

10 YEARS
OF UNIVERSITY
RECOGNITION
20 YEARS OF
ACADEMIC
EXCELLENCE



REVA
UNIVERSITY

Bengaluru, India

REVA UNIVERSITY STRATEGIC PLAN 2020 -2025

REVA UNIVERSITY, BENGALURU

STRATEGIC PLAN 2020-2025

PREAMBLE

Established in the year 2012, the REVA University took strides of steady and strategic development. The main objective to transform the students into professionals and outstanding citizens with high values. The University adopts student-centric learning to ensure holistic development of the students through outcome-based curriculum design to empower them to face the real-life challenges address local, regional, national and global problems. Governance summits (REVA Summit) are regularly organised involving the higher administration and all the faculty and staff University to brainstorm and discuss the strategies to be adopted to develop the Roadmap. In addition to the annual REVA Summit, monthly meetings known as CHINTHAN with all the staff are being conducted for openness and transparent ways of resolving the problems. Known as with all the staff for effective governance. These meeting would be converged at the annual event known as MANTHAN.

The Summits, Chinthan and Manthan events form the guidelines and motivation for drawing the strategic plan 2015-20. Over the last five years, the University achieved several accolades, prestigious awards and rankings is a true reflection of the academic, research and innovative activities taken-up by the university.

The current strategic plan for the period of 2020-2025 of the REVA University is aimed at addressing for bettering its standing in Governance and Leadership, Infrastructure, Academics, Human Resources, Research and Innovation and Collaboration with Industries. The prime objective is focused on Quality Assurance in all its practices.

VISION

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



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REVA UNIVERSITY

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 leadership qualities among the youth and enrich personality traits, promote patriotism and moral values.

CORE VALUES

- To attain excellence in different disciplines by creating, preserving and disseminating knowledge to all aspiring students
- To draw inspiration from the University's ethos and develop within its members a sense of accountability towards their community, society and the nation at large
- To accept the challenges globalization and changing times throw at us to offer high quality education and developmental services in a competitive manner
- To provide every opportunity to the University's key constituents—its faculty, staff, students and the community—to excel in their domain of expertise and contribute to every task with sincerity
- To transition from the teacher – centric focus to the learner - centric approach in imparting knowledge

The Strategic Plan 2020-2025 has six broad heads covering all the aspects of the university. The Short Term and Long Term goals were identified under each of them. The six heads are as shown below:

1. Governance and Leadership
2. Infrastructure & Learning resources
3. Human Resources and Development
4. Curriculum Design and Development
5. Teaching Learning Processes
6. Assessment and Evaluation
7. Research, Innovation and Entrepreneurship
8. Industry Collaboration
9. Student Support Systems

1 - GOVERNANCE AND LEADERSHIP

Short-Term Goals

Sl. No.	Description	2015-2020	2020-2022
STG1.1	Decentralize the powers at School level for effective governance	Not applicable	structure is in place and commenced the process
STG1.2	Financial support to the School Directors for petty expenses and procurement	Not applicable	Process initiated
STG1.3	Incentives system to promote responsibility and engagement of faculty	Exists	To be restructured for improvement
STG1.4	Review the stakeholder feedback and initiating improvement measures	Existing	To be strengthened
STG1.5	Introduce honors degree in the select programs offered by the engineering schools	Not applicable	Under Process

Long-Term Goals

Sl. No.	Description	2015-2020	2020-2025
LTG1.1	Plan selective strategic alliances with national and international institutions of repute for multiple career and growth opportunities	Not available	To be initiated
LTG1.2	Initiate resource-mobilization from philanthropists and industries	Not available	To be taken up
LTG1.3	Form knowledge consortia with other universities/premiere institutions	Not available	To be Initiated
LTG1.4	Strengthen the alumni network through immersion programs in academics	Not available	Process initiated
LTG1.5	Create strong eco-system for enhancing overall productivity	Existing	To be strengthened
LTG1.6	Introduce faculty sabbatical both inward and outward	Not available	To be taken up
LTG1.7	Start more schools in multidisciplinary areas	Introduced a multidisciplinary program B.Tech in Bioelectronics	To start more programs
LTG1.8	Establish school of foreign languages	Not applicable	To be established
LTG1.9	Introduce integrated PG programs	Not applicable	To be initiated
LTG1.10	Start academic programs in sports science	Not applicable	To be taken up
LTG1.11	Attract best scholars to join PhD programs	Not applicable	Process in underway



2 - INFRASTRUCTURE AND LEARNING RESOURCES

Short-Term Goals

Sl. No.	Description	2015-2020	2020-2022
STG2.1	Applying for the accreditation of select laboratories by NABL	Not applicable	Initiated in few schools on trial basis
STG2.2	Promote research in all the schools by strengthening facilities	Facilities Existing	Facilities are being continuously augmented
STG2.3	Develop e-learning platform	Not applicable	Process initiated (IT department)
STG2.4	Strengthen the teaching-aids for the benefit of divyangjan	Open source software used	The required software is being procured

Long-Term Goals

Sl. No.	Description	2015-2020	2020-2025
LTG2.1	Applying for the accreditation of select laboratories by NABL	Not applicable	Initiated in few schools on trial basis
LTG2.2	Append more e-books and book titles/volumes in library	Adequate	To enhance the number of titles and books
LTG2.3	Continuously upgradation of IT infrastructure to meet the dynamically changing needs	An exclusive IT Centre was established	The H/w and S/w requirements modified and augmented to suit to the current needs
LTG2.4	Foster energy conservation in the campus	Available	To be strengthened
LTG2.5	Create multimedia labs	Not available	To be taken up
LTG2.6	Create Digital Knowledge Centre	Not available	To be initiated


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3 - HUMAN RESOURCES AND DEVELOPMENT

Short-Term Goals

Sl. No.	Description	2015-2020	2020-2022
STG3.1	Attract faculty with good credentials	Needs improvement	Focus on attracting more PhD's from premier institute
STG3.2	Categorize the faculty based on their research acumen for enhancing the knowledge creation	Not applicable	Process being initiated
STG3.3	Improve and maintain a healthy overall faculty student ratio	The SFR is 1:21	To gradually reach SFR 1:19
STG3.4	Enhance percent PhDs in the faculty in the School	31%	To reach 40%
STG3.5	Introduce faculty induction program	Yes, in vogue	To enhance the frequency

Long-Term Goals

Sl. No.	Description	2015-2020	2020-2025
LTG3.1	Maintain a healthy faculty student ratio	1:21	To gradually reach 1:17
LTG3.2	Increase the number faculty with PhDs in the University	Achieved 31 %	Progressively reach to 50 % or more
LTG3.3	Improve faculty capacity in pedagogical skills through continuous training	Not available	To be initiated
LTG3.4	Establish academic staff college in the university	Not available	To be initiated
LTG3.5	Faculty Training Need Analysis (TNA)	Not available	Under process



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4 - CURRICULUM DESIGN AND DEVELOPMENT

Short-Term Goals

Sl. No.	Description	2015-2020	2020-2025
STG4.1	Introduce contemporary curriculum (based on AICTE model curriculum) from the academic year 2020-21	Not applicable	Under Process
STG4.2	Introduce minor degree in the select programs offered by the schools	Not applicable	Under Process
STG4.3	Introduce certification programs for developing skills to the unemployed youth	Not applicable	To be introduced
STG4.4	Strengthen CBCS by enhancing Interdisciplinary and Open Electives	Yes	To be strengthened
STG4.5	Offer Industry-oriented online courses and skill development courses	Non-credit Skill development courses offered	To be introduced

Long-Term Goals

Sl. No.	Description	2015-2020	2020-2025
LTG4.1	Curriculum design and development focusing on building competencies to make students readily employable	Existing	To effectively implement OBE curriculum for enhancing employability rate
LTG4.2	Student Internships in technical/ professional Programmes	Partial	Progressively attain 100%
LTG4.3	Introduce liberal arts in the School of Arts and Humanities	Not applicable	To be initiated
LTG4.4	Start online certification programs in skill development courses	Not applicable	To identify the necessary skill development courses


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5 - TEACHING LEARNING PROCESSES

Short-Term Goals

Sl. No.	Description	2015-2020	2020-2025
STG5.1	Reinforce problem-based learning/project-based learning in all the programs	Existing in Engineering schools	To restructured and enhance its effectiveness
STG5.2	Improve the teaching-learning process by involving the Industry and other stakeholders	Being practiced	Efforts are being made to rope more industry experts in the process
STG5.3	Inculcate the attitude of collaborative learning among students	Not available	In initiate process
STG5.4	Blended learning in flipped class mode	Not available	Provide prerecorded lectures for the benefit of the student
STG5.5	Develop Course-ware	Not applicable	To be introduced

Long-Term Goals

Sl. No.	Description	2015-2020	2020-2025
LTG5.1	Creation of own MOOCs	Not available	To be initiated
LTG5.2	Provision of technology enabled formal classrooms and informal learning spaces	Available	To be upgraded with latest technology
LTG5.3	Integrate leadership training, Entrepreneurship and international experiences as part of credit course	Integration is not available	Revision of curriculum as per requirement to be done
LTG5.4	Implementation of online tools and resources for all types of active learning	Available	To be reinforced
LTG5.5	Flexible learning system	Available	To be enhances


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6 - ASSESSMENT AND EVALUATION

Short-Term Goals

Sl. No.	Description	2015-2020	2020-2025
STG6.1	Provide feedback on learning outcomes assessment	Feedback is available but not provided to students	Implementing OBE at all levels
STG6.2	Preparing question papers as per the guidelines by AICTE	Not available	To be initiated
STG6.3	Empowering the faculty with Alternate Assessment Tool (autonomy)	Not available	To be initiated
STG6.4	Forming faculty clusters for arriving at SLOs and Assessment Patterns	Not available	To be initiated
STG6.5	Apply for institutional accreditation, NAAC	Under process	IIQA submitted, SSR under preparation

Long-Term Goals

Sl. No.	Description	2015-2020	2020-2025
LTG6.1	Collect feedback on formal and informal assessment activities	Not available	To be initiated
LTG6.2	Create cloud-based assessment service platforms	Not available	To be initiated
LTG6.3	Continuously assess the SLOs	Not available	To be initiated
LTG6.4	Standardize the assessment pattern by developing assessment rubrics	Not available	To be initiated
LTG6.5	Open book examination	Not available	To be initiated


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STG7 - RESEARCH, INNOVATION AND
ENTREPRENEURSHIP

Short-Term Goals

Sl. No.	Description	2015-2020	2020-2025
STG7.1	Form research groups with experts from academia and industry	Not applicable	Under Process
STG7.2	Establishing interdisciplinary research	Initiated establishing interdisciplinary research	Initiated establishing interdisciplinary / multidisciplinary research
STG7.3	Apply for a greater number of project proposals for funding from external agencies (Govt. and Non-Govt.)	Currently, 15 funded research projects are on-going	Proposals are underway
STG7.4	Enhance research outcomes-Technical Publications in reputed journals	Quality of research publication is a concern	Emphasis is given on publication in highly rated journals
STG7.5	Strengthen the Patent awareness and improve the number of Patents	Low awareness	Planned to conduct several awareness programs
STG7.6	Raise the financial support for research project seed money	Financial support was extended but not in a structured way	To effectively implement the existing policy

Long-Term Goals

Sl. No.	Description	2015-2020	2020-2025
LTG7.1	Establish industry supported research labs	Not available	To initiate the process
LTG7.2	Establish centers of excellence in thrust areas	Available	To create more multidisciplinary COEs
LTG7.3	Creating eminent expert panels for collaborative research	Not available	To initiate the process
LTG7.4	Focus on product development	Primitive stage	Process already initiated
LTG7.5	Innovation to application and Commercialization	Not available	To start with awareness and training
LTG7.6	Set up a Research Park	Not available	To be initiated

8 - INDUSTRY COLLABORATION

Short-Term Goals

Sl. No.	Description	2015-2020	2020-2025
STG8.1	Establish standard operating processes for collaborating with Industry	Not applicable	To create the SOP
STG8.2	Initiate steps for increasing joint research activities between industry and institute	Not applicable	The process is to be initiated
STG8.3	Develop a support system for facilitating internships to students	Exists in informal way	To formalize and strengthen the process
STG8.4	Increase the number of MOUs with Foreign Universities for exchange programs	Existing, 19 MOUs are in place	Active engagement in terms of exchange programs is to be taken up
STG8.5	International Industry experts to review the curriculum	Not applicable	To be initiated
STG8.6	Develop strategies to attract consultancy from Industries	Not applicable	To be initiated

Long-Term Goals

Sl. No.	Description	2019-20	2020-25
LTG8.1	Faculty and Student exchange programs	Not applicable	To be initiated
LTG8.2	Explore and implement Credit transfer system for with foreign universities	Not applicable	To be initiated
LTG8.3	Create Industry/Research Chairs at University level	Not applicable	To be initiated
LTG8.4	Offer Professional training programs for the industry personnel	Not applicable	To be initiated
LTG8.5	Joint research projects with Industry experts	Not applicable	To be initiated


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9 - STUDENT SUPPORT SYSTEMS

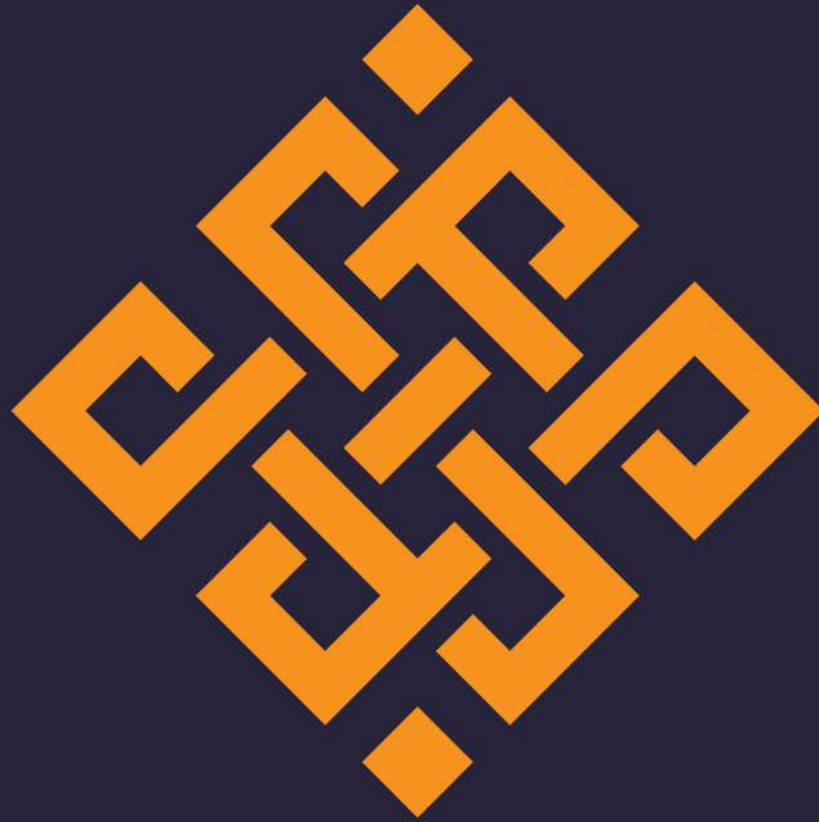
Short-Term Goals

Sl. No.	Description	2015-2020	2020-2025
STG9.1	Enhance the overall student-support systems and sport facilities	State-of-the-art of Gym facility is established	Plans are underway to construct Indoor Sports Complex
STG9.2	Create student clubs	Only 5 clubs are available	More clubs to be started
STG9.3	Facility for coaching in competitive examinations	Coaching for Civil Services available	GATE, GRE, TOEFL, IELTS, GMAT, CAT coaching will be initiated
STG9.4	Self-Learning	Partial	To systematize and institutionalize
STG9.5	Extended Learning opportunities	Partial	To systematize and institutionalize
STG9.6	Competency development	Partial	To systematize and institutionalize

Long-Term Goals

Sl. No.	Description	2015-2020	2020-2025
LTG9.1	Establish sports complex	Not available	To be initiated
LTG9.2	Establish Effective mechanism of providing financial aid	Available	Process document to be revised
LTG9.3	Develop Student Portfolio	Not available	To be initiated
LTG9.4	Multi-disciplinary projects within the school and between schools	Not available	To be initiated
LTG9.5	Participation in student competitions	Available	To be enhanced
LTG9.6	Student Scholarships	Available	To be enhanced


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