



REVA
UNIVERSITY
Bengaluru, India

REVA INSIGHT

A QUARTERLY NEWS BULLETIN
OF REVA UNIVERSITY

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News Letter

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Our Vision

"REVA University aspires to become an innovative University by developing excellent human resources with leadership qualities, ethical and moral values, research culture and innovative skills through higher education of global standards".



'Padmashri' Dr. Ananda Shankar Jayanth was Felicited on 7th March 2018 on the occasion of International Women's Day



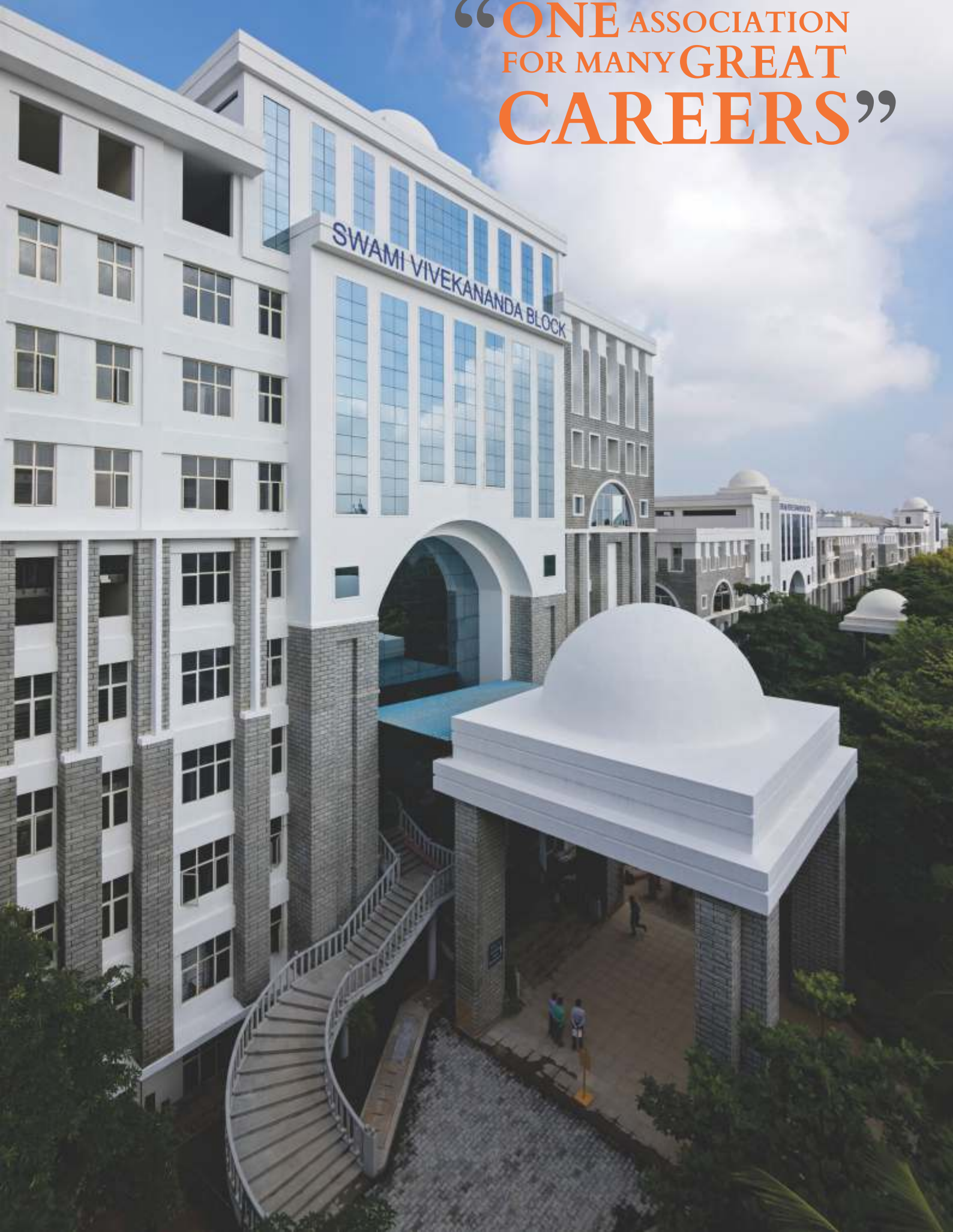
Our Mission

- To create excellent infrastructure facilities and state-of-the-art laboratories and incubation centers;
- To provide student-centric learning environment through innovative pedagogy and education reforms;
- To encourage research and entrepreneurship through collaborations and extension activities;
- To promote industry-institute partnerships and share knowledge for innovation and development;
- To organize society development programs for knowledge enhancement in thrust areas; and
- To enhance the leadership qualities among the youths and enrich personality traits and promote patriotism and moral values

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- Technical Talk on NDT
- Skill Development Program on Architectural Model Making
- One Day Workshop on "Intellectual Property Rights (IPR)"

“ONE ASSOCIATION
FOR MANY GREAT
CAREERS”



From Chief Editor's Desk



**“To reach a port we must set sail –
Sail, not tie at anchor
Sail, not drift...” – Franklin D. Roosevelt**

The year 2018 heralds new determination and spirit for us all. At REVA, we strive to achieve perfection and finesse in every endeavour we embark on. Either in academics, or at cultural activities, Revaites stand a class apart, continuing relentlessly on the path of excellence. This year too, our faculty members, research scholars, and students have made it their mission to distinguish themselves. At every facet, we pledge to uphold the University's vision for this year – Innovate, Enterprise, Socialize.

The year began on a positive note with the celebration of the birth anniversary of the legendary spiritual leader and youth icon, Swami Vivekananda, which paved the path for several innovative and enterprising events organized by various schools of REVA University. At REVA, there is not a day which is not marked with vibrancy, vigour and enthusiasm. The campus is ever colourful and buzzing with young minds engaged in activities and this is what showcases in every issue of REVA Insight.

This issue of the newsletter, the mirror of the University, showcases the multitude of activities at our campus. I take pride in presenting our progress and accomplishments in this issue.

Stay connected with us and embark on our journey towards a victorious future!

Dr. S. Y. Kulkarni
Vice Chancellor
REVA University

National Youth Day

REVA University celebrated the Birth Anniversary of Swami Vivekananda which is also celebrated as "National Youth Day" on 12th January 2018. Honorable Chancellor Dr. P. Shyama Raju presided over the event where Sri G. Pramod, a scholar from Ramakrishna Mission, was the Chief Guest of the Day. The guest gave a very inspiring speech on the works and life of Swami Vivekananda which was attended by students and faculty members in large numbers.



Republic Day 2018

REVA University, like every year, celebrated the Republic Day at its premises in a meaningful way. The event had flag hoisting by the Honorable Chancellor of REVA University, Dr. P. Shyama Raju. The event was also attended by the Vice Chancellor, Registrar, Deans, Directors and students of all the Schools in large numbers. A cultural program of patriotic Songs was sung by the Ninaada music group of REVA University.



International Mother Language Day

On the eve of International Mother Language Day, on 21st February 2018, REVA University in association with Mark Media Communication, celebrated the same in a grand way. Resource persons from different language backgrounds attended the program and delivered their speeches on the importance of Mother Language. Students and faculty members of REVA University attended the program in large numbers.



Workshop on "Personal Excellence"

Following the REVA University tradition, this year too, the University organized a mega workshop on 23rd and 24th February on "Personal Excellence – Stop worrying, Start Living" by Swami Sukhabodananda, International Management and Spiritual Master who exposed students, faculty members, administrative staff of REVA University as well as several parents and visitors to different aspects of achieving excellence in personal life through apt references from The Bhagavat Gita.



International Women's Day 2018

International Women's Day was celebrated at REVA University on 7th March 2018 where renowned Bharatanatyam exponent, IRS officer and a cancer survivor, 'Padmashri' Dr. Ananda Shankar Jayanth was invited to address the gathering on "Women Empowerment". Honorable Chancellor, Dr. P. Shyama Raju, presided over the function and gave the "Rukmini Memorial Award" to Dr. Ananda Shankar Jayanth. Vice Chancellor, Dr. S.Y. Kulkarni, Registrar Dr. M. Dhanamjaya, Deans and Directors of various schools and students attended the program in a large number.



Formula Kart Design Challenge Season – 2

School of Mechanical Engineering, REVA University, was the associate partner for the mega event Formula Kart Design Challenge Season – 2 which was held at REVA University campus from 17th to 19th March 2018. The event is organized by FMAE (Fraternity of Mechanical and Automotive Engineers). Both national and international teams were part of this event.

The event started with the arrival of teams with their Karts at REVA University on 16th Evening. Mr. Karan Bhardiya, General Motors (GM), thanked REVA University for hosting the Formula Kart Design Challenge (FKDC) with good facilities. He appreciated all the budding engineers for participating in the event and expressed that such events will bridge the gap between academics and industries. He briefed about the functioning of FMAE (Fraternity of Mechanical and Automobile Engineers). He informed that a total of 28 teams are participating in the event including teams from Bangladesh. Mr. P. L. Ramana Reddy, OMAX Autos Pvt. Ltd was the chief guest and expressed his happiness for hosting the event at REVA University which has beautiful infrastructure. He

emphasized on innovation and effective delivery which are the basic needs of the industries now-a-days. Dr. Y. Ramalinga Reddy, Associate Dean of Mechanical and Civil Engineering, advised that students should design and innovate top class cars like Benz, Rolls Royce etc in India. Dr. S. Y. Kulkarni, Vice-Chancellor, expressed in his presidential remarks that engineering students must get practical exposure by participating in such events.



Visit of Guru 'Kalaratna' Smt. A. B. Bala Kondala Rao

REVA University honoured the legendary Guru of Kuchipudi Guru 'Kalaratna' Smt. A. B. Bala Kondala Rao, an Academic Advisory Board Member of School of Performing Arts, REVA University, who was the recipient of the prestigious Sangeet Natak Akademi Award, the highest award in the field of Arts from the Hands of the Honorable President of India. Honorable Chancellor, Dr. P. Shyama Raju, presided over the function. Vice Chancellor, Dr. S.Y. Kulkarni and Registrar, Dr. M. Dhanamjaya also graced the occasion and honoured the artist.



Drive by DATRI Foundation

A drive by DATRI Foundation in association with Department of Biotechnology, REVA University, on Stem Cell Registration was organized on 16th February 2018. Mr. V. Srinivas, Donor Drive Coordinator, DATRI Blood Stem Cell Donors Registry was the resource person for the session. A total of 120 Postgraduate students of the School of Applied Sciences along with the faculty members attended the drive.



HARMONICS 2018

The School of Electronics and Communication Engineering conducted HARMONICS 2018 for the students on 6th and 7th March 2018. The program consisted of a plethora of various interesting events, such as, Hogathon, Fun Quiz, Mehendi Art, Fireless Cooking, Chess, Rangoli, Debate, Sketching, Solo Dance, Solo Song, Group Dance, Target Shooting, Stepping Stones and Photography. The events provided a much-required stress-buster to the students and provided them a platform to exhibit their talents. Large number of students took part in all the events and have expressed their desire to be a part of many more such programs in the future which provides them with a moral booster and allows them to concentrate on their academic requirement in a better way.



Inauguration of 'The Institute of Indian Foundrymen Student Chapter' at REVA University

The School of Mechanical Engineering inaugurated the "The Institute of Indian Foundrymen Student Chapter" Forum on 7th February 2018 and had organized a technical talk for IIF student members and Pre-Final year students. Sri B.S. Govind, Chairman, Bengaluru Chapter, IIF, briefed students about the activities of the Institute. He said IIF is supporting its member institutions to bridge the gap between institution and industries and to solve the foundry industrial problems. He said the foundry technology is applied in castings the products which are used mainly in automobile sectors. He guided the students about the career opportunities in foundry industry and promised them to provide industrial visits and internships. Dr. C Siddaraju, Honorary Secretary, IIF, presented the Membership Certificate to the Dr. S. Y. Kulkarni, Vice Chancellor. The Vice Chancellor later addressed the students and advised students to involve in the forum activities to gain industrial knowledge and experience.



Smart India Hackathon 2018

The Grand Finale of Smart India Hackathon 2018 - Software Edition was held on 30th and 31st March 2018 and saw a participation of around 1296 teams comprising of 10,000 students across India.



Two student teams from the School of Computing and Information Technology, REVA University, were selected for the Grand Finale of Smart India Hackathon 2018 - Software Edition, which was a 36 hours hackathon, held in 28 Nodal Centres across India.

World Water Day 2018

World Water Day is celebrated all over the world on 22nd March. This year on 22nd March, the Schools of Civil Engineering and Mechanical Engineering, REVA University, celebrated World Water Day 2018 in a befitting manner.

Shri B. Srinivas Reddy, Former M.D, Karnataka Urban Water Supply and Drainage Board and President of IWWA, Bengaluru, Dr. N. S. Srinivas Rao, D.G.M TATA Consulting Engineers and Shri Ayyappa Masagi of Water Literacy Foundation were the guests for the occasion.

Shri B. Srinivas Reddy stressed upon students to take up the issue of water conservation seriously as the world is facing acute water problem. Shri Ayyappa Masagi shared his experience of water conservation and also explained the various latest techniques of ground water recharge and rain water harvesting with case histories. Dr. P. Shyama Raju, Chancellor REVA University, while addressing the gathering, expressed that water conservation should be adopted by each and every one and not only on world water day; he said he expects the students and teachers of REVA University to practice the method to save water every day.

National Level Rally Car Design and Development Competition



The students of the School of Mechanical Engineering participated in National Level RCDC competition organized by POLORIS in association with AMZ in Thar Desert from 18th to 28th February 2018. 34 teams participated in the competition from all over the country. REVA University students were successful in getting the Runners Up award.

Legal Talk on 'Fast Justice'

The School of Legal Studies had organized a Legal Talk on 'Fast Justice' on 31st January 2018 for LL.B. students. The resource person was Pravin Patel, National Convener, Forum for Fast Justice. The session started with an introduction to Fast Justice and went on to discuss the efficiency with which the Indian Judicial system works as well as certain other important issues related to the system.



10th Annual KSTA Conference 2018

The 10th Annual KSTA Conference was organized at REVA University on 18th and 19th January 2018. Close to 1200 delegates participated in the conference. Nine speakers from different reputed institutions gave memorable presentations of their expert work. 20 judges had come for screening poster presentation to select best research work in each stream. The conference with several parallel technical sessions by erudite scholars was a grand success.



Guest Lecture on “Major Fluid Power Application and Segment”

The School of Mechanical Engineering had organized a Guest Lecture by Mr. M. S. Yoganarashimha, Ex-Sr. Scientist CMTI and founder member of Fluid Power Society of India on “Major Fluid Power Application and Segment” on 21st February 2018. In his talk, he briefed about Hydraulic System and Pneumatic System and its application in the fields of mining, transportation, steel plant, agriculture etc.



Startup Investor Meet 2018

REVA University Industry Interaction center conducted Startup Investor Meet 2018 on 1st March 2018 as a part of REVA Research Conclave. During this event, Startup Investors displayed their products. Several companies, such as, Dexterous, Qsock, GUHAM TECH, Axis Allianz, Embright InfoTech, CAD Center, Festo Exotainer and Techno Quantum participated in the event.

REVA University students also displayed their innovative projects. Projects like CARE-O-BOT Design and development of healthcare companion robot for the elderly, Spy Cuboid, Self-Learning Experimental Kit, Multi Nut Remover and Tightening Device, Smart Homes/Office Automation, Remote Health Care were exhibited in this platform.



Visit to Industrial Exhibition ACREX-18

ACREX is one of the International mega events in the field of Refrigeration and Air Conditioning organized by ISHRAE every year. This exhibition mainly focuses on new technology, new innovations, and new products and helps to establish link between suppliers, manufacturers and consumers. ACREX 2018 was organized by ISHRAE Bangalore Chapter at Bangalore International Exhibition Centre from 22nd to 24th February 2018. Over 600 exhibitors from 32 countries showcased their products and technology in the exhibition. The products on refrigeration, cold chain, building automation, and refrigeration equipment like piping, compressors, heat exchangers, pumps and various refrigerants were displayed in the exhibition. The exhibition also hosted workshops, seminars, panel discussions and student Quiz etc. The major exhibitors were Voltas, Blue Star, Carrier, Kirloskar pumps, Johnson controls, Thermax Limited, LG Electronics etc, from India and AHRI, DURKE AMERICA Inc, IAQA from USA, ASPAN system, Big Foot System from UK, Chilliventa, Hydro precision Tubing from Germany. Many companies from Singapore, Hong Kong, Belgium, and China had participated in the exhibition.

ISHRAE/ASHRAE Student Chapter REVA University, arranged visit to the exhibition on 23rd February 2018. They visited the companies who are manufacturing refrigerators, air conditioning components, pumps, and controls. They gained the knowledge about types of compressors used, types of heat exchangers, various air handling equipment and simulation of the complicated systems. They learnt about the controllers and its applications and type of air conditioners used in different applications. After the exhibition, students attended National level quiz competition AQUEST. This exhibition was highly useful for the students to learn about refrigeration and air conditioning.



Study Trip

The School of Architecture on 27th January 2018 organised a study trip to National Gallery of Modern Art, Bangalore for 2nd semester students to understand the concept of public spaces, design considerations and aesthetic values. The students were accompanied by Professors Shubhi S, Raghu Teja V, Anupama R. M. and Anup.



Lecture Series - National Science Day Program

A series of lecture as part of National Science Day program was organized by the Department of Biotechnology on 9th March 2018. The resource persons for the session were Dr. Malali Gowda, Dr. Ganeswar Yadav, Post Doctoral Fellow (DST-SERB Young Scientist), NCBS-TIFR and Dr. Jagadish Hiremath, Senior Scientist, ICAR-NIVEDI. A detailed presentation on the role of Zebra Fish as a model organism, significance of Genomics technique with special reference to NGS platforms and Nano Vaccinology and Vaccine Epidemiology were highlighted. The session was attended by UG and PG students of Biotechnology and Biochemistry along with faculty members.



Talk on "Industry University Interaction"

The School of Mechanical Engineering had arranged a talk on "Industry University Interaction". The talk mainly focused on how to build relation between industry and academia. Dr. Mahesh A. from Rolls Royce India Ltd. spoke about challenges in the industry and the present working nature and environment in the industry. He spoke about smart factories, digital factories and also how internet is useful in manufacturing. Future manufacturing activities revolve around internet based smart machines. He emphasized on industry-university interaction and how to minimize the gap between industry and academia. He advised to start consultancy services with small and mini industries where they cannot offer any R&D activities due to high cost. Many of the small and mini industries face problems in areas like machining, coating and composite materials.



Interactive Workshop and Exhibition on Conservation

The School of Architecture at REVA University organized a three-day interactive workshop and exhibition on Conservation from 17th to 19th January 2018. "LIVING PAST - a Case of Urban Inheritance" was conducted by Assistant Professors Kokila Mohan and Neeraja Jayan for faculty members, professionals and students. Key note speaker Satya Parkash Varanasi, Conservation Architect, gave a talk on Urban Heritage and the importance of holding on to what we have before it gets eroded further in urban areas. He said, "It is easy to put up an extraordinary building without any roots in any location, but a challenge to create an urban in-fill that relates to Context and Culture". Dr. Halakatti, former Director, Archaeological Survey of India, the Chief Guest of the program congratulated the School on the tremendous work



undertaken in documenting Heritage sites and vernacular architecture of settlements. Conservation Architect from Mumbai, Vikas Dilawari, was intrigued with the novel approach at REVA University in teaching History of Architecture, expressing that none of the architecture schools in India has followed this teaching methodology so far. The first issue of the school magazine, INCIPERE, a collection of students' academic and co-curricular works from 2015-2017, was released.

Skill Development Program by School of ECE

The School of Electronics and Communication Engineering, REVA University, had organized Skill Development Programs for students from 8th to 10th March 2018. Various skill-based programs, such as, PC Assembly and Troubleshooting, Fundamentals of LINUX OS, Fundamentals of Arduino Programming, Basics of Python Programming and so on were conducted by well-known resource persons from the industry. Close to 400 students attended the different workshops and expressed their satisfaction for being exposed to such contemporary industry-based skills.



FDP on “Deconstruct, Decode Construction and Structures”

The School of Architecture on 9th and 10th February 2018 organized a 2-day Faculty Development Programme “Deconstruct, Decode Construction and Structures” by Assistant Professors Raghu Teja, Uthpala RV & Anup Kumar Prasad. The intention of the program was to address the existing lacunae in the teaching of the courses on Structures and Building Construction and to review if the two courses need to be integrated and finally to edify new teaching possibilities and techniques for the faculty members. The FDP had both academicians and practising professionals as eminent speakers.



Talk on Higher Studies in Europe

The School of Mechanical engineering had organized an orientation program on higher studies in European countries on 28th February 2018. Many students have been showing interest to continue their masters abroad, but lack information on the basic requirements and skills required to get admission in foreign universities. The main objective of the orientation program was to provide information to the students on various foreign universities, in general, Germany in particular. The lecture was given by Prof. Santhosh B Devereappa from the School of Mechanical Engineering who has studied in Germany and he shared his experiences with the students. He gave details of various universities in Germany and advised them on how to seek admissions there.

Technical Talk on “Secure Communication”

The School of Electronics and Communication Engineering organized a technical talk on “Secure Communication” on 9th March 2018 for 6th Semester B.Tech. students. Smt. Umadevi B, Deputy General Manager, Network and Cyber Security Group at Bharat Electronics, was the resource person. She started the introductory session by emphasizing on the need for secure communication and discussed how to transmit the information securely to the intended destination through insecure channel. The talk focused on cryptography, types of security solution, key management (Standard protocols, Proprietary protocols), agencies (India, Global) and BEL crypto products.



Visit to V.S.T Tillers Tractors Ltd.

The School of Mechanical Engineering had organized an industrial visit to V.S.T Tillers Tractors Limited, Bengaluru on 1st March 2018. VST Tillers Tractors Ltd. was established in the year 1967 by the VST Group of companies. It was promoted by VST Motors as a joint venture with Mitsubishi Heavy Industries Ltd, Japan. VST Tillers is the largest manufacturers of Power Tillers in India. Students felt that such exposures through industrial visits will help them to get practical knowledge. They interacted with the industry officials and gained knowledge on the manufacturing processes of Power Tillers.



Community Outreach Program

On 10th February 2018, the School of Architecture, conducted a community outreach program at Palanahalli Government School. The team comprising of students accompanied by Assistant Prof. Anupama R.M. and Instructor Imtyazulla Khan got the school kids involved in activities like clay modelling and painting



Workshop on Heartfulness Program

A workshop on Heartfulness Program by Shri Ramachandra Mission was conducted on 7th February 2018. The workshop was attended by about 650 students and faculty members. The program was inaugurated by Dr. S.Y. Kulkarni, Vice Chancellor, REVA University and the Chief Guest for the occasion, Shri Ravindra B. Kini, Co-founder and Director of Affordable Business Solutions Pvt. Ltd., and Cognitive Skills Pvt. Ltd., Bangalore. He is also a Senior Preceptor in Shri Ramachandra Mission Inc., Bangalore. Dr. Kulkarni spoke about the usefulness of meditation and its impact on the studies of the students. He also mentioned that REVA University is providing such courses which are part of the curriculum which enable them to earn credits. The Chief Guest gave the details of the activities of Shri Ramachandra Mission. He mentioned that Shri Ramachandra Mission has established its centre all over world and is very famous for Sahaj Marg Yoga. The centres are also functioning in various university



campuses like New York University, Australia and Sweden Universities with more than million followers in the world. The Sahaj Marg is a very simple meditation technique which can be followed by any person without any kind of pre-requisites. Dr. Rajashekar P. Mandi, Director School of EEE, also emphasized on the usefulness of Heartfulness Program and Sahaj Marg Yoga.

A similar program was also organized on 16th March 2018 by the School of Electronics and Communication Engineering in association with Heartfulness Foundation. The session was conducted by the SahajMarg Spirituality Foundation, or SMSF supported Heartfulness Institute's specialized trainer Mr. Prabhakar Ravoori and Heartfulness team who trained students, teachers and administrative staff of the school.

Seminar on LEGAL AID

The School of Legal Studies had organized a seminar on Legal Aid on 24th February 2018 for 2nd Semester LL.B. students. The resource person was Deepa Rafeeqe, a corporate trainer and co-founder of VLegal Firm. The session was very interactive and students felt session was very useful and informative. The following are the outcome achieved with the legal talk.



Visit to Vishnu Forge Industries Ltd., Bengaluru

The School of Mechanical Engineering had organized an industrial visit to Vishnu Forge Industries Ltd, Bengaluru on 2nd March 2018. Vishnu Forge Industries Ltd. is an ISO 9001:2008 certified company. Students of 6th Semester visited the company and felt that such exposures will help them to get practical knowledge.



Faculty Development Program on "Fighter Aircraft Design"

The School of Electronics and Communication Engineering conducted a Faculty Development Program on "Fighter Aircraft Design" on 24th March 2018. This initiative of the school was to bring awareness about importance of Fighter Avionics design and technology used in National Defense System so that faculty members can carry out applications, research and projects under defense avionics. Dr. Sitharamraju, Professor Emeritus, School of ECE, and former Scientist in Indian Fighter Aircraft Designs was a resource person of the FDP program.

Throughout the session, topics such as avionics system design in terms of mechanical and electronics were discussed. This could result in deep, practical understanding of avionics system designs among students and faculty members of the University.



Rural Documentation

On 11th and 12th February 2018, students of 4th semester from the School of Architecture took up Rural Documentation of Bukkasagara and Nagenahalli in Hospet. An extensive documentation of the existing conditions was carried out, and proposals were made for further developments.



Industrial Visit to ISRO, Bengaluru

Industrial visit is an integral part of the curriculum. It helps to bridge the gap between classroom and the real working world. In this regard, the School of Mechanical Engineering, REVA University, organized an industrial visit to ISRO, Bengaluru on 7th March 2018. Scientist from the training department gave a brief introduction about the ISRO and the students were taken for the visit to museum and explained in detail about the various components involved in satellite, various space satellites launched, working of the satellites and applications of satellites.

The students got an exposure about the various materials used for production and manufacturing processes involved in producing the components for satellite. Scientists also explained about how the parts are assembled to make a satellite and the procedures to be followed for the assembling of the parts, launchers and how satellites are launched.



UIIC Collaborates with Teamlease

On 12th February 2018, REVA UIIC collaborated with Teamlease to execute National CSR Project “SelectHER”. This project is a demand-driven corporate initiative to skill and empower underprivileged women for careers in lifestyle and fashion retail in India. The program is a carefully designed, mentor-led, advanced skill training program which incorporates retail skills, life skills as well as on-job-training. All trained candidates got placed in reputed companies.



Workshop on Computational Drug Discovery using Bioinformatics Approaches

Department of Biotechnology, School of Applied Sciences, REVA University, organized one day workshop on “Computational Drug Discovery using Bioinformatics Approaches” for M.Sc 1st Year Biotechnology Students on 10th March 2018. Dr. C. N. Prashantha, Assistant Professor, Department of Biotechnology, was the resource person for the workshop. Students got hands-on experience on basic bioinformatics techniques, such as, Sequence Alignment, Pairwise Sequence Alignment, Multiple Sequence Alignment, Protein Structure Prediction, and Drug discovery techniques, such as, Pharmacophore Analysis, Pharmacokinetic Analysis, Molecular Docking and Virtual Screening.

Case Study Visit

On 27th February 2018, residential house case study visit for students of 2nd Semester B.Arch. was organized to Valley of Wind and Prestige Golf Shire Nandi Hills, Bengaluru. The visit was organized by Assistant Professors Sreedevi, Ashwin Bharadwaj, Anupama R.M., Raghu and Anup Kumar Prasad.



Visit to YUKEN India Limited, Malur

Yuken India Limited (YIL) was established in 1976 in Technical and Financial Collaboration with Yuken Kogyo Company Limited, Japan (YKC), leaders in Oil Hydraulic Equipment. YIL is listed on the BSE and has a good track record of rewarding Investors. YIL is an ISO 9001:2008 certified company for all its manufacturing facilities.

The manufacturing facilities are located in Malur, spread across a sprawling 18 acres of lush green environment. In



the last 40 years, YIL grew steadily to become the preferred source for Hydraulics. YIL stands for quality, fair pricing, ready availability, prompt service and relationships built by caring. Students got exposed to different products of manufacturing and assembly. Around 25 students of 4th Semester B.Tech. were benefitted from this industrial visit.

Industrial Visit to KSDL, Bengaluru



The School of Mechanical Engineering organized an industrial visit to Karnataka Soaps & Detergents Limited (KSDL), Rajajinagar, Bengaluru on 14th March 2018. The Government Sandalwood Oil Factory was established by the Maharaja of Mysore His Highness Nalwadi Krishna Raja Wodeyar and Diwan Sir M. Visvesvaraya, during the year 1916 at Mysore, to extract Sandalwood Oil from Sandalwood. The Maharaja of Mysore was keen to propel Mysore State on the Global Map, by introducing the world's best natural sandalwood oil and to make it as the fragrance ambassador of India. The first indigenous Sandal Soap with Sandal Note as its base fragrance along with the other Natural Essential Oils consisting of Vetiver, Patchouli, Geranium, Palm Rosa, Orange, Petitgrain etc.

was produced and introduced in the market under the brand name of Mysore Sandal Soap during the year 1918.

The students visited KSDL museum where the KSDL products are showcased. Company PRO explained the detail history of the KSDL from Mysore sandal factory and he also explained the process of extracting sandal wood oil from sandal wood. Later students are taken to factory where the manufacturing process will be carried out; students were exposed to the different processes and machinery/ equipment.

Blood Donation Camp & Free Medical Checkup

On 17th March 2018, the School of Civil Engineering organized a blood donation camp and free medical checkup inclusive of eye checkup and dental checkup in association with Rotary Club of Yelahanka and Kempegowda medical service trust. Students, teachers and administrative staff of REVA University donated 596 units of blood. Several members of the REVA University family were benefitted by the free medical checkup.



Special Lecture on Constitutional Law

The School of Legal Studies, REVA University, had organized a Special Lecture on "Constitutional Law" by Sri A.S. Ponnanna, the Additional Advocate General, Government of Karnataka.

Sri A.S Ponnanna, the Additional Advocate General, enlightened the students about the Preamble of the

Constitution and the importance of the Preamble in bringing social justice in India. He focused on the fundamental rights and social justice to the poor and downtrodden peoples and their Right to Equality under the Constitution in connection with the existing inequality in the society, and the rights and privileges of the economic and social backward classes. He stressed on the effective functioning of the government in relation to the various schemes introduced for the financially backward people in the society. The resource person guided the students with respect to constitutional advocacy. He also clarified the doubts raised by the students relating to reservation and different free schemes provided to the poor as one of the components of social justice.



E-Week 2018

On 19th February 2018, the Center for Entrepreneurship Development, REVA University, organized "E-Week 2018", an event aimed at creating a platform for all the young minds to come up with their innovative business and social development ideas.

The inauguration of E-week 2018 saw the gracious presence of Prof. Suresh Bhagavatula, the Chairperson, Advisory Board for NSRCEL, IIM Bengaluru. He addressed the students about the significance of creating an effective ecosystem for entrepreneurship in educational institutions. The program was presided over by Dr. S.Y. Kulkarni, Vice Chancellor, REVA University. The program also witnessed the formal announcement of the beginning of E-Club at REVA University.



Visit to Bangalore Metallurgicals Pvt Ltd, Hoskote

The School of Mechanical Engineering organized an industrial visit on 14th March 2018 to Bangalore Metallurgicals Pvt Ltd, Hoskote. IIF student members along with final and pre-final year students visited the company.

Bangalore Metallurgicals Pvt. Ltd. is committed to producing the highest quality Gray and Ductile Iron castings in the world. Bangalore Metallurgicals Pvt. Ltd. is an ISO 9002 certified company which produces castings from 0.5 kg to 3000 kg for broad applications in the fields of Power Generation, Turbines, Pumps, Valves, and Engine Blocks, Automobile, Machine Tool and many other specialty markets.



Outreach Program in Shristi Special Academy

The Department of Biotechnology, School of Applied Sciences, REVA University, had organized an outreach program as an extension activity in Shristi Special Academy, a non-profit organization that strives for the self-reliance and acceptance of special individuals. This program was organized on 27th of March 2018 and students of UG and PG Biotechnology visited the institution. The students had an orientation by Mr. Raju, Coordinator, SSA. This program has scintillated the young minds of our students and had a great impact in making them sensitize towards social commitment. As per their specific requirement, few ceiling fans were donated to the institution. The Department of Biotechnology is committed to serve the academy in future too.



FDP on Bioinformatics

A Faculty Development Program on Bioinformatics in Research and Data Analysis was organized at the Department of Biotechnology, REVA University, on 24th February 2018. Dr. Prashantha C.N, Assistant professor, Department of Biotechnology, was the resource person for the program. The FDP helped the faculty members to discuss several issues related to Bioinformatics.



SAVISKARA 2018

The RACIT forum of the School of Computing & Information Technology organized SAVISKARA 2018, a 2-day Techno-Cultural Fest, on 22nd and 23rd March 2018. On the first day, the fest started with some recreational events, such as, Counter Strike, NFS, Art Attack, Solo Singing, Rangoli and Battle of Bands.

The second day had fun-filled events, such as, Arm Wrestling, Hogathon and Fireless Cooking. Technical events, such as, Port the Code, Bug Hunter, Tech Quiz, TechnoSapiens and Technical JAM were also a part of the fest.



One Day Hands-on Workshop on "Big Data Analytics"

Big Data Analytics is the new technology that is evolving across the globe. IT organizations are moving towards the concept of seamless computing, and real-time processing of data with high degree of resource scalability. Data Analytics and Big Data has become one of the main functional areas in most companies. Today,

there is an increased demand for professionals with awareness of Analytics. Many universities across the country have introduced Business Analytics as a subject in UG & PG curriculum especially in management and engineering disciplines.

A hands-on workshop was organized by the School of Computing & Information Technology to expose the students to this evolving technology. This workshop provided an introduction to the academic community on this technology based on case studies of Indian companies where various Business Analytics tools and techniques have been used for fact-based decision making. The workshop also provided a platform for faculty members and research scholars to interact and share their understanding of analytics domain.



Technical Talk on NDT

The School of Mechanical Engineering had organized a technical talk for 8th Semester students on "Non Destructive Testing - Industrial Applications" on 20th March 2018. Mr. Ravi Kumar Thammana, Founder & CEO of Trinity NDT Pvt. Ltd and Mr. Shivakumar R, Co-Founder of Trinity NDT Pvt. Ltd were the resource persons. The talk focused on the application of Physics in NDT; need of NDT to reduce number of accidents; use of NDT in all the manufacturing stages, among other subjects.



Skill Development Program on Architectural Model Making



The importance of model making in Architecture does not need testimonial. With the advance rendering software, getting drawings, 3D visuals and walk-through seems modern, fascinating and convenient. Nevertheless, making physical model by hand explores thoughts that are unpremeditated, pre-verbal and non-linear. The idea evolves before the brain has had time to set boundaries, enforce preconceptions. The craft of making things is the essence of design. To enhance the skill of model making, a skilled resource person from Pune, Ar. Uttam Kumar Mondal was invited to the School of Architecture to conduct a 3-day Skill Development Program on Architectural Model Making from 29th to 31st March 2018.



One Day Workshop on “Intellectual Property Rights (IPR)”

The School of Mechanical Engineering organized a workshop on “Intellectual Property Rights (IPR)” on 24th March 2018 for the faculty members of Engineering discipline. Around 120 members participated across Karnataka. The resource persons were experts from Origin IP Academy, Bengaluru.

Ms. Deepa E.S. from Origin IP Academy gave an overview on IPR, different forms of IPR like patent, copyright and trademark. She explained about the conditions for patenting and non-patentable inventions. She then explained in detail about the various procedures in getting copy rights, trademarks, geographical indication, trade secrets, and plant variety protection with neat illustrations. She further explained process of patenting, documentation required, patent filing, types of patent applications. Later, Ms. Tanu Singh from the same organization, enlightened the participants on technology commercialization and IP Policy. She explained about challenges, solution, impact of technology, transfer of the technology, technology valuation, cost based method, market based method and income based method, IP audit, need for IP audit, IP policies, IP committees, etc.





Programs offered by REVA University - Research Program

UG Programs

- ◆ B. Tech.
- ◆ BA LL.B.(Hons.)
- ◆ B. Com.
- ◆ BBA
- ◆ B.Sc.
- ◆ BS
- ◆ BA (PaEP)
- ◆ B. Arch.
- ◆ BBA LL.B.(Hons.)
- ◆ B.Com.(Hons.)
- ◆ BBA (Hons.)
- ◆ BBA (Entrepreneurship)
- ◆ BCA
- ◆ BA (JEP)

PG Programs

- ◆ M. Tech.
- ◆ MCA
- ◆ M.Com.
- ◆ MA in English | Journalism & Communication
- ◆ MPA in Bharathanatyam | Kuchipudi
- ◆ M.Sc.in Biotechnology | Chemistry | Biochemistry | Physics | Mathematics
- ◆ MBA
- ◆ MS
- ◆ LL. M.

Diploma / Certification Program

- ◆ Bharatanatyam
- ◆ Kuchipudi
- ◆ Mohiniyattam
- ◆ Plumbing & Irrigation Systems



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