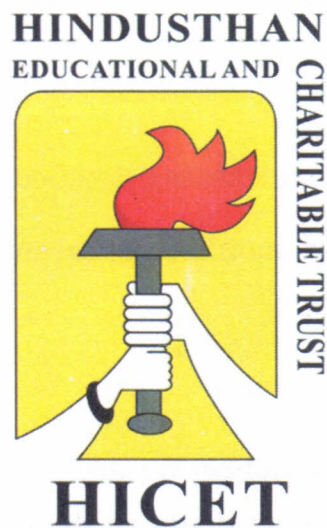


**HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY**  
Coimbatore 641 032, Tamilnadu, India

**Phone : 0422 4242424, website : [www.hicet.ac.in](http://www.hicet.ac.in)**

## **Internal Quality Assurance Cell**



## **Strategic Plan & Deployment (2021-2022)**





*Hindusthan*

*College of Engineering and Technology*

*(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited with NAAC "A" Grade)*



*Valley Campus, Pollachi Highway, Coimbatore-641032*

**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.





*Hindusthan*

*College of Engineering and Technology*

*(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University,  
Chennai, Accredited with NAAC "A" Grade)*



*Valley Campus, Pollachi Highway, Coimbatore-641032*

**Institutional Infrastructure**

- ❖ To setup a media centre for e-content development and facilitate the faculty with suitable equipment to integrate e-contents into teaching-learning practices.
- ❖ To become a Smart Campus by improving the college atmosphere through solar powered lighting, digitized path finding, smart cards in canteen, sports, library etc and automated parking.
- ❖ To initiate Green Audit and become a zero waste campus by adopting environmental practices and achieve an eco-friendly ambience.
- ❖ To establish separate space for IDEA Lab, Innovation lab and Incubation Centre.
- ❖ To establish a training centre for drone technology.

**Academic Innovations**

- ❖ To revise and revamp the curriculum and syllabus and create a new education structure that is aligned with the aspirational goals of NEP 2020.
- ❖ To introduce Industry Integrated courses specialized in Artificial Intelligence, Data Science, Networking, Cloud Computing, Robotics, Additive Manufacturing, Modern Concrete Technology, Formwork Engineering etc.
- ❖ To implement a fruitful Outcome-Based Education (OBE) by following an efficient evaluation procedure for CO-PO mapping and attainment as a measure to predetermine what a graduate can do after his/her graduation
- ❖ To strengthen IQAC for the betterment of institution in National ranking such as NIRF, ARIIA, AICTE-CII, India Today and other leading ranking agencies
- ❖ To strengthen the existing students mentoring system through collective and concentrated efforts on academic excellence, employability and higher education.







*Hindusthan*

*College of Engineering and Technology*

*(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University,  
Chennai, Accredited with NAAC "A" Grade)*



*Valley Campus, Pollachi Highway, Coimbatore-641032*

- ❖ To strengthen the support system for the student innovations and start-ups in pre-incubation phase and create a pipeline of market for their product
- ❖ To encourage the students to undergo mandatory summer internships with the industry as per the guidelines of AICTE, so that they become suitably employable
- ❖ To improve the Communication skills and English language literacy among students and faculty through Business English Certification (BEC) Course from Cambridge/ The Hindu's 'STEP' - Learn English on-line Programme
- ❖ To improve learning opportunities for slow learners by providing peer group discussions, mentorship, special coaching class etc.
- ❖ To educate the faculty and students on the resources available in NDL/e-ShodhSindhu/E-Pathshala/Shodh Ganga and ensure its effective utilization.
- ❖ To identify professionally experienced Visiting Professors/Adjunct faculty from reputed institutions/organizations as per AICTE guidelines and involve them in teaching learning process
- ❖ To implement and follow a strong student feedback system to assess the teachers as followed in the IITs and NITs to improve the educational quality system in the institution

**Academic/Research/Industrial linkage**

- ❖ To establish at least one Centre of Excellence in all the Departments in cutting-edge technologies.
- ❖ To establish an innovation centre in the campus with the support of MHRD and other govt. Agencies







*Hindusthan*

*College of Engineering and Technology*

*(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited with NAAC "A" Grade)*



*Valley Campus, Pollachi Highway, Coimbatore-641032*

- ❖ To strengthen the Entrepreneurship Development Cell (EDC) and encourage students having a high entrepreneurial potential by providing necessary training and support
- ❖ To set-up a Centre for Environment and Development (CED) to carry out activities related to environment sustainability and to serve as an institution of higher learning
- ❖ 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 in-house journals with ISSN number in major engineering disciplines.
- ❖ To increase the number of faculty publications in refereed journals like IEEE, Elsevier, Springer, Inderscience etc and also to encourage them in book publications.
- ❖ To insist the undergraduate and postgraduate students to publish their research work in Scopus/ Web of Science indexed Journals.





*Hindusthan*

*College of Engineering and Technology*

*(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University,  
Chennai, Accredited with NAAC "A" Grade)*

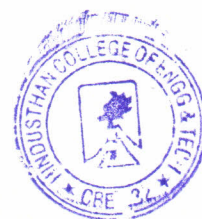


*Valley Campus, Pollachi Highway, Coimbatore-641032*

- ❖ To organize collaborative International Conferences, Twinning programme and Faculty Exchange Programme with Foreign Universities (Malaysia, Singapore, USA and UK).
- ❖ To enhance the Academic partnership with leading Industries like IBM, TCS, Google, COMPTIA, Texas Instruments, Institute of Analytics for making the students industry ready professionals.
- ❖ To provide consultancy to the Industry and Public Organization and generate funds for the development of the institution.
- ❖ To strengthen the established clubs with activities involving more students.

**Placement/ Entrepreneurship**

- ❖ To ensure smooth functioning of the training and placement activities in the campus.
- ❖ To facilitate enough training activities for students and make sure they get placed in the best of both national and international companies.
- ❖ To attain 80% placement for all eligible students through campus and off-campus interviews conducted by the top companies





*Hindusthan*

*College of Engineering and Technology*

*(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University,  
Chennai, Accredited with NAAC "A" Grade)*



*Valley Campus, Pollachi Highway, Coimbatore-641032*

- ❖ To aim for at least 5% of students to get qualified in competitive exams such as GATE, CAT, TANCET, TOEFL, GRE, IES, UPSC, TNPSC etc. through proper motivation and guidance.
- ❖ To extend the soft skill training on basic professional etiquettes such as writing an email, engaging in corporate telephonic conversations, preparing for an interview, writing technical reports/projects etc.
- ❖ To empower students with necessary technical and professional skills through skill set certification courses and help them to stand out in the competitive hiring scenario
- ❖ To organize and improve campus interviews for final year students with industries and business houses of repute from all over India and abroad.
- ❖ To expose students with current technological developments in relevant subject areas and its applicability for placement in core companies.
- ❖ To motivate at least 2% of students to become Entrepreneurs after their graduation by providing enough opportunities to improve the skills and knowledge of entrepreneurs through various training and classroom programs.







*Hindusthan*

*College of Engineering and Technology*

*(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University,  
Chennai, Accredited with NAAC "A" Grade)*



*Valley Campus, Pollachi Highway, Coimbatore-641032*

**Extension activities**

- ❖ To implement Schemes by MHRD on green and healthy environment in institutions such as "one student one tree" plantation drive in consultation with the nearest forest department.
- ❖ To implement funding schemes for environmental initiatives like Unnat Bharat Abhiyan, Jal Shakti Abhiyan etc.

**Gender Equity**

- ❖ To establish Gender Equality Initiatives through Internal Compliance Committee in the campus and to motivate girl students





*Hindusthan*

*College of Engineering and Technology*

*(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited with NAAC "A" Grade)*



*Valley Campus, Pollachi Highway, Coimbatore-641032*

## **Strategic Plan Deployment (2021-22)**

Strategic Plan put forth by IQAC is approved by the Governing body, discussed in CDC for an effective Implementation and Monitoring.

### **Institutional level**

- Our Secretary madam Tmt. T. R. K. Sarasuwathi Khannaiyann received "Edupreneur Award" from ICT Academy Tamilnadu.
- "Band Performer" in ARIIA ranking 2021.
- National Level winner in LEARNATHON 2021 by ICT Academy.
- DGCA approved Remote Pilot Training Centre, one among 31 in India and second in Tamilnadu.
- NITTTR Chandigarh approved Remote training centre for Skill development courses.
- Recognized with 4-star rating by MoE's Institution Innovation Council.
- Establishment of Centre of Excellence/ Competency Development Centres/





*Hindusthan*

*College of Engineering and Technology*

*(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University,  
Chennai, Accredited with NAAC "A" Grade)*



*Valley Campus, Pollachi Highway, Coimbatore-641032*

Industry Partnered Centres symbolize decentralization and participative management.

Centre of Excellence/ Competency Development Centres

- MoE's Virtual Lab
- Honeywell Centre of Excellence for Youth Empowerment
- AICTE LITE
- AICTE KARMA
- FoSTaC
- Rubber Chemical, Petrochemical Skill Development Council

Industry Partnered Centres

- NASSCOM
- AWS Academy
- TERV

- "Best spoke institution for Innovation and entrepreneurship 2021-22" by EDII-TN, Department of MSME, Govt. of Tamilnadu.







*Hindusthan*

*College of Engineering and Technology*

*(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University,  
Chennai, Accredited with NAAC "A" Grade)*



*Valley Campus, Pollachi Highway, Coimbatore-641032*

<b>Academic Innovations</b>	<ul style="list-style-type: none"><li>• Won first place in "Best Maneuverability" in Bicycle Design Competition 2021.</li><li>• Our students from Civil Engineering Department shortlisted for internship with Jaipur Smart City Limited.</li><li>• Our students from MCA shortlisted for "Innovations in Manufacturing Practices" organised by Jadavpur University, Kolkata.</li><li>• Our student Ms. R. Shakthi Shree participated in the Summer Fellowship Programme (SFP) 2022 at the Department of Civil Engineering, IIT Madras.</li><li>• Participated in the MoE's NIRF.</li><li>• Skill enhancement training provided to SC/ST students through AICTE SPDC.</li></ul>
<b>Academic/Research/ Industrial linkage</b>	<ul style="list-style-type: none"><li>• Recognized as IPR Nodal Center by Tamilnadu State Council for Science and Technology, Chennai.</li><li>• Approved SIRO Recognition by Department of Scientific and Industrial Research, Ministry of Science and</li></ul>





*Hindusthan*

*College of Engineering and Technology*

*(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University,  
Chennai, Accredited with NAAC "A" Grade)*



*Valley Campus, Pollachi Highway, Coimbatore-641032*

Technology, Government of India.

- Dr. M. Mohanraj, Professor, Department of Mechanical Engineering has served as visiting faculty at Yessenov University, Atau, Kazakhstan.
- Dr. M. Mohanraj, Professor, Department of Mechanical Engineering has been awarded as Top 2% of Scientists by Stanford University, USA.
- MoU signed with
  - Dambi Dollo University, Ethiopia.
  - Taylor's University, Malaysia.
  - CMTI, Bengaluru.
  - CIDC, New Delhi.
  - TEXAS Review, Hyderabad
  - Government ITI, Coimbatore
  - SITRA, Coimbatore.
  - Indo Shell Cast Private Limited, Coimbatore.





*Hindusthan*

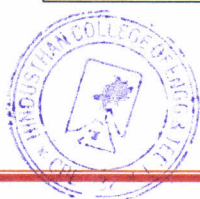
*College of Engineering and Technology*

*(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University,  
Chennai, Accredited with NAAC "A" Grade)*



*Valley Campus, Pollachi Highway, Coimbatore-641032*

	<ul style="list-style-type: none"><li>Financial assistance given to faculty for publishing patents, books, research paper.</li></ul>
<b>Placement/ Entrepreneurship</b>	<ul style="list-style-type: none"><li>Students were educated on Entrepreneurship awareness through EDII-TN to reach out to million beneficiaries under "Project One Million Ideas".</li><li>National Level Awareness Programme (e mode) SAMBHAV on entrepreneurship was jointly organised with MSME.</li><li>Organised IDEATHON jointly with SHAKTI-The Empathy Project, Ghaziabad, Uttar Pradesh.</li></ul>
<b>Extension activities</b>	<ul style="list-style-type: none"><li>Conducted Community Service project "Thugira- an Initiative to provide Sanitary Napkins to needy women" at nearby villages in hands with Rotary Club of Coimbatore.</li><li>Conducted "Drug Awareness Rally" joined organized with HICET and Rotary Club of Coimbatore.</li><li>Signed MoU with "Kovai Kulangal Pathukappu Amaippu, Coimbatore" an</li></ul>







*Hindusthan*

*College of Engineering and Technology*

*(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University,  
Chennai, Accredited with NAAC "A" Grade)*



*Valley Campus, Pollachi Highway, Coimbatore-641032*

NGO working for the upliftment of water bodies in and around Coimbatore.

- Received "Best NSS programme officer & Best NSS volunteer award" from Anna University, Chennai.
- HICET NSS has received "Best Covid campaign award" by Mahatma Gandhi National Council of Rural Education , Ministry of Education, Government of India.
- Organized Basic Leadership camp, Advanced Leadership Camp also Combined Annual training camp through HICET NCC.
- Lt Dr V. Ravikumar, NCC Coordinator, has been appointed for RDC selection camp, Madurai as troop commandant.
- NCC Air Wing Officer Dr. Jainulabdeen. S has been appointed for All India trekking camp at Karnataka.
- Conducted various Outreach/extension/communal activities around Coimbatore.





*Hindusthan*

*College of Engineering and Technology*

(An autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University,  
Chennai, Accredited with NAAC "A" Grade)



Valley Campus, Pollachi Highway, Coimbatore-641032

**Gender Equity**

- Organised International Women's Day celebrations in the campus.
- Celebrated International day of Girl child.
- Conducted National seminar on "Opportunities and challenges for woman and girls in scientific interventions" funded by Indian National Science Academy, New Delhi

Hindusthan ( PRINCIPAL  
Hindusthan College of Engineering & Technology  
COIMBATORE CAMPUS

