



# REVA UNIVERSITY

Bengaluru, India

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



## Newsletter

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“One ASSOCIATION  
for many GREAT  
CAREERS”

## 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”

## 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 organise 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

### Chief Patron:

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### Chief Editor:

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## From the Chief Editor's Desk

"A teacher affects eternity; he can never tell where his influence stops."

- Henry B Adams



The role of an educationist in shaping a society is significant. The responsibility on the shoulders of an educationist is substantial as they guide, motivate and inspire the student community to achieve greater heights. Teachers are instrumental in giving wings to the dreams of students and also inculcate in them a sense of pride of achievement. Hence, it is of greater importance for the ones in the field of education to update their knowledge constantly. Research, Innovation and Learning should become the motto of all educationists. Imparting knowledge and new ideas are possible only when we have novelty of thoughts. Thus, a teacher's mind can be called as a 'storehouse of knowledge' that needs continuous rejuvenation.

It is with this maxim that REVA University and its teaching fraternity functions. The relentless efforts of the teachers of the university in building the intellectual capital through various academic initiatives is appreciation worthy. The passion to excel and contribute to a healthier society drives my team at REVA. The events conducted over the past months hold a mirror to the concerns towards the society that the University nurtures. The educators in REVA University understand that any society can be transformed towards betterment through the student force. They believe that, 'Knowledge is Power'. Hence, educators in REVA take additional interest in moulding and preparing the students to be active participants and contributors to the society.

Once, the teachers open the doors of knowledge to students at REVA University, students are then motivated to test the acquired knowledge in numerous ways. The student community is driven to innovate, explore and participate in various curricular and extra-curricular activities that give them firsthand experience of the world outside the realm of university. However, they are also given an insight to be inclusive of the competitive world and to retain their individuality amidst an ocean of multitudes just like, how a plant absorbs the water, sunlight, minerals and yet retains its individuality of being a plant.

**Dr. S. Y. Kulkarni**

Vice-Chancellor  
REVA University

## Industrial Visit

The Department of Biotechnology, School of Applied Sciences, had organised an industrial visit for M.Sc. Biotechnology students to BioZeen Pvt Ltd, Bengaluru on 30th September 2019. The students were briefed about BioZeen and were later divided into four groups to see the manufacturing of proteins

and products as well as the methods involved in sterilisation, packaging and storing of products. The students were also taken to R & D laboratories where they interacted with the chief scientist in-charge.

## Site Visit to Brick Factory

The School of Architecture had organized a site visit to Brick factory near Jakkur Lake on 3rd October 2019. As a part of 1st semester curriculum students had a tour and got to see different parts of the brick manufacturing unit and they got to experience the process of brick manufacturing starting from preparation of clay, molding, drying to burning in brick kilns. Students also got to learn the process of concrete block manufacturing. The students learnt more about bricks as a building material, its properties, material composition and manufacturing techniques as the key take away from the visit. It also helped them to know about the technical details, role of air movement and types of molds used.



## Prize Winners in State Level Hackathon

Three students from the School of Computing and Information Technology - Mr. Sai Manoj (7th sem CSE), Mr. Shubham Baid (5th sem CSE) and Mr. Rupera Jalay Rajeshbhai (5th sem CSE) - participated in SENTINEL HACK 2.0 – a 24-Hour State Level Hackathon organized at K. S. Institute of Technology, Bengaluru on 12th and 13th November 2019 have won 2nd Prize in the Hackathon and received cash award of Rs. 15,000/-

## Guest Lecture on “Self Development”

A guest lecture on “Self-Development Life lessons” was held on 17th October 2019 by the School of Commerce and Management Studies. The resource person was Dr. Dharm P S Bhawuk, Professor of Management, Culture and Community Psychology. The lecture was organized to provide the students with an opportunity to develop themselves to manage in the corporate. The session covered topics like setting of goals, qualities of an entrepreneur, management of stress, boosting of confidence level and being aware of one’s SWOC.

## Workshop on IoT Club Activity – “IoT Basic Module”

A One day Workshop on IoT Club Activity – “IoT Basic Module-1” was conducted by School of CSA on 12th October 2019 for the members of IoT Club. Mr. Kabeer Ahmed, REVA Alumni, IoT Trainer and Senior Service Operations IBM, Bengaluru, was the resource person. This workshop was intended for the students seeking future in Embedded and Robotic Industry. Students gained knowledge on IoT basics, current trends, scope and latest IoT models used in various sectors.

## Technical Talk on “5S and Kaizen Implementation”

The School of Mechanical Engineering had organized a technical talk for 7th semester B.Tech. students on “5S and Kaizen implementation” on 10th October 2019. Around 210 students attended the technical talk by Mr. K. Amul Chander, 5S Champion and Expert Corporate Trainer, ACE Designers Ltd., Bengaluru.

## Inauguration of Centre of Excellence in “Microelectronics and IoT Systems”

The School of ECE inaugurated a Centre of Excellence in “Microelectronics and IoT Systems” in collaboration with NXP Semiconductors, India on 31st October. Mr. Andrew Turley, Senior Director and Innovation Manager, Automotive Business Line, NXP Semiconductors, Netherlands was the chief guest. Mr. Jwalant, Director of HW, Automotive Business Line and Mr. Hitesh, Director of Analog IPs and Bangalore Site Manager also graced the occasion.

## Legal Aid Outreach Programme

The REVA University Legal Aid Committee of the School of Legal Studies conducted a Legal Aid Outreach Programme on 11th of January 2020 at Kommasandra Village, Devanahalli Taluk, Bengaluru Rural District. A group of sixty eight students had participated to conduct a survey and collect data with regard to various issues and problems that are being faced by the villagers residing in the village. Also, students created awareness among the villagers about the various rights and government schemes that they are entitled to. The students in this outreach programme had covered almost 300 houses and procured information with regard to any problem that are being faced by the villagers and provided free legal consultation.

## Activities of ELITE Students Forum

The School of EEE had organized Poster Making, Painting and Sketching Competitions under the ELITE Students Forum 2019 in association with social outreach club for students of EEE with Global Warming as the theme on 1st October 2019.





## Guest Lecture on “Digital Marketing - the changing dynamics”

A Guest lecture on “Digital Marketing – The Changing Dynamics” was organised for the third semester MBA students of marketing specialization on 3rd October 2019. The aim of the session was to orient the students towards the industry perspective of digital marketing by bridging the gap between the theoretical aspects and industry perspective. About 120 MBA Marketing students attended the session. The resource person, Mr. Venu, has over 21

years of experience in industry which includes around 8 years of experience and expertise in digital marketing. The lecture focused on how one needs to focus on product, category and brand buckets to create a good content for selling one’s brand. He also focussed and drew students’ attention towards how one can understand data and how with the help of data, can successfully create a niche market in the minds of customers.

## Do Not Drink and Drive Campaign

The students and faculty members of the Department of Media Studies, School of Arts and Humanities, in association with The Deccan Herald and Prajavani went on a campaign for the cause of spreading awareness among people especially during this New Year about “Do Not Drink and Drive”. This was conveyed by a street play and a rally by the students. The campaign was held at six venues including Koramangala, Indiranagar, Vidhana Soudha, Jayanagar, MG Road and Malleshwaram.

All the students and faculty members put forth their sincere efforts and creativity into making this a successful event. The crowd everywhere encouraged the enthusiasm, spirit and energy of the students. The students encouraged crowd participation in the campaign by asking them to take a pledge along with them. This socially conscientious activity of the Media Studies students was recognized by Public News Channel and they were given the opportunity to speak about the cause.



## Kannada Rajyotsava Celebration

REVA University celebrated Kannada Rajyotsava on 1st November 2019 in a befitting manner. There was a vibrant cultural performance by the students of the School of Performing Arts. The Naada Bhakti Geethe, “Udayavaagali Namma Cheluva Kannada Naadu”; a Kathak piece composed on a poem by the celebrated Kuvempu; a folk dance presentation a colourful composition on the patron deity of Karnataka, Goddess Chamundeswari were some of the most applauded performances during the occasion.





## Field Visit to Nelamangala Power Substation

The School of Electrical and Electronics Engineering had organized a field visit to Nelamangala Power Substation, Bangalore on 5th November 2019 for 3rd semester students. Students were briefed about the significance of various substation equipment like circuit breakers, current transformers, potential transforms, isolators, wave trappers, lightning arrestors, bus bars, etc. The single line diagram was explained and students could practically see the position of breakers and isolators. Overall the visit gave exposure to the students to visualize various substation equipments and their positioning which helps in relating to the theoretical concepts.

## Technical Talk on “5S and Kaizen Implementation”

The School of Mechanical Engineering had organized a technical talk for 7th semester B.Tech. students on “5S and Kaizen implementation” on 10th October 2019. Around 210 students attended the technical talk by Mr. K. Amul Chander, 5S Champion and Expert Corporate Trainer, ACE Designers Ltd., Bengaluru.

## SDP on Microsoft Certification on “Python Programming”

A four day workshop on Python Programming was organized for students of V-B.Sc (R) by the School of CSA from 14th to 17th October 2019. The resource person was Mr. Ritesh Kutty. This program helped students in boosting their confidence with programming, in particular with the Python programming language. This program provided a platform for the students to learn from the basics of writing and running Python scripts to more advanced features such as file operations, regular expressions, working with binary data, and using the extensive functionality of Python modules.

## Workshop on “Blockchain Technologies”

The School of Computing and Information Technology had organized a one day workshop on “Blockchain Technologies” on 16th October 2019. The main objective of the session was to provide a deep knowledge and demo on implementation of blockchain. The workshop was conducted by Mr. Prakash Malmurgan, a certified Blockchain expert by Blockchain Council and a certified Oracle Enterprise Planning and Budgeting Cloud Specialist by Oracle University.



## Industrial Visit to CSIR-CIMAP

The Department of Biochemistry, School of Applied Sciences, organized an industrial visit for 3rd Semester M.Sc. Biochemistry students on 24th September 2019 to CSIR-CIMAP Research Laboratory at Allasandra, Yelahanka, Bangalore. The students were exposed to PCR and its working model along with other instruments.

## Intra Moot Court Rounds

The Moot Court Society of School of Legal Studies, REVA University organized its annual Intra Moot Court Competition for its budding lawyers pursuing BA/BBA LL.B. programme on 22nd January 2020. A total of 54 teams participated in the competition. The MCS announced the ranks of the teams scoring maximum marks in oral arguments and in drafting of memorials and also declared top speakers of the Moot Court Competition. The MCS will send the students to represent the law school at other National Moot Court Competitions based on the rank they secured in the Intra-college Moot Court Competition.

## Talk on IPR and Copyrights

The Department of Biotechnology, School of Applied Sciences, organized an interactive session on IPR in the field of Life Sciences on 25th September 2019. The session was conducted by Ms. Arshiya Ambreen, Corporate Executive and Trainer, REVA University. The resource person threw light on different types of Intellectual Properties and gave examples so that students could comprehend easily. She also briefed about the process involved in the documentation of patents. A similar talk by Ms. Arshiya Ambreen was arranged for the students of the School of ECE on 12th October 2019.

## Study Visit to Divyashree Chambers

A site visit was organized by the School of Architecture to study the office interiors at the 8th floor of Divyashree Chambers for the students of VII Semester on 12th October 2019. The interiors were innovative with impressive design and showcased the use of most recent materials. Mr. Praveen of Divyashree Group elucidated the interior details of the office space. The students were enthusiastic to understand the details of office space interiors.



## Guest Lecture on “Investment and their relevance in today’s world”

To commemorate the World Investors’ Week, a guest lecture on “Investment and their relevance in today’s world” was organised to bring in awareness amongst the students about the different avenues of investments. The resource person was Mr. Nakul Maheshwari, HDFC AMC. He gave an insight into the different forms of investments and why it becomes important to save. The speaker also brought the fact that investments in yesteryears was all in the form of valuable metals. The discussion was about the risk and return that one makes if they make any investment in various avenues. In-depth explanation was given by the speaker on the advantages of making investments in mutual funds.

## Skit on Swachh Bharat

On 12th December 2019, the students of the School of Performing Arts presented a skit at Shettigere, an adopted village of REVA University on the theme of Swachh Bharat. The skit highlighted the importance of hygiene, restrooms and cleanliness to society for a healthy and holistic lifestyle.

## Intra Moot Court Rounds

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## Technical Talk on “Current Trends in VLSI Design and Verification”

The School of ECE organized a technical talk on “Current trends in VLSI Design and Verification” on 28th November 2019. The resource person was Mr. Sai Krishna CEO, Ohmic Technologies, with more than 10 years of industry experience in VLSI design and Layout design. Around 20 M. Tech.-VLSI Design and ES students participated in the talk. The technical talk focused on basics of VLSI Design and Verification, VLSI EDA design flow, methodology and career opportunities.

## World Architecture Day 2019

The School of Architecture organized World Architecture Day 2019 on 14th October 2019 to celebrate the scope and spirit of architecture. The day is traditionally celebrated globally on the first Monday in October to coincide with the United Nations' World Habitat Day. Every year, the Union of International Architects selects a new theme for the day and encourages its members to link their events and activities to the current year's theme. This year's theme is “Architecture-Housing for all”. The chief guest of the event gave a lecture on the same topic. The student achievers of 2019 of the school were awarded and felicitated during the event.



## HACKFEST 2019

From 2nd to 4th November 2019, the School of Computing and Information Technology with an aim of encouraging and providing a platform for students to showcase their talents and innovative ideas in developing projects through coding and using latest technologies, organized its fifth edition of Hackathon - “HACKFEST 2019”, a 48-Hours National Level Hackathon with the themes: Theme #1: IoT and Mobile Apps for Innovative Solutions to Global Warming and Theme #2: Mobile Apps/Web Apps for REVA University.

## Literature Review Workshop Series-2

The Literature Review Series-2 was organised by School of Commerce on 30th November 2019. The resource person for the event was Prof. Bramhani Rao, Assistant Professor, NITTE, Bangalore. The main objectives of the workshop were identifying research area for Doctoral studies, preliminary exploratory research for problem identification, generating synthesis grid, research / literature synthesis, narrative reviews, systematic reviews and meta-analysis, end-to-end discussion on considerations for research proposal preparation and alignment of research proposal to journal publications and final thesis.

## Heritage Walk through Shivaji Nagar

The School of Architecture, REVA University had organized a heritage walk on 16th October 2019 for Students of 5th semester B. Arch. as part of an elective course on Vernacular Architecture where they study the vernacular styles across India and the World. The heritage walk was aimed as an exercise to identify buildings with a vernacular character in the area covering Kamaraj Road to Chandani Chowk. Some main nodes and landmarks like Russell Market, Ekamreswara temple, Chandani Chowk, Taj Circle and Richards square were observed. Students were grouped to observe facades, architectural features, materials of construction, street setting, transitional spaces and locate the building accurately on the street. The students realized the value of preserving heritage buildings that reflect the vernacular style of the region and giving it a completely new use, thus bringing commercial value to the property.

## Hands-on Session on IoT

The Network Club of the School of Computing and Information Technology conducted a Hands-On session on Internet of Things on 19th and 20th December 2019 for M.Tech. 1st semester students. The Internet of Things refers to the ever growing network of physical object that feature an IP address for internet connectivity and communication that occurs between these objects and other Internet enabled devices and systems. IoT encourages the communication between devices and is also famously known as Machine to Machine communication (M2M).





## Industrial Visit to ITC Foods, Malur

About 60 students of 5th Semester B.Tech. Mechanical Engineering were taken to ITC Foods, Malur. This industrial visit to ITC Foods made the students to understand the various types of machineries used for automated food processing, packing etc. The students are also exposed to the material conveying system for packing to storage through belt conveyer of about 0.75 km.



## Participation of Students at Alagui Fest

REVA University bagged first place in the classical dance solo category and second place in the overall team event in dance at the prestigious competitions of Association of Indian Universities South-zone, at Alagui Fest, Karaikudi held from 17th to 22nd December 2019. Ms. Nayana M.V., a student of the School of Performing Arts bagged the first prize in the classical dance category through her scintillating Kuchipudi dance and booked a berth in the national level competitions which will be held in Delhi.



## FDP on “Experiential Learning using National Instruments LabVIEW Software”

The School of ECE has organized a Faculty Development Program on “Experiential Learning using National Instruments LabVIEW Software” on 18th and 19th December 2019, in association with Starcom, National Instruments Academic Partner. Mr. Jaison John, Technical Support Engineer, Starcom, NI Academic Partner was the Chief Guest. The FDP covered hands-on session on navigating through LabVIEW, control palette, data types, subVIs, Debugging a VI, graphs, arrays, loops, shifts, registers, tunnel clusters, state machine programming, and building exe file. Training was given on the basics of control design and simulation, control system experiments and communication module.

## Workshop on IoT Club Activity – “IoT Basic Module”

On 26th October 2019, a one day Workshop on IoT Club Activity – “IoT Basic Module-1” was conducted by School of CSA for IoT Club Members. Mr. Kabeer Ahmed, REVA Alumni, IoT Trainer and Senior Service Operations, IBM, Bengaluru was the resource person. The aim of this workshop was to impart knowledge about the real time applications of IoT among students. Students were provided with all the physical tools required for building their projects on IoT.



## Social Outreach Program

As part of Mahatma Gandhi’s 150th birth anniversary, the School of Mechanical Engineering had organized a social outreach programme to Mylappanahalli and Avalahalli villages. Staff and students organized a cleaning and awareness programme at the villages through Plogging (Plogging is a combination of jogging with picking up litter). Mr. Damodar, PDO, Singanayakanahalli gram panchayat, gave a talk on the importance of “Swachh Abhiyan” and also appreciated students of REVA University joining hands for this great cause.



## Talk on Interdisciplinary Research Avenues

The Research and Innovation Council of REVA University arranged for a presentation on “Interdisciplinary Research Avenues” by bringing together the faculty members of the various schools of Engineering and Technology and the school of Applied Sciences. Dr. Rajee Siddiraju Upendra, Associate Professor, Department of Biotechnology, School of Applied Sciences, gave an insightful presentation on the need, challenges, thrust research areas and possible avenues of interdisciplinary outcome based research collaborations between streams of Biotechnology with other Engineering disciplines.

## SDP on Design and Development of Embedded Systems

The School of EEE had organized a two day Skill Development Program on “Design and Development of Embedded systems” from 6th to 13th November 2019 for 5th semester students. The program was conducted by Mr. Nagaraj Hediyaal, CEO, eNLiven Technologies, Bangalore. The hands-on training was focused on Design Specifications, Introduction to Design of Buck, Boost and Buck-Boost converter, DC LED circuits, Mobile Charger circuit, Design of LED bulb driver and power switch.

## International Conference on “Recent Advances in Applied Sciences” (ICRAAS – 2019)

The School of Applied Sciences organized an International Conference (ICRAAS-2019) on 17th and 18th of October 2019 on the theme “Recent Advances in Applied Sciences”. Around 650 delegates from various institutes participated during the conference and 25 eminent research experts delivered talks in their fields of expertise. Papers were presented in the various technical sessions. The conference also gave opportunity to participants to present their works in the form of posters.



## Two Day Skill Development Program

The Skill Development Center of the School of Management Studies organized a 2-Day Skill Development Program for the 1st Semester BBA (Entrepreneurship) on 23rd and 24th October 2019. The program objective was to expose the students to the real world of business with a quality interaction with the successful entrepreneurs. On the day 1, Sri. H S Shyamsundar, the CEO of PCS-HR Future Orbit, engaged the students with effective interaction, focusing on the topic ‘Charms of being a successful Entrepreneur’. On the day 2, there was a panel discussion with two successful entrepreneurs. One was Sri. Kartik, the founder of ‘Ayurvedic’ and the other entrepreneur was Smt. Neelima, the CEO of Tarah AI. Both of them carry a sound track record, with a combined entrepreneurial experience of more than 30 years. The guests appreciated the initiatives of the university towards building an effective entrepreneurial ecosystem through these kinds of activities.

## Technical talk on “Data Science, Analytics-basics, applications and career opportunities”

The School of ECE had organized a technical talk on “Data Science, Analytics-basics, applications and career opportunities” on 25th October 2019. The resource person was Mr. Vikram C S with more than 14 years of Industry experience in Data Science, Machine Learning, Data Modeling, ETL and Business Intelligence. Around 120 students from the School of ECE attended the technical talk which focused on Basics of data science and analytics, application of analytics, methodology, and career opportunities.

## Workshop on Alternative Roofing System

The School of Architecture conducted a workshop on Alternative Roofing System on 4th, 13th and 18th of November 2019 at CST, IISc Campus, Bangalore. This workshop on alternative roofing system was to enhance the knowledge of students on Special Roofs. The workshop was organized with an insight to offer experiential learning of construction techniques outside the classroom and to provide practical exposure of the subject to the students. The students understood the significance of the alternative roofing system and its sustainability, they also recognized construction techniques and intricacies involved in the construction of the same.

## Industrial Visit to NTTF, Peenya

The School of Mechanical Engineering had organized an industrial visit to NTTF-Peenya, Bangalore on 18th October 2019 for 40 students of 3rd Semester B.Tech. NTTF established in the year 1959, has spread across India in 16 states. NTTF has been contributing to technical skill development of the Indian youth and nation building from the last 60 years. NTTF also offers New Age Technology Corporate Training and Certificate for short term programs for working professionals and students.



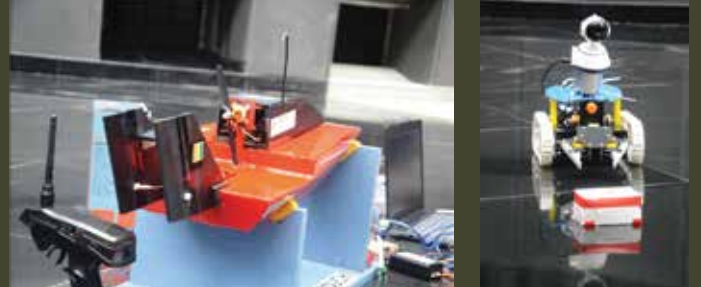
## Coding Contest

The School of Computing and Information Technology organized a coding contest – “Code to Compete (C2C-2019)” for Inter PU students on 12th October 2019, to create awareness of coding for the PU students. Around 20 different teams from various PU Colleges participated in the competition.



## BizEE BEE Project Demonstration - 2019

The School of Electrical and Electronics Engineering, REVA University organized the BizEE BEE Project Demonstration - 2019 on 18th November 2019. The judges for the program were Shri R S Hiremath, CEO, Flexitron, Bangalore and Dr. Shivakumar Aradhya, Former Director, CPRI Bangalore and Professor, Acharya Institute of Technology, Bangalore. The BizEE BEE Project Demonstration focused on creating a platform for the students to demonstrate their project works and to interact with experts from the respective domains. Around 170 projects were demonstrated by the students.





### Industrial Visit to Genotypic Technologies Pvt. Ltd

The Department of Biotechnology, School of Applied Sciences, had organised an industrial visit for 2nd year B.Sc. students to Genotypic Technologies Pvt. Ltd. Bengaluru, on 19th October 2019. During the visit students were asked to assemble in the Training Room where the technical head gave them a brief introduction to Genotypic technology and showcased the company's services, products, research and training providing to the customers. Students also visited different laboratories, which contained next generation sequencing instruments, PCR instruments, Microarray instrument, and Microarray Scanners.



### Field Trip to TERI

The School of Architecture had organized a field trip to TERI, Southern Region center Bengaluru, to facilitate the study of energy efficient building for students of 5th Semester on 4th November 2019. At TERI, Ms. Vini Halve guided the students and explained about all the major solar passive features in the building. Students were excited to see how a building can work as a climate responsive machine and save up to 65% of energy requirement as compared to conventional buildings.



### Session on "Career Opportunities in Japan"

A technical session on Career Opportunities in Japan was organized for V MCA and I MS Semester Students by School of Computer Science and Applications on 7th November 2019. Dr. Pramod, Senior Vice President, Eduwork, Japan, was the resource person. The objective of this session was to update students by providing information on career opportunities, technology, culture and facilities in Japan. Students also gained knowledge on right skill set required to make them job ready.

### Intellectual Property Right - Significance in Research

The School of ECE in association with IPR Cell, UIIC, REVA University conducted a session on IPR on 8th November 2019 for the students of M.Tech, research scholars and faculty members. The training was conducted by Mr. Suraj N, Founder and CEO, Drona Automations Pvt. Ltd., Bengaluru. The main purpose of the training was to impart skills on Patent and Copyrights.

### Guest Lecture on "Venture Capital"

A Guest Lecture on "Venture Capital" was organized for students of MBA (Finance Specialisation). The session was headed by Mr. Sanjay Shukla. The session's main emphasis was on the Venture Capital funding. He explained that the Venture capital is money provided by professionals who invest alongside management in budding entrepreneurs, rapidly growing Startups that have the potential to develop into significant economic contributors. He spoke about various types of funding and also gave tips to students on how they can work on their business ideas and look for investors.

### Technical Talk on "Intellectual Property Rights"

On 8th of November 2019, the School of Computer Science and Applications organized a technical talk on Intellectual Property Rights for IV MCA and IIMS Students. The resource person was Ms. Arshiya, Corporate Executive Trainer, REVA University. She explained students the importance of IPR in the present scenario, the history of copyrighting, followed by its different types and the dual role played by copyrights. The talk gave a clear idea about the different rights granted by copyright such as the economic and moral rights, about right of paternity and right of integrity which comes under the moral rights.

### Technical Talk on "Applications of LabVIEW in Core Engineering"

The School of ECE had organized a technical talk on "Applications of LabVIEW in Core Engineering" on 17th October 2019. The resource person of the technical talk was Mr. Sunil Kumar V, CEO, VI Solutions, Bangalore. Around 50 students from the School of ECE attended the talk. This talk focused on the importance of Core Engineering, introduction to LabVIEW, advantages of using LabVIEW, and demonstrated the LabVIEW tool with examples.

### Workshop on Robotic Process Automation

The School of Computing and Information Technology had organized a workshop on Robotic Process Automation on 16th November 2019 for 3rd semester UG students. The hands-on workshop emphasized on installation of academic alliance edition of UiPath RPA Tool, demonstrating recording process, demonstrating screen scraping process and so on.

### Talk on "The Challenges and Opportunities for students to pursue Higher Studies in Abroad"

The School of EEE had organized a talk on "The challenges and opportunities for students to pursue higher studies abroad" on 22nd November, 2019 for the students of 5th semester School of EEE. The talk was delivered by Ms Chaitra Bhat B, Application Engineer, Panasonic Electric Works Europe, Germany.

## Project Based Learning on Robotics

The School of Mechanical Engineering had organized an industrial visit to NTTF-Peenya, Bangalore on 18th October 2019 for 40 students of 3rd Semester B.Tech. NTTF established in the year 1959, has spread across India in 16 states. NTTF has been contributing to technical skill development of the Indian youth and nation building from the last 60 years. NTTF also offers New Age Technology Corporate Training and Certificate for short term programs for working professionals and students.



## Interactive Session on Stock Trading

On 14th November 2019, a session on live trading demo and a trading activity was conducted for the students of 3rd Semester MBA Finance. The session was conducted by a team from Federal Capital Markets Pvt. Ltd, Bangalore led by Mr. Bibby Abraham Thomas, Head-Operations. The session was started by Ms. Srishti of Federal with an introduction as to what is the meaning of investments and why one should make investments.

## Demonstration on Portable Fibre Optic Spectrometer

On 26th September 2019, Mr. Sanjeev Kumar, technical engineer from Spectral Instruments System, Gurgaon, visited the Department of Physics, School of Applied Sciences and gave a demonstration on Portable Fibre Optic Spectrometer (Part No. BIM-6210) for the measurement of absorption, transmittance, fluorescence, irradiance, and colour coordinates. He also presented the different light sources for the use of photo synthesis and solar simulations.

## Ergonomics Workshop

The School of Architecture conducted a 2-Day Workshop between 8th and 16th November 2019 for 1st semester students, as a part of their curriculum on Anthropometry and Ergonomics for Basic Design Studio. The workshop started with lecture on Ergonomics and Anthropometry, different comfortable seating angles were illustrated using Ergonomic Seater angle measuring Device. Students started with design of a chair/seater with a block of thermacol. Their end product illustrated both comfort and ergonomic design. This workshop helped students to understand the physical stresses that might be associated with an activity, which include repetitive motion, working in awkward position and so on.

## Site Visit to Versatile Ventures

A site visit was organized by the School of Architecture to study the latest range of interior materials being used for flooring and cladding exhibited in the showroom of “Versatile Ventures”, for the students of VII Semester on 7th November 2019. The students were exposed to a variety of materials and wall finishes, including different types of timber flooring, Corian solid surfaces and lighting automation, including their constituents and practical usage. They also learnt about the positive and negative attributes of these materials as well as the cost implications.

## SDP on “Machine Learning Using Python”

The Computational Intelligence Club in association with School of Computing and Information Technology conducted a One-day Student Development Programme on “Machine Learning using Python” on 8th November 2019. The objectives of the SDP were to help students to take up projects in the areas of Machine Learning, explore few machine learning techniques to solve problems and to implement few machine learning algorithms using python.



## Talk on “Preparation for Placements”

The School of EEE had organized a guest lecture by an industry expert on “Preparation for Placements” for 5th Semester students on 21st November 2019. The talk was delivered by Mr. Deepak, a HR professional with 16 years of progressive experience in building and nurturing engineering teams for matured IT organizations and hi-tech product development ecosystems.



## Industrial Visit to NAL

The School of ECE had arranged an Industrial Visit to CSIR-National Aerospace Laboratories, Hal Airport Road, Bangalore on 5th November 2019, for the students of 3rd Semester B.Tech. Mr. A Somanarayanan, in-charge, Visits, KTMD CSIR-NAL, Bangalore, welcomed the gathering and guided the students with initial presentation of the company and demonstrated the vision and mission of NAL. Students were exposed to knowledge regarding the Wind tunnel Centre, Acoustic Test Facility, Centre for Civil Aircraft Design and Development and UAV Design and Integration Division.



### Industrial Visit to Genei laboratories Pvt. Ltd.

The Department of Biotechnology, School of Applied Sciences, had organised an industrial visit for M.Sc. 1st year Biotechnology students to Genei Laboratories Pvt. Ltd, Peenya, Bangalore on 16th October 2019. Students were divided into three groups for better visualization of the instruments and facilities. Dr. Hemalatha V., General Manager, Technical Services addressed the first group and briefed the students about the company's activities and their expertise. The second group accompanied by Dr. Bindu, genomics expert, visited the Genomics division located and the third group accompanied by subject expert, visited the Proteomics division located in the second floor. Students got an opportunity to see the world class research facilities.



### Talk on "Career Opportunities in the Field of CAE & NVH"

The School of Mechanical Engineering organized a talk on "Career Opportunities in the Field of CAE and NVH" on 24th October 2019 for 1st and 3rd semester M.Tech. students. The resource person was Mr. Saidappagouda Telsang, Senior CAE and NVH Engineer at Creative Synergies Group working for General Motors Technical Center, India



### SDP on "Microsoft Certification-Python Programming"

From 11th to 14th of November 2019, a four-day skill development programme was conducted by the School of Computer Science and Applications for Students of III MS-CS Students. The resource person was Ritesh Kutty. The FDP provided an insight into the concepts of Python which is a widely used general-purpose and high level programming language. The hands-on session was provided to the students to enhance their knowledge on how arrays, lists, string functions, control structure, and file manipulation work.

### Alumni Interactive Session

On 14th November 2019, Ms. Srishti, a 2019 BBA passed out student was invited to share her experiences of her exposure and her initial experiences at a leading stock broking house in the city of Bangalore. The session was planned for the final year MBA students to give them the flavour of how it will be to work in different kinds of service oriented companies. Ms. Srishti is currently working as a management trainee in Federal Capital Markets Private Limited. Ms. Srishti spoke about her experience of working as a management trainee at Federal and shared her experience about a short tenure that she has gone through.

### Talk on Patent Awareness

The IPR Cell, UIIC, REVA University, in association with the School of Architecture has organized and conducted a session on "Awareness of Patent, Copyright and trademark secrets" on 8th November 2019. Trainer Adv. Arshiya Ambreen explained the technical and complicated process of patenting and its necessity through metamorphic references from several day-to-day life events and stories from Indian mythology, which made the session interactive and much easier for the students to comprehend. Students not only learned the necessary features for an idea to be considered for patent but also apprehend the basic criteria before filling for patent.

### Technical Talk on the Art of Probing Early

The ISF CLUB (IETE Students Forum) from School of ECE had organized a talk on "The Art of Probing Early (Starting research journey at UG level)" for first year students on 12th November 2019. The talk was delivered by Dr. Mohammed Riyaz Ahmed, Associate Professor, School of ECE. The talk emphasized on research at UG level and awareness about professional bodies like IETE.



## Guest Lecture on “Social Bonds and its role in Stress reduction”

The Department of Psychology, School of Arts & Humanities, had organized a guest lecture on “Social Bonds and its role in Stress reduction” on 15th October 2019. Dr. Anke Karl from University of Exeter, U.K. delivered the guest lecture. She emphasized on the impact of stress on our body and physiological changes associated with emotional states. She highlighted her experimental research findings on impact of self-compassion and self-criticism on our physiological functioning. She provided information about her university and course offered in Exeter University and clarified students about admission eligibility criteria for various programmes.

## Technical talk on “Industrial Automation and its need for Mechanical Engineers”

The School of Mechanical Engineering organized a talk on “Industrial Automation and its need for Mechanical Engineers” on 4th November 2019 for 5th Semester students. Around 150 students were benefited from the talk. The resource person was Mr. H.S. Shivashankar, Senior Engineer at Prolific Systems Private Limited, Bengaluru, India. He gave an overview of Field Instruments, hardware control and software control and its application in closed loop monitoring and control in various processes. He also stressed upon the importance of academic projects and gaining knowledge through projects.



## Atmatva – A Quest for Knowledge

The WIMS [Media & Dramatics] Club and students of 1st Semester from the School of Architecture had organized an Environmental Quiz “ATMATVA” – a quest for knowledge on 14th November 2019. Dr. Siva Jagannathan addressed the students giving an insight into the role of Architects in minimizing the use of resources which will reduce the carbon footprint and preventing the environment from global warming. The Quiz consisted of four rounds, the first round with MCQ followed by Pictionary and video round, the last was rapid-fire round; the questions were exclusively related to environment.



## Inauguration of University Membership Activities of “Tribology Society of India” (TSI)

The School of Mechanical Engineering has opened a student chapter of Tribology Society of India and the inauguration of “University Membership Activities of Tribology Society of India” was held on 31st October 2019. The chief guest was Dr. Satish V Kailas, Vice President of TSI and Professor at Mechanical Engineering, IISc, Bengaluru. The application of Tribological practices can protect and enhance the life of plants and machinery, improve efficiency of operations, reduce energy consumption and prevent expensive breakdowns. Major organizations and academic institutions in the country have realized the importance of Industrial Tribology and its relevance to modern design and efficient plant maintenance.

## SDP on “Microsoft Certification-HTML and CSS”

A four day Skill Development Program was conducted from 14th November 2019 to 19th November 2019 for the Students I BSc (Honors) A and B by the School of Computer Science and Applications. The resource person was Mr. Ritesh Kutty. Students were introduced to the concepts of HTML and CSS. Students learned how to perform simple tasks such as creating a basic web page, adding images, changing colors, and constructing lists, while in the CSS section they learned how to apply styling to a website through CSS and learn how to beautify your web pages.

## Workshop on “Academic English Writing”

A workshop on Academic English Writing was conducted on 30th November 2019 by Dr. Shalini Chandra. The workshop gave an insight about the importance of academic English for writing effective academic paper to be published in UGC listed journals. The first session was on different writing strategies which highlighted the difference between narrative, descriptive, imaginative, hypothetical and reflective essay styles. In the second session, the concept of sentence clarity, sentence combining and Parallelism were discussed. Proper usage of hedges, placing modifiers at the right place in the sentence, when to use active voice and passive voice to avoid plagiarism were elaborated with proper examples.

## SDP on Microsoft Certification - DBMS

A four day skill development programme was conducted by the School of Computer Science and Applications from 18th November 2019 to 21th November 2019, for students of I MS Semester. The resource person was Ms. Shahanas M. The objective of this program was to introduce the concept of database management systems, with an emphasis on how to organize, maintain and retrieve data efficiently, and effectively. Students learned about the basic concepts of relational data model, entity-relationship model, relational database design, relational algebra and SQL.

## Talk on “The Exotic Stars: Extreme Helium and R CrBs”

On 31st October 2019, the C. V. Raman Club of the Department of Physics, School of Applied Sciences, had organized an invited talk on “The exotic stars: Extreme Helium and R CrBs” by Dr. Gajendra Pandey, Associate Professor from Indian Institute of Astrophysics (IIA), Bangalore. The talk emphasized on formation of stars, Hydrogen fuel based stars, Helium based stars etc. both from theoretical and experimental aspects. The speaker also informed the students about the possibilities of internship and Ph.D. programme at IIA for M.Sc. as well as B.Sc. students.



## Industrial Visit to Autoliv India Pvt Ltd.

The School of Mechanical Engineering had organized an industrial visit to Autoliv India Pvt Ltd. on 15th November 2019 for 5th semester B.Tech. students. Autoliv develops manufactures and markets airbags, seatbelts and steering wheels. Their products are sold to all leading car manufacturers worldwide. Staying close to customers, Autoliv has a superior global presence and operations in 27 countries. They claim that every year their products save more than 30,000 lives and prevent ten times as many injuries.



## SDP at BIOZEEN

The Department of Biotechnology, School of Applied Sciences, had arranged a five-day skill development program on “Microbial Fermentation” and “Downstream Processing” from 21st to 25th October 2019 for third semester PG students of M.Sc. Biotechnology. The SDP was conducted by at BiOZEEN by Ms. Elizabeth Eldo. The students acquired detailed knowledge on various techniques and process on “Microbial Fermentation” and “Downstream Processing”.



## Talk on International Internship And Volunteering Possibilities

The School of Architecture had arranged a talk on “International Internship and Volunteering Possibilities” for architecture students through AIESEC for the students of 5th Semester on 14th November 2019. Mr. Tejaswar, representative of AIESEC, elaborated the possibilities of various internships and volunteering work abroad. He illustrated the types of project done for the scheme through AIESEC. Various financial support options were also suggested.

## Skill Development on “Basic Autocad”

As a part of Skill Development Programme, the School of Mechanical Engineering offered a 4 days’ workshop on Basic AutoCAD in association with CADD CENTER. The workshop was scheduled from 13th to 16th November 2019.



## SDP at Cell Kraft

The Department of Biotechnology, School of Applied Sciences, had arranged a five-day skill development program on ‘Molecular Techniques for Microbial Identification’ from 21st to 25th October 2019 for third semester PG students of M.Sc. Biotechnology at Cell Kraft. The SDP had been very helpful as the students were allowed to use various instruments, apparatus and developed their skills as per the demand of basic Biotechnological companies.

## Guest Lecture on “What Makes a First Generation Entrepreneur Successful?”

A power packed guest lecture on “What Makes a First Generation Entrepreneur Success?” was organized on 18th December 2019 for BBA Entrepreneurship 4th Semester students and faculty members of the School of Management Studies, REVA University. The lecture was delivered by Ms. Rashmi Shetty, a start-up entrepreneur and eminent speaker, and was aimed at inspiring the students towards the concept of entrepreneurship, entrepreneurial abilities and first-generation entrepreneurial success. Ms. Rashmi spoke about her entrepreneurial journey and challenges faced in her endeavor. She gave an introduction on her business venture - “Skill Cluster”, its vision, mission and achievements and spoke about the leadership qualities needed and challenges to be faced in the journey.

## SDP on “Python Programming”

A SDP on Python Programming was organized by the School of Computer Science and Applications for III MCA Students from 21st November to 24th November 2019. Mr. Guru Raj K.S was the resource person. The SDP provided an insight to the concepts of Python which is a widely used general-purpose and high level programming language. The hands-on session was provided to the students to enhance their knowledge on how arrays, lists, string functions, control structure, and file manipulation work. The programme was thoroughly informative and students were updated on the most widely used technology.

## Best Idea and Business Plan Competition

Sattva-Entrepreneurship Development Club, School of ECE, had organized a Best Idea and Business Plan Competition on 18th October for the students of B.Tech., School of Electronics and Communication Engineering. 6 teams participated in the competition.



## ARDF – RADIO SPORTS – FOX HUNTING

ARDF – Radio Sports – Fox Hunting was organized by REVA HAM Club, School of ECE on 17th November 2019. Over 45 Teams with 118 participants participated. The guests of the event were Shri K. Srinivas, IAS Commissioner for Youth Empowerment and Sports, Government of Karnataka, Mr. Ramesh Kumar, VU2LU President - ARSI, Mr. Ram Mohan, VU2MYH Director-NIAR, Mr. B.A. Subramani, VU2WMY from Upagraha Amateur Radio Club, ISRO, Dr. R.V. Siva Reddy, VU3UFF, and Founder HAM Club REVA University, Dr. Rudrayya Hiremath-VU3IGP Chairman, Indian Public School, Sri R.J. Marcus, Director-IIH.

## Blended E-Learning on CATIA V5

The School of Mechanical Engineering had organised a Skill Development Program for enhancing the skill of the students on “Blended e-learning on CATIA V5” from 23rd September to 22nd November 2019. Around 589 students of 3rd and 5th semester participated in the event. The online course is grouped under academia-industry domain, which includes tools to cater to the needs of different segments with case studies/Industry relevant exercises.



## Inauguration of Coder’s Club

The School of Electronics and Communication Engineering inaugurated the Coder’s Club on the 20th November 2019. Students and faculty members from various schools attended the inauguration.



## Hands-on Training on Rietveld Refinement Analysis

On 21st October 2019, the Department of Physics, School of Applied Sciences, organized a hands-on training on Rietveld Refinement Analysis by Dr. Darukaprasad, BMSIT College, Bengaluru. The training included a talk on X-ray Diffractogram (XRD) and analysis of XRD to get different parameters such as lattice stress, lattice strain, crystallite size, structure of crystals etc. followed by the use of Fullproof software to fit XRD data for Rietveld Refinement Analysis.



## Visit to CFTRI

The Department of Biochemistry, School of Applied Sciences, organised an industrial visit for M.Sc. students to CSIR-CFTRI, Mysore on 7th November 2019 07/11/19. Students were encouraged by the Senior Scientists for internships and higher studies at the institution. The students visited the Central Instrument Facility Services Laboratory (CIFS), the Biochemistry department, the department of Spices and the animal house.



## Industrial Visit

The Department of Biotechnology, School of Applied Sciences, organized an industrial visit to Azyme Bioscience Pvt. Ltd. on 19th October 2019 for B.Sc. students. Azyme Biosciences houses industry standard and high calibre research grade equipments and instruments. During the visit the technical head gave a brief introduction of Azyme Bioscience Pvt Ltd. and showcased the services offered and trainings for the students in various wet lab, dry lab and analytical instrumentation.



## Guest Lecture on Preparation for GATE & NET Examinations

The Ramanujan Club of the Department of Mathematics, School of Applied Sciences, had organized a guest lecture on "Preparation for GATE and NET Examinations". The resource person was Dr. Pattana Shetty, Former Professor, Davanagere University, Karnataka. The objective of the activity was to create awareness among students to take up competitive examinations very seriously to plan their future.

## Talk on "Premium programs and curriculum design"

A talk on "Premium programs and curriculum design" was arranged by Pi - club, Department of Mathematics, School of Applied Sciences. The resource person was Dr. P.G. Siddheshwar, Professor, Bangalore University. The objective of the activity was to create awareness among faculty members to take up skill development programs very seriously and to implement the same for the student community. He also explained the challenges to begin new premium programs both in under graduate and post graduate level.

## Entrepreneurship Awareness Camp

A three day Entrepreneurship Awareness Camp from 19th to 21st December 2019 was organized by Innovation & Entrepreneurship Development Cell (IEDC), UIIC, REVA University, for the students of BCA IV semester. On the first day, the resource person, Ms. Sindhu Jagannath, conducted a session on "Identification of Business Opportunities & Mechanisms of Product selection and Technology-assistance from R&D labs & other institutions on choice of technology". Sessions on entrepreneurship was conducted on Day two by Mr. Kiran Bettadapur, practising Advocate and Patent Attorney and Dr. Krishna, CEO, Ramanuja Management Services. On the third day, students were taken to M/S Advanced Electronic Systems, located in Peenya Industrial Area, Bangalore, for an industrial visit.

## Workshop on Innovation and Entrepreneurship

The School of Architecture in association with, UIIC, REVA University had organized and conducted a workshop on Innovation and Entrepreneurship on 22nd November 2019. Students from 7th semester B.Arch. attended the session. Ar. Sindhu Jagannath, an entrepreneur set up in Bengaluru, headed the workshop. The workshop began with a lecture defining entrepreneurship, which was followed by few hands-on exercises.

## Technical Talk on "Challenges Solved using Artificial Intelligence"

On 27th December 2019, a technical talk on "Challenges Solved using Artificial Intelligence" was organized for IV BCA A and B students. The resource person was Mr. Akshay Kumar Kothuri, AI Developer, Smart Bridge, Hyderabad. Students learned about the opportunities and challenges that businesses face with implementing AI. Students gained knowledge on the importance of AI and its applications. The students acquired information on AI development using the IBM model from past few years. They were also exposed to the concept of deep learning and machine-learning techniques and how they are driving AI.

# Programmes Offered by REVA University

## Undergraduate Programmes

### • B. Tech.

Civil Engineering | Mechanical Engineering  
Electrical and Electronics Engineering  
Electronics and Communication Engineering  
Electronics and Computer Engineering  
Computer Science Engineering  
Computer Science and Systems Engineering  
Computer Engineering (Artificial Intelligence & Data Science)  
Information Science and Engineering  
Computer Science and Information Technology  
Mechatronics Engineering  
Electrical and Computer Engineering

### • B. Arch., B. Design

### • BA, LL.B. (Hons.)

### • BBA., LL.B. (Hons.)

### • BBA

Industry Integrated | Honours  
Entrepreneurship

### • B.Com

Industry Integrated | Honours

### • BCA

### • B.Sc.

Mathematics, Statistics, Computer Science  
Physics, Mathematics, Chemistry  
Physics, Mathematics, Computer Science  
Biotechnology, Biochemistry, Genetics  
Medical Laboratory Technology (MTL)  
Bioinformatics | Honours

### • BA

Journalism, English, Psychology  
Political Science, Economics, Journalism  
Performing Arts, English, Psychology  
Tourism, History & Journalism

## Research Programmes

### • Ph.D.

Engineering | Management Studies  
Commerce | Science and Technology  
Arts and Humanities

## Postgraduate Programmes

### • M. Tech.

Power Energy Systems (PS)  
Computer Aided Structural Engineering (CASE)  
Transportation Engineering and Management (TEM)  
Construction Technology and Management (CTM)  
Computer Science Engineering (Full-Time)  
Data Science (DS)  
Machine Design (MD)  
Digital Communication & Networking (DCN)  
VLSI & Embedded Systems (Full-Time)  
Computer Science Engineering (Part-Time)  
VLSI & Embedded Systems (Part-Time)

### • MBA

Marketing | Finance | Human Resource  
Entrepreneurship | Media & Mass Communication  
Banking and Insurance | International Business  
Operation Management | Rural Management

### • MCA • M.Com • LL.M.

### • MS in Computer Science

### • M.Sc.

Biochemistry | Biotechnology | Chemistry  
Mathematics | Physics | Psychology

### • MA

English | Journalism & Communication

### • MPA

Bharatanatyam | Kuchipudi | Kathak  
Mohiniyattam | Odissi

## Diploma / PG Diploma Programmes

- Certificate / Diploma in Kuchipudi  
Bharatanatyam | Mohiniyattam | Kathak | Odissi  
Theatre Arts | Carnatic Music | 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 Programme in Entrepreneurship &  
Construction Management







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