

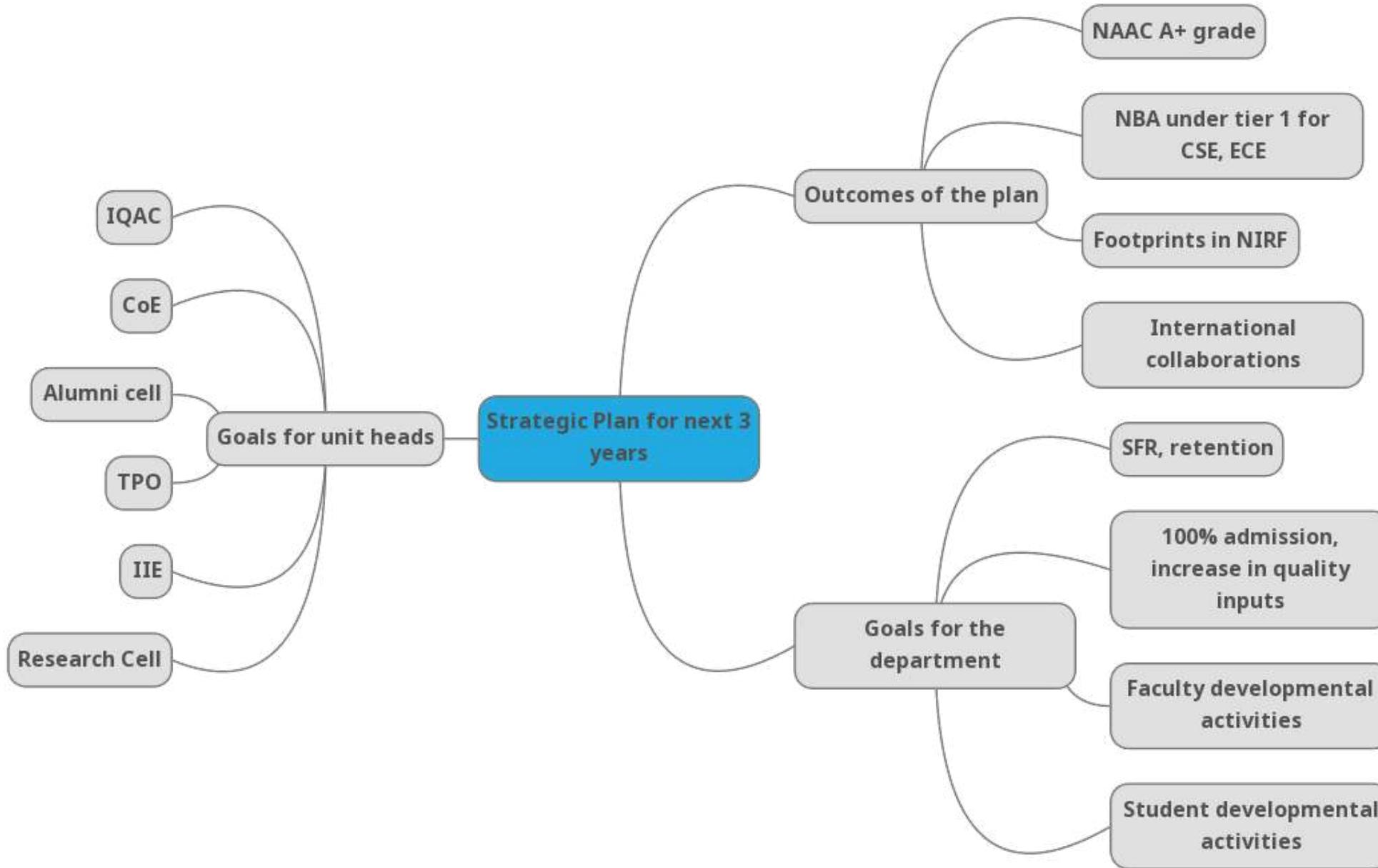


Strat Plan

ACY 2023 – 2024 - ACY 2025 - 2026

Five years from now... (Where we need to stand?)

- To benchmark NSRIT with NAAC "A+" in next cycle of accreditation
- All programs of B. Tech. (U. G. level) to be accredited with NBA under TIER I for five years
- To benchmark NSRIT in National Institute Ranking Framework
- Best-in-class placements
- Continuous improvement in career advancement (HE, Entrepreneurship and Placements)
- Best - in – class admission with a demand ratio (1:3) (Availability Vs. Application)
- Industry connect and upskilling
- Curriculum enrichment and feedback
- International collaborations & research
- Increase in intake and introduction of new programs related to U.G., B. Voc. in line with NEP 2020
- Succession Planning and attracting faculty with diversity



2023 – 2024 (1 of 3)

- To have faculty – student ratio as 1:15-17 at any point of time
- 20% - 30% of faculty with PhD
- 30% of faculty pursuing Ph. D. (Register)
- 100% admission with min. of 10 - 15 in less than 25K ranks for ECE, CSE
- 85% as pass percentage for all the courses with a success rate of 85% - 90%
- One NPTEL certification by all faculty in the department; more than 50% of students from each class earning NPTEL certification per semester and the rest in other popular platforms
- 30% of faculty with professional body membership
- One FDP by faculty in other state not less than 3 – 5 days organized by premium organization
- To organize 2 FDP per year
- Per faculty publication as ‘1’ in a year (Minimum) in Scopus or SCI or WoS only; one industry connect

2023 – 2024 (2 of 3)

- 15% of sanctioned intake participating in workshops, trainings on Niche areas organized in reputed institutions outside AP and 30% within AP
- 10% of sanctioned intake participating/winning in Technical competitions outside the state
- 30% of sanctioned intake with professional body membership
- 3 events per semester on skilling through professional students' chapter for students
- 10% of final year projects with interdisciplinary nature
- One product development either through final year project or through an identified team (of social relevance or what could be used within the campus)
- One project proposal submission for Ph.D. holders
- EEE (Accreditation under TIER II) and research centre in all programs wherever possible

2023 – 2024 (3 of 3)

- Student publications in SCOPUS journals: 20%, UGC journals: 80%
- One SCOPUS publication per faculty per year
- One patent for the identified product development project
- 3 startups at institute level
- 100% placement for all eligible students; Getting placement in core companies (10%)
- 10% of placements with package above 10 LPA; Increase in the average LPA
- 5% of students getting good ranks in GATE and other competitive exams; 3% of students getting into higher studies through GATE and other exams
- Continuous skill upgradation on OBE for faculty by IQAC
- All commemorative events by all academic and non-academic heads focusing on SSC

2024 – 2025 (1 of 2)

- To have SFR of 1:17 (with no change in the team leading to good retention)
- 30% of faculty with PhD (new additions of PhD if possible)
- 30% of faculty pursuing PhD (good progress towards completion of PhD and another 5% being added)
- 100% admission with: min of 30 in less than 25K ranks for ECE, CSE; increase in quality for other branches
- 85% as pass percentage for all the courses
- One NPTEL certification by all faculty in the department; more than 50% of students from each class earning NPTEL certification per semester
- 50% of faculty with professional body membership
- per faculty publication as '1' in an year (Minimum) in Scopus or SCI or WoS only

2024 – 2025 (2 of 2)

- 2 FDPs per year to be organized
- Professional development activities of students should be increased by 5 to 10% than previous year
- 5% of increase in all aspects of placements
- Getting placement in core companies (15%)
- Increase in targets with respect to Product development/student publication
- 2 research groups with regular activities (sharing of knowledge; joint publications; collaborative research involving students)

2025 – 2026 (1 of 1)

- Better SFR (15:1) with no change in team
- 100% admissions with 10% improvement in all parameters
- Academic Performance: sustaining pass percentage and improved success rate
- Faculty professional development: same parameters with 5% increase in targets
- Student professional development: same parameters with 10% increase in targets
- Placements: 15% improvement in quality and average LPA
- One funded project per department within three years
- 2 consultancy works per department within 3 years

Infrastructure facilities at Institute level

- Auditorium (ACY 2024 – 2025)
- Provision of lifts facility in Block #1 (ACY 2023 – 2024) and in Block #2 in ACY 2024 - 2025
- Establishment of multi-disciplinary research lab for promoting start-ups and research during the ACY 2023 – 2024 (Q4): Phase I & 2024 – 2025 (Q1) – Phase II
- Establishment of exclusive CDC in studio type construction in front of Block #2 during the ACY 2023 – 2024 providing scope of interview cubical
- Expansion of Office of the CoE during the ACY 2022 – 2023 (Q4)
- Staff quarters extension (2024 – 2025)

Roadmap for academic units

1. IQAC
2. Industry Institute Engagement Cell
3. Office of Controller of Examination
4. Office of student affairs
5. Alumni office
6. Research Cell
7. Training and Placement Office
8. IIC

- Preparation of MIS; consolidation and doing analysis at the end of academic years
- Developing/restructuring feedback mechanism in line with the Key Indicators of NAAC
- Deploying feedback mechanism (institutional performance) with highlight projections as base
- Timely collection of feedback; consolidation and doing analysis on that by involving appropriate persons; initiating necessary action on the feedback by communicating the same
- Doing SWOC analysis at the end of ACY and to identify the key areas where improvements are required; Design and deployment of any 2 quality initiatives every year and to do the impact analysis of them
- Conduct of academic audits both internal and external
- Implementation of OBE and to systematically analyze the impact of it (calculation of COA and POA; facilitating impact analysis)

2. Industry Institute Engagement Cell

- 10 companies per department per year; a minimum of 3 core companies
- Operations outside the state and country
- Pre-placement offers as outcome of internships
- Funded industry projects for students, atleast 1 per year across all departments
- Industry mentor 2 per department (interacting with students on regular basis and guide them to do real time projects)
- Promoting entrepreneurship through industry connections

3. Office of controller of examinations

- To bring in reforms in examination system
- Facilitating the deployment of various assessment tools based on nature of the course; deployment of indirect assessment tools for COA
- Strengthening the assessment of skill oriented courses, internships, technical paper writing and projects
- Developing COA templates and deployment of rubrics for assessment
- Expanding the network of QP set up

4. Office of student affairs

- To facilitate 10% of student participation in every department outside the state for technical competitions
- To update all stakeholders on the technical events in premiere institutions and facilitating the footprints of NSRIT
- To conduct a National Level TechFest every academic year
- Facilitating the participation in sports activities: 15% of students' participation outside events every academic year
- Conduct of events through clubs: 2 events/club/semester (yoga, physical fitness, health and hygiene)
- Coordinating all the celebrations in the campus to ensure happiness index of students

5. Alumni office

- Alumni meets in major cities in India and abroad one per year
- Alumni interaction with students
- Involvement in curriculum design
- Alumni funds

7. Research cell

- Research center approval for EEE and ME departments and other programs to the possible extent
- To form research groups; one per department core to the domain and one at the institute level for inter-disciplinary research collaborations
- One research proposal/doctorate/year
- 2 funded research project within a span of 3 years
- Facilitating product development: 2 per year at institute level
- Publication in SCOPUS indexed journals: 50 papers/year (20% increase every year)
- Publication in SCI journals: 5 papers/year
- per faculty publication as '1' in an year (Minimum) in Scopus or SCI or WoS only

8. Training and Placement Office

- In-house trainers for soft skills and technical; 2 per stream
- Minimum of 30 hours of training on soft skills per student per year with proper assessment and certification
- One coding training per year for a duration of 30 hours
- 100% placement; 10% of eligible getting above 10 LPA in 2023-24 and an increase in this by 10% every year; Average 6 LPA in 2023-24 and to sustain the same for 3 years
- Facilitating the opportunities to study abroad; 5 % of intake getting into higher studies in abroad

Loading Strat Plan

Thank You