CENTRE FOR DISTANCE AND ONLINE EDUCATION

MASTER OF COMPUTER APPLICATIONS (MCA)

ONLINE LEARNING MODE

PROGRAMME PROJECT REPORT (PPR)

2026-2027

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1. PREFACE

Computers have become ubiquitous part of modern life, and new applications are introduced every day. The use of computer technologies is also commonplace in all types of organizations, in academia, research, industry, government, private and business organizations. As computers become even more pervasive, the potential for computer-related careers will continue to grow and the career paths in computer-related fields will become more diverse. Since 2001, global information and communication technologies (ICTs) have become more powerful, more accessible, and more widespread. They are now pivotal in enhancing competitiveness, enabling development, and bringing progress to all levels of society.

The career opportunities for Master of Computer Applications graduates are plenty and growing. Programming and software development, information systems operation and management, telecommunications and networking, computer science research, web and Internet, graphics and multimedia, training and support, and computer industry specialists are some of the opportunities the graduates find.

REVA University is offer **Master of Computer Application (MCA)** online programme to create motivated, innovative, creative thinking post - graduates to fill the roles of software Engineers who can conceptualize, design, analyze and develop computer software to meet the modern-day industry requirements.

The programme is designed to meet the growing demand for qualified professionals in the field of Computer Applications. The MCA programme is inclined more toward application development and thus has more emphasis on latest programming languages and tools to develop better and faster applications. It covers various aspects of computational theory, network and database management, mobile technologies, electronics, mathematics, probability, statistics etc. The programme also deals with operation research, user interface design, M-commerce, e-commerce, internet of things, mobile computing, software testing and quality assurance, big data analytics, and many such areas intended to meet IT industry requirements.

The MCA program is designed keeping in view the current situation and possible future developments, both at national and global levels. This program is designed to give greater emphasis on computer applications. There are ample number of courses providing knowledge in specialized areas of network security, python programming and cloud computing etc. facilitating students to choose specialized areas of their interest. Adequate attention is given to provide students the basic concepts in computer applications.

The program is designed to expose students to various subjects having applications in computers, IT and electronics related industries through outcome based teaching and learning process which emphasizes practical exposure rather than memorization. A variety of activities such as mini projects, seminars, interaction with industries, cultural activities and social activities are in place to shape the all-round development of students.

Programme Overview

The online MCA program covers courses on the key areas of programming, software development, database systems, networking, cloud technologies, AI/ML and emerging IT innovations. The curriculum prepares the MCA students to build IT solutions efficiently due to their exposure to practical industrial applications and problem-solving.

The curriculum caters to and has relevance to local, regional, national and global development needs. All courses are focused on building skill, employability and entrepreneurship of students. Maximum number of courses are integrated with cross cutting issues with relevant to professional ethics, gender, human values, environment, and sustainability.

Features:

- Curriculum is designed based on Industry requirements
- 100% online for all courses
- Flexible in Learning with Recorded and Live Classes
- Advanced technical skills to equip learners.
- Access to Digital resources & Labs
- Expertise in project guidance
- Save your valuable time and travel expenses
- Technical sessions, Seminars and workshops by Industry experts
- Roadmap to meet the huge IT demands

Particulars	**Description**
Programme Name	Master of Computer Applications(MCA)
Duration	2 Years (4 Semesters)
Total Credits	96

Mode of Delivery	Online and Digital Learning	
Evaluation Scheme	**Component**	**Weightage**
	Internal Assessment (Objective)	30%
	External Assessment Semester-End Proctored Examination (Objective & Subjective)	70%
	Total	**100%**
Target Learners	• Working professionals • Graduates seeking career advancement through flexible learning • Entrepreneurs and technology start-up aspirants • Learners aspiring for specialization-driven technical and leadership roles	
Award	• Degree awarded: Master of Computer Applications (MCA) • Mode mentioned on certificate: Online Mode	

2. RUKMINI EDUCATIONAL CHARITABLE TRUST

It was the dream of late Smt. Rukmini Shyama Raju to impart education to millions of underprivileged children as she knew the importance of education in contemporary society. The dream of Smt. Rukmini Shyama Raju came true with the establishment of Rukmini Educational Charitable Trust (RECT), in the year 2002. Rukmini Educational Charitable Trust (RECT) is a Public Charitable Trust, set up in 2002 with the objective of promoting, establishing and conducting academic activities in the fields of Arts, Architecture, Commerce, Education, Engineering, Environmental Science, Legal Studies, Management and Science & Technology, among others. In furtherance of these objectives, the Trust has set up the REVA Group of Educational Institutions comprising of REVA Institute of Technology & Management (RITM), REVA Institute of Science and Management (RISM), REVA Institute of Management Studies (RIMS), REVA Institute of Education (RIE), REVA First Grade College (RFGC), REVA Independent PU College at Kattigenahalli, Ganganagar and Sanjaynagar and now REVA University. Through these institutions, the Trust seeks to fulfill its vision of providing world class education and create abundant opportunities for the youth of this nation to excel in the areas of Arts, Architecture, Commerce, Education, Engineering, Environmental Science, Legal Studies, Management and Science & Technology.

Every great human enterprise is powered by the vision of one or more extraordinary individuals and is sustained by the people who derive their motivation from the founders. The Chairman of the Trust is Dr. P. Shyama Raju, a developer and builder of repute, a captain of the industry in his own right and the Chairman and Managing Director of the DivyaSree Group of companies. The idea of creating these top notched educational institutions was born of the philanthropic instincts of Dr. P. Shyama Raju to do public good, quite in keeping with his support to other socially relevant charities such as maintaining the Richmond Road park, building and donating a police station, gifting assets to organizations providing accident and trauma care, to name a few.

The Rukmini Educational Charitable Trust drives with the main aim to help students who are in pursuit of quality education for life. REVA is today a family of ten institutions providing education from PU to Post Graduation and Research leading to PhD degrees. REVA has well qualified experienced teaching faculty of whom majority are doctorates. The faculty is supported by committed administrative and technical staff. Over 13,000 students study various courses across REVA's three campuses equipped with exemplary state-of-the-art infrastructure and conducive environment for the knowledge driven community.

3. REVA UNIVERSITY OVERVIEW AND ACADEMIC LANDSCAPE

REVA University has been established under the REVA University Act, 2012 of Government of Karnataka and notified in Karnataka State Gazette No. 80 dated 27thFebruary, 2013. The University is empowered by UGC to award degrees any branch of knowledge under Sec.22 of the UGC Act. The University is a Member of Association of Indian Universities, New Delhi. The main objective of the University is to prepare students with knowledge, wisdom and patriotism to face global challenges and become the top leaders of the country and the globe in different fields.

REVA University located between Kempegowda International Airport and Bangalore city, has a sprawling green campus spread over 45 acres of land and equipped with state-of-the-art infrastructure that provide conducive environment for higher learning and research. The REVA campus has well equipped laboratories, custom-built teaching facilities, fully air-conditioned library and central computer centre, the well-planned sports facility with cricket ground, running track & variety of indoor and outdoor sports activities, facilities for cultural programs. The unique feature of REVA campus is the largest residential facility for students, faculty members and supportive staff.

The University is presently offering 23 Post Graduate Degree programs, 20 Degree and PG Degree programs in various branches of studies and has 12000+ students studying in various branches of

knowledge at graduate and post graduate level and 302 Scholars pursuing research leading to PhD in 18 disciplines. It has 800+ well qualified, experienced and committed faculty members of whom majority are doctorates in their respective areas and most of them are guiding students pursuing research leading to PhD.

The programs being offered by the REVA University are well planned and designed after detailed study with emphasis on knowledge assimilation, applications, global job market and their social relevance. Highly qualified, experienced faculty and scholars from reputed universities / institutions, experts from industries and business sectors have contributed in preparing the scheme of instruction and detailed curricula for this program. Greater emphasis on practice in respective areas and skill development to suit to respective job environment has been given while designing the curricula. The Choice Based Credit System and Continuous Assessment Graded Pattern (CBCS – CAGP) of education has been introduced in all programs to facilitate students to opt for subjects of their choice in addition to the core subjects of the study and prepare them with needed skills. The system also allows students to move forward under the fast track for those who have the capabilities to surpass others. These programs are taught by well experienced qualified faculty supported by experts from industries, business sectors and such other organizations. REVA University has also initiated many supportive measures such as bridge courses, special coaching, remedial classes, etc., for slow learners so as to give them the needed input and build in them confidence and courage to move forward and accomplish success in their career. The University has also entered into MOUs with many industries, business firms and other institutions seeking their help in imparting quality education through practice, internship and also assisting students' placements.

REVA University recognizes the fact that research, development and innovation are the important functions of any university has established an independent Research and Innovation division headed by a senior professor as Dean of Research and Innovation. This division facilitates all faculty members and research scholars to undertake innovative research projects in engineering, science & technology and other areas of study. The interdisciplinary-multidisciplinary research is given the topmost priority. The division continuously liaisons between various funding agencies, R&D Institutions, Industries and faculty members of REVA University to facilitate undertaking innovative projects. It encourages student research projects by forming different research groups under the guidance of senior faculty members. Some of the core areas of research wherein our young faculty members are working include Data Mining, Cloud Computing, Image Processing, Network Security, VLSI and Embedded Systems, Wireless Censor Networks, Computer Networks, IOT, MEMS, Nano-

Electronics, Wireless Communications, Bio-fuels, Nano-technology for coatings, Composites, Vibration Energies, Electric Vehicles, Multilevel Inverter Application, Battery Management System, LED Lightings, Renewable Energy Sources and Active Filter, Innovative Concrete Reinforcement, Electro Chemical Synthesis, Energy Conversion Devices, Nano-structural Materials, Photo-electrochemical Hydrogen generation, Pesticide Residue Analysis, Nano materials, Photonics, Nana Tribology, Fuel Mechanics, Operation Research, Graph theory, Strategic Leadership and Innovative Entrepreneurship, Functional Development Management, Resource Management and Sustainable Development, Cyber Security, General Studies, Feminism, Computer Assisted Language Teaching, Culture Studies etc.

The REVA University has also given utmost importance to developing the much-required skills through variety of training programs, industrial practice, case studies and other activities that induce the said skills among all students. A full-fledged Career Development and Placement (CDC) department with world class infrastructure, headed by a dynamic experienced Professor & Dean, and supported by well experienced Trainers, Counselors and Placement Officers.

The University also has University-Industry Interaction and Skill Development Centre headed by a Senior Professor & Director facilitating skill related training to REVA students and other unemployed students. The University has been recognised as a Centre of Skill Development and Training by NSDC (National Skill Development Corporation) under Pradhan Mantri Kaushal Vikas Yojana. The Centre conducts several add-on courses in challenging areas of development. It is always active in facilitating student's variety of Skill Development Training programs.

The University has collaborations with Industries, universities abroad, research institutions, corporate training organizations, and Government agencies such as Florida International University, Okalahoma State University, Western Connecticut University, University of Alabama, Huntsville, Oracle India Ltd, Texas Instruments, Nokia University Relations, EMC2, VMware, SAP, Apollo etc, to facilitate student exchange and teacher–scholar exchange programs and conduct training programs. These collaborations with foreign universities also facilitate students studying some of the programs partly in REVA University and partly in foreign university, viz, M.S in Computer Science one year in REVA University and the next year in the University of Alabama, Huntsville, USA.

The University has also given greater importance to quality in education, research, administration and all activities of the university. Therefore, it has established an independent Internal Quality division headed by a senior professor as Dean of Internal Quality. The division works on planning, designing and developing different quality tools, implementing them and monitoring the

implementation of these quality tools. It concentrates on training entire faculty to adopt the new tools and implement their use. The division further works on introducing various examination and administrative reforms.

To motivate the youth and transform them into innovative entrepreneurs, successful leaders of tomorrow and committed citizens of the country, REVA organizes interaction between students and successful industrialists, entrepreneurs, scientists and such others from time to time. As a part of this exercise great personalities such as Bharat Ratna Prof. C. N. R. Rao, a renowned Scientist, Dr. N R Narayana Murthy, Founder and Chairman and Mentor of Infosys, Dr. K Kasturirangan, Former Chairman ISRO, Member of Planning Commission, Government of India, Dr. Balaram, Former Director IISc., and noted Scientist, Dr. V S Ramamurthy, Former Secretary, DST, Government of India, Dr. V K Aatre, noted Scientist and former head of the DRDO and Scientific Advisor to the Ministry of Defence Dr. Sathish Reddy, Scientific Advisor, Ministry of Defence, New Delhi and many others have accepted our invitation and blessed our students and faculty members by their inspiring addresses and interaction.

As part of its commitment to motivating and inspiring the youth, REVA University has instituted a range of awards, medals and prizes to recognise excellence and outstanding contributions in academics, research, innovation, sports, culture, social service and other fields. The University also honours distinguished personalities who have made significant contributions to society and the nation through the REVA Lifetime Achievement Award. The award recognises eminent personalities who have made a lasting impact in their respective fields and is presented as part of the University's annual Founder’s Day Celebration.

The tradition of the REVA Lifetime Achievement Award was initiated in 2015 to recognise eminent personalities who have made significant contributions in their respective fields. The first award was conferred upon Shri A. S. Kiran Kumar, former Chairman, ISRO, in 2015, during the Founder’s Day Celebration held on 6 January 2016, followed by Shri Shekhar Gupta, renowned journalist, in 2016, on 6 January 2017. Subsequently, Dr. K. J. Yesudas, renowned playback singer, was honoured in 2017; Dr. Manju Sharma, Dr. K. Viswanath and Dr. Hamsalekha in 2019; Dr. Krishnaswamy Kasturirangan and Shri K. Raghavendra Rao in 2020; and Dr. Chandrashekar Kambar, Dr. Tessy Thomas and Dr. V. Ravichandran in 2022. In 2026, the award was conferred upon Air Chief Marshal Fali H. Major, former Chief of the Air Staff, Indian Air Force; Ms. Nirupama Menon Rao, former Foreign Secretary and Ambassador of India; and Ms. Jayasudha, renowned Indian actress. Through

this prestigious recognition, REVA University continues to honour distinguished personalities whose achievements and contributions have made a significant and lasting impact on society and the nation.

REVA University places strong emphasis on the holistic development of students by providing opportunities to nurture their intellectual, creative, cultural, physical and social abilities. The University organises a wide range of cultural, literary, artistic, technical and co-curricular activities throughout the academic year. These initiatives enable students to discover and develop their talents, build confidence, demonstrate creativity, develop leadership and teamwork skills, and appreciate India's rich cultural heritage, traditions, ethical values and social responsibilities.

Cultural activities are conducted at the School and University levels through student clubs, cultural forums and major institutional events. The University's annual REVAMP continues to provide a platform for students to showcase their talents and participate in cultural, literary, sports and other co-curricular activities. The University also provides opportunities for students from other institutions to participate in intercollegiate activities, thereby promoting interaction, healthy competition, institutional bonding and national integration. In addition to REVAMP, various Schools organise cultural events and talent platforms through which students are encouraged to express themselves and participate actively in campus life.

The University has further strengthened its focus on India's cultural heritage through initiatives such as the Cultural Heritage Club, cultural heritage celebrations and activities conducted by the School of Performing Arts and Indic Studies. Recent programmes have included traditional art activities, storytelling sessions, classical dance workshops, cultural competitions, theatre, music concerts and other performing-arts initiatives. In 2025, the Cultural Heritage Day programme provided students with opportunities to engage with traditional art forms, storytelling and Bharatanatyam, while SANSKRITI 2026 included traditional painting, heritage quizzes, classical and folk dance and classical singing competitions. Such initiatives provide students with experiential exposure to India's diverse cultural traditions while encouraging creativity and cultural awareness.

The School of Performing Arts and Indic Studies also conducts regular cultural and artistic programmes, including theatre productions, music concerts, cultural workshops, international conferences and Kala-Sanje, a monthly cultural event. These activities provide students with opportunities to participate in and learn different forms of Indian and contemporary performing arts while strengthening their appreciation of cultural heritage.

Another important institutional tradition is Shubha Vidaaya – Graduation Day, organised to commemorate the completion of the academic journey of graduating students. The occasion provides

an opportunity to felicitate outgoing students and celebrate their achievements while inspiring them to pursue their future careers with integrity, responsibility and commitment to society. Eminent personalities and distinguished guests address the graduating students and encourage them to become responsible citizens and contribute meaningfully to their respective professions and society. Students who have excelled in academic, research, sports, cultural activities and other areas are also recognised through awards, medals and prizes. The tradition of recognising student excellence through Shubha Vidaaya has been an integral part of the University's academic culture.

REVA University also encourages excellence in sports and physical activities by recognising students who achieve distinction at university, state, national and international levels. Medals, prizes and awards are presented to outstanding sports achievers as part of the University's continuing efforts to promote physical fitness, discipline, teamwork, leadership and competitive spirit among students.

University gives equal importance to health and well-being as components of holistic education. Regular Yoga programmes and wellness activities are organised for the University community, supporting physical fitness, mental well-being, concentration, self-discipline and emotional balance. The University also participates in and organises activities associated with the International Day of Yoga and other wellness initiatives. These programmes complement academic learning by encouraging students and members of the University community to adopt healthy and balanced lifestyles.

REVA University's commitment to cultural enrichment also extends to contemporary student engagement. Freshers' programmes and student-centred cultural activities provide new students with opportunities to showcase their creativity, confidence and individual talents while building friendships and developing a sense of belonging to the University community. Recent initiatives such as IGNITE 2026 and MERAKI 2026 – Freshers' Week have combined cultural, creative, academic and sporting activities to facilitate student participation and engagement.

The University's commitment to excellence has also been recognised through several national and international rankings, awards and institutional recognitions. REVA University has been accredited with NAAC A+ and continues to be recognised in prominent national and international ranking frameworks. In the NIRF 2025, the University was placed in the 151–200 rank band in the University category and the 201–300 rank band in Engineering. In the THE World University Rankings 2026, REVA University was placed in the global 1501+ band, while in the THE Asia University Rankings 2026, it was placed in the 601–800 band and ranked 7th in Karnataka.

The University's schools and programmes have also received recognition in discipline-specific rankings. The GHRDC Rankings 2026 placed REVA University at Rank 1 in India, Karnataka and the South Region for MCA, Rank 2 in India, Karnataka and the South Region for Commerce, and among the leading institutions in BCA, Architecture, BBA, Law and Engineering. REVA has also received recognition through The Week, QS, THE Sustainability Impact Rankings, the Institutional Innovation Council, the Sustainable Institutions of India Green Rankings and other national and international platforms.

In addition to rankings, REVA University has received recognition for innovation, digital transformation, sustainability, employability and student project excellence. These include the Digii100 Award for Digital Excellence in Higher Education, the Making India Employable – Excellence in Higher Education Award 2025, recognition as a Best Performing College under the Karnataka State Council for Science and Technology Student Project Programme, and a 4-Star rating under the Institutional Innovation Council for 2023–24.

Through its continuing efforts in recognising excellence, promoting cultural heritage, encouraging sports and wellness, supporting creativity and innovation, and providing opportunities for meaningful student engagement, REVA University seeks to create an educational environment that goes beyond academic achievement. These initiatives contribute to the development of confident, creative, ethical, socially responsible and professionally competent graduates who are prepared to contribute positively to society and the nation.

REVA University Vision

To become a technologically advanced, sustainable global university dedicated to the wellbeing of all.

REVA University Misson

- Provide learner-centric education leveraged with cutting edge technologies.
- Foster stewardship by nurturing talent, leadership qualities, and entrepreneurial thinking in a safe and secure environment.
- Promote liberal studies and foster the pursuit of performing arts, literature, sports, and other creative and intellectual disciplines.
- Promote a culture of collaboration and cooperation.
- Serve humanity and promote sustainability through higher education based on universal values.

Objectives

- Developing a sense of ethics in the University and community, making it conscious of its obligations to society and the nation.
- Performing all the functions of interest to its major constituents like faculty, staff, students, and the society to reach a leadership position.
- Smooth transition from teacher-centric focus to learner-centric processes and activities.
- To offer high-quality education in a competitive manner.
- Creation, preservation and dissemination of knowledge and attainment of excellence in different disciplines.

4. PROGRAMME VISION, MISSION AND OBJECTIVES

Programme Vission

To attain global leadership in higher education and human development for innovation and excellence in computer science producing industry-ready and future-ready professionals committed to sustainable and ethical technological advancements

Programme Mission

- To provide high quality online education in computer applications through a strong foundation in computing, programming logic and algorithmic thinking and agile-based software engineering principles.
- To foster teamwork, address real-world challenges, problem solving and innovation using advanced and secured computational tools with a focus on ethical and sustainable practices.
- To cultivate a spirit of continuous learning in research and professional growth by adapting emerging technologies and emerging industry standards.
- To develop socially responsible professionals capable of delivering sustainable and impactful IT solutions.

Programe Educational Objectives (PEO's)

The aim of the programme is to produce postgraduates with advanced knowledge and understanding of Computer Science and Applications with higher order critical, analytical, problem solving and

transferable skills; with ability to think rigorously and independently to meet higher level expectations of ICT industry, academics, and research establishments or take up venture.

The Programme Educational Objectives (PEOs) describe the accomplishments expected of graduates within 3–5 years after completion of the programme. Graduating students from the program will be able to:

PEO1: Establish successful careers as software professionals by applying advanced secure computing techniques using contemporary tools and methodologies to build an effective software and IT solutions.

PEO2: Emerge in research and innovative practices by engaging lifelong learning to contribute to sustainable societal and technological development.

PEO3: Demonstrate leadership, teamwork, ethical responsibility and professional competence with adaptability in diverse and dynamic environments

Programme Specific Outcomes (PSO's)

After successful completion of the programme, the graduates will be able to

PSO1: Demonstrate proficiency in programming logic and algorithmic thinking applied to build robust, scalable and efficient IT solutions. (PO1-4)

PSO2: Leverage teamwork to transform the real-world challenges into complete IT solutions through advanced computing tools, agile methods and responsible project management principles with a focus on ethical and sustainable practices. (PO2-7).

PSO3: Cultivate a spirit of inquiry and lifelong learning through research, innovation, and continued education to adapt to emerging technologies and evolving industry practices. (PO2, 4, 8).

Program Outcomes (POS)

Graduates of the program will be able to:

PO1 (Foundation Knowledge): Apply knowledge of mathematics, programming logic and coding fundamentals for solution architecture and problem solving.

PO2 (Problem Analysis): Identify, review, formulate and analyse problems primarily focussing on customer requirements using critical thinking frameworks.

PO3 (Development of Solutions): Design, develop and investigate problems with an innovative approach for solutions incorporating ESG/SDG goals.

PO4 (Modern Tool Usage): Select, adapt and apply modern computational tools such as development of algorithms with an understanding of the limitations including human biases.

PO5 (Individual and Teamwork): Function and communicate effectively as an individual or a team leader in diverse and multidisciplinary groups. Use methodologies such as agile.

PO6 (Project Management and Finance): Use the principles of project management such as scheduling, work breakdown structure and be conversant with the principles of Finance for profitable project management.

PO7 (Ethics): Commit to professional ethics in managing software projects with financial aspects. Learn to use new technologies for cyber security and insulate customers from malware.

PO8 (Life-long learning): Change management skills and the ability to learn, keep up with contemporary technologies and ways of working.

5. RELEVANCE OF THE PROGRAM WITH HEI'S MISSION AND GOALS

The Master of Computer Applications (MCA) – Online & Digital Learning Mode is strategically designed to advance and operationalize the overall mission, vision, and institutional goals of Higher Education Institution's (HEI).

Alignment with the Core Mission of the Higher Education Institution

Higher Education Institutions aim to:

- Deliver quality education
- Ensure inclusivity and accessibility
- Strengthen industry and societal engagement
- Enhance employability
- Promote research and innovation
- Foster ethical and socially responsible leadership

The MCA Online programme contributes to these objectives in the following ways:

1. Contribution to Academic Excellence and Quality Education

HEI Mission Component: The Programme provides high-quality, outcome-based education through the following:

- Structured 96-credit curriculum designed as per UGC Online Regulations.
- Outcome-Based Education (OBE) framework with PEO–PO–PSO alignment.
- Continuous Internal Assessment and Proctored External Examination.
- Industry-integrated case studies and applied projects.
- Specialization continuity ensuring academic depth.

Thus, the programme strengthens REVA University's commitment to academic rigor and regulatory compliance in online higher education.

2. Contribution to Access, Equity, and Inclusivity

HEI Mission Component: The Programme expands access to higher education across socio-economic groups through the following:

- Removes geographical barriers through digital delivery.
- Enables working professionals to pursue higher education without career interruption.
- Provides access to learners from rural and semi-urban regions.
- Supports women returnees and career-transition professionals.
- Flexible internship model accommodating employed learners.

This directly supports the HEI's responsibility to democratize higher education and widen participation.

3. Contribution to Industry Integration and Employability

HEI Mission Component: The Programme promotes employability and industry-linked learning through the following:

- Three-Stage Industry Engagement Model:
  - ✓ Case-based exposure
  - ✓ Skill based development across semesters
  - ✓ Practical and Specialization
  - ✓ Major Projects
- Career Acceleration Lab (resume mapping, interview readiness, consulting preparation).
- Specialization-based skill depth.
- Integration of analytics, AI, ESG, and digital enterprise systems.

This ensures that the programme does not remain theoretical but aligns directly with labor market and industry expectations.

4. Contribution to Research, Innovation, and Knowledge Creation

HEI Mission Component: The Programme promotes research orientation and innovation culture through the following:

- Applied Research through projects
- Technology Driven exploration
- Problem Solving and Analytics
- AI integration across semesters.
- Major Industry-Based Project (dissertation format).

This enhances research capacity and innovation culture within the HEI's academic ecosystem.

5. Contribution to Responsible and Sustainable Development

HEI Mission Component: The programme promotes ethical values, responsible computing, and sustainability through the following:

- **Responsible Use of Technology:**
  - ✓ Courses like Cyber Security emphasize data privacy, cyber laws, and ethical computing practices.
- **Sustainable Computing Practices:**
  - ✓ Concepts in cloud computing, networking, and system design encourage efficient and responsible use of computing resources.
- **Innovation for Societal Impact:**
  - ✓ Courses such as Research Methodology promote research culture to provide solutions to real-world and societal challenges.
- **Programme Outcomes (PO5, PO7 and PO8):**
  - ✓ Programme outcomes explicitly emphasize professional ethics, societal responsibility, and environmental sustainability in computing practices.

This ensures alignment with national priorities (NEP 2020, SDGs) and the University's societal responsibilities

6. Contribution to Digital Transformation of the Institution

HEI Mission Component:

The programme promotes technology-enabled education and digital excellence through the following:

- **LMS-Driven Academic Delivery:**
  - ✓ The programme is delivered through a fully integrated Learning Management System (LMS), enabling access to learning resources, assessments, and interactive sessions.
- **Online Assessment and Evaluation:**
  - ✓ The programme utilizes online assessment mechanisms, including proctored examinations and continuous evaluation methods.
- **Digital Learning Resources and Support:**
  - ✓ E-study materials, self-assessment tools, and digital student support systems enhance the overall learning experience.
- **Flexible and Scalable Online Education Model:**
  - ✓ The programme supports flexible, remote learning and contributes to the institution's digital education initiatives.

This programme strengthens REVA University's strategic expansion in digital and online education.

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6. NATURE OF PROSPECTIVE TARGET GROUP OF LEARNERS

The programme caters to:

- Working professionals seeking great positions in IT Industry.
- Entrepreneurs and startup founders.
- Graduates aspiring for software development, analytics, AI/ML, cloud computing and IT leadership roles
- Graduates seeking specialization-based career roles.
- Learners in geographically remote areas seeking access to quality higher education.
- Professionals seeking analytics and digital upskilling.

The flexible online design ensures accessibility, affordability, and career continuity.

7. APPROPRIATENESS OF ONLINE MODE FOR SKILL ACQUISITION

The MCA curriculum is highly suitable for Online Mode because:

- Conceptual knowledge is deliverable through structured LMS modules.
- Case discussions, analytics tools, simulations, and projects are digitally deliverable.
- Industry immersion can be conducted virtually.
- Programming and practical skills can be developed through coding platforms, virtual labs, and guided assignments.
- Hands-on learning is supported through lab-based courses in programming, databases, cloud computing, and machine learning.
- Project-based learning enables students to apply concepts and develop real-world applications in a digital environment.
- Assessment integrity can be maintained through proctored systems.

The programme develops:

- Technical and programming expertise
- Problem-solving and analytical skills
- Digital and analytics competence
- Ethical and sustainability orientation
- Software architecture capability
- System design competency
- Technical communication skills

8. PROGRAMME INSTRUCTIONAL DESIGN

Curriculum Architecture –Semester Wise Progression

Program Code: DEOL

FIRST SEMESTER							
Sl. No	**Course Code**	**Course Title**	**Type**	**Credit Pattern**			**Credits**
				L	**T**	**P**	
1	M26DEOL0101	Mathematics for Computer Applications	HC	3	1	0	4
2	M26DEOL0102	Object Oriented Programming using JAVA	HC	3	1	0	4
3	M26DEOL0103	Relational Database Management Systems	HC	3	1	0	4
4	M26DEOL0104	Operating Systems	HC	3	1	0	4
5	M26DEOL0105	Software Engineering	HC	3	1	0	4
Practical Courses							
6	M26DEOL0106	JAVA Lab	HC	0	0	2	2
7	M26DEOL0107	RDBMS Lab	HC	0	0	2	2
Total Credits							**24**

Bridge Course: (Non – creditable courses)

Sl No	**Course Code**	**Title of the Course**	**Theory/Practical**
B1	M26DEOLB101	Data Structures using C	Theory
B2	M26DEOLB102	Basic Mathematics	Theory

Note: Mandatory for the

1. Candidates from a **Non–Computer Science background with Mathematics** shall be required to enroll in **B1 Bridge Courses**.
2. Candidates from a **Non–Computer Science background without Mathematics** shall be required to enroll in **all prescribed Bridge Courses**.

SECOND SEMESTER							
Sl. No	**Course Code**	**Course Title**	**Type**	**Credit Pattern**			**Credits**
				L	**T**	**P**	
1	M26DEOL0201	Design and Analysis of Algorithm	HC	3	1	0	4
2	M26DEOL0202	Python Programming	HC	3	1	0	4
3	M26DEOL0203	Computer Networks	HC	3	1	0	4
4	M26DEOL0204	Web Development Framework	HC	3	1	0	4
5	M26DEOL0205	Artificial Intelligence	HC	3	1	0	4
Practical Courses							
6	M26DEOL0206	Python Lab	HC	0	0	2	2
7	M26DEOL0207	Web Programming Lab	HC	0	0	2	2
Total Credits							24

THIRD SEMESTER							
Sl. No	**Course Code**	**Course Title**	**Type**	**Credit Pattern**			**Credits**
				L	**T**	**P**	
1	M26DEOL0301	Machine Learning	HC	3	1	0	4
2	M26DEOL0302	Cloud Computing	HC	3	1	0	4
3	M26DEOL0303	Big Data Analytics	HC	3	1	0	4
4	M26DEOL0304	Internet of Things	HC	3	1	0	4
5	M26DEOLS311	Advanced Software Engineering Principles	SC	3	1	0	4
	M26DEOLS312	Advanced Database Management Systems					
	M26DEOLS313	Advanced Computer Networks					
	M26DEOLS314	UI / UX					
Practical Courses							
6	M26DEOL0305	Machine Learning Lab in Python	HC	0	0	2	2
7	M26DEOL0306	Data Analytics using R Lab	HC	0	0	2	2
Total Credits							**24**

FOURTH SEMESTER							
Sl. No	**Course Code**	**Course Title**	**Type**	**Credit Pattern**			**Credits**
				L	**T**	**P**	
1	M26DEOL0401	Research Methodology	HC	3	1	0	4
2	M26DEOL0402	Deep Learning	HC	3	1	0	4
3	M26DEOLS411	Cloud AI	SC	3	1	0	4
	M26DEOLS412	Business Intelligence					
	M26DEOLS413	Cyber Security Analytics					
4	M26DEOLS421	Agile Project Management and Testing	SC	3	1	0	4
	M26DEOLS422	Human Computer Interaction					
	M26DEOLS423	Natural Language Processing					
Project							
5	M26DEOL0403	Major Project Work and Viva-voce	HC	0	0	8	8
Total Credits							**24**

CREDIT SUMMARY	
Semester	**Credits**
First	**24**
Second	**24**
Third	**24**
Fourth	**24**
TOTAL	**96**

CURRICULUM STRUCTURE				
Type of Course	**No. of Courses**	**Offered in Semester**	**Credits**	**Total Credits**
HC	22	1,2,3,4	76	96
SC	9	3,4	12	
HC-Project	1	4	8	

LEGENDS	
Type	**Brief**
HC	Hard Core (HC): A compulsory course that forms an essential part o the programme's core curriculum. It provides fundamental and advanced knowledge in the primary discipline and is mandatory for all students of the programme.
SC	Soft Core (SC): A course that provides additional or specialized knowledge within the discipline, offering students some flexibility in selecting courses according to their academic interests and learning needs.
HC-Project	Hard Core – Project (HC-Project): A compulsory project component that enables students to apply the knowledge and skills acquired during the programme to a practical or real-world problem. It involves systematic planning, implementation, analysis, documentation, and presentation of the project outcomes.

9. FACULTY AND SUPPORT STAFF REQUIREMENT

1) Programme Coordinator (One per Programme): A full-time Faculty in the subject area of the concerned Programme shall serve as the Programme Coordinator for the Online MCA Programme. The Programme Coordinator shall be responsible for overall coordination of the development, delivery and assessments of the learners in an Online Programme.
2) Course Coordinator (One per Course): An Online Programme may have more than one Course. In such a case, one full-time dedicated Faculty in the subject area of the concerned Course shall be Course Coordinator for each of the Courses of an Online Programme. The

Course Coordinator shall coordinate the development, delivery and assessments of the learners in the Course.

3) Course Mentor (One per batch of 250 learners): Course Mentor shall assist the Programme/Course Coordinator in providing academic support to learners and also in managing virtual teacher-learner interaction groups.
4) Examiners: For the assessment of the online learners in a Course from among the qualified faculty from within the Institution or from other Institutions.
5) Student Support Services: Student would have the access to connect with the SRO for support services offered by Center for Distance & Online Education (CDOE), REVA UNIVERSITY in case of any queries related to administration and general technical queries. A ticketing system integrated on the LMS would help the learner to connect with the CDOE, REVA UNIVERSITY technical team for support services which shall be duly resolved by the appropriate authority. A notification will also be sent to the Deputy Registrar, to ensure queries are resolved within 24 hours or sooner. For academic course based queries, the student will raise query which will be directly notified to the Course Coordinator, Program Coordinator and Deputy Director through an open discussion form. The query should be resolved within 48 hours of the query raised; otherwise the matter should be managed and resolved by the Program Coordinator. The same should be ensured by the Deputy Director.

10.PROCEDURE FOR ADMISSIONS AND CURRICULUM TRANSACTION

i. Appropriateness of Online MCA Programme and Prospective Target Group of Learners

The Online MCA Programme of REVA University is designed to provide flexible, industry-oriented education through digital learning mode. The programme aims to develop advanced computing knowledge, analytical thinking, software development capability, digital competence, innovation, and responsible technology practices among learners.

The programme is suitable for:

- Working professionals seeking career growth or promotion
- Entrepreneurs and start-up aspirants
- Graduates aspiring for software development, data analytics, AI/ML, cybersecurity and cloud careers
- IT professionals seeking technical leadership roles
- Individuals who could not pursue regular MCA due to limited intake or other constraints
- Learners who discontinued education due to social, financial, or personal reasons
- Learners residing in remote areas with limited access to higher education institutions
- Individuals of any age who require flexible learning schedules

ii. Procedure for Admission

Candidates seeking admission to the Online MCA Programme offered by the Center for Distance & Online Education (CDOE), REVA University, must apply through www.online.reva.edu.in

a. **Minimum Eligibility Criteria for Admission**

As per UGC guidelines:

- A Bachelor's Degree of minimum 3 years duration from a recognized University.
- Minimum 50% marks in qualifying examination (45% for reserved categories as per Government norms).
- Degree must be from a recognized University approved by the regulatory authorities of Government of India.

The learner must fulfill all documentation requirements as mentioned on the University website at the time of admission. Admission shall remain provisional until verification of all original documents. The admission will stand cancelled if the candidate fails to submit proof of eligibility within the stipulated time prescribed by the University.

Candidates are advised to carefully read all instructions provided in the Programme Prospectus before

filling out the online application form.

b. Online MCA Admission Process

The admission process is fully online and involves the following steps:

Step	Process	Particulars
Step 1	**Counselling**	Prospective students would be counselled for the chosen program by designated and authorized counsellors
Step 2	**Registration on admission portal to get access to My Account.**	Prospective student registers by paying ₹1450 as registration fee. Fill all the details in the application form and upload all the mandatory documents.
Step 3	**Details of Document upload for Online MCA programme**	Student Uploads document as follows- **Personal Documents:** i. Passport-size Photograph with Student's Signature ii. Aadhar Card (Back & Front) iii. Passport (For International Student) **Academic Documents:** i. 10th Marksheet ii. 12th Marksheet iii. Other Certificates **(detailed list of documents is provided in below Table:**)
Step 4	**Scholarship Details**	Student will be eligible for below categories- i. Merit Base ii. REVA Alumni iii. Extra Curriculum Excellence iv. REVA Employees As per the Notice by Deputy Registrar | Department of Administration, of REVA University.
Step 5	**Verification of documents by the Deputy Registrar**	Deputy Registrar, Department of Administration verifies all the uploaded documents by the prospective student on the admission portal and approve/disapprove within 48 hours the eligibility for the chosen program.
Step 6	**Undertaking**	Student will sign Undertaking after Approval in Application.

Step 7	**Payment of fees**	All eligible students, duly approved by the Deputy Registrar, will get fees payment notification link for payment. The Fee is payable through any of the following means: i. UPI ii. Credit/Debit Card iii. Net-banking Note: Cash, bank demand draft and Cheques are not accepted
Step 8	**Enrolment**	After the payment of program fee, the eligible student will get the Enrolment number and access to the LMS.
Step 9	**Access to Learning Management System (LMS)**	

Admission Documents	**Format (JPEG/PNG/PDF)**	**Documents Size**
Duly filled online application form with student signature	Digital signature/Student signature JPEG/PNG	20 KB
Colour scan copy of all year/semester mark sheet/grade cards (of UG programs) or consolidated mark sheet/grade cards also accepted.	PDF/JPEG	500 KB
Colour scan copy of 10th std. Mark sheet/grade card	PDF/JPEG	
Colour scan copy of 12th std./ Three-Year Polytechnic Diploma Mark sheet/grade card	PDF/JPEG	
Colour scan copy of passport size photograph	JPEG or PNG Format	50 KB
Colour scan copy of Govt. Photo id proof, Aadhar card is mandatory. (Other options: Voter's id, Driving License, Passport etc.)	PDF/JPEG	100 KB

In case of name change, Gazette notification documents for name changes	PDF	500 KB
For married women – marriage certificate would be accepted – provided previous maiden name is clearly mentioned in the same.		
In case of deferred Father name or mother name in such cases without a Gazette notification document.		
If foreign student: colour scan copy of passport	PDF/JPEG	500 KB
Fees submission transaction details or receipt as per University policy for respective online programs	PDF/JPEG	500 KB
Digitally Signed undertaking as per the process	PDF	500 KB

c. General Instructions

1. All students should carefully read and understand the eligibility conditions given in student handbook document and mentioned on the university website before applying for the online programs.
2. The prospective learner has to ensure that their education/qualifying degree has been issued from a recognized university/board only. For learners from an Indian higher education institution, it should be recognized by the regulatory authority of Government of India. For recognized Board of Education to check www.cobse.org.in/ while for Polytechnic Diploma check the respective State Board of Technical Education. To verify degrees from www.ugc.ac.in for recognized universities. For foreign prospective learners they may verify their institutions from www.aiu.ac.in.
3. Prospective learner to check their eligibility on the date of admission and should have passed the qualifying exams before the start of admission batch.
4. Registration fees of ₹1450 is non-refundable.
5. Students after enrolment must be registered with ABC (Academic Bank of Credits) a central scheme for depositing credit formulated by Ministry of Education, Govt. of India. Academic Bank of Credits (ABC) ID creation is mandatory for all students.

d. Academic Bank of Credits (ABC) – ID Creation

All students must be registered with ABC (Academic Bank of Credits) a central scheme for depositing credit formulated by the Ministry of Education, Govt. of India. ABC Id creation is mandatory for all the enrolled students especially students of Indian nationality. The ABC Id can be created by students themselves using Digi-locker, UMANG application, ABC portal or Academic Institution Portal. The process for which is provided below.

Process	• Students can register by logging in at www.abc.digilocker.gov.in • Click on My Account → Login as Student • Click on "Sign up with DigiLocker" → Enter valid mobile number → An OTP is sent at the phone number via SMS → Enter the OTP and click on "Continue" button → Enter Security PIN set created during Sign Up and click "Submit" Button • You will be prompted with ABC student account creation window
Documents and proofs Required	• Aadhaar Card is mandatory for ABC Id creation • Learners Name • Date of Birth • Gender • Enrolment Number • Requirements by Academic Institution • Mobile Number

*The University will provide necessary support for ABC ID creation.

iii. Curriculum Transaction:

Programme fee will be displayed on www.online.reva.edu.in from time to time. NBFC finance options will be made available for the students. The details of the same will be www.online.reva.edu.in.

11.PROGRAMME DELIVERY MECHANISM

REVA University has a fully dedicated team of faculty members and staff who are well versed in delivering online lectures under the Center for Distance & Online Education (CDOE), REVA University. Academic calendar will be provided to students at the beginning of each session through LMS. Self-learning material, audio and video content will be shared with the students through LMS through following four Quadrants approach.

- Quadrant-I: This includes number of weeks required based on the credits. Ex: for 4 credits – 12 weeks
- Quadrant- II: This involves a combination of live classes or use a discussion forum. Students can participate in these interactive live classes or use a discussion forum to clarify doubts with subject matter experts and share views associated with Lectures and tutorials
- Quadrant-III: This involves the combination of e-content and e-tutorial. The e-content provides self-instructional material like e-books, illustrations, ppt/pdf, case studies, presentations, and web resources for self-study. The e-tutorial supports recorded lectures, open-source contents/audio/videos etc associated with practical or self-study time.
- Quadrant-IV (Self-Assessment): This includes assignments, seminars, tests, and quizzes to help students evaluate their progress.

Distribution of hours per credit based on the Online programmes requirements:

Credit	**No. of Weeks I**	**No. of Interactive Sessions (hrs) - II**		**No. of Study hours – III**		**Self-Assessment IV**	**Total hours**
		Live Sessions	**Discussion forums**	**e-content**	**e-tutorial**		
2	6	6	12	10	10	22	60
3	9	9	18	15	15	33	90
4	12	12	24	20	20	44	120
5	13	13	26	25	25	55	150
6	14	14	28	30	30	66	180
8	16	16	32	40	40	88	240

The delivery model through the Learning Management System (LMS) includes:

- e-Books (SLM) for each module of a course
- Study Guide (PPT) for each module of a course
- Recorded / Tutorials Videos for each module of a course

- Live Interactive Online Sessions for each module of a course
- Frequently Asked Questions (FAQ) and Misconceptions for each module of a course
- Digital Library Access
- Web Resources for Research Purpose for each module of a course
- Practice Assignments for each module of a course
- Quiz based assessments
- Online Discussion Forums for each course
- Case studies

The framework ensures 24x7 access to academic resources, structured learner support, moderated discussion forums, and proctored online examinations, thereby maintaining quality, transparency, and academic integrity.

This blended digital approach enables working professionals and remote learners to experience structured, interactive, and industry-relevant computer applications education without geographical constraints.

Academic Calendar: It includes the following components:

Sr. No.	Activity	Jan Cycle	October Cycle
		Tentative months	
1	Admission Period	November to March	April to October
2	Self-Learning Period	November to March	April to October
3	Live Lectures	April onwards	November onwards
4	Continuous Internal Assessments (CIA)	From 5th week onwards	From 5th week onwards
5	Semester End Exams (Proctored)	August / September	March / April
6	Declaration of Results	October	May
7	Re-registrations	October	May

Evaluation Scheme

The Programme adopts rigorous process in development of question papers, question / quiz banks, assignments and their moderation, conduct of examinations, analysis of answer scripts by qualified academics, and declaration of result.

Assessment and Evaluation of each Course shall be for 100 marks. The Internal Assessment (IA) and Semester End Proctored Examination (SEPE) of PG programs shall carry 30 marks internal assessment and 70 marks semester end examination. The following table provides the scheme of Assessment and Evaluation:

Component	Weightage
Internal Assessment	30%
External Proctored Examination	70%
Total	100%

Continuous Internal Assessment (CIA): Weightage 30%

This component carries the weightage of 30%.

There would be 3 CIAs each carries 10% weightage.

Semester End Examination (Online proctored examination) Weightage 70%

The Semester End examination will be conducted twice in a year, tentatively in the month of April and September.

Students will be permitted to appear for the examination upon submission of the examination registration form within the prescribed timeline.

The CoE of the University shall oversee the examinations and the evaluation system.

12. LABORATORY SUPPORT & LIBRARY RESOURCES

Laboratory Support is provided through the following:

- Programming IDEs
- Database management platforms
- Cloud computing environments
- AI/ML development tools
- Virtual coding laboratories
- Software testing environments
- Research software tools

Library Resources

REVA University's Central Library isn't a traditional "online lab," but rather a hub for extensive digital resources, offering **e-journals, e-books, NDL, NPTEL access**, and a **Digital Library Centre** with 210 computers for online learning, complemented by specialised labs like the **AICTE IDEA Lab and Makers Lab** for hands-on innovation and digital fabrication. While the library itself

is a digital resource centre, specific departments run dedicated labs (e.g., Computer Science labs, Language Lab) and innovation centres (IDEA Lab, Makers Lab) with online integration for practical skills.

Remote Access to E-Resources

REVA University Central Library provides seamless remote access to e-resources for faculty, staff, research scholars, and students. This service enables users to access the library's extensive digital collections anytime and from any location, ensuring uninterrupted academic and research support beyond the campus. Access the Remote Login portal here: https://reva.knimbus.com/user#/home

13. COST ESTIMATE & PROVISIONS

Sr.	Heading	Cost Estimate
1	Programme Development Cost	20%
2	Delivery Cost	30%
3	Maintenance & Upgradation	45%
4	Postal Expenses	5%

The cost structure ensures sustainability and academic quality.

12. QUALITY ASSURANCE MECHANISM

Quality of a program depends on the course curriculum, syllabus and academic delivery which is designed to meet the gap between industry and academia. To achieve this Centre for Internal Quality Assurance (CIQA) and the Academic Council shall duly fulfil their duties.

The Centre for Internal Quality Assurance (CIQA) shall be responsible for:

1) To maintain quality in the services provided to the learners.
2) To undertake self-evaluative and reflective exercises for continual quality improvement in all the systems and processes of the Higher Educational Institution.
3) To contribute in the identification of the key areas in which Higher Educational Institution should maintain quality.
4) To devise mechanism to ensure that the quality of Open and Distance Learning programmes and Online programmes matches with the quality of relevant programmes in conventional mode.

5) To devise mechanisms for interaction with and obtaining feedback from all stakeholders namely, learners, teachers, staff, parents, society, employers, and Government for quality improvement.
6) To suggest measures to the authorities of Higher Educational Institution for qualitative improvement.
7) To facilitate the implementation of its recommendations through periodic reviews.
8) To organise workshops/ seminars/ symposium on quality related themes, ensure participation of all stakeholders, and disseminate the reports of such activities among all the stakeholders in Higher Educational Institution.
9) To develop and collate best practices in all areas leading to quality enhancement in services to the learners and disseminate the same all concerned in Higher Educational Institution.
10) To collect, collate and disseminate accurate, complete and reliable statistics about the quality of the programme(s).
11) To ensure that Programme Project Report for each programme is according to the norms and guidelines prescribed by the Commission and wherever necessary by the appropriate regulatory authority having control over the programme;
12) To put in place a mechanism to ensure the proper implementation of Programme Project Reports.
13) To maintain a record of Annual Plans and Annual Reports of Higher Educational Institution, review them periodically and generate actionable reports.
14) To provide inputs to the Higher Educational Institution for restructuring of programmes in order to make them relevant to the job market.
15) To facilitate system-based research on ways of creating learner centric environment and to bring about qualitative change in the entire system.
16) To act as a nodal coordinating unit for seeking assessment and accreditation from a designated body for accreditation such as NAAC etc.
17) To adopt measures to ensure internalisation and institutionalisation of quality enhancement practices through periodic accreditation and audit.
18) To coordinate between Higher Educational Institution and the Commission for various quality related initiatives or guidelines. To obtain information from other Higher Educational Institutions on various quality benchmarks or parameters and best practices.
19) To obtain information from other Higher Educational Institutions on various quality benchmarks or parameters and best practices.

20) To record activities undertaken on quality assurance in the form of an annual report of Centre for Internal Quality Assurance.
21) It will be mandatory for Centre for Internal Quality Assurance to submit Annual Reports to the Statutory Authorities or Bodies of the Higher Educational Institution about its activities at the end of each academic session. A copy of report in the format as specified by the Commission, duly approved by the statutory authorities of the Higher Educational Institution shall be submitted annually to the Commission.

The CDOE-REVA will work continuously for the betterment of processes, assessments, teaching methodology, e-learning material improvisation as per four quadrant approach and implementation of the same as per New Education Policy. The University is committed to deliver the best education in all the learning modes with adherence to NEP, UGC and other regulatory guidelines in true global sense.