

## Strategic Plan (2021-2025)

Strategic planning for SRKREC under a five-year strategic plan, aligned with the New Education Policy 2020 of India, can be structured based on our institute's goals, vision, mission, and quality policy as follows:

S.No	Goals	Strategies
01	<p><b>Academic Planning</b> Develop a comprehensive, industry-aligned curriculum, implement experiential learning methods, adopt an outcome-based education framework, and foster a research-oriented culture to enhance employability and academic excellence.</p>	<ol style="list-style-type: none"> <li>1. Develop a comprehensive curriculum that aligns with industry requirements, emerging technologies, and interdisciplinary approaches.</li> <li>2. Incorporate experiential learning methods, such as project-based learning, internships, and industrial visits, to enhance practical skills and employability.</li> <li>3. Implement outcome-based education (OBE) framework to define clear learning outcomes, assessment criteria, and student progression pathways.</li> <li>4. Foster a research-oriented culture among faculty and students by encouraging participation in conferences, publishing research papers, and securing research grants.</li> </ol>
02	<p><b>Research and Innovation</b> Establish research centers, innovation hubs, and industry partnerships to foster a culture of research excellence, promote entrepreneurship, and facilitate collaboration between academia and industry for mutual growth and knowledge exchange.</p>	<ol style="list-style-type: none"> <li>1. Establish research centers, Innovation hubs &amp; funding: <ul style="list-style-type: none"> <li>• Identify areas of research that are aligned with the institute's mission and goals.</li> <li>• Establish entrepreneurship cells and innovation labs in each department to promote startups, mentorship, and incubation support for student &amp; faculty entrepreneurs</li> <li>• Develop mechanisms to secure research funding from government funding agencies, industry-sponsored projects, and international collaborations.</li> <li>• Hire qualified faculty members to lead the research centers.</li> <li>• Promote collaboration and communication among the research centers.</li> <li>• Encourage students &amp; faculty to participate in national and international innovation and entrepreneurship competitions.</li> </ul> </li> <li>2. Encourage research publications: <ul style="list-style-type: none"> <li>• Provide incentives for faculty members to publish research papers.</li> <li>• Offer workshops and training on research writing and publication.</li> <li>• Create a culture of research excellence within the institute.</li> <li>• Promote interdisciplinary research and collaboration.</li> <li>• Encourage the dissemination of research outcomes through publications, patents, and participation in conferences.</li> </ul> </li> <li>3. Industry partnerships <ul style="list-style-type: none"> <li>• Identify potential industry partners.</li> <li>• Develop relationships with industry partners.</li> <li>• Facilitate research collaborations between the institute and industry partners.</li> </ul> </li> </ol>

		<ul style="list-style-type: none"> <li>• Provide opportunities for students to intern with industry partners.</li> <li>• Secure funding for research projects from industry partners.</li> <li>• Establish an industry advisory board to provide guidance and support.</li> </ul>
03	<p><b>Infrastructure Development:</b> Enhance infrastructure and create state-of-the-art facilities to support innovation, research, and effective teaching-learning practices, fostering an environment that nurtures creativity, collaboration, and academic excellence.</p>	<ol style="list-style-type: none"> <li>1. Upgrade existing infrastructure and develop state-of-the-art facilities, including laboratories, research centers, and technology-enabled classrooms.</li> <li>2. Invest in modern equipment, software, and research tools to support cutting-edge research and enhance the learning experience.</li> <li>3. Create dedicated spaces for innovation and entrepreneurship, such as incubation centers and maker spaces, to facilitate idea generation and prototyping.</li> <li>4. Ensure regular maintenance and upgradation of infrastructure to provide a conducive environment for teaching, learning, and research.</li> </ol>
04	<p><b>Examination Reforms</b> Implement effective examination reforms to ensure fair, comprehensive, and continuous assessment of students' progress, fostering critical thinking, problem-solving skills, and alignment with learning outcomes, while incorporating feedback and expertise from stakeholders for continuous improvement.</p>	<ol style="list-style-type: none"> <li>1. Implement continuous assessment methods, such as internal assessments, quizzes, projects, and presentations, to evaluate students' progress throughout the academic year.</li> <li>2. Introduce a variety of assessment techniques, including open-book exams, case studies, and practical demonstrations, to assess critical thinking and problem-solving skills.</li> <li>3. Develop a robust examination system with transparent evaluation processes and mechanisms for addressing grievances and ensuring fairness.</li> <li>4. Incorporate feedback from students and faculty to continuously improve the examination system and ensure its alignment with learning outcomes.</li> <li>5. Engage external experts: Collaborate with experts from academia, industry, and assessment bodies to gain insights into effective assessment practices. Seek their guidance in aligning the examination system with international standards and incorporating innovative approaches.</li> <li>6. Monitor and evaluate the effectiveness: Continuously monitor the outcomes of the examination reforms and evaluate their effectiveness in terms of student performance, satisfaction, and alignment with learning outcomes. Use this data to make informed decisions and further refine the examination system.</li> </ol>
05	<p><b>Administrative Reforms</b> Enhance administrative efficiency and effectiveness by streamlining processes, establishing research support systems, implementing robust communication and information management systems, and ensuring regular policy review and updates for seamless functioning of academic affairs and administrative functions.</p>	<ol style="list-style-type: none"> <li>1. Streamline administrative processes to enhance efficiency and effectiveness in managing academic affairs, admissions, student services, and faculty development.</li> <li>2. Establish a dedicated research cell to support faculty in securing research grants, managing projects, and facilitating collaborations.</li> <li>3. Implement effective communication and information management systems to ensure a seamless flow of information among students, faculty, and administration.</li> <li>4. Regularly review and update administrative policies and procedures to align with evolving regulations and best practices.</li> </ol>
06	<p><b>Student Placements</b> Foster strong industry-academia collaborations, establish a dedicated training and placement cell, promote</p>	<ol style="list-style-type: none"> <li>1. Strengthen industry-academia collaborations to enhance placement opportunities for students.</li> </ol>

	<p>industry interactions and visits, and develop a robust alumni network to enhance placement opportunities and career prospects for students.</p>	<p>2. Establish a dedicated training and placement cell to provide career guidance, organize skill development programs, and facilitate internships and campus placements.</p> <p>3. Conduct regular industry interactions, guest lectures, and industrial visits to expose students to real-world challenges and industry expectations.</p> <p>4. Develop a strong alumni network to foster mentorship, networking, and job placement opportunities for students.</p>
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## Deployment

- Conduct a comprehensive analysis of existing programs and curricula to identify gaps and areas for improvement.
- Develop a structured framework for academic programs that align with industry requirements, interdisciplinary approaches, and emerging technologies.
- Introduce flexible learning options, such as online courses, blended learning, and flipped classrooms, to enhance accessibility and student engagement.
- Initiate faculty development programs to enhance teaching methodologies and pedagogical innovations.
- Establish partnerships with industry and research institutions to foster collaboration in curriculum development.