bhandare Foundation's 23rd Justice Sunanda Bhandare Memorial lecture by Ramachandra Guha on 'Patriotism versus Jingoism' on November 01, 2017. She also participated in the seminar organized by the Law Commission of India in collaboration with NITI AAYOG on November 25-26, 2017 in New Delhi.

Ms. Preeti Ahlawat, Faculty of Law, attended Justice Sunanda Bhandare Foundation's 23rd Justice Sunanda Bhandare Memorial lecture by Ramachandra Guha on 'Patriotism versus Jingoism' on November 01, 2017 held at India International Centre, New Delhi.

Dr. S. K. Mishra, Department of English, participated in the International Literary Conference organised by English Literary Society of O.P. Jindal Global University, Sonepat, NCR of Delhi on 24-25 January, 2018.

Dr. S. K. Mishra, Department of English, participated in the 11th International Poetry Fest-2018 held at J.K.C. College, Guntur, A.P., India on September 21-22, 2018.

Ms. Anvitha Nair, 2nd year student of B.Tech Biomedical Engineering attended a one month internship on laboratory work at the prestigious School of Environmental Sciences, Jawaharlal Nehru University during June 5–July 9, 2018.

Ms. Sanjana Sharma, 2nd year student of B.Tech Biomedical Engineering attended a one month internship on 'Bioinformatics work of Protein Modeling' at the prestigious School of Computational Biology and Integrative Sciences at Jawaharlal Nehru University during June 12–July 12, 2018.

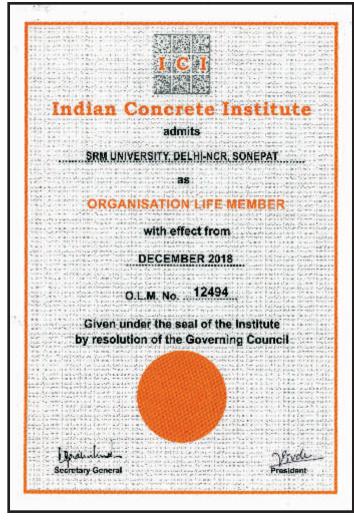
Mr. Ashish Mishra, second year student of B.Tech Biomedical Engineering attended a one month internship-cum-training on Bioinstrumentation (Robotic Surgery) at Fortis Hospital, Vasant Kunj, New Delhi during July 1-31, 2018.



The 'Innovation Certificate' issued to SRM University by Innovation Cell, Govt. of India



The 'Academic Affiliate' certificate given to SRM University, Delhi-NCR, Sonepat, Haryana by the U.K-based Institution of Engineering and Technology (IET)



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# National Conference on Technological Innovations in Management, Engineering and Science, 2019 (TIMES-2019)

on 26th and 27th April 2019 (Friday & Saturday) at University Campus

#### **IPORTANT DATE**

Last date for Paper Submission: February 18, 2019

Organizing Secretary: Mr. Manoj Madhavam Kutsy, Deputy Director (Admissions & Coordinator IR)

Date of notification of accepted Papers: February 25, 2019

Last date of registration (Early Bird): March 18, 2019

Last date of registration: April 10, 2019

nizing Co-Secretary Dr. Kavita Singh, Assistant Professor (SG) & Head, Faculty of Management

Neeraj Dahiya

**Date of notification of accepted Papers:** 

March 4, 2019

**Date of Conference:** 

April 26-27, 2019

For more details visit the website: www.srmuniversity.ac.in/times2019



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# **PROGRAMS OFFERED**

**B.Tech.** CSE, CE, BME, EEE, ECE, ME, Mechatronics, Robotics and Automation M.Tech. CSE, CE, ECE, ME, Biotechnology (Pharmaceutical /Industrial)

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BBA • MBA • B.Com.(Hons.) • M.Com.

B.Sc.-Chemistry(Hons.), Physics(Hons.), Mathematics(Hons.), CS, \*HHA, \*\*MLT

BCA • BA(Eco.-Hons.) • BA(Eng.) • BA(Political Sc.-Hons.) • BA(Psychology-Hons.) • B.Des.
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