Internal Quality Assurance Cell
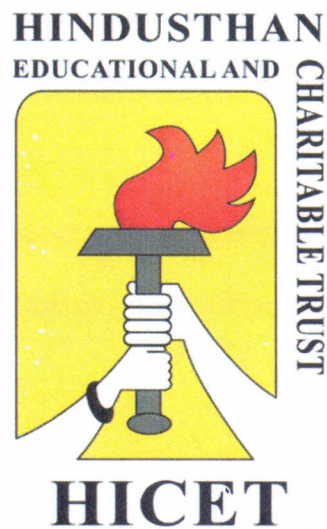
HINDUSTHAN
EDUCATIONAL AND CHARITABLE TRUST

HICET

Strategic Plan & Deployment

(2019-2020)

IQAC Vision

To promote quality culture and sustenance in academics and administrative process for holistic development of the institution.

IQAC Mission

1. To ensure innovative teaching learning practices.

2. To develop benchmark for monitoring various programs / activities leading to quality improvement.

Quality Policy

Hindusthan College of Engineering and Technology aims at providing the best education which will mould the students as the right characters, who will cater to the needs of the society. While providing the various inputs for the best education, Hindusthan College of Engineering and Technology will constantly thrive upon continual improvement with the utmost commitment for the complete satisfaction of the customer.

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Institutional Infrastructure

❖ To improve the teaching learning process by establishing ICT facilities in the classrooms.

❖ To escalate various modes of learning by the students with the provision of internet connectivity throughout the campus at high data speed.

❖ To build the innovation culture among students and faculty by promoting the publication of their research findings as product/ design patents through the guidance of the IPR cell.

❖ To enhance the presence of industry institute linkages by establishing Centre of Excellence in various fields of engineering.

❖ To assess new avenues for framing a better energy management policy for the institution by conducting audits at regular intervals.

❖ To promote eco-friendly initiatives in the campus by ensuring suitable waste management procedures.

❖ To strengthen MSME supported incubation centre, to ignite the minds of teachers and learners in developing a new innovative product.

❖ To establish a competency development centres

Academic Innovations

❖   To motivate the departments to get extension of accreditation from NBA to enhance funding opportunities from the government agencies and create better visibility for student placements with top MNC's.

❖   To introduce new courses with specialization in new emerging areas of computational sciences such as Artificial Intelligence and Data Sciences with industry integrated curriculum.

❖   To establish successful methodologies to adopt Outcome-Based Education (OBE) which would raise the quality of students by following a revamped examination system.

❖   To empower IQAC with a vision to scale up the research vertical of the institution and to receive financial support from the government agencies.

❖   To develop a system with the active participation of the student community which would lead to better placements, higher studies and participation in recruitment processes of various government agencies.

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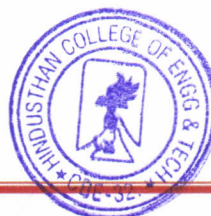### College of Engineering and Technology

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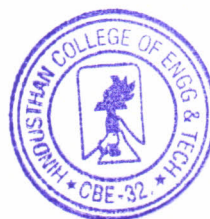
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❖ To bring out the technical skills embedded within the students by making them participate in various design competitions held (Smart India Hackathon, Ideathon etc.,)

❖ To promote the entrepreneurial attitude among the student community by establishing venues with financial aid from concerned authorities. (IDEA Lab, DST etc.')

❖ To improve the relationship of the student community with the outside world through active participation in activities offered by industry pioneers. (Internships, Mini Projects, In Plant training etc.,)

❖ To bring about a wholesome development of the students irrespective of their calibre by providing continuous moral and technical support

Academic/Research/Industrial linkage

❖ To establish at least one Centre of Excellence in all the Departments in cutting-edge technologies.

❖ To create awareness among the teaching and student community for utilization of online resources through libraries.

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❖ To promote the research instinct in the institution by conducting various awareness programmes and providing research incentives.

❖ To promote peer reviewed publication by faculty and students by providing qualitative and quantitative support.

❖ To improve seed money to the faculty and scholars involved in research and development

❖ To increase the number of MoUs with leading industries for students development activities like skill development, internship and training.

❖ To publish books through referred publishers with ISSN number in major engineering disciplines.

❖ To promote the publication of technical findings in journals/ patents among the faculty and student community.

❖ To organize idea sharing activities between the institution and other reputed organizations through twinning programmes.

❖ To enhance the Academic partnership with leading Industries.

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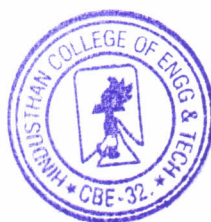
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Placement/ Entrepreneurship

❖   To enhance the technical skills of the students to boot up the opportunities for them in core industries.

❖   To promote the spirit of appearing in competitive examinations with the student community.

❖   To provide constant encouragement and support to the student community to enhance their skills by promoting gender equity.

❖   To intensify the mood of entrepreneurship among the student community by organizing various activities.

Extension activities

❖   To infuse the quality of social responsibility among students by promoting their participation in activities organised by NSS, NCC, YRC, Red Cross, Rotaract Club and supported by government agencies/ schemes such as Beti Bachao Beti Padhao.

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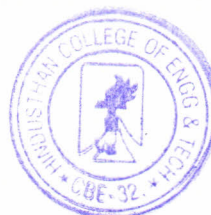
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❖ Promotion of research culture in the institution by organising more activities/interaction with industries, institutions of national and international imminence.

❖ To schedule and conduct more outreach activities by the institution to instil a sense of societal influence by organizing blood camps, energy conservation programmes, Swachh Bharat initiatives and awareness contests on the franchise to vote.

Gender Equity

❖ To promote gender equity initiatives among the student community by establishing a Women Empowerment cell in the campus.

❖ To encourage the participation of women in research initiatives offered by the various agencies of national/international imminence.

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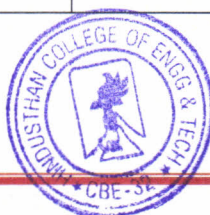
Strategic Plan Deployment (2019-20)

Strategic plan put forth by IQAC is approved by the Governing Body, discussed in CDC for effective implementation and monitoring.

Institutional level	• Won First Place in Hardware edition of Smart India Hackathon (SIH 2019). • MoE's Institution Innovation Council (IIC) in the institution earned star rating. • Decentralized the Academic and administrative responsibilities for students through various Committees and Clubs. • Energy Audit is carried out in the institution to monitor the energy requirements. Industry Partnered Centres ➢ IBM Software Lab • Hosted National Level SAUR URJA Vehicle Challenge (SUVC 2020).

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	• Secured top positions in EFFICYCLE 2019 organised at LPU, Punjab • Secured top positions in Rally Car Design Technology event (RCDC), 2019 in Thar Desert, Bikaner, Rajasthan.· • Participated in SAE SUPRA and E-BAJA.
Academic Innovations	• IBM integrated courses mapped with curriculum offered for the branches of B. E (CSE), B. Tech (IT) and B. E (ECE). • UG Departments of B Tech (Chemical Engineering) established. • Participated in the MoE's NIRF. • Funding received from AICTE under MODROBS scheme. • Skill enhancement training provided to SC/ST students through AICTE PRERANA scheme. • Entrepreneurial attitude promoted among the student community though activities organised with

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	funding from DST-NIMA.
Academic/Research/Industrial linkage	• Financial assistance given for organizing and participating in activities promoting research. MoU signed with ➢ Hindusthan Heavy Electricals Limited, Coimbatore. ➢ Roots Industries, Coimbatore.
Placement/ Entrepreneurship	Placement enhancement training provided MAC Private Limited, Singapore for MBA students.
Extension activities	Received approval for NCC Air Wing by 2(TN) AIRSQN.

PRINCIPAL
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