Sanskrithi School of Engineering

Behind SSSS Hospital, Prasanthigram, Beedupalli Knowledge Park, Puttaparthi-515134
Approved by AICTE, Affiliated to JNTU Anantapur, Accredited by NAAC with "A" and
Certified by ISO 9001:2015, www.sseptp.org

Sri Sathyasai,AP,India
Puttaparthi, Sri Sathyasai, 515134, AP, India
Lat 14.138135, Long 77.780140
05/27/2023 12:55 PM GMT+05:30
Note : Captured by GPS Map Camera

Institutional Development Plan (IDP)
(2025–2030)

SSE
Driven by Creativity & Innovation
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Driven by Creativity & Innovation
SRI SATHYA SAI DISTRICT, PUTTAPARTHI, A.P.
Ph: +91 91009 74518, +91 9100074545

NAAC A

AICTE

RISE
Research Industrial Systems Engineering

Profile of the College

Sanskrithi School of Engineering (SSE) was established in 2015, currently offering five undergraduate programs B.Tech in Civil Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Electronics and Communication Engineering, and Computer Science and Engineering and a Postgraduate Program M.Tech in Computer Science and Engineering. The college holds approval from the AICTE, New Delhi, and recognition from the UGC under section 2(f) of the UGC Act 1956 and also Accredited by NAAC with "A" Grade with CGPA 3.17 on a scale of 4. It is affiliated to JNTUA, Ananthapuramu.

Dedicated to providing quality education, SSE consistently strives to uphold the highest standards set by esteemed regulatory bodies. Recognizing its commitment to industry-linked technical education. The college maintains fruitful collaborations with various organizations, fostering industry-institute interaction for teaching, learning, research, development, and facilitating student internships and placements. Moreover, SSE has earned the ISO 9001:2015 certifications for its institutional processes.

The college's primary objective is to groom students holistically, ensuring they receive an education that aligns with current technological trends and educational practices. SSE encourages self-learning alongside a diverse range of proctored learning opportunities, including industrial visits, extension lectures, continuous assessments like quizzes and

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assignments, technical writing, hands-on training, and certification courses from specialized centres. Additionally, SSE encourages students to participate in national and international competitions, where they have achieved remarkable success. Faculty and students are actively engaged in MOOCs (Massive Open Online Courses) such as NPTEL and SWAYAM (AICTE), which are also integrated into their curriculum.

As an institutional member of ICT Academy, SSE facilitates various training programs conducted by industry experts, keeping students and faculty updated with emerging technologies. In alignment with its social responsibility, the college undertakes diverse initiatives to instill a sense of social consciousness among its students through a wide array of activities.

Chairman's Foreword

The primary objective of professional education is to ensure equal access to quality education for all aspiring students while maintaining transparency and accountability. This commitment aims to equip students with sustainable skills that will open doors to promising career opportunities in various engineering fields. Achieving this goal requires the creation, transmission, and dissemination of knowledge.

With a legacy of service to education spanning three decades, Sanskrithi School of Engineering has earned a reputation for providing a student-centric and technology-driven

learning environment. This environment nurtures young professionals, empowering them to become self-reliant and competent engineering technocrats.

The Institutional Development Plan (IDP) 2025–2030 is firmly grounded in the institution's core principles. It aims to identify and nurture the unique talents of our students by offering diverse platforms for their growth. Recognizing and honing the core competencies of students is a key aspect of this plan, alongside fostering a willingness to explore and experiment with new paradigms in education.

Thoughtfully crafted and developed with a deep understanding of the college's robust ecosystem and a dedicated team, this Institutional Development Planis set to distinguish Sanskrithi School of Engineering as a unique and standout institution. The commitment to providing quality education and empowering students for their future endeavours remains at the heart of our vision.

Principal's Perspective

The Institutional Development Plan (IDP) 2025–2030 aligns with the guidelines set forth by the UGC. It is designed to capitalize on the strengths of the institute and cater to the aspirations of the faculty, staff, and students.

With a clear focus on meeting diverse educational, innovation, and research interests, the institution seeks to enhance its facilities to cater to these objectives. The plan sets forth a vision and direction for the college over the next few years, in line with its mission and vision statements.

The core objective of this plan is to foster an enriching work environment that consistently promotes excellence, innovation, and entrepreneurship. By staying true to its mission and vision, the institution endeavours to sustain an atmosphere that nurtures growth and success among all stakeholders. Through this IDP, the college aims to elevate its position as a forward-thinking and progressive educational institution.

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Governing Body

S No.	Name of the Member	Position
1	Sri.B.VijayaBhaskar Reddy	Chairman
2	Sri. B.ParthaSarathi Reddy	Vice-Chairman
3	Sri. S.Pavan Reddy	Secretary
4	Smt.S.Rajitha	Joint Secretary
5	Smt.S.Priya	Treasurer
6	Smt.B.Sivamma	EC Member
7	Sri.B.Venugopal Reddy	EC Member

Functions & Responsibilities:

The governing body of the institution holds several critical functions and responsibilities to ensure the institution's growth and success:

Roadmap Development: The governing body is tasked with formulating a comprehensive road map that outlines the strategic goals and objectives of the institution. This roadmap serves as a guide to achieve the envisioned progress and development.

Faculty and Principal Recruitment: The governing body is responsible for approving the recruitment of teaching faculty and the appointment of the Principal. This ensures that the institution maintains a competent and dedicated academic team.

Annual Budget Approval: The governing body reviews and approves the institution's annual budget. This crucial step ensures financial stability and effective allocation of resources to support various educational initiatives.

Institutional Committees: The governing body establishes and oversees various committees essential for the proper development of the college. These committees work on specific aspects of the institution's growth and progress.

Academic Standards and Development: Discussions are conducted on various issues and aspects related to the college's development and academic standards. This includes the approval of the institution's strategic plan, which sets academic aims, objectives, and outlines financial, physical, and recruitment strategies.

Through these functions and responsibilities, the governing body plays a vital role in guiding the institution towards excellence, growth, and achieving its mission and vision effectively.

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Institutional Strengths:

1. **Visionary and Socially Sensitive Management:** The institution is led by a management team that exhibits a deep sense of social responsibility, foresight, and vision, ensuring the institution's growth and development align with the needs of society.

2. **Strong Industry Linkage:** Benefiting from the presence of industries in the surrounding region, the institution maintains robust connections with various industries. This facilitates valuable opportunities for internships, field visits, and practical exposure, enhancing students' learning experience.

3. **High Employee Retention Rate:** The institution boasts a high retention rate of its dedicated and experienced employees, ensuring continuity in providing quality education and support to the students.

4. **Campus-Wide Wi-Fi Connectivity:** To promote a technologically advanced learning environment, the campus provides Wi-Fi accessibility, enabling students and faculty to engage in research, study, and communication seamlessly.

5. **Consistently High Admissions Standards:** The institution maintains a track record of admitting highly qualified and motivated students, attracting individuals committed to academic excellence.

6. **Functional MoUs with Industry and Academic Institutions:** The institution has established effective Memorandums of Understanding (MoUs) with reputable industry and academic partners, fostering collaborations that enrich the learning ecosystem.

7. **Cutting-Edge Laboratories and Infrastructure:** Equipped with state-of-the-art facilities, the institution's laboratories provide students with hands-on learning experiences and research opportunities, contributing to their overall academic growth.

8. **Curriculum Enrichment through Value Added Courses:** The institution offers value-added courses to complement the core curriculum, enabling students to acquire additional skills and expertise beyond their academic disciplines.

9. **Well-Defined Administrative Policies and Controls:** A robust system of well-defined policies and controls governs the administration and management, ensuring efficient operations and adherence to best practices.

10. **Registered Alumni Association:** The institution maintains an active and registered Alumni Association, fostering a strong network of past students and promoting alumni engagement and support.

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11. **Serene and Eco-Friendly Campus:** Nestled amidst lush greenery, the campus provides a serene and pollution-free atmosphere, creating an ideal environment for focused studies and personal growth. The institution's commitment to being plastic-free reflects its dedication to sustainability.

12. **Accessibility and Transportation Facilities:** Recognizing the importance of accessibility, the institution offers convenient transportation options for students and faculty coming from rural areas, promoting inclusivity and diversity.

Institutional Areas for Improvement:

The institution actively endeavours to enhance the quality of its teaching, learning, and research. While it has achieved significant successes, there remain certain areas that require focused attention and progress. The following are key areas where improvement is required:

1. **Strengthening Industry Partnerships for Recruitment:** Efforts should be made to attract a wider range of prominent companies for recruitment purposes. Establishing stronger partnerships with key industry players will facilitate better placement opportunities for students.

2. **Enhancing Academic Flexibility:** As an affiliated institution, there may be limitations in meeting the ever-evolving demands of the corporate world. The institution should explore strategies to enhance academic flexibility and responsiveness to industry requirements.

3. **Expanding Research and Development (R&D) Initiatives:** To foster innovation and academic growth, there is a need to expand research and development activities within the institution. Encouraging faculty and students to engage in meaningful research projects will contribute to the institution's intellectual advancement.

4. **Promoting Institute-Industry Collaboration for Laboratories:** To augment the quality of practical learning experiences, the institution should focus on establishing collaborative laboratories with industry support. Such partnerships will provide students with exposure to real-world scenarios and cutting-edge technologies

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Institutional Opportunities:

The institution has identified several promising opportunities to further enhance its academic standing and overall effectiveness. These opportunities include:

1. **Attracting Talented Students:** By actively attracting and admitting deserving students, the institution can bolster its academic achievements and create a diverse and talented student body.

2. **Recruiting PhD-Level Faculty:** The institution can elevate its academic excellence by recruiting more faculty members with doctoral degrees. PhD-level faculty brings valuable expertise and research capabilities to the institution.

3. **Encouraging Faculty to Pursue Doctoral Degrees:** Promoting and supporting faculty members in their pursuit of doctoral degrees will enhance their teaching and research capabilities, positively impacting the institution's academic environment.

4. **Setting a Benchmark in Engineering Education:** The institution aspires to be a role model in engineering education by adopting and implementing excellent pedagogical practices, ensuring the best possible learning experiences for students.

5. **Strengthening Industry Involvement:** By fostering greater collaboration with industries, the institution can provide students with valuable opportunities for hands-on projects and internships, bridging the gap between academia and industry needs.

6. **Attaining UGC Autonomy:** The grant of University Grants Commission (UGC) autonomy offers the institution greater academic independence and flexibility, enabling it to design and implement innovative academic programs.

7. **Promoting Intellectual Property Rights Awareness:** Increasing awareness and understanding of intellectual property rights and patent filing among both instructors and students will encourage innovation and protect original ideas.

8. **Expanding the Alumni Network:** The institution aims to expand its alumni network, offering additional professional development chances to students through alumni engagement, mentorship, and career opportunities.

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Institutional Challenges:

The institution faces several significant challenges that require attention and strategic solutions. These challenges include:

1. Difficulty in Attracting Core Engineering Students: With an abundance of employment opportunities in the Software/IT sector, attracting exceptional students to enroll in core engineering fields such as Civil, Electrical and Electronics (EEE), and Mechanical Engineering has become a challenge.

2. Recruiting Key Companies for Placements: Efforts are needed to strengthen ties with key companies and industries to enhance placement opportunities for students, ensuring their successful transition into the professional world.

3. Promoting Sponsored Research and Consulting: To align with industry needs, the institution must actively promote sponsored research and consulting activities. Collaborative projects with industries can contribute to academic growth and industry relevance.

Process of Formulating the 2025-30 Strategic Plans:

The Institution has developed a comprehensive 5-year strategic plan spanning from 2025 to 2030, with the primary objective of ensuring sustained growth and progress for the organization. The strategic plan outlines key focus areas that will guide the institution's endeavours during this period. These focus areas are as follows:

The process of setting the strategic plan

1. **Governance:** The strategic plan addresses the enhancement of governance practices within the institution. This involves refining decision-making processes, fostering transparency, and strengthening the board's role in providing effective oversight and strategic direction.

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Strategic Initiative 1: Governance				
Goal	**Objective**	**Tactics**	**Measure of Success**	**Resources Needed**
1.1 To create new and/or update Governance models and processes those provide much greater autonomy at all levels.	1.1 To enhance the diversity recruitment and retention of faculty, staff, and administrators.	1.1 Encourage transparency and easy communications between peers and management. 1.2 Establish a streamlined process for performance evaluations and appraisal.	1.1 Faculty attrition reduces to 30%. 1.2 Profile enrichment backed by publications and awards.	1.1 Faculty Handbook with rules and guidelines. 1.2 Various statutory and non-statutory committees and cells. 1.3 Ease of accessing and retrieving data.

2. **Physical Resources:** Efficiently managing and optimizing physical resources is a significant aspect of the strategic plan. This encompasses strategies to acquire, maintain, and utilize facilities and infrastructure in a manner that supports the institution's objectives and aligns with its growth projections.

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Strategic Initiative 2: Physical Resources				
Goal	**Objective**	**Tactics**	**Measure of Success**	**Resources Needed**
2.1 To continue to build, develop, and maintain the infrastructure, both in aesthetic and technological front.	2.1 To provide a world class environment for enabling education, research, and innovation. 2.2 To improve the ICT enabled	2.1. Establish Centers of Excellence and Idea labs for research and innovation. 2.2. Improve Student cafeteria and medical facilities. 2.3 Enhance Sports and Indoor games facilities 2.4 Green campus and Energy conservation through installing solar panels, water harvesting drains etc. 2.5 Establish a committee to track development and utilization. 2.6 Equip classroom with ICT devices. 2.7 Virtual Laboratories 2.8 E-Governance	2.1 More research grants and patents. 2.2 Increased student participation in technical and sports events. 2.2 Reduced Student absenteeism. 2.3 Student participation and awards 2.4 Reduced electricity consumption. 2.6 Digital classes 2.7 Smart classroom. 2. YouTube channel for reference and recall. 2.8 Paperless and speedy communication	2.1 Classroom and labs with ICT devices. 2.2 Speedy internet bandwidth and connectivity 2.3 Workshops and Training. 2.4 Bedded facility and on campus doctor. 2.5 Sports Committee 2.6 Committee. 2.7 Committee. 2.8 Speedy internet bandwidth and connectivity 2.9 Speedy internet bandwidth and connectivity 2.10 Complete ERP

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3. **Human Resources:** Recognizing the pivotal role of human capital, the strategic plan focuses on developing and nurturing a skilled and motivated workforce. Initiatives to attract, retain, and empower talented individuals will be implemented to ensure the institution's continued success.

4. **Education Processes:** Enhancing the quality and effectiveness of educational processes is a central pillar of the strategic plan. This includes curricular innovations, teaching methodologies, and the integration of technology to optimize the learning experience for students.

Strategic Initiative 3: Human Resources			
Objective	**Tactics**	**Measure of Success**	**Resources Needed**
3.1 To transform and become an aspirational destination for students and faculty. 3.2 To increase personal and professional development of faculty and staff.	3.1. Attract students from all over India. 3.2. Experienced Faculty 3.3Retain Faculty and Staff 3.2 10% budget for projects and research 3.3 Provide for training and higher studies/ collaborations. 3.4Training for staff	3.1 Diverse make-up of students 3.2 Hire PhD and Subject expert faculty. 3.3 Reduced attrition. 3.4Qualified and happy faculty and staff	3.1 Widespread Marketing 3.2 Improved Hiring process and wait time. 3.3 Transparent and quick communication and appraisal policies. 3.4 Transparent appraisal policies 3.5 Budget for training. 3.6 Training programs information

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Strategic Initiative 4: Education Processes			
Objective	**Tactics**	**Measure of Success**	**Resources Needed**
4.1 To provide quality education at all

4.2 To innovate and adopt technology enabled pedagogy.

4.3 To make the educational environment more lively, vibrant, congenial, and conducive. | 4.1. Carefully designed and implemented multidisciplinary course curriculum, session plans, student assignments, regularity, participation, and involvement.

4.2 Develop quality study material available as e-content on website as well as hard copy in the libraries.

4.3 Regular student feedback on teaching-learning process, curriculum, and administrative facilities to ensure quality control and regular updating.

4.4 Conduct Add-on courses and Value-added courses to the students
4.5 Scholarship and discounted feed for merit and deserving students.
4.6 Use of blended teaching methodology involving traditional, interactive, and ICT enabled pedagogical techniques.
4.7 Design multidisciplinary courses
4.8 Enhance co-curricular activities that encourage collaboration among students, faculty, staff, and the community.
4.9 Organize various competitions and social events at institute and departmental level for encouraging participation by students and faculties. | 4.1 Improved students' performance in academics and examinations

4.2 Student and parent satisfaction

4.3 Students to pursue higher studies

4.4 Student participation in technical events.

4.5 Faculty publications and citations

4.6 Increased cultural and global competence of college personnel and students. | 4.1 Expert committee

4.2 Digital resources such as e-library, internet connectivity etc

4.3 Online notes and study material.

4.4 Increased budget for scholarships.

4.5 Innovative self-financing program

4.6 Bank associations for loans/ financing needs.

4.7 Knowledgeable subject experts.

4.8 Digitized resources.

4.9 Established IQAC committee with subject and industry experts.

4.10 Improved recreational & sports facilities.

4.11 Inter college and corporate exchange programs. |

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5. **Research and Innovation:** The strategic plan places a strong emphasis on research and innovation. It outlines strategies to foster a culture of research excellence, support faculty in their research pursuits, and encourage collaborations with industry and other research institutions.

<table>
<tr>
<td colspan="4">Strategic Initiative 5 :

Research and Innovation</td>
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<tr>
<td>Objective</td>
<td>Tactics</td>
<td>Measure of Success</td>
<td>Resources Needed</td>
</tr>
<tr>
<td>5.1 To establish centers of excellence in emerging areas to promote research.

5.2 To promote a culture of Innovation and Entrepreneurship.</td>
<td>5.1 Identify core areas of potential research.

5.2 Identify institutions and industries for collaborative research.

5.3 Establish centers of excellence in emerging areas of potential research.

5.4 Encourage faculty to prepare project proposals and submit for funding agencies.

5.5 Encourage faculty and students towards innovation and entrepreneurship.</td>
<td>5.1 Establish 10 COEs by 2025

5.2 Minimum of 20 MoUs with educational and corporate organizations

5.3 Income through consultancy and mentorship.

5.4 Publications and citations.

5.5 Patents and business startups supported by Institutions.</td>
<td>5.1 Dedicated team for research follow up and communications.

5.2 Industry experts on the Governing board.

5.3 Transparent and quick communication and appraisal policies.

5.4 Budget for research

5.5 Research and patent application information.

5.6 Fund budget for early-seed investment.</td>
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6. **Building Relationships**: Establishing and strengthening partnerships and relationships with key stakeholders is a critical component of the strategic plan. This involves engaging with alumni, industry partners, government agencies, and community organizations to create mutually beneficial collaborations.

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Strategic Initiative 6 : **Building Relationships**			
Objective	**Tactics**	**Measure of Success**	**Resources Needed**
6.1 To expand transformational education experiences through community service, global outreach, and innovative study-abroad opportunities. 6.2 To strength community interactions 6.2 To promote a culture of Innovation and Entrepreneurship. 6.3 To establish a widespread visibility of the Institution in academics, industry, and society.	6.1 Collaborate with outside world to expand educational Experiences. Establish career guidance cell and provide services for higher education in India and abroad. SignMOUswithforeignuniversitiesforstudentandfacultyexchangeprograms. Undertake community enrichment activities. Strengthen NSS cell. Provide solutions to societal problems based on SDGs through Engineering Projects In Community Service (EPICS) 6.7 Popularizing Institution vision, mission, quality policy and core values 6.8Becoming member of all important institutions and associations of academic interest. 6.9 Publishing quarterly Institute newsletter with contributions from faculty and students and circulate to internal and external circulation via social media.	6.1Minimum of 20 MoUs with educational and corporate organizations 6.2 Collaborate with NGOs, Police and Govt agencies. 6.320 Events annually focusing on women safety, health and hygiene, nutrition and governance. 6.4 Increased good will and word of mouth among public. 6.5 Corporate referrals and references by alumni. 6.6 NIRF Ranking by	6.1 Sensitize students and stakeholders on their responsibilities. 6.2 Government liaison. 6.3 Career and Placements Cell. 6.4 Quick redressal system 6.5 Faculty conclave for external academicians. 6.6 Increased Social media presence through FB, Instagram etc. Up to date institutional

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			2030.	website.
			6.7.Preferred college for speakers, trainers, FDPs, Conferences etc.	

Planning and Evaluation Committee:

S No.	Name of the Member	Designation	Position
1.	Dr. S.Hemachandra	Principal	Chairman
2.	Dr. S.Hari Krishnan	Vice-Principal	Vice-Chairman
3.	Mr.D.Nagaraju	Director IQAC	Convener
4.	Dr.A.Prasad Reddy	HoD, MECH	Member
5.	Dr. K.Vinod Kumar	HoD CSE	Member
6.	Dr.K.Leleedhar Rao	HoD ,EEE	Member
7.	Dr. B.Sambasivaiah	HoD, H&S	Member
8.	Dr.V.Annapurna	HoD,ECE	Member
9.	Mr.K.Siva Prasad	HoD,Civil	Member
10.	Mr.N.Pavan Kumar	IIC Co-ordinator	Member

Functions & Responsibilities:

The governing body of the institution holds several crucial functions and responsibilities to ensure the smooth functioning and progress of the college:

- Proposals to Regulatory Bodies: Submitting proposals to regulatory bodies such as AICTE and UGC for the continuation of approvals, introduction of new courses, reduction in intake, or closure of courses as required.

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- University Affiliation: Sending proposals to the University for the Extension of affiliation, ensuring the institution remains affiliated and compliant with university norms.
- Institutional Development PlanImplementation: Developing, implementing, and executing the Institutional Development Planof the institution, aligning all efforts with the defined vision and goals.
- Coordinating for Funding: Coordinating among departments to apply for various schemes and grants offered by AICTE and other funding agencies to secure additional financial support.
- Planning and Execution of Activities: Planning and executing various activities and events scheduled throughout the year, fostering a vibrant and engaging college environment.

Through these functions and responsibilities, the governing body ensures that the institution operates efficiently, stays compliant with regulatory requirements, and progresses effectively towards its stated objectives and mission.

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Institutional Development Plan (IDP)

Sanskrithi School of Engineering, Puttaparthi
(2025–2030)

1. Introduction

Sanskrithi School of Engineering (SSE), Puttaparthi, is committed to nurturing technically competent, ethically strong, and socially responsible engineers. The Institutional Development Plan (IDP) outlines the strategic vision, mission, and action plan of SSE for the next five years (2025–2030), aligned with national educational policies, NBA/ABET standards, and industry needs.

2. Vision & Mission

Vision:

To develop dynamic and socially responsible engineers possessing wisdom, positive attitude, and an impeccable character. Hallmarks will be the innovation, initiative, and teamwork the ability to anticipate and effectively respond to change and to create opportunities.

Mission:

- The college is devoted to serving society and the nation by providing quality education, and skill development programs thereby enabling the students to become skilled engineers with the right kind of knowledge.
- Committed towards setting new benchmarks of excellence in engineering education with emphasis on research & development, innovation and services to society, industry, and the world

3. Governance & Leadership

- Strengthen participatory governance through Academic Council, Board of Studies, and IQAC.
- Establish dedicated **Institutional Development & Accreditation Cell** for continuous quality improvement.
- Adopt transparent decision-making with digital governance tools (ERP).

4. Academic Development

- Curriculum revision in line with NEP 2025, NBA, and ABET guidelines.
- Introduce interdisciplinary and skill-based courses.
- Promote experiential learning through labs, projects, and internships.
- Strengthen CO–PO–PSO mapping and attainment analysis.
- Establish Centers of Excellence (AI/ML, IoT, Renewable Energy, Robotics).

5. Research & Innovation

- Incentivize faculty publications, patents, and funded projects.
- Create an **Innovation & Incubation Center** with industry mentors.
- Collaborate with premier institutes (IITs, NITs, MBU, IIITs).
- Promote student research projects and start-up culture.

6. Human Resource Development

- Continuous Faculty Development Programs (FDPs).
- Support for higher studies, research collaborations, and global exposure.
- Introduce **Faculty Performance Appraisal System** linked to academic outcomes and research.
- Professional training for non-teaching staff.

7. Student Support & Progression

- Structured mentoring and counseling system.
- Career guidance, training, and placement cell with strong industry linkages.
- Scholarships and financial aid for meritorious and needy students.
- Holistic development through cultural, sports, and social outreach activities.

8. Infrastructure Development

Physical Infrastructure

- Modernized laboratories, smart classrooms, seminar halls.
- Green campus initiatives – solar energy, waste management, water harvesting.
- Expansion of library with e-resources, NPTEL/SWAYAM access.

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Digital Infrastructure

- Upgrade Learning Management System (LMS).
- Digital repository for teaching–learning materials.
- High-speed Wi-Fi campus, virtual labs, and ERP integration.

9. Financial Sustainability

- Mobilization of resources through government grants (AICTE, UGC, DST).
- Strengthen alumni contributions and endowments.
- Consultancy and industry-funded projects.
- Efficient financial planning and audits.

10. Networking & Collaboration

- MoUs with industries for internships, live projects, and placements.
- Academic collaborations with national and international universities.
- Membership in professional bodies (IEEE, ISTE, SAE, IETE).
- Community engagement through NSS, Unnat Bharat Abhiyan, and social initiatives.

11. Monitoring & Evaluation

- Annual review of IDP implementation by IQAC.
- Use of measurable KPIs (placement %, research output, student progression).
- Mid-term corrective measures for continuous improvement.

12. Strategic Goals (2025–2030)

1. **NBA Accreditation** of all UG programs by 2026 and ABET readiness by 2028.
2. Establish **3 Centers of Excellence** in emerging technologies.
3. Achieve **70%+ placements** with higher-order skill training.
4. Publish **200+ research papers** and file at least 25 patents.
5. Achieve **digital campus transformation** with ERP, LMS, and smart classrooms.

13. Five-Year Implementation Roadmap (2025–2030)

The following roadmap outlines year-wise strategic actions, key performance indicators (KPIs), and responsible committees/cells for effective implementation of the IDP.

Year	Major Initiatives	Key Performance Indicators (KPIs)	Responsible Committees/Cells
2025–26	- Establish Institutional Development & Accreditation Cell - Curriculum revision aligned with NEP 2025 & OBE - Initiate NBA Accreditation process - Upgrade digital infrastructure (ERP, LMS) - Strengthen placement training programs	- Revised curriculum implemented - Minimum 2 programs applied for NBA accreditation - ERP & LMS operational - Placement readiness programs initiated	IQAC, BoS, Accreditation Cell, Placement Cell, IT Cell
2026–27	- Achieve NBA accreditation for UG programs - Establish 1 Center of Excellence (AI/ML) - Launch Innovation & Incubation Center - Expand library with digital repositories - Faculty development workshops (NEP, OBE, Research)	- NBA accreditation for 2 UG programs - 1 Center of Excellence functional - 10+ student/faculty research projects - 5+ FDPs conducted	Accreditation Cell, R&D Cell, Library Committee, FDP Committee

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2027–28	- Prepare for ABET readiness - Establish 2nd Center of Excellence (IoT/Robotics) - Initiate international collaborations - Organize national-level hackathons & conferences - Launch alumni engagement platform	- ABET documentation readiness - 2 Centers of Excellence operational - 2 International MoUs signed - 1 National conference organized - Alumni platform launched	Accreditation Cell, R&D Cell, Alumni Cell, International Relations Cell
2028–29	- Expand Centers of Excellence (Renewable Energy) - File minimum 10 patents & 50 research publications - Establish Industry Advisory Board - Implement blended learning model across all courses - Strengthen student exchange programs	- 3 Centers of Excellence functional - 10+ patents filed, 50+ research papers published - Industry Advisory Board active - Blended learning in all programs - 2 Student exchange MoUs signed	R&D Cell, Industry Advisory Board, Academic Council, International Relations Cell
2029–30	- Achieve ABET readiness & submit application - Establish global collaborations & student/faculty exchange - Attain 70%+ placement rate - Achieve digital campus transformation (paperless office) - Comprehensive IDP review & future planning	- ABET application submitted - 5+ global collaborations - 70%+ placements achieved - Full ERP integration (paperless campus) - IDP 2030–2035 draft prepared	Accreditation Cell, Placement Cell, IT Cell, IQAC, Governing Body

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