REVA UNIVERSITY

Bengaluru, India

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

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REVA INSIGHT

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NEWSLETTER

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ONE ASSOCIATION, FOR MANY GREAT CAREERS

Our Vision

REVA University aspires t o become a n Innovative University by developing excellent human resources with leadership qualities, ethical and moral values, r esearch, culture and innovative skills through higher education of global standards.

Our Mission

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

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From the Chief Editor's Desk

> " Success is not final; failure is not fatal: It is the courage to continue that counts "
>
> - Winston S. Churchill

The year 2021 has brought with it umpteen opportunities and has opened up a labyrinth of doors for us to explore and gain benefits from. The second quarter of the year has been vibrant with various academic, research and co-curricular activities organized at REVA University. At REVA University, no opportunity is ever left unexplored. As we move ahead in the year 2021, 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. Being on the continuous path of self-enhancement, we at REVA University, have always been setting higher benchmark for ourselves. This year too, students, research scholars, and faculty members have already started showcasing their brilliance in every field.

This issue of REVA Insight gives the readers a glimpse of the bustling activities of our vibrant campus. I urge the readers to stay connected with us and be a witness to our continuous growth and development.

Happy Reading!

Dr. M. Dhanamjaya
Vice Chancellor
REVA University

Webinar on Dismantling Artificial Intelligence

On 29th April 2021, REVA Academy for Corporate Excellence (RACE) hosted a webinar on "Dismantling Artificial Intelligence- Reconstructing Your Idea of AI in AI and Analytics Industries". The presenter of the webinar, Akshay Kulkarni, Lead Data Scientist-Publicis Sapient, deciphered various aspects of AI that can power up the Analytics

and AI industries. The webinar discussed the building blocks of AI, Turing test, implications of AI, why NLP is difficult, how sentiment analysis works, artificial superintelligence, etc., with relevant examples.
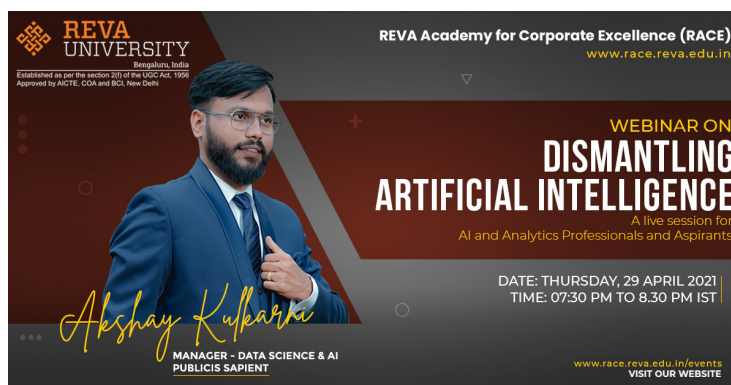
Technical Talk on Mechanical Design of Electronic Equipment

On 23rd April 2021, a technical talk on "Mechanical Design of Electronic Equipment" was conducted by the School of ECE with an objective to create an interest among the students in the areas of Mechanical Design. To create an awareness on the future of Mechanical Design in collaboration with the electronic design related works. To enhance the skill sets required to in the students. The resource person was Mr. Santhosh Joteppa, Senior iManager – D&E, Centum Electronics.

Webinar on "Understanding Visual Mechanics of Graphic/ Comic Narrative Medium

The School of Arts, Humanities and Social Sciences organised a webinar on "Understanding Visual Mechanics of Graphic/Comic Narrative Medium" on 29th April 2021 through online conferencing platform, Microsoft Teams. The resource person for the event was Dr. Prakruthi H.N, Post Graduate Centre, Jyoti Nivas College (Autonomous) Bengaluru. The lecture was organised for students and faculty members of REVA University as well as other colleges and universities. The resource person accentuated that graphic/comic narratives were deeply rooted in social and cultural practices. She elaborated on how the visual narratives are the sub genres of Visual Studies. She elaborated on the latest genres and contemporary research areas in the field of Visual Studies. The audience was extremely intrigued by the lecture. The session opened new possibilities for the students to work on this upcoming area of research.

Third International Conference on Advances in Computing & Information Technology-IACIT-2021

On 17th and 18th May 2021, the School of Computer Science & Engineering organized its 3rd International conference on Advances in Computing & Information Technology at REVA University, Bengaluru, India. The conference presented an open forum for scientists, researchers and engineers to exchange the latest innovations and research advancements in the areas of next-generation computers, communications protocols and algorithms, high performance computing, data science, software engineering, IT services and applications. The conference included plenary sessions and invited talks from eminent researchers on the state of the art in related areas.

Workshop on "How to Crack UGC NET Exam

The School of Arts, Humanities and Social Sciences conducted a 2-day workshop on "How to Crack UGC NET Exam" for post graduate students and faculty members on 4th and 5th May 2021. Session 1 of the workshop focused on "Syllabus treatment and Aptitude test in English Language and Literature" and was conducted by Dr. Ritushree Sengupta, Assistant Professor, Patrasayer Mahavidyalaya, Kolkata. The second session focused on "UGC NET Mass Communication and Journalism - Complete study tips" and was conducted by Mr. Yashas P Ravi – Junior Research Fellow at IIT Bombay.

SDP on Microsoft Certification on Data Analytics

A five-day SDP on "Data Analytics" was organised by the School of CSA for VI BCA students from 17th May to 22th May 2021 by resource person, Mr. Manoj from Ethical Byte. The main objective of this SDP was to provide students with a comprehensive understanding of planning and conducting scientific experiments. Students learned how to collect data, and analyze the data to reach fruitful conclusions. Students were introduced to the emerging trends on Data Analytics and the current challenges and opportunity. Students gained knowledge of how to apply clustering and classification algorithm to large data sets to extract meaningful insight. Students also acquired practical knowledge on different database tools like Spark, Mongo DB, Cassandra, NoSQL Databases. Students also appeared for global Microsoft certification examination after the completion of this programme.

Technical Talk on Power Converters

On 23rd April 2021, a technical talk was conducted on "Power Converters - Topologies, Examples, Advantages, Simulations, Realizations, Challenges, EMI/EMC" by the School of ECE. The objective of this session was to create an interest among the students in the areas of designing the Power Converters. The session was focused on how to bring awareness on the future of power supply system design in PV systems, radar systems, satellites and the skill sets the students need to acquire. The resource person was Mr. Bhoopendra Kumar Singh, Senior Manager-Design & Engineering, Centum Electronics Limited.

Faculty Development Programs in collaboration with iSPELL

The School of Arts, Humanities and Social Sciences in collaboration with the Indian Society for the Promotion of English Language and Literature (iSPELL) conducted two 5-day Faculty Development Programs. The first FDP titled "Rejuvenation of Literature and Language: From Pandemic to Pan-Academic" was scheduled from 17th to 21st May 2021. The resource persons were Dr. Gillian Dooley, Senior Research Fellow, Flinders University, Adelaide, Australia; Helen Sarita, Author, Philippines; Dr. Nilak Datta, BITS Pilani, Goa; Dr. T.R. Murali Krishnan, MES Asmabi College, Kerala; and Dr. Arthur Broomfield, Literary Critic, Poet, Beckett Scholar, County Laois, Ireland.

The second FDP titled "Literature and Humanity" was scheduled from 24th to 28th May 2021. The resource persons were Dr. Elisabetta Marino, University of Rome, Italy; Dr. Juan Jose Varela, Theological Institute, Santiago de Compostela, Spain; Dr. Ratan Bhattacharjee, Dum Dum Motijheel College, Kolkata, India & (Visiting Professor), Fairleigh Dickinson University, New Jersey, USA; Dr. Daniela Rogobete, University of Craiova, Romania; and Dr. Judith Enriquez, Liverpool John Moores University, England

Both the FDPs witnessed an overwhelming response from all over the country and there were registrations from abroad too. 1200 participants had registered for the first FDP and 1600 for the second one. The two events were successful in meeting the objectives of promoting the study of literature and language and facilitating research in various related fields of Arts and Humanities.

Special Lecture on Campus Planning

A special lecture on campus planning was organized by School of Architecture, REVA University for students of sixth semester on 29th April, 2021. The online special lecture by Ar. Dhanakoti was conducted on MS Teams platform. A total of 34 students attended the special lecture. The objective of the lecture was to understand the role of Architects in designing a campus. The lecture explained the general strategies that could be incorporated in planning a campus. Ar. Dhanakoti also explained how certain spaces could be designed in a manner to create visual dominance. He also explained about Universal design concepts, incorporating barrier free environment and adapting sustainability as a tool factor that could be in terms of layout or materials.

FDP on Applications of AI and ML
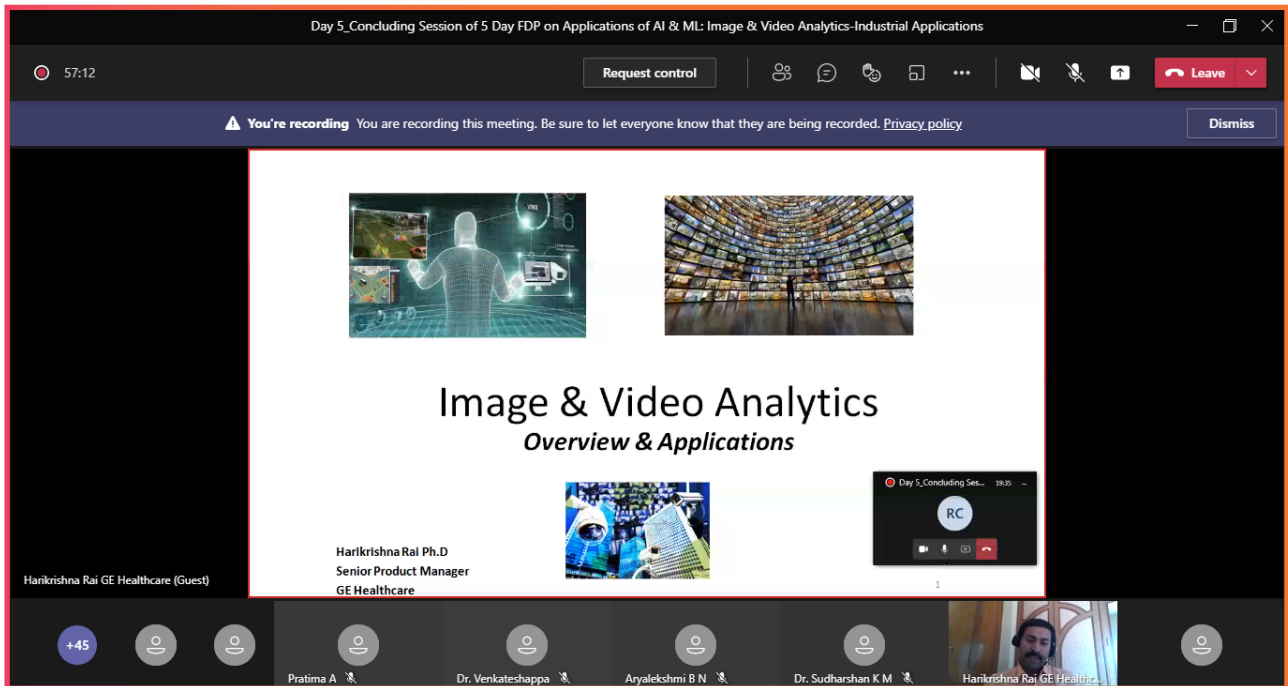
From 10th May to 14th May, an FDP on "Applications of Artificial Intelligence & Machine Learning (AI&ML)" was conducted by the School of ECE with an objective to introduce the foundations and state-of-the-art techniques of AI&ML. Applications of AI&ML in various domains and their impact on future technologies were highlighted. Over all the FDP brought a practical insight into the current developments of AI&ML. The resource persons of the FDP were Mr. Lokesh Rai, Director, Harman, Bangalore; Dr. Bharathi Reddy, HOD, Department of AI & ML, BMSIT&M, Bangalore; Dr. Ramprasad P, Professor, Manipal University, Dubai Campus; Dr. Arun Balodi, Associate Professor & Head at Atria Institute of Technology in Bangalore; Ms. Preethi Shankaranarayanan, Associate Director, Harman Connected Services and Dr. Harikrishna Rai, Sr. Technical Product Manager, GE Healthcare.

Skill Development Program on Android App Development

Between 9th and 25th April 2021, the School of CSE had organized a six-day Skill Development Program for Fourth Semester Students of CSE on Android App development. This opened a platform for students to learn and explore various aspects of Mobile application development. Various topics on application development which were taught include Introduction to Android, The Android 4.1 Jelly Bean SDK, Understanding the Android Software Stack, Installing the Android SDK and Creating Android Virtual Devices.

Smt. Rukmini Memorial Lecture Series

On 1st April 2021, as part of the Smt. Rukmini Memorial Lecture Series on Criminal justice system, the School of Legal Studies, REVA University, Bangalore invited IPS Officer Dr. Rohini Katoch Sapat, Superintendent of Police, Counterfeit Currency, Arms, Narcotics & Idol Division, CID, Bangalore to enlighten the young minds of the School of Legal Studies on the various aspects of the Police Department in the Criminal justice System. It was an interactive session where Dr. Rohini gladly answered questions of students enthusiastically and inspired them in many ways.

Webinar on Career Opportunities for Engineers

On 13th May 2021, a webinar on "Career Opportunities for Engineers – Study and Life in Germany" was conducted by the School of ECE with an objective to have a student interaction with the ECE Alumni in order to get an exposure about career opportunities abroad. The resource persons were Varun Ramesh Kumar working as the Project Leader – Smart and digital Products at Saint Gobain Sekurit, Germany; Santhosh Shetty Choudhari working as Embedded Software Developer at ESE GmbH Germany; and Abhishek Patil working as Embedded Software Developer, at IAV GmbH, Germany.

Discourse Series on Psychological First-Aid during COVID Crisis

The Department of Psychology, School of Arts, Humanities and Social Sciences conducted Two-day Discourse Series on "Psychological First-Aid during COVID Crisis". There were two sessions on both the days emphasizing on different issues. The webinars were successful in equipping participants with coping mechanisms to deal with variety of issues during this COVID second wave. On the first day, Ms. Ashwini N.V., Founder Director, Muktha Foundation spoke on "Positive Psychological Intervention during Covid Crisis" which was followed by Dr. Triveni Anantharam's talk on "Self-Management during Crisis". The next day saw Dr. Sherin P Antony discussing on "Self-Care during Pandemic" and Dr. Janhavi Devdutt, Consultant Clinical Psychologist, emphasizing on "Social Support during Crisis."

REVA Knowledge Series

Webinar on Unmasking Distress of COVID 19

The School of Arts, Humanities and Social Sciences organized a 5-day REVA Knowledge Series on "Media Literacy" from 2nd to 6th June 2021. The program was open to participants outside REVA University. The resource persons were Prof. Dr. Glenn W. Muscher from Khalifa University, Abu Dhabi; Prof. Jude William R. Genilo from University of Liberal Arts, Bangladesh; Ms. Dilrukshi Handuneeti, Director, Centre for Investigative Reporting, Sri Lanka; Prof. Emeritus Dr. Srinivas Melkote from Bowling Green State University, Ohio, USA; and Prof. Seema Sangra, Amity University, Dubai.

The School of Arts, Humanities and Social Sciences conducted a webinar on "Hold on to Hope: Unmasking Distress of COVID 19" on 11th June 2021 by Dr. Ardhanaari Manickavasagam, MD Psychiatry, Department of Psychiatry, Meenakshi Medical College, Kanchipuram. The talk focused on various psychological issues which had cropped up as a result of the pandemic and highlighted probable ways to fight against anxieties and trauma in such situations.

Webinar on ML and DL Model Deployment Strategies

On 10th June 2021, a webinar on "ML and DL Model Deployment Strategies and a Quick Demo with Fast API and AWS Sagemaker" was conducted by REVA Academy for Corporate Excellence-RACE. The webinar presented by Pradeepta Mishra, Associate Principal, AI Product Engineering, Larsen & Toubro Infotech (LTI), provided practical insights on ML Model Life Cycles, ML Mode Deployment Basics, Different Types of Deployment, and Different Deployment Needs.

Webinar on Machine Learning and Deep Learning

On 15th May 2021, a webinar on "Machine Learning and Deep Learning" was conducted by the School of ECE with an objective to introduce some concepts and techniques that are core to Machine Learning. Applications of ML/ Deep Learning in various domains and impact of ML/Deep Learning in future technologies were explained. The resource person was Dr. Kala S, Assistant Professor, Indian Institute of Information Technology (IIIT), Kottayam, Kerala.

Webinar on Contribution of Youth in Nation Building

As part of REVA expert webinar series, a webinar was conducted by the School of Legal Studies in association with the Branding Team of REVA University on 10th April 2021 on "Contribution of Youth in Nation Building". The resource person for this webinar, Mr. Ashwani Dubey, is a renowned Supreme Court Advocate. The speaker emphasized on the importance of Fundamental Duties enshrined in the Constitution of India in nation building. Further, he also emphasized on the topic of nation building and how youths can contribute to it.

SDP on Microsoft Certification on HTML and CSS

A five-day SDP on "HTML and CSS" was organised by School of CSA for II BCA and II B.Sc. students from 17h May to 22th May 2021 by Ms. Arya and Mr. Radeesh from Active Edu Technology. Students learned about the introduction of the creation of a website using HTML, CSS and Bootstrap. Student gained knowledge on use of HTML5 semantic tags, block-level and inline elements, creating links, ordered and unordered lists, creation of tables and forms. They also learned to attach CSS to a page using several different techniques, CSS selectors and pseudo-classes, CSS box model, and a variety of CSS properties. Students also gained knowledge on how to create a Bootstrap page utilizing the grid system, implement commonly used components (such as dropdowns and navigation bars), use Bootstraps CSS classes to format page elements and use Bootstrap's plugins to add tabs, models and accordions to a page. Students also appeared for global Microsoft certification examination after the completion of this programme.

Webinar on Learning Paradigm for a Post COVID World

On 19th May 2021, a webinar was conducted on "A Learning paradigm for a post COVID World" by the School of ECE with an objective to explore how the Covid pandemic has influenced human behavior and how this can be used as a positive change in society. Different scenarios were discussed on the evolution of the current crisis and methodologies to resolve them. The resource person was Dr. Sandeep Shastri, Vice Chancellor, Jagran LakeCity University, Bhopal.

Webinar on Recent Trends in Machine Learning and Deep Learning with Applications

A webinar on the topic "Recent Trends in Machine Learning and Deep Learning with Applications" was organized on 20th May 2021. It was conducted through MS Teams for students of all the semester. Resource person, Mr. Shadab Hussain, who is a data scientist from Bangalore, shared his valuable and insightful ideas and vision on the topic. The main objective of this webinar was to enlighten the students about recent trends in Machine learning. The students were introduced to the world of Machine Learning and Data Science. Recent trends and real-time applications for solving various problems using artificial intelligence and machine learning were discussed along with some examples. The students were exposed to different ideologies in the areas of self-driving cars, natural language and image processing, and predictive forecasting. The webinar not only covered a number of topics in one of the trending fields of Computer Science but also motivated the students to further study and take up projects in this domain.

Webinar on New Technologies

On 28th May 2021, a Webinar on "New Technologies like AI & ML Driving 5G and Beyond - 6G?" was conducted by the School of ECE to motivate the students about the adoption of 5G with disruptive technologies like AI, IoT and robotics. The main objective of the webinar was to create an awareness on the possibility of replacing 5G in every domain, with the next 6G? and also to explore the safe and efficient navigation of autonomous vehicles using 6G for real-time generation and processing of data.

International Two-part guest lecture on Design Thinking and Complexity

The School of Architecture organized a two-part international guest lecture on Design Thinking and Complexity by Prof. Philippe Casens on the 8th and 15th of May 2021. This lecture was part of the product design curriculum for 10th semester students. The lecture was based on the design brief "Pirouette", which the students are currently working on. The first part of the lecture which took place on the 8th of May was about what is design and role of designer through history, starting from London universal exhibition at crystal palace in 1851 to current day. He also explained usage of 'Complector diagram' to aid in complex design thinking to aid the design process and students were asked to work on the 'complector diagram' for their design proposal and develop mood boards for the keywords. The second part of the lecture was held on the 15th of May during which Prof. Philippe Casens discussed the mood boards and Complector diagram developed by students for their design. He also shared his insight on materials and manufacturing techniques suitable for the design. He shared relevant materials for future reference with the students.

Virtual Alumni Meet by School of Arts, Humanities and Social Sciences

The School of Arts Humanities and Social Sciences organised a Virtual Alumni Meet on 29th May 2021 through online conferencing platform, Microsoft Teams on the theme Dream Connect. The alumni of the school were urged to contribute in enhancing knowledge and skill domains of currents students by conducting guest lectures, webinars, and seminars. Photos and videos of past events were displayed on the screen for the recapitulation of the alumni to nourish the memories in campus. There was a series of cultural bonanza by the alumni. The program was well received and appreciated by the participants and several alumni gave their testimonials and expressed their great love and gratitude towards the alma mater.
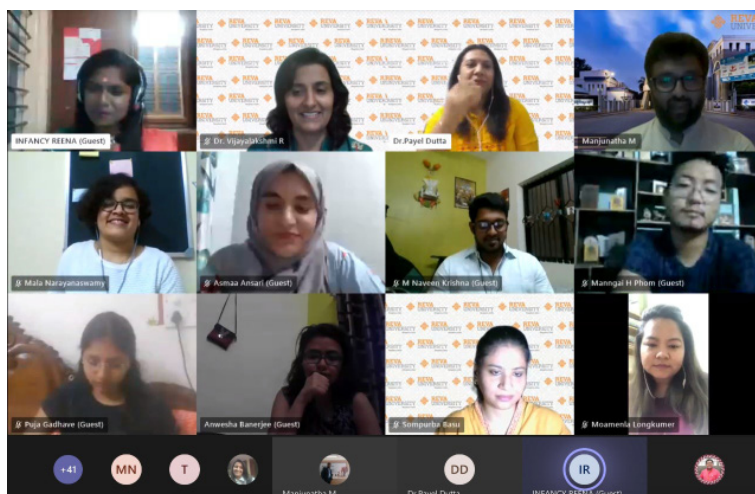
Webinar on Free Mini Electronics Lab at Home with Aurdino Uno

On 28th May 2021, a webinar on "Free Mini Electronics lab at home with Aurdino Uno" was conducted by the School of ECE with an objective to expose the students to the possibility of conducting hardware experiments using Aurdino boards at home. The required interfacing software, such as, PyroGeek was explained in detail to facilitate the students in executing all types of electronic circuits.

International Conference on Electronics, Communication, Informational Technology and Management

On 2nd and 3rd June, a virtual international conference was conducted on "Electronics, Communication, Information Technology and Management". The Conference was graced by eminent international speakers, such as, Dr. Johnson Ihyeh Agbinya, Professor and Head, School of Information Technology and Engineering, Melbourne Institute of Technology, Australia; Dr. Ahmed A Elngar, Professor, Faculty of Computer and Artificial Intelligence, Beni-Suef University, Egypt; and Dr. Aminu Ahmed, Professor, Business Technology Management, Department of Management and Information Technology, Abubakar Tafawa Balewa University, Nizeria. A total of 179 papers were selected out of 350 submitted papers and presented in the conference. All the accepted papers are published in Scopus indexed journals.

Webinar on Roadmap on Cracking Internships and Placement Interviews

On 5th June 2021, a webinar on "Roadmap on cracking internships and placement interviews" was conducted by the School of ECE with an objective to guide the students for placement interviews. The students were motivated to take up paid internships and briefly explained about the importance of the same. The resource person was Mr. Navdeep Sandhu, instructor and content developer from Coding Ninjas.

Expert Lecture on Mughal Architecture

An expert lecture on Mughal Architecture by Prof. Shubhi Sonal was arranged for the 4th semester students from the School of Architecture, for the course History of Architecture IV. The lecture was focused on Mughal architecture beyond Taj at the city of Agra. Prof. Shubhi explained the evolution of Islamic architecture and specific elements during Mughal rule in India. Her session was focused on elaboration on following topics: Architecture influenced by politics, prosperity and religion; Evolution of tomb from flat open to sky tomb to dome covered mausoleum; Basic and complex geometry behind Mughal structure; Introduction to Chinese, catholic and Hindu tomb influenced by Mughal architecture; Unrevealed several myths behind Taj Mahal. The session was informative and significant for understanding Mughal architecture.

National Symposium on "National Education Policy and Media Education"

The Department of Media Studies, School of Arts, Humanities and Social Sciences hosted a National Symposium on "National Education Policy and Media Education in India-Challenges and Opportunities" on the 17th May 2021 through the online conferencing platform, Microsoft Teams. The three-hour symposium saw huge participation from faculty members across India and abroad. The resource persons were Prof. R Karpaga Kumaravel, acting Vice Chancellor of Central University of Tamil Nadu; Prof. K.G. Suresh, Vice Chancellor, Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal; Dr. Poornanada from Kuvempu University, Shivamoga; Prof. Seema Sangra, program leader of Media Studies Department, Amity University, Dubai; Dr. Sanjeev S.R Marevaneos, Head of the Department of Journalism, Marlvanious College, Thiruvananthapuram; Dr. Nandhini Lakshmikantha from School of Communication, Manipal University; and Dr. Shuaib Mohammed Haneef from Department of Mass Communication, Pondicherry University. The symposium was moderated by Prof. Sapna Naik from the Department of Communication, Mysore University.

Webinar on Product Design Cycle

On 12th June 2021, a webinar on "Product Design Cycle (Concept to Customer)" was conducted by the School of ECE with an objective to create the awareness about the electronics product design for the young budding engineers and also to explain them about the complete methodology by giving simple examples. Various stages involved in designing an electronic product were explained by walking through the steps in each stage. The resource person was Mr. Ramachandra Gambhir, Cisco Systems Inc. San Jose, California, USA.

Alumni Meet-2021 by School of CSE

On 5th May 2021, the School of Computer Science & Engineering organized an Alumni Meet for UG and PG students of the school. The meet offered a platform for teachers-students interaction and cherishing memories and sharing their knowledge that helped in guiding the current batch of students in academics. Also, students discussed recent technologies they are working on and offered their experience in helping the current students in placements and choosing their next step when they would complete their graduate pro-gram.

SDP on Microsoft Certification on Python Programming

A five-day SDP on "Python Programming" was organised by School of CSA for IV BCA Students from 24th May to 29th May 2021 by resource persons, Ms. Arya and Mr. Radeesh from Active Edu Technology. This SDP was a comprehensive training program to upgrade the students' programming skills in Python as nowadays it is one of the preferred programming languages in the corporate world. The training program provided a platform to 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. Extra emphasis was given on unique features of Python, such as Tuples, Array Slices and Output Formatting. 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, Creating GUI application, connecting with databases, TCP Socket Connectivity etc. On the last day of the event, students appeared for Global Certification examination.

Webinar Series on "Nuances of English Language"

The School of Arts, Humanities and Social Sciences organized a 5-day webinar series on "Nuances of English Language" from 21st to 25th June 2021. The sessions were open for participants outside REVA University. 500 participants registered for the webinar series. The resource persons were Dr. Thaer Tawalbeh, Taif University, Al Hawiyah, Taif, Saudi Arabia; Dr. Abdulali Ahmadi, Islamic Azad University, Eslamabad-e-Gharb Branch Kermanshah, Iran; Dr. Yogesh Kashikar, Shri-

ram Kala Mahila Mahavidyalaya, Amravati, Maharashtra; Dr. V. Bhuvaneswari, VIT, Vellore, Tamil Nadu; and Dr. Khushbu A. Trehan, D. J. Sanghvi College of Engineering, Mumbai, Maharashtra. The webinar series focused primarily on various aspects of the English language and English
Language Teaching.

Virtual Alumni Meet by School of ECE

On 13th June 2021, a virtual Alumni meet was conducted by the School of ECE for the alumni of 2018, 2019 and 2020 batches. The objective of the program was to create an awareness about the importance of association of alumni with the alma mater, and how they can be the strong pillars of institution in building a stronger university through word of mouth and brand of university. They were also motivated to present webinars and seminars in their areas of expertise.

Special Lecture on Contour Analysis & Master Planning

A special lecture on Contour Analysis & Master Planning was organized by School of Architecture for students of sixth semester on 6th April, 2021. The online special lecture was delivered by Ar. Meghana K Raj and Ar. Divya Susanna Ebin on MS Teams platform. 64 students of VI semester and two faculty members attended the special lecture. In the first part of the lecture, Ar. Meghana K Raj, Associate Professor from Ramaiah Institute of Technology delivered the lecture on contour analysis and elaborated on process of tracing the contour by direct and indirect method to understand capacity of water-logged areas and characteristics of contours and factors on which contours interval depends. In the second part of the lecture, Ar. Divya Susanna Ebin Assistant Professor, Ramaiah Institute of Technology delivered the lecture on Master Planning.

Webinar on Legal Awareness to Challenge COVID-19

The School of Legal Studies under the aegis of REVA Legal Aid Clinic, in association with Karnataka State Legal Services Authority, Bengaluru and Permanent Lok Adalat, organized a webinar on Legal Awareness to Challenge COVID-19 on 15th May 2021. The aim of the webinar was to bring together all stakeholders in the same platform to analyse and reflect the lesson learnt so far and integrate knowledge to understand the different aspects of COVID-19 at national and state levels of dispute resolution. Mr. Ashwathanaryana, Chairman Permanent Lok Adalat, and Mr. H. Shashidhara Shetty, Member-Secretary, Karnataka State Legal Services Authority, Bengaluru were the key speakers for the webinar.

Webinar on Functional Programming Applications in Industry

On 19th June 2021, a webinar on Functional Programming Applications in Industry was conducted. The knowledge of Functional Programming Applications in Industry is a programming paradigm where programs are constructed by applying and composing functions. It is a declarative programming paradigm in which function definitions are trees of expressions that map values to other values, rather than a sequence of imperative statements which update the running state of the program. Students attended the program and expressed satisfaction over the conduction of the program.

SDP on Microsoft Certification on Networking Fundamentals

A five-day SDP on "Networking Fundamentals" was organised by School of CSA for IV BCA Students from 11th June to 15h June 2021 by Ms. Arya, Active Edu Technology. Students also got skilled on networking concept right from the organization to the management of Local Area Networks. Students were able to successfully design, implement and maintain a typical computer network (LAN). Students got hands-on experience with Windows Server, Windows-based networking, network management tools, DNS, TCP/IP, names resolution process, and network protocols and topologies. on the last day of the event, students appeared for Global Certification examination.

InQuizitive - An Instagram Quiz

Students of the Literary Club of the School of Architecture had organized a quiz exercise for the students and faculty members of the School of Architecture on their Instagram page - Archonicles. It was based on several topics, ranging from contemporary architecture to history of architecture. It was conducted over two days with active participation from students as well as faculty members. The activity was planned to allow maximum participation so that students can engage themselves in learning on social media platform.

Webinar on Telangana Formation Day

On 2nd June 2021, School of Legal Studies conducted a webinar on the event of Telangana formation day. The speaker for the event was Padma Shri Dr. T.H. Chowdary who spoke on times of agony and ecstasy in Telangana's History. The speaker enlightened the participants on the various events and reasons that led to the formation of the present-day Telangana State.

Skill Development Program on Jango, PHP & Cyber Security & Data Analytics

The School of CSE conducted student development program on various technologies like Jango, PHP & Cyber security & Data Analytics for students of 4th & 6th semester in the month of April from 20th to 28th by resource persons from industries. The program offered different levels of programming starting from installation of the related softwares to developing the applications like Web development using Jango, Web Development using PHP and students who had opted Data Analytics were given a global certification exam.

Guest Lecture on Continuous Development in a Fast-Paced Agile World

A webinar on the topic "Continuous Development in the fast-paced agile world" was organized on 27th May 2021. The resource person was Mr. Roshan Sinha, Software Engineer, Microsoft for students of all semester through MS Teams. The webinar introduced the students to one of the latest methodologies that form a crucial part of modern-day software development at every major organisation. The concepts of Agile Software Developments were discussed and their important aspects were highlighted with examples of how the collaboration between self-organizing cross-functional teams helped to achieve better product quality and productivity. Agile software development lifecycle and its principles were the highlights of the webinar. The webinar concluded with the speaker sharing his personal views and experiences on the influence of Agile in his professional life.

Webinar on Cognitive IOT

A webinar on Cognitive IOT was organized on 29th May 2021. The resource person was Dr. Pethuru Raj, Chief Architect and Vice President, Jio Cloud Services Division Reliance Jio Platforms Ltd, Bengaluru, for students of all semester through MS Teams. The main purpose of the webinar was to enhance the skills of the student on IOT with cognitive technology. The students gained experience on how to work on IOT with cognitive technology and the way cognitive IOT improves the way of interaction with devices at a faster rate. Students learned about the importance of Cognitive IOT and how it can improve the transmission performance through establishing dynamic routing, searching optimal transmission path adaptively and optimizing configuration of each node in the network. The resource person also added some of the examples of Cognitive IOT, such as, predictive maintenance and quality assessment in industry machine, Cognitive robotics, logistics and smart solutions.

Special Lecture on Practical Training

The School of Architecture conducted a special talk on Practical Training by Ar. Sneha Murthy on 12th of June 2021 for students of 8th semester. The main objective of the expert lecture is to gain knowledge on the submission format in detail and way of approach to the viva. The session covered various aspects of practical training, such as, submission format, site visits and tender drawings. The quantity and quality of drawings required for various projects were also covered in detail.

Webinar on Technology, Career and Social Responsibility

A webinar on Technology, Career and Social Responsibility was organized by School of CSA on 8th June 2021 for BCA final year students through MS Teams. Mr. Sanil Kumar D, TOC, Architecture Lead, SODA foundation, Huwaei Technologies Limited, Bengaluru was the resource person. This webinar enlightened students to be responsible when certain unfavorable situation arises in the society and how to use technology in an efficient way. Students gained knowledge to save the environment and also, roles and responsibility to be accomplished as a citizen. Students got insights on how survival of a person matters in the society as well as corporate sustainability in an organization. Students got motivated on how to be strong to face the different cases and how to come up in life, career with help of technology.

INSYNC with HERITAGE

The School of Architecture organized an Online Knowledge session - INSYNC with HERITAGE on June 15, 2021. The sessions included talks by Conservation Architects, Ar. Pankaj Modi, INTACH and Ar. Neeraja Jayan. The aim of the programme was to introduce participants to heritage and its significance while also emphasizing the need to incorporate travel as an important component for appreciating architecture. The knowledge repository being built at RUSOA through the medium of study trips and documentation studies around the country and abroad were effectively showcased through the programme.

Alumni Lecture on Angular 7 Walkthrough

On 10th June, 2021, an Alumni Lecture on "Angular 7 Walkthrough" was organized by School CSA. The session was conducted virtually through MS-Teams for final year BCA students. Mr. Amatya Agyey, Technical Lead & Software Engineer, CitiusTech Bangalore was the resource person, who is an alumnus of 2014 batch. Students gained deep understanding of the Angular 7 fundamentals and the transition from Angular JS to Angular 7 and its latest versions. Student learned about features of TypeScript, design and structure of projects, libraries for Angular and how to design front end using Angular 7. Students came to know the importance of UI developer and got the tips to quickly establish themselves as frontend developers.

SDC Workshop: Traditional Folk-Art Heritage - An Insight into Gond Art

A 4-day Skill development programme, titled Traditional Folk-art heritage: An insight into Gond art, was organized from 16th to 19th June, 2021, for students of 2nd semester B.Arch. As per the curriculum such skill enhancement activities are included under Architectural Workshop, a 2-credit course in the B.Arch. curriculum. Folk art covers all forms of visual art made in the context of culture. The objective of this workshop was to introduce the students about the Folk Art of various communities in India and to reflect the cultural life of the particular community. Resource person, Dr. Anupama R M, has formulated a 4 days' workshop for the architecture students to get inspiration on various materials and do a product design based on the idea of Painting Gond Art.

International Conference on Innovative Computing Technologies and Applications (ICICTA 2021)

A 2-day International Conference on Innovative Computing Technologies and Applications was organized by School of Computer Science and Applications, REVA University, Bengaluru on June 24th and 25th, 2021. The inaugural ceremony was on 24th June 2021. Mr. Srikanth Chandrasekaran, Sr. Director (Standards & Technology), IEEE India was the Chief Guest. Mr. Syam Madanapalli, Director of Internet of Things, NTT Data services, Plano, Texas, United States and Prof. Syed M Buhari, Associate Professor, Department of Information Technology, King Abdalaziz University, Saudi Arabia were the Guests of Honour.

On the first day of the conference, the Technical Session on "Innovations in Information Technology" was delivered by Prof. Seyed M. Buhari, Associate Professor, Department of IT, King Abdulaziz University, Saudi Arabia. The second Technical Session on "Accelerating Customer Data insights into actions using Augmented Analytics" was delivered by Dr. Ambika Paranthaman, Expert Data Scientist, Impact Analytics Bangalore. The Third Technical Session on "Representation learning on Graphs" was delivered by Prof. Shekhar Verma, Professor, Department of Information Technology Indian Institute of Information Technology, Allahabad.

On the second day of the conference, the first technical session on "Covid - 19: Impact on Machine learning models", was delivered by Mr. Preetam Dutta Chowdhury, Senior Engineering Project Manager, Apple Inc, United States. The second technical session on "MLOps Engineering" was delivered by Ms. Vidya Hungud, Executive Director, AI Acceleration, JP Morgan Chase and Company, Bangalore. The third technical session on "Learning Skills in Today's Age" was delivered by Mr. Harsha Support Engineering Manager, Microsoft Corporation, Hyderabad. The final technical session on "Introduction to Industry 4.0 – Forecast for Indian Scenario" was delivered by Dr. Arunkumar Thangavelu, Professor, School of Computer Science and Engineering VIT University, Vellore.

This conference had 10 different tracks in varied domains, such as, Artificial Intelligence, Cloud Computing, Data Mining, Cryptography & Network Security, Deep Learning, Internet of Things, Mobile Computing, Robotics, Real Time Systems, Neuromorphic computing and Grid Computing. Each track was chaired by eminent academicians.

Webinar by Western Sydney University

The School of Arts, Humanities and Social Sciences organized a webinar on "Communication with Purpose" by resource persons from their international academic partner, Western Sydney University. The resource persons were Dr. Asha Chand, Dr. Myra Gurney and Dr. Alison Gill from WSU. The participants were given a thorough understanding of various programs offered by WSU and the ways that they can prepare themselves to apply for higher studies at WSU.

Webinar on Campus to Corporate

A Webinar on "Campus to Corporate" was organized on 18th June 2021, for the students of BCA Final year students through MS teams. Resource person was Venkatesh P. S. Director - Business Continuity Management Global Operations Cognizant Technology Solutions, Corporate Business Continuity Management Practice, Bengaluru. Students gained knowledge on how to be equipped with the industry expectations and they were given inputs to be confident during the placement activities. Students participated in lots of activities to understand the importance of life and expectations of corporate companies. Students got inputs for writing their resumes and to face interviews during placement drive.

Certification Course - "BEING YOU: A Journey to Building self-esteem and Confidence"

As part of the curriculum, a two-credit certification course "BEING YOU: A journey to building self-esteem and confidence" was conducted for the second semester students over a period of 4 days from 16th to 19th June, 2021. The workshop included various sessions on following topics: Introduction to Happiness & Hacks; All about Laughter; Confidence – Resilience Building; Mindfulness - Body Language – Rapport Building; Anxiety - Stress Strength Awareness (Personality Development); Self- Time Management; Goal Setting - Vision & Decision Boards. A total of 35 students from second semester participated in the workshop.

Two-day Design Conclave on New Product Ideas
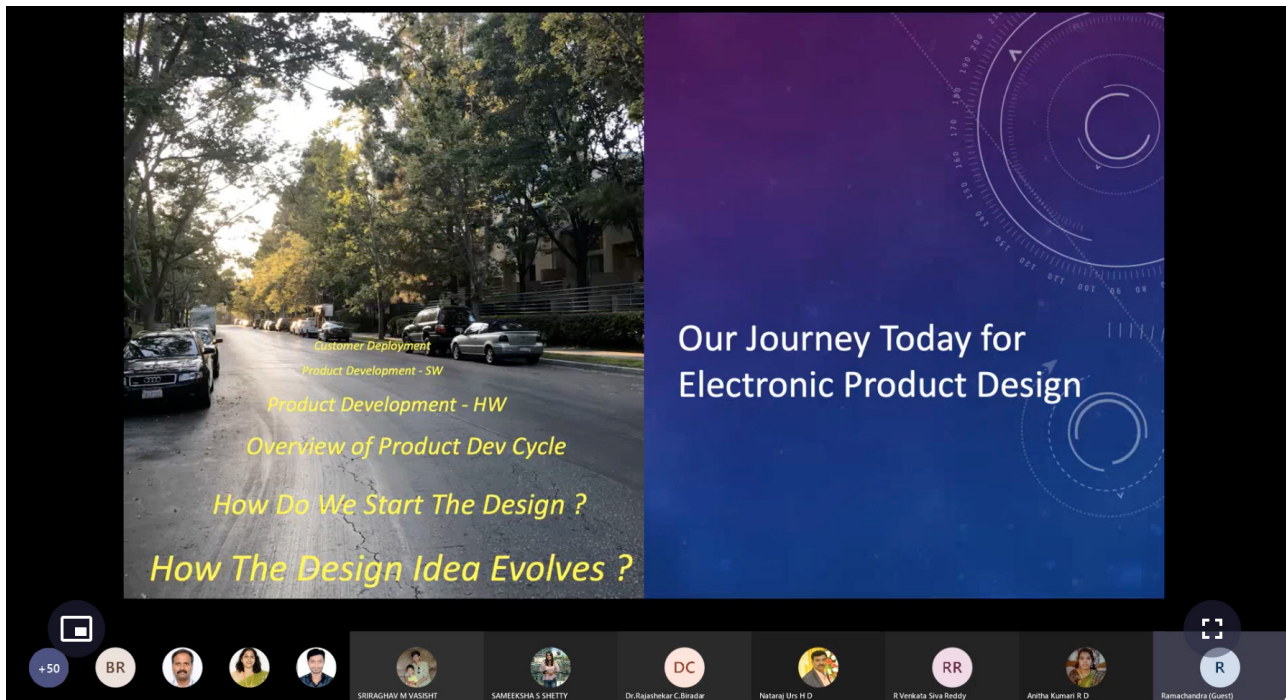
The School of Architecture organized an online 2-Day Design conclave on new product ideas on 22nd and 23rd of June 2021. Students of final year Architecture, had developed furniture/products based on the theme 'Pirouette' as a part of their curriculum. A total of 16 groups presented their new product ideas to the resource person, Ar. Suman D Nanjappa. The products varied from furniture for Arthritis patients, outdoor furniture, Multipurpose furniture, kids modular furniture to foldable helmet for Bi-Cycle. Each presentation included framework, user group analysis, a research phase (research of existing similar products in the market and comparative analysis, a concept stage (which included a complector diagram, mood boards and conceptual sketches), product details, usage scenarios and value and potential of the product.

Virtual Knowledge Series 2.0: Vaastu Shastra Webinar

The School of Architecture organized 2-Day webinar on Vaastu Shastra as part of Virtual Knowledge Series 2.0 on 29th and 30th of June 2021. The webinar was presented by Smt. Sudha Pai, International Vaidic Vaastu consultant, Bangalore and moderated by Ar. Anup Kumar Prasad. Vastu Saastra is an ancient science which covers the philosophy and theory of Architectural works to construct any building as well as living style of people. It is based on various natural energies, which are available free of cost in atmosphere. Vaastu considered the interplay of various forces of nature involving the five elements of earth, water, wind, fire and ether and strives to maintain equilibrium as these elements influence, guide and change the living styles of not only human beings but every living being on earth. Thus, it influences our deeds, luck, behavior and basics of life. The key highlights of the webinar: Learn about lineage and science of Vaastu; Unravel the science of ancient Vaastu knowledge; Demystifying myths around Vaastu; Establish connections of Vaastu and natural forces. The webinar was open to general public and had active participation from many Vaastu enthusiasts.

Programmes Offered by REVA University

Undergraduate Programmes	Postgraduate Programmes

Undergraduate Programmes

School of Computing & Information Technology

B.Tech. - Computer Science & Information Technology
B. Tech - Computer Science & Systems Engineering
B.Tech. - Information Science & Engineering
B. Tech.- Computer Science & Engineering
(Artificial Intelligence & Machine Learning)

School of Computer Science & Engineering

B. Tech. - Computer Science & Engineering
B.Tech. - Artificial Intelligence & Data Science

School of Electronics & Communication Engineering

B.Tech. - Electronics & Communication Engineering
B.Tech. - Electronics & Computer Engineering
B.Tech. - Robotics & Automation

School of Civil Engineering

B.Tech. - Civil Engineering

School of Mechanical Engineering

B.Tech. - Mechanical Engineering
B.Tech. - Mechatronics Engineering

School of Electrical & Electronics Engineering

B.Tech. - Electrical & Electronics Engineering
B.Tech. - Electrical & Computer Engineering

School of Multi Disciplinary Studies

B. Tech Bioelectronics Engineering

School of Architecture

B.Arch

School of Legal Studies

BA LL B (Hons)
BBA LL B (Hons.)

School of Commerce

B.Com (Industry Integrated)
B.Com - Hons (Accounting & Taxation)
B.Com - Hons (Economics & Finance)
B.Com - Hons (Accounting & Statisctics)
B.Com - Hons (Banking & Insurance)
B.Com - Hons (Corporate Governance & Auditing)
B.Com - Hons (Innovation & Entrepreneurship)
B.Com - Hons (Marketing & HR)

Postgraduate Programmes

School of Computing & Information Technology

M.Tech. - Artificial Intelligence
M.Tech. - Cybersecurity

School of Computer Science & Engineering

M.Tech. - Computer Science & Engineering (Full Time)
M.Tech. - Computer Science & Engineering (Part Time)

School of Electronics & Communication Engineering

PG Certificate Program in Internet of Things
M.Tech. - VLSI & Embedded Systems (Full Time)
M.Tech. - VLSI & Embedded Systems (Part Time)

School of Civil Engineering

M.Tech. - Computer Aided Structural Engineering
M.Tech. - Transportation Engineering & Management
M.Tech. - Construction Technology & Management

School of Mechanical Engineering

M.Tech. - Machine Design

School of Electrical & Electronics Engineering

M.Tech. - Power & Energy Systems

School of Multi Disciplinary Studies

M. Tech DCN

School of Legal Studies

LL M (Business & Corporate law)
LL M (Criminal law)

School of Commerce

M.Com

School of Management Studies

MBA

School of Computer Science & Applications

MCA
M.Sc. - Data Science

Undergraduate Programmes

School of Management Studies

BBA (Industry Integrated)
BBA - Hons (Talent Management & Marketing)
BBA - Hons (Branding & Advertisement)
BBA - Hons (Banking & Finance)
BBA - Hons (New Venture Planning & Family Busines Management)
BBA - Hons (Business Analytics & Design Thinking)
BBA - Hons (Strategy & Leadership)
BBA - Hons (Hospital & Health Care Management)

School of Computer Science & Applications

BCA
B.Sc. Honors (CC & Big Data)
B.Sc. (Multimedia & Animation)
B.Sc. (Cyber Security)

School of Applied Sciences

Certificate - Ebryology & Assisted Reproductive Technology (ART)
Diploma - Ebryology & Assisted Reproductive Technology (ART)
PG Diploma - Ebryology & Assisted Reproductive Technology (ART)
B.Sc. - Biotechnology, Biochemistry & Genetics
B.Sc. - Bioinformatics - Biology, Mathematics & Computer Science
B.Sc. - Microbiology, Chemistry & Genetics
B.Sc. - Mathematics, Statistics & Computer Science
B.Sc. - Physics, Chemistry & Mathematics
B.Sc. - Physics, Mathematics & Computer Science
B.Sc. - Medical Laboratory Technology
B.Sc. - Medical Radiology & Diagnostic Imaging
B.Sc. - Nutrition & Dietetics

School of Arts & Humanities

BA - Journalism, English & Psychology
BA - Political Science, Economics & Journalism
BA - Tourism, History & Journalism
BA - Journalism & Mass Communication
BA - Hons (English)

School of Performing Arts & Indic Studies

Certificate - Bharatnatyam
Certificate - Kuchipudi
Certificate - Kathak
Certificate - Mohiniyatam
Certificate - Odissi

Diploma - Bharatnatyam
Diploma - Kuchipudi
Diploma - Kathak
Diploma - Mohiniyattam
Diploma - Odissi
Diploma - Hindustani Vocals
Diploma - Carnatic Vocals
Diploma - Indic Studies

BA - Performing Arts, English & Psychology

Postgraduate Programmes

School of Applied Sciences

M.Sc. - Biotechnology
M.Sc. - Chemistry
M.Sc. - Mathematics
M.Sc. - Physics
M.Sc. - Microbial Technology
M.Sc. - Bioinformatics
M.Sc. - Biochemistry

School of Arts & Humanities

MA - English
MA - Journalism & Communication
M.Sc. - Psychology

School of Performing Arts & Indic Studies

MPA - Bharatnatyam
MPA - Kuchipudi
MPA - Kathak
MPA - Mohiniyattam
MPA - Odissi

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