CHRISTIAN EDUCATION SOCIETY

Christian College of Engineering & Technology

# INSTITUTIONAL DEVELOPMENTAL PLAN
2026–27 to 2030–31

## 2026–27 – Strengthening the Foundation

- Enhance the teaching–learning process through effective academic planning, monitoring and student-centred learning by introducing new study programs / courses.

- Introduce **industry-oriented and career-oriented courses in the curriculum** to enhance employability.

- Initiate and systematically implement **planning for Academic Autonomy.**

- Strengthen Outcome-Based Education (OBE) practices, assessment mechanisms and academic documentation.

- **Strengthen Parent–Teacher Association (PTA) activities through regular meetings,** effective communication and active parental involvement in monitoring and supporting students' academic performance, attendance, discipline and overall development.

- **Integrating AI into the Curriculum of all courses**.

- Initiate academic practices in alignment with the **National Education Policy (NEP) 2020**, wherever applicable.

- **Participation of the institution in NIRF ranking**

**- Village Outreach Program through NSS**

**- Introduction of different wings(Army and Airforce) in NCC**

- Improve academic results through regular result analysis, remedial classes, mentoring and continuous monitoring.

- Implement effective placement training focusing on aptitude, communication, coding, technical and soft skills.
- Identify high-performing students and provide Advanced Placement Training for better career opportunities and higher salary packages.

- **Special training for GATE and Government examinations.**

- Establish more MoUs with industries, academic institutions and professional bodies.

- Strengthen industry interaction through internships, industrial visits, guest lectures, industry projects and expert interactions.

- Recruit and retain qualified faculty to maintain the required faculty–student cadre ratio.

- Conduct Faculty Development Programmes, workshops, industry training and professional certification programmes.

- **Upgrade existing laboratories, library resources, classrooms and ICT facilities.**

- Initiate planning for the establishment of advanced laboratories in emerging areas of technology.

- Encourage students to participate in hackathons, technical competitions, innovation challenges and certification programmes.

- **Enhancing quality of placement in India and abroad**
- Strengthen **research, innovation and entrepreneurship activities** among faculty and students.

- Encourage faculty members to identify opportunities for **research funding and sponsored projects.**

- Strengthen Internal Quality Assurance, academic audits and administrative documentation.

- **Enhance alumni involvement**, community outreach and extension activities.

2027–28 – Quality Enhancement and Accreditation Preparation

-**Apply for 12(B) Status**
- Strengthen the implementation of Academic Autonomy and improve academic governance.

- **Review and restructure the curriculum to make it industry-oriented, career-oriented, flexible and multidisciplinary**.

- Introduce **new study programmes, courses and specializations** based on emerging technologies, industry requirements and student demand.

- Introduce courses and programmes for **interdisciplinary and multidisciplinary knowledge** enhancement.

- Strengthen the implementation of relevant provisions of **NEP 2020**, **including multidisciplinary learning, flexibility, skill development and holistic education.**

- Introduce **foreign languages** as electives/value-added courses to improve global career and higher-education opportunities.

- Strengthen OBE implementation and attainment of Programme Outcomes and Course Outcomes.

- Introduce academic and **examination reforms with emphasis on continuous assessment,** application-oriented evaluation and transparency.
- Initiate systematic planning and documentation for NBA Accreditation of ECE, CSE and IT programs.

- Conduct internal academic and accreditation audits for NBA preparedness.

- Improve student academic performance through systematic academic monitoring and mentoring.

- Strengthen placement training with special focus on core companies, IT industries and higher salary packages.

- Increase internships, industry projects and professional certification opportunities.

- Establish advanced laboratories in emerging areas relevant to various programs.
- Initiate the establishment of **Centre of Excellence** in association with industries and professional organizations.

- Encourage faculty and students to undertake **research projects, quality publications, patents** and innovative activities.

- Strengthen efforts to obtain **research funding from Government agencies,** industries and other funding organizations.

- Strengthen the Institution's **Innovation Council, incubation, entrepreneurship and start-up activities.**

**- Promotion of Environmental Sustainability**
- Encourage student entrepreneurial projects and provide mentoring support for potential start-ups.

- Upgrade **laboratories and infrastructure** in line with accreditation and industry requirements.

- Strengthen faculty development through higher studies, certifications, FDPs, research and industry exposure.

- Active Participation of industries in the education offered via framing curriculum, delivery of the curriculum, experiential learning and evaluation

- Expand MoUs and collaborative activities with reputed industries and academic institutions.

- Strengthen alumni participation in mentoring, placement, entrepreneurship and institutional development.

2028–29 – NBA Accreditation, Research and Academic Excellence

- Apply for and obtain **NBA Accreditation for ECE, CSE and IT programs.**

- Strengthen systems and practices required for sustaining NBA accreditation.

- Review academic performance under autonomy and introduce continuous improvements.
- Introduce additional new **programs, specializations, minor/honors and interdisciplinary courses,** based on feasibility and regulatory provisions.

- Strengthen implementation of **NEP 2020** principles through multidisciplinary and flexible learning opportunities.

- Introduce advanced career-oriented, industry-oriented and skill-based courses in emerging technologies.

- Strengthen examination reforms through **digital evaluation**, question-bank development, continuous internal assessment and outcome-based evaluation.

- Strengthen **research centre** and promote funded research, sponsored projects and consultancy.

- Increase applications for research grants from Government funding agencies, industries and other organizations.

- Increase quality publications, patents, copyrights and faculty research output.

- Develop and strengthen Centre of Excellence in emerging and industry-relevant technologies.

- Establish and upgrade advanced laboratories and research facilities to support teaching, research and consultancy.

- Strengthen **incubation, innovation, entrepreneurship and start-up activities.**

- Promote student and faculty start-ups and encourage participation in innovation and entrepreneurship competitions.

- Enhance placement performance with focus on higher placement percentage and improved salary packages.

- Increase student participation in national-level hackathons, competitions and technical events.

- Strengthen industry-supported laboratories and collaborative research facilities.
- Encourage faculty members to **pursue Ph.D. programs**, professional certifications and advanced training.

- Strengthen **digital learning, smart classrooms**, Learning Management Systems and technology-enabled academic processes.
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- Improve institutional visibility through academic, research, innovation and outreach activities.

2029–30 – International Collaboration, Research and Institutional Expansion

- Establish **collaborations with foreign universities** and international institutions.

- Develop opportunities for student and faculty exchange programs.
- Explore joint research, international internships, collaborative academic programs and joint certification programs.

- Strengthen international exposure through conferences, webinars, faculty interactions and collaborative projects.

- Explore opportunities for international academic and research partnerships in multidisciplinary areas.

- **Expand Centre of Excellence in emerging areas such as Artificial Intelligence, Data Science, IoT, Robotics, Automation and other advanced technologies.**

- Establish additional advanced laboratories with industry and research collaboration.

- Strengthen funded research, consultancy and industry-sponsored projects.

- Increase external research funding and encourage participation in national and international research proposals.

- Increase patents, publications, technology development and technology transfer initiatives.

- Strengthen interdisciplinary and multidisciplinary research involving different departments.

- Develop stronger industry–institution partnerships for curriculum development, training, research and placement.

- **Periodically revise the curriculum** to meet changing industry, career and global requirements.

- **Strengthen examination and evaluation reforms under the autonomous system.**

- Improve placement opportunities with reputed national and multinational companies.

- Promote entrepreneurship through incubation support, mentoring, industry interaction and start-up funding opportunities.

- Encourage student and faculty start-ups and facilitate industry and investor connections.

- Strengthen alumni chapters and involve alumni in academic, placement, entrepreneurship and institutional development.

- Continue **infrastructure modernization** and campus digital transformation.

- Strengthen quality assurance systems and documentation in preparation for the **Second Cycle of NAAC Accreditation.**

2030–31 – NAAC Second Cycle and Institutional Excellence

- Apply for NAAC Second Cycle Accreditation and strive to enhance the institutional grade from B++ to A++.

- Strengthen all academic, administrative and quality assurance systems in accordance with NAAC requirements.

- Conduct comprehensive internal quality audits and ensure systematic documentation for NAAC accreditation.

- Strengthen the functioning of IQAC and institutionalize continuous quality improvement mechanisms.

- Sustain and further improve NBA-accredited programs and prepare additional eligible programs for accreditation.

- Strengthen Academic Autonomy through periodic curriculum revision, academic flexibility and innovative teaching–learning practices.

- Introduce and sustain new-age programs, emerging technology courses and interdisciplinary programs according to future academic and industry requirements.

- Develop a highly career-oriented curriculum integrating **employability, entrepreneurship, innovation, professional skills and industry exposure.**

- Institutionalize examination reforms with technology-enabled, transparent and outcome-based assessment systems.

- Strengthen Centre of Excellence and advanced laboratories as major facilities for teaching, training, research, innovation and consultancy.

- **Enhance research publications, patents, funded projects,** consultancy and interdisciplinary research.

- Increase research funding through Government agencies, industries, international collaborations and other funding organizations.

- Strengthen the institutional research ecosystem for high-quality and socially relevant research.

- Expand international collaborations and faculty/student exchange programs.

- Achieve higher placement percentages and increase the number of students placed in high-package and reputed companies.

- Strengthen entrepreneurship, incubation and start-up ecosystems and promote successful student and faculty ventures.

- Enhance green campus, sustainability, energy conservation and social responsibility initiatives.
- Strengthen alumni, industry, parents and other stakeholder participation in institutional development.

- Upgrade infrastructure, digital facilities and technology-enabled learning systems according to future requirements.

- **Strengthen institutional bench-marking, best practices and continuous quality improvement.**

- Establish Christian College of Engineering and Technology as a quality-driven, autonomous, accredited, industry-connected, research-oriented, innovative, entrepreneurial and globally engaged engineering institution.

FIVE-YEAR DEVELOPMENT PROGRESSION

2026–27: Academic Foundation, Autonomy Planning, Industry Orientation & Quality Strengthening

2027–28: Autonomy, NEP 2020, New/Interdisciplinary Courses & NBA Preparation

2028–29: NBA Accreditation, Advanced Laboratories, Research Funding & Centre of Excellence

2029–30: International Collaboration, Advanced Research, Entrepreneurship & Institutional Expansion

2030–31: NAAC Second Cycle – Target B++ to A++ & Institutional ExcellenceThis version gives a clearer year-by-year progression without placing all initiatives in a single year. It should work well for presentation before the Management, Governing Body, IQAC, NAAC/NBA committees, or Academic Council.