



**REVA**  
UNIVERSITY

Bengaluru, India

Established as per the section 2(f) of the UGC Act, 1956,  
Approved by AICTE, New Delhi



# Newsletter

## INSIGHT




April - June 2019

A QUARTERLY NEWS BULLETIN OF REVA UNIVERSITY

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**“One  
ASSOCIATION  
for MANY  
great  
CAREERS”**

## Our Mission

- To create excellent infrastructure facilities, state-of-the-art laboratories and incubation centres.
- 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 partnership and share knowledge for innovation and development.
- To organize society development programs for knowledge enhancement in thrust areas.
- To enhance the leadership qualities among the youths and enrich personality traits and promote patriotism and moral values

## Our Vision

“REVA University aspires to become an innovative University by developing excellent human resources with leadership qualities, ethical and moral values, search culture and innovative skills through higher education of Global Standards”

### Chief Patron:

Dr. P. Shyama Raju, Chancellor

### Chief Editor:

Dr. S. Y. Kulkarni, Vice Chancellor

### Patrons:

Dr. V. G. Talwar, Advisor  
Dr. M. Dhanamjaya, Registrar  
Dr. N. Ramesh,  
Dean - Training, Placement & Planning

### Editor:

Dr. Payel Dutta Chowdhury,  
Director, School of Arts & Humanities

### Coordinators:

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Karthika S. Renu	Assistant Professor, School of Arts & Humanities
Jesna Kuriakose	Assistant Professor, School of Arts & Humanities

## From Chief Editor's Desk

"Success is not final; failure is not fatal. It is the courage to continue that counts."

– Winston S. Churchill

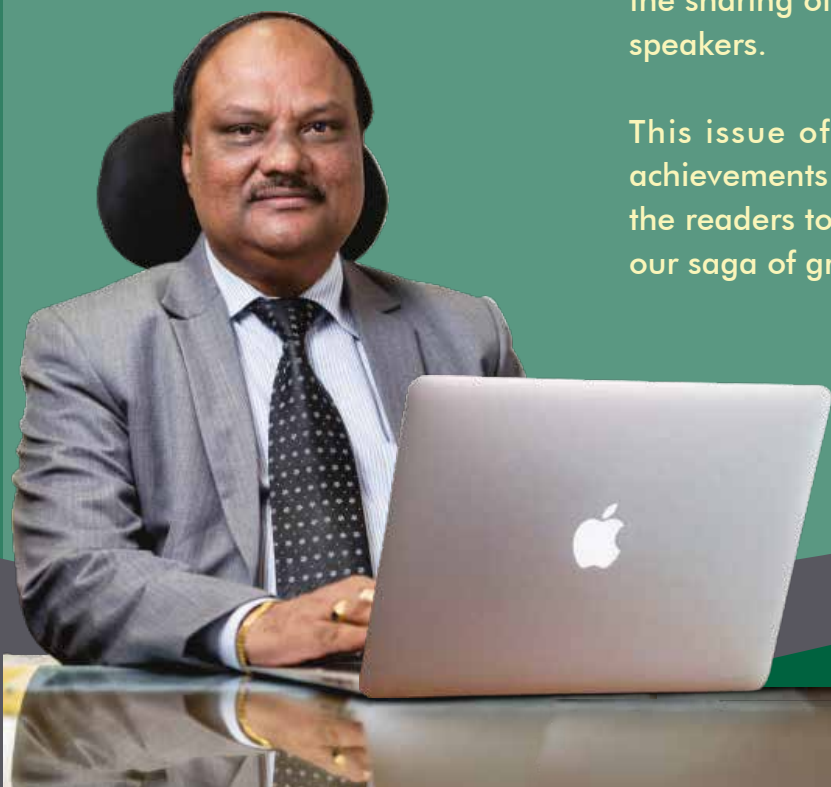
Working towards continuous progression is the motto that we follow at REVA University. Our endless efforts at taking the university to the next level is visible through the numerous recognition and appreciation that we have been bestowed with as a university of repute in the global arena.

As we move ahead in the year 2019, our day-to-day activities in the campus promise to be extraordinary for we are our greatest competitor and endeavour to proceed towards the highest summit of success.

The second quarter of the year has been vibrant with various academic, research and co-curricular activities organized at REVA University. REVA Research Conclave is one of our flagship programs to showcase the accomplishments of our research scholars. This conclave also successfully brought together many great minds who inspired our scholars and provided them with insights on producing quality research work.

The inaugural event of TEDx REVA University is another such momentous event in our campus which facilitated the sharing of rich experiences by several distinguished speakers.

This issue of REVA INSIGHT brings out the many achievements of our students and teachers and I urge the readers to stay closely connected with us to follow our saga of growth.



Dr. S.Y. Kulkarni  
Vice Chancellor  
REVA University

Happy Reading!!!



# REVA Research Conclave 2019

REVA University organized a 2-day Research Conclave on 23<sup>rd</sup> and 24<sup>th</sup> May 2019. Carrying out Research Conclave at such a great magnitude has been constantly emphasized by Dr. P. Shyammaraju, the Honorable Chancellor of REVA University. The event was inaugurated by Dr. Heggere Ranganath, Professor and Department Chair, Computer Science Department, the University of Alabama, Huntsville, USA and Dr. Rajendra Naragundakar, Professor of Marketing, IIM Indore. The conclave showcased the aspirations and accomplishments of various research scholars of REVA University. The Honorable Vice Chancellor of REVA University, Dr. S.Y. Kulkarni, commented that the event benefitted all scholars by connecting them with the industry directly. In fact, this planned R&D conclave is being viewed as a support to the scholars as their works were displayed at the event and hence can be funded and commercialized. The panel discussion, moderated by Dr. Jay Bharateesh Simha, CTO & Director,

Analytics and ABIBA systems featured Dr. Heggere Ranganath, Professor and Department Chair, Computer Science Department, the University of Alabama Huntsville; Dr. Arun Isloor, Professor and Head of the Department NITK, Surathkal; Dr. Rajendra Nargundkar, Professor, Marketing, Indian Institute of Management, Indore; Mr. Ravikiran Annaswamy, CEO of Innohabit Technologies; Dr. Nagaraja R, Founder and Managing Director, Power Research & Development Consultants Pvt. Ltd., Bangalore; Mr. Nagaraja N S, CEO and Director, SENSEI Technologies Pvt Ltd. Together they shared breakthrough thinking and important insights on the topic "Smart Cities and Smart Technologies". Apart from the panel discussion, Keynote Addresses were organized by various schools of the university. The Dean, Research & Innovation Council, Dr. B.P. Divakar stated that, "An event of this nature motivates the research scholars to discuss, deliberate, and accelerate their research work."



# Inaugural Event of TEDx REVA University

On 5th April 2019, TEDx inaugural event was organized at REVA University to bring international exposure and expertise to students and staff. Distinguished speakers from all walks of life made the whole auditorium spellbound with their rich experiences. Prakash Belawadi an actor, and an established theater person; Neeraj Chandra, ex-CEO Britannia; Dr. Ali Khwaja, Head of Banjara Counseling Institute; Mirchi RJ Smitha Dixit; Captain Naveen Nagappa; Anju Maudgal Kadam were some of the speakers. Every speaker was unique and had wide knowledge and information to share with all guests. Going forward, REVA University plans to conduct TEDx event every year.





# World Dance Day - “Dance & Spirituality”



The School of Performing Arts organized a World Dance Day programme on the 29th April 2019. The theme of this event, as decided by the International Dance Council, was “Dance & Spirituality”. The morning began with a seminar by two expert speakers, Dr. Padmaja Suresh and Dr. Yashoda Thakore. They spoke extensively on the chosen theme and being eminent dancers themselves, their words made a huge impact on the students. In the afternoon, special performances by troupes from outside the University were arranged. The programme began with a Kathak presentation by the disciples of Guru Mysore Nagaraj. A truly heart-rending Bharat Natyam recital by the visually-impaired artistes of Articulate Ability mesmerized the audience. The programme ended with a delightful Bharat Natyam performance by the Bharatanjali dance troupe of

renowned Guru B. Bhanumathi. This year the School of Performing Arts was inspired to take dance to new and unusual places and had arranged for various outreach programmes. On the 29th morning, the team visited an old-age home, ‘Little Sisters of the Poor’. There they danced and sang for the inhabitants of the old-age home who were overjoyed to be entertained in that manner. The same evening, another team of dancers went to the orphanage, Bosco Mane, and performed for the vivacious little wonders there. The children had a wonderful time interacting with the team there. The next day, continuing the spirit and celebration of World Dance Day, yet another team of dancers went to Kidwai Memorial Institute of Oncology and performed for the patients and care-givers of the hospital.



## Workshop on Sketching

The School of Architecture organized a 'Sketching Workshop' for second semester students on 2nd April 2019. Sketching in Architecture is often used to express an idea and clarify the intent of the design. To inculcate the technique of sketching, "Perspective Sketching" was conducted and it was a great opportunity for students to have a steady foundation in perspective drawing. Students were asked to select any sight of their choice in the campus and were instructed to sketch that view. Faculty members guided them to understand the basic elements of perspective sketching, such as, scale, proportion, depth perception, light and shadow.



## FDP on "Deep Learning with MATLAB"

The School of C&IT conducted a faculty development program on "Deep Learning with MATLAB" in collaboration with MathWorks Inc. on 10th April 2019. The resource person was Dr. Spandhana Gonuguntla, Education Technical Evangelist, MathWorks Inc. She has a Ph.D. from National University of Singapore.

Deep learning is a type of machine learning in which a model learns to perform tasks directly from images, text, or sound. Deep learning is usually implemented using a neural network. The term "deep" refers to the number of layers in the network - the more layers, the deeper the network. Deep learning is usually implemented using a neural network architecture.





## Symposium on “Internationalization of Indian MSMEs”

In the light of 27th June being observed as the micro, small and medium-sized Enterprises Day, the Faculty of Commerce and Management Studies of REVA University had organized a Symposium on 28th June 2019. The theme of the symposium was Internationalization of Indian MSMEs and their Opportunities and Challenges.

The Chief Guest for the event was Dr. David Smallbone, Professor, Kingston University and Guest of Honor SR Sateesha, Managing Director, VTPC. The resource persons for the first session were Shri D. Muralidhar, Former President, FKCCI and MD SNAM Abrasives Pvt Ltd. and Dr. Mathew Manimala, Former Professor, IIM-B. The resource persons for the second session were Dr. David Small Bone, Professor, Kingston University and Dr. Hang Do, Post-Doctoral Researcher, SBRC, Kingstone University.



## Project Exhibition by First Year B.Tech. ECE Students

The School of ECE conducted a project exhibition by second semester B.Tech. students on 17th May 2019. The projects were on the fundamental concepts of Electronics circuits, Communication and Digital Electronics. This exhibition was a part of Project-Based Learning among students of ECE on Analog Electronics. It aims at providing hands-on experience to various technical aspects of engineering problems which will enable students to develop creative thinking and innovation in bringing up better engineering solutions and improves the depth of understanding of engineering concepts of Analog Electronics Circuits.



# Family Business Leadership Clinic Program

The School of Management Studies organized "Family Business Leadership Clinic Program" at Karnataka Small Scale Industries Association (KASSIA) on 16th April 2019 for the benefit of KASSIA members. More than 25 members belonging to first, second and third generation entrepreneurs participated in the program.

Dr. Amit Kumar Dwivedi, Senior Faculty Member, EDII, Ahmedabad and Mr. N. Krishnan, Family Business Management Consultant, trainer and mentor took sessions at the program.

Mr Basavaraj S. Javali, President, KASSIA, in his welcome address stressed the importance of preparing next generations in family businesses and felt that there should be a right alignment between generations.

He stressed the need for training programs to ensure smooth running, growth and succession in family businesses. Mr. Ravi Kiran Kulkarni, Hon. Secretary, KASSIA, introduced the resource persons to the gathering. Mr. Kulkarni felt that programs like this would motivate younger generation entrepreneurs to join family businesses and help in bridging the gap between generations.



SL. No	Name of Company	No. of Selected Students
1.	Forte Research	05
2.	Idexcel	02
3.	Viva Toyota	06
4.	Dynapac	01
5.	Campus Management	03
6.	Element 6	08
7.	Huawei	12
8.	Power School	04
9.	Dell	16
10.	PRDC	02
11.	IBM	18
12.	Ninjakart	07
13.	HP Inc	Results awaited
14.	Idexcel	Results awaited
15.	Robert Bosch Services	Results awaited
16.	Bosch Ltd	Results awaited
17.	Symphony Summit	Results awaited
18.	SAP Labs	Results awaited
19.	Quinnox	Results awaited

## Placement News

The CDC team also visited companies like **Infosys, Lowe's India Pvt Ltd, L&T Infotech, Wipro and TCS** in order to work the modalities for the hiring process of 2019-20 batch.



## Workshop on “Clinical Diagnostics”



The department of Biochemistry, School of Applied Sciences, organized a workshop on Clinical Diagnostics on 12th April 2019. The workshop included a guest talk and one-day training in Clinical Diagnostics. The talk was delivered by Dr. Suryanarayana Sharma, Head, Department of Neurology, BGS Hospital, Kengeri, Bangalore. He explained the various causes involved in getting 'stroke' with varieties of 'symptoms' associated, and he explained how one can control and cure by using various techniques. In the training program, students were exposed to the methods of blood collection, handling BP apparatus and glucometer which was explained by Mr. Bavi Reddy, Head, Yelahanka Standard Diagnostic Centre, Bangalore.

## REVA Rachana

The School of Architecture organized their annual flagship event, REVA Rachana, on 3rd and 4th April 2019 during which students got the chance to exhibit their varied talents in the realm of creativity as well as entrepreneurship. The highlight of the day was REVART-2019 – an exhibition of handicrafts, art work, food and games by students.



## SAVISKARA 2019

The RACIT forum of the School of Computing & Information Technology organized a Techno-Cultural Fest, SAVISKARA 2019, on 8th May 2019. The day started with technical events like Port the code followed by Bug hunter, Tech Quiz and Debate. Cultural events like Rangoli, Hogathon, Singing and Dancing were also conducted during the fest.





## FDP on “Research Trends in Management and Entrepreneurship”

On 29th June 2019, the School of Commerce and the School of Management Studies organized a FDP on Research Trends in Management and Entrepreneurship. The first session was an interesting talk by Dr. Matthew J Manimala, former professor IIMB and Professor Emeritus, REVA University. The talk was titled “Publish or perish”. Dr. Matthew focused on the need to look at research in a non-traditional method by focusing more on personal problems and experiences rather than literature review while choosing a research topic. Dr. Matthew’s session was followed by a session on “Research in Management: Trends and Challenges” by Dr. P. Narayana Reddy, research mentor, School of Commerce and School of Management

Studies. Dr. Reddy focused on the need to choose topics based on the experience and expertise of the researcher and the need to focus on the quality of publications. The first post-lunch session was handled by Dr. David Small Bone from Kingston University. His session was titled “Entrepreneurship research: past, present and future”. Dr. David spoke on evolution of entrepreneurship research in the world. The last session of the one-day FDP was handled by Dr. Hang, postdoctoral researcher, Kingston University, London. Dr. Hang narrated her own research journey to highlight the challenges and ways to conduct a research. Her session was titled “Entrepreneurship Research: from ideas to practice”.



## Workshop on “RF Experiments using Raspberry Pi”



The School of ECE, REVA University HAM Club in association with Indian Institute of HAM organized one day Workshop on RF Experiments using Raspberry Pi on 14th April 2019. 73 candidates from IIH, REVA University Ham Radio Club, and other organizations had participated in the workshop. The resource person was Mr. Priyasolka Arya, VU3BCN Scientist, Radio Jitter & Member, Indian Institute of Hams. The workshop focused on how Raspberry Pi can be used for RF, Ham Radio experiments and other radio hacking.

## Makeintern-IIM Indore Workshop on “Digital Marketing for International Business Plan Summit”

The Makeintern-IIM INDORE workshop on Digital Marketing was conducted on 2nd and 3rd of April 2019 by the School of Management Studies, REVA University. The workshop included 2 days (16 hours) training and assessment for 50 students. The Digital Marketing workshop was conducted by Mr. M. Shravan Kumar, Founder and Director of National Institute of Digital Marketing (NDIM), Bangalore. The students presented their business plan and were shortlisted from 300 participants to 30 leading teams.

This workshop focused at equipping students with the knowledge, skills and competencies in the upcoming field of digital marketing and



become industry-ready to take up the large number of opportunities in digital marketing in this new millennium.



## Workshop on “Enhancement of Software Skills of Mechanical Engineering using CATIA Software”

The School of Mechanical Engineering had organized a two-day workshop on “Enhancement of Software Skills of Mechanical Engineering Using CATIA Software” for the benefit of UG students on 1st and 2nd April 2019. The main objective of this workshop was to create a training program which involves going through a lot of detailed and specific information. Setting realistic training objectives may be the most critical, yet the most overlooked phase of the entire training and development cycle and therefore,



the workshop was designed to benefit the participants by exposing them to relevant knowledge. More than 360 participants from the School of Mechanical Engineering participated in this workshop.

## Performance by MPA Students

As part of their final semester examination, the Masters in Performing Arts students staged a production that was conceptualized and choreographed by them with the guidance of the faculty members of the school. This production titled “Navarathna” was staged on the 29th of May and was a befitting end to the Masters program as all the dancers came together to create one aesthetically pleasing and appealing production on the nine gems that have immense cultural significance in Indian spirituality.



## Industrial Visit to PharmaGenica

The department of Biochemistry, School of Applied Sciences, organized a one-day industrial visit to PharmaGenica company, Nelamangala, Bangalore on 26th April 2019 for the 2nd semester M.Sc. Biochemistry students. Under the guidance of Dr. Senthil Dorasamy, CEO and Director, PharmaGenica, the students were given an orientation about the company rules and regulations. They learned various techniques used in the formulation of tablets and capsules, addition of bulk agents to the active ingredients and packaging of the tablets and capsules.





## Visit to Sir M. Vishwewaraiah Rain Water Harvesting Park

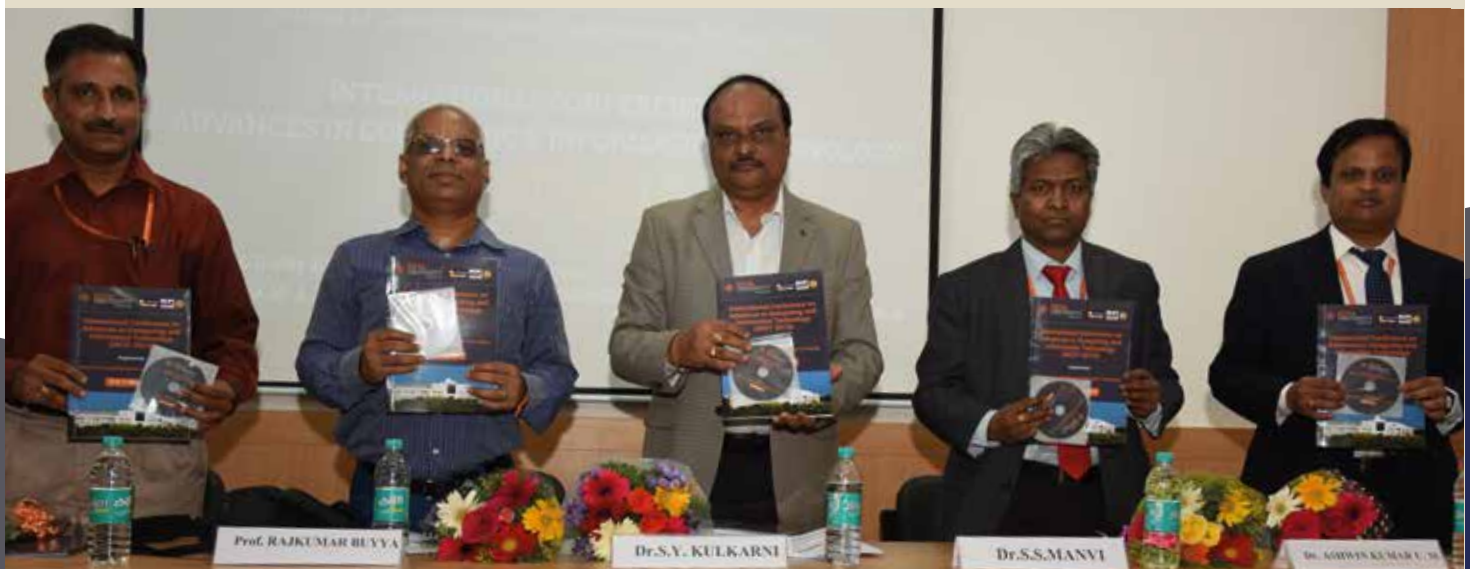
The School of Architecture had organized a visit to Rain Water Harvesting Theme Park, Jayanagar for the students of 4th semester on 5th April 2019. The visit aimed at enhancing the knowledge on the new techniques implemented and enforced the same as bylaws by BBMP to save and reuse water. The visit gave an insight to students about the importance to save water and the benefits of saving water and detailed technical explanation and understanding about each preservation technique used for rain water harvesting with the study models installed.



## International Conference on “Advances in Computing and Information Technology”

The School of Computing and Information Technology organized an International Conference on “Advances in Computing and Information Technology (IACIT-2019)” on 10th & 11th May 2019. Prof. Rajkumar Buyya, Director, Cloud Computing and Distributed Systems (CLOUDS) Laboratory at the University of Melbourne, Australia, inaugurated the

conference. The authors presented papers in five parallel sessions under various domains for two days. This included Data Mining and Artificial Intelligence, Mobile Computing & Cloud Computing and security, Internet of Things and Wireless Sensor Networks, Digital Image processing, Neural Networks and Deep Learning, Natural Language Processing and Embedded Systems with two chairs per session.



## Technical Talk on “Digital Communication in Satellite Links”

The School of ECE had organized a technical talk on “Digital Communication in Satellite Links” on 12th April 2019. Dr. V. Sambasiva Rao was the resource person. Around 60 students from the School of ECE attended the talk.

This talk focused on issues like space segment satellites - LEO, MEO and GEO, what makes a satellite, the dis-assembled remote sensing satellite, communication payload, etc.



## Workshop on “MATLAB & Simulink ToolBoxes”

School of Mechanical Engineering organized a workshop on MATLAB & Simulink Toolboxes on 10th April 2019 for PG students and faculty members of Engineering discipline. The resource person was Dr. Souvick Chatterjee from Mathworks India Pvt Ltd. MATLAB is a high performance language for technical computing. It is a multi-paradigm numerical computing environment

and fourth - generation programming language for numerical computation, visualization, and programming. MATLAB and Simulink have applications in Mechanical Engineering in the areas of Vibration Signal Analysis, Acoustic Analysis, Shear Force and Bending Moment Diagrams of Beams, Heat Transfer and CFD applications etc.

## Indian Raga Fellowship

The School of Performing Arts hosted the Indian Raga fellowship from the 4th to 8th June 2019. Indian Raga, headed by CEO, Sriram Emani, is a global community of performing artistes spread across 40 cities in the world. Some of today's best artists have grown with them to get prestigious performance opportunities at the United Nations, Lincoln Center, World Government Summit, Jacob's Pillow, Gaana Music Festival and more. They offer a plethora of programs for performing artistes across the world. They have a highly selective network of the best performing artists globally, showcased and promoted by

Indian Raga. The videos produced by Indian Raga Fellows at the annual Fellowship week have gone on to build a global following and recognition for artists that has launched their careers. This year, for their fellowship, REVA University was the selected host. The dancers and musicians created and practised the pieces in the classrooms of the School of Performing Arts and about 15 videos were shot over the course of 3 days. The Creative Director, Mahesh Raghavan, who has produced some truly exemplary work, was among those present. The videography for the fellowship was done by Shaale.com.



## Expert Lecture on “Electric Transportation: Challenges and Advancements”

The School of EEE organized an expert lecture on “Electric Transportation: Challenges and Advancements” on 17th June 2019. Dr. Arun Kumar Verma, Assistant Professor, Department of Electrical Engineering, Malaviya National Institute of Technology, Jaipur, was the resource person. The lecture focused on introduction to motivational parameters to promote usage of Electric Vehicle (EV) in India. The lecture provided an insight to recent research areas in the development of EV.

## Visit to REVA Water Recycling and Organic Compost Unit

On 25th April 2019, B.Sc. students of the Departments of Physics and Chemistry, School of Applied Sciences, REVA University, visited the REVA Water Recycling and Organic Compost Unit. This visit helped the students to acquire idea about water recycling and preparation of organic compost.

## Workshop on “Sustainable Construction Techniques”



The School of Architecture in association with Building Resource Hub, conducted a 3-day workshop from 13th to 15th April 2019 on Sustainable and Eco-friendly construction techniques and materials. This workshop on CSEB construction technology includes the construction of Arches, Vaults and Domes to begin with as part of the curriculum. Students got to learn about Low Carbon building construction through CSEB as a local material where the soil is extracted from the same site itself. Students themselves constructed different kind of brick bond like Flemish bond and English bond, semi-circular arch in the department construction yard.





## Visit to Orphanage

The School of ECE and REVA Rotaract Club along with 25 students visited Sumangali Seva Ashram situated near Hebbal and Adarane Charitable Trust situated near Hegde Nagar, Yelahanka on 5th April 2019. Sumangali Seva Ashram and Adarane Charitable Trust are organizations dedicated to facilitate services for down-trodden deserted women, orphan children and economically weaker people in the society. The rice grains which were collected during the "AIKAKARMYA" event which was conducted in REVA University campus were distributed to the organizations.



REVA University has started a unique practice of exhibition of all final year student projects in a single platform called "REVA EXPO". The main objective is to motivate the students and transform them to become innovative entrepreneurs, successful leaders of tomorrow and committed citizens of the country. Shri Sankar Palat, Sr. Director - IT, Lowe's Service India Pvt. Ltd. and Shri C.D. Sridhara, Director, Anant Technologies inaugurated REVA EXPO 2019 on 2nd May 2019.

560 projects from different schools of REVA University were exhibited in 301 stalls. The second day of the expo was declared as 'Open Day' for parents, aspiring students, public, employers and media to visit the REVA campus and look at the various infrastructural facilities and interact with faculty members.

## REVA EXPO 2019



## Industrial Visit to IMTMA, BIEC

On 19th May 2019, the School of EEE had organized an industrial visit to IMTMA, BIEC for 8th semester students. The students had a brief introductory session by Mr. Gopi, Sr. Executive Officer, IMTMA. The session was about the importance of control systems in industrial automation. The students visited the lab where they saw the operation of process control. The students interacted with the executives and their staff related to Industrial Automation.



## Project Expo Awards

2nd and 4th semester B.Tech. EEE students have received the 1st and 5th prize worth Rs. 10,000 each at Vidhyapeeta Education Fair Project Expo organized by Public TV from May 10th to 12th 2019 at Palace Ground, Bengaluru.





## Guest Lecture on “FTIR and RAMAN Spectroscopy”

The department of Physics, School of Applied Sciences had organised a guest lecture on RAMAN and FTIR spectroscopy for M.Sc. students, research scholars, and faculty members on 26th April 2019. The speaker, Dr. Kavitha, presented details of Raman Effect, custom designed spectrometer and how to use it to characterize materials and new innovations and inventions in the field of RAMAN spectroscopy.

Later, Dr. Manohar Rao, who deals with FTIR spectroscopy instruments from Perkin Elmer Company, spoke about FTIR spectroscopy from the invention of the first FTIR instrument to the more advanced tools and techniques available till date. He explained how powerful and useful the instrument is in analyzing the materials and identifying the functional groups.

## Site Visit to Aditya Developers

The School of Architecture had organized a site visit for 4th semester students on 6th and 8th May 2019. Students were taken to an under construction project site by Adithya Developers at Bagalur Cross, Bangalore. This visit gave an on-site experience to the students to understand the construction of shear wall, expansion joints, construction joints and reinforcement details of RCC slab, RCC staircase, footing and the use of Total Station Surveying equipment and also helped in understanding various construction details.

## Summer Internship

The Developer Student Club, powered by Google Developers, supported by CODINZA in association with Hackathon Club of the School of Computing and Information Technology took an initiative to conduct summer internship and training programme from 21st to 29th June 2019 to encourage and provide a platform for students to get trained and also to get internship opportunities by showcasing their talents and innovative ideas in developing projects through coding and using latest technologies.

## Visit to The Hindu Publishing Pvt. Ltd.

The School of Arts and Humanities had organized a visit to The Hindu Publishing Private Limited for 2nd Semester M.A. Journalism and Communication students on 30th April 2019. This visit was organized in order to enable students experience the ambience of a news room, desks of different beats, conference rooms, etc. Mr. B. Pradeep Nair, News Editor of The Hindu, guided the students throughout the visit and explained the flow of news, number of editions, circulation procedure, difference between the reporters and news writers at the desk etc.

## Placement Oriented Training on “C and Data Structures”

The School of EEE in association with Code Academy organized a training program on “C and Data Structures” for all 6th semester students of School of Electrical & Electronics Engineering from 8th to 13th May 2019. The training sessions was focused on the importance of Software Programming, importance of programming knowledge for getting placements in MNCs and importance of programming skills for undertaking projects.

## Industrial Visit to Railway Wheel Factory

The School of ECE organized an industrial visit to Railway Wheel Factory, Yelahanka, 4th semester B.Tech. students on 27th April 2019. The students got an opportunity to learn about power supply and power backup, casting of wheels, forging of axles, assembling wheels etc.





## National Conference on “Recent Trends in Mechanical Engineering”

The School of Mechanical Engineering organized a National Conference on “Recent Trends in Mechanical Engineering” (NCRTME-2019) on 6th May 2019. The conference was inaugurated by Dr. K. Tamilmani, Former Director General (Aero System), DRDO. During his keynote address, Dr. Tamilmani emphasized the importance of materials in aerospace application and application

of Nano materials, composite materials, smart materials in the field of design and manufacturing of different components of aero system. 106 papers, which were selected by the review committee, were presented in eleven parallel sessions under various domains, such as, Design, Thermal, Materials, Manufacturing and Production Engineering.



## FDP on “Frontiers in Machine Intelligence and Soft Computing”



The School of C&IT had organized a 6-day Faculty Development Program on “Frontiers in Machine Intelligence and Soft Computing” from 10th to 15th June 2019, in association with National Institute of Technology, Warangal, which was sponsored by Ministry of Electronics and Information Technology (MeitY), Government of India. This FDP was open to the faculty members of Engineering/ Technical Institutions all over India and participants from Haryana, Tamil Nadu, Andhra Pradesh, Telangana and Karnataka participated in the program.

## Technical Talk on “Unmanned Aerial and Guided Vehicles through LIDAR Technology”

The School of ECE had organized a technical talk on “Unmanned Aerial and Guided Vehicles through LIDAR technology” on 12th April 2019. The resource person of the talk was Dr. Sujit, Associate Professor, IIIT Delhi. Around 80 students from the School of ECE attended the talk. The talk focused on LIDAR technology, drone remote sensing, how do drones work, etc.



## Expert Lecture on “HVDC Systems: An Overview”

The School of EEE had organized an expert lecture on “Fundamentals of HVDC Systems: An Overview” on 29th April 2019 for 6th semester B.Tech students and faculty members of EEE. Dr. Premila Manohar, HOD, Department of EEE, MSRIT, Bangalore, was the resource person. The talk was focused on introduction to HVDC Systems, need for HVDC Transmission, advantages and economics of HVDC transmission and application areas.

## Industrial Visit to ACE Designers

The School of Mechanical Engineering organized an industrial visit for 2nd Semester B.Tech. students to ACE Designers Ltd. Foundry Division, Bangalore on 20th May 2019. Students were exposed to the ways to adopt the safety measures during the production of cast products, identify different machines used in foundry for specific operations, and recognize the advantages of automation of equipment during casting.

## Visit to Swanthana, a special care centre

The Department of Biotechnology, School of Applied Sciences, had organized a visit to Swanthana, as a part of social outreach activity on 26th April 2019. Swanthana, run by the Daughters of St. Camillus was established in September 2006. It houses 50 girls between the age group of 8 months and 15 years, who are mentally challenged and have multiple disabilities. Students from UG and PG Biotechnology along with faculty members visited the organization, interacted with the children and handed over items of basic requirements to them.



## Visit to Under-construction Site

The School of Architecture had organized site visit for 4th semester students on 10th May 2019. Students were taken to an under construction project site at Horamavu, Bangalore. The project was an upcoming residential apartment using low cost techniques. The students got to learn about the onsite construction of filler slab, manufacturing of filler materials like custom-made Mangalore tiles and the usage of coconut shell as filler material. They could also see the construction of Ferro cement folded plate staircase.





## Project Demonstration

The School of ECE conducted 'Aavishkar', project demonstration under FORCE Forum on 25th April 2019. Chief guest Dr. Nagahanumaiah briefed about the importance of innovative and industry-oriented projects. He also motivated the students to collaborate with industry experts for internships.



## Visit to Asianet Suvarna Channel



The School of Arts and Humanities had arranged a visit to Asianet Suvarna news channel for the students of 2nd Semester BA-JEP on 30th April 2019. Ms. Suguna, Program Producer of Suvarna news channel, addressed the students and introduced them to various elements of a newsroom. Mr. Joshy, Creative Head, Productions of Suvarna news channel, explained the students about cameras, creative art and usage of lights, theme setup for various programs and RGB screens. The students visited the green rooms and met makeup artists and were also taken to the Program Control Room (PCR), IT Room, Master Control Room (MCR) and the News Room.

## FDP on “CATIA V5 – Hands-on Training”

The School of Mechanical Engineering had organized a Faculty Development Program on “CATIA V5 – Hands-on Training” in association with EDS Technologies, Bangalore. The FDP was inaugurated on 24th June 2019 by Mr. Jayaprakash A.J., Delivery Manager, Aerospace Vertical, TATA Consultancy services (TCS), Bangalore. He spoke about product life cycle, capabilities and role of CATIA in designing new product and emphasized on the roles and responsibilities of faculty members to mould the students into being industry-ready.

## Guest Lecture on “Blood Donation Awareness”

The Department of Biochemistry, School of Applied Sciences, organized a guest lecture on “Blood Donation Awareness” on 14th May 2019. The lecture was given by Dr. Komal Chippalkatti, Oncopathologist, Cytecancer Hospitals, Bangalore. Around 100 faculty members and students were the target audience. She explained about the importance of Blood donation and also gave in-depth illustration on the renewal duration of different components present in blood.



## FDP on “Industrial Robotics and Automation”

The School of ECE organized a Faculty Development Program on “Industrial Automation and Robotics” on 14th and 15th June 2019, in association with Axis Global Automation Group of Companies, Chennai. The FDP was inaugurated by Mr. Rajesh Raghavan, Regional Head – South, Yashkawa, India and Mr. Ezhilmaran Arumugam, Director, Axis Global Automation Group of Companies, Chennai. Introduction to the industrial automation was deliberated and the products from Axis Global and Yashkawa were displayed. The upload and download of ladder program, industrial automation programs, communication protocol and V-Box and controlling PLC through mobile using WPL software were demonstrated and practiced.



## Alumni Talk by on “DNA Repair Mechanism in Mitochondrial DNA”



Ms. Sumedha Dahal, pursuing Ph.D. in Mitochondrial DNA Damage and Repair at IISc, Bengaluru, and an alumnus of RISM was invited to REVA University to interact with PG Biotechnology students on 3rd May 2019. She delivered a talk on “DNA Repair Mechanism in Mitochondrial DNA and their consequences”. She spoke about her journey of pursuing Ph.D. and her experiences in research. She also gave an insight on preparations for Ph.D. entrance exams and career options in Life Sciences.

## Industrial Visit to CeNSE Lab at IISc

The School of ECE organized an industrial visit to “Centre for Nano Science and Engineering (CeNSE)”, Indian Institute of Science, Bangalore, on 7th June 2019, in order to promote research for M.Tech. students in the emerging technologies like MEMS & NEMS design. This visit focused on two central facilities, the National Nanofabrication Centre (NNfC) and the Micro and Nano Characterization facility (MNCf), nanoelectronics, MEMS/NEMS, nanomaterials and devices, photonics, nano-biotechnology, solar cells and computational nano-engineering.

## Skill Development Program on “Design and Development of Embedded Systems”

The School of EEE had organized a SDP on “Design and Development of Embedded Systems” from 19th to 22th June 2019 for the 4th semester students. The SDP was conducted by Mr. Nagaraj Hediya, CEO, eNLiven Technologies. It was focused on Components Identifications, Introduction to Arduino IDE Tool, Programming skills Temperature and humidity sensor interfacing, Embedded based feedback control of servo Motor.

## Achievers' Day

The School of EEE had organized 'Achievers' Day' under ELITE Forum on 12th April 2019 to recognize and award the achievements of students in the areas of academics, cultural, placements, sports and co-curricular activities. Dr. P. Shyama Raju, Chancellor, REVA University, addressed the students on the importance of daily improvements that lead to achievements. The program was also graced by Dr. S.Y. Kulkarni, Vice Chancellor, REVA University, who motivated the students to keep improving towards holistic development.

## FDP on "Patenting in Life Science"

The School of Applied Sciences had organized a Faculty Development Program on "Patenting in Life Science" on 11th May 2019. The technical session was conducted by Mrs. Brinda K Varma, Advocate and IPR Consultant, Aekam Legal, Bangalore. Faculty members of the School of Applied Sciences actively participated in the technical session and gained information about patenting rules and regulations.

## Expert Lecture on "Finite Element Method and its Future Applications"

The School of Mechanical Engineering had organized an expert lecture on "Finite Element Method and its Future Application" on 27th May 2019 for students and faculty members of Mechanical Engineering. Dr. Gino Duffett, Technology Project Manager NAFEMS, UK and Dr. Dilip K Mahanty, Vice Chairman, NAFEMS India were the resource persons. The lecture gave a very good insight and introduced the audience to the various emerging research areas in the field of FEM and its application.

## Inauguration of REVA University HAM Radio Club

The School of ECE inaugurated REVA University HAM Radio Club on 10th May 2019. The Chief Guest of the function was Sri Ramamurthy Suri, VU2MY, President and Founder (Emirates), National Institute of Amateur Radio, Hyderabad. Dr. P. Shyama Raju, Honorable Chancellor, REVA University presided over the function. The function was graced by Dr. S.Y. Kulkarni, Vice Chancellor, REVA University.

## Visit to Radio Fever 104



The School of Arts & Humanities had organized a visit to Radio Fever 104 studio for the 2nd Semester MA Journalism and Communication students on 11th April 2019. The visit was intended to provide students with required exposure to the working environment and practical knowledge. RJ Nikki interacted with the students and motivated them to learn more about the functioning of radio programs.

## Symposium on “Advances in Chemical Sciences”

The Department of Chemistry, School of Applied Sciences had organized a Symposium on “Advances in Chemical Sciences” in association with Poornaprajna Institute of Scientific Research, Devanahalli, Bangalore, on 9th April 2019. There were four special talks delivered by the scientists of PPISR on the recent advances in chemical sciences which was followed by a visit to Material Science and Catalysis Laboratory for hands-on experience of analytical instruments at PPISR for the MSc. Chemistry students, research scholars and faculty members.

The School of EEE had organized a SDP on “Electrical and Electronics Components Identifications and Circuit Building” from 8th to 13th April 2019 for 2nd semester students. The SDP was conducted by Mr. Nagaraj Hediya, CEO eNLiven Technologies. It was focused on components identifications, hands-on teaching for circuit building and measuring the output, soldering set up, different measuring devices used, basic regulator IC'S and circuit building.





# Programs offered by REVA University

## Under Graduate Programs

- **B. Tech**  
Computer Science  
Computer Science and Information Technology  
Electronics and Communication  
Electronics and Computer I Mechatronics  
Mechanical I Civil I Electrical and Electronics  
Electrical and Computer
- **B. Arch.**
- **B.A., L.L.B. (Hons)**
- **B.B.A., L.L.B. (Hons.)**
- **B.B.A**  
Industry Integrated I Honours I Aviation  
Enterprenurship I Retail Management
- **B. Com**  
Industry Integrated I Honours  
Capital Market
- **BCA**
- **B.Sc.**  
Mathematics, Statistics, Computer Science  
Physics, Mathematics, Chemistry  
Physics, Mathematics, Computer Science  
Mathematics, Computer Science, Economics  
Mathematics, Statics, Physics  
Biotechnology, Biochemistry, Genetics  
Biotechnology, Chemistry, Microbiology  
Biotechnology, Biochemistry, Microbiology  
Media Laboratory Technology (BMTL)  
Bioinformatics I Research
- **B.A.**  
Journalism, English, Psychology  
Political Science, Economics, Journalism  
Performing Arts, English, Psychology

## Research Programs

- **Ph.D.**  
Engineering I Management Studies  
Commerce I Science and Technology  
Arts and Humanities

## Post Graduate Programs

- **M. Tech.** (Full time and Part time)
- **MBA**  
Marketing I Finance I Human Resource  
Entrepreneurship I Media & Mass Communication  
Banking and Insurance  
International Business I Operation Management
- **MCA • M. Com • LL.M.**
- **MS in Computer Science**
- **M. Sc.**  
Biochemistry I Biotechnonology I Chemistry  
Mathematics I Physics
- **M. A.**  
English I Journalism & Communication
- **MPA** in Bharatanatyam I Kuchipudi  
Mohiniyattam I Odissi I Kathak
- **Diploma / PG Diploma Programs**
  - Diploma in Kuchipudi in Kuchipudi I Bharatanatyam  
Mohiniyattam I Kathak I Odissi I Theatre Arts  
Carnatic Music I Hindustani Music
  - Diploma in Plumbing & Irrigation Systems
  - Diploma in Medical Laboratory Technology (DMLT)
  - PG Diploma in Clinical Research Management in  
association with Clini India
  - PG Diploma in Functional Genomics and  
Bioinformatics
  - PG Program in Enterpreneurship &  
Construction Management



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