

***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**



## **Annual Report 2022-2023**



***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.

### **Objectives**

1. To sustain quality culture in the institution.
2. To develop a system of conscious, consistent and catalytic improvement in overall performance of the institutions.
3. To optimize and integrate modern methods of Teaching and Learning process.
4. To ensure adequacy in maintaining and functioning the support structure and services.
5. To document various programs/activities leading to quality improvement.
6. To organize inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.
7. To prepare and submit the Annual Quality Assurance Report (AQAR) as per the guidelines and parameters of NAAC.
8. To apply various institutional accreditation and ranking.



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### **About the Institution**

- Our Secretary madam Tmt. T. R. K. Sarasuwathi Khannaiyann crowned with “Academic Partner Excellence Award” – Bridge’ 23 (A high impact industry-institute interaction event) from ICT Academy Tamilnadu at Chennai Trade Centre from the Hon’ble Minister Thiru. T. Mano Thangaraj.
- In NIRF, Our institution is positioned in the band of 101-150 in the innovation category.
- Our institute has been an active Nodal Center of Virtual Labs under the National Mission on Education during 2022 with the National Institute of Technology, Karnataka and Surathkal to provide students with hands-on experience and promote interactive learning in science and engineering subjects.
- HiCET has partnered with Ministry of Education (MoE) from 2022 and 950 students have benefitted.
- NITTTR Chandigarh approved Nodal Centre for Faculty Development Programs on
  - (i) Research Scope In Electric Vehicles In Collaboration With ANSIS  
(Beneficiaries: 26 faculty members from various departments)
  - (ii) Power Quality Problems and Solutions  
(Beneficiaries: 24 faculty members from various departments)
  - (iii) Bigdata Applications in Electric Engineering  
(Beneficiaries: 24 faculty members from various departments)
  - (iv) Essential Industrial Chemistry for Engineers  
(Beneficiaries: 35 faculty members from various departments)
- IIC established at our institution had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Government of India, to promote



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Innovation and start-ups in the campus and received 4 Star Rating for consecutive 2 years.

- Society of Automotive Engineers (SAE), Institution Of Engineers (India) (IEI) and Computer Society of India (CSI) of HiCET has received best student's chapter award to recognize chapters that displayed considerable initiative throughout the year.
- Our institution has linked with Indian Institute of Remote Sensing (IIRS) of Indian Space Research Organization (ISRO) to offer training and workshops for students and faculty members in the area of Geographical Information Systems, Satellite Systems, etc. and has trained and benefited 67 members.
- Our institution extend it hands towards the skill development through Industry Partnered Centres
  - NASSCOM
  - AWS Academy
  - TERV
- 14.43 lakhs grant in aid received from various government bodies.

**Industry Partnered Centres**

- HiCET become the member in Food Safety Training and Certification (FoSTAC) in 2022 to offer its Certification Courses to the Faculty Members, Students and Public.
- 65 students have successfully completed training on the course "Advance Manufacturing & COVID" through FoSTAC.



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- DGCA Remote Pilot Training Organization (RPTO) Approved by IGRUA & DGCA (One among 31 in India) is established in 2022 through which 17 drone pilots were emerged.

### **Academic Innovations**

Developed a new educational framework that is in line with the aspirational objectives of NEP 2020 and revised the curriculum and syllabus.

### **Regulation 2022**

- Introduced Honour Degree and Minor Degree.
- Flexibility to drop Professional Core / Elective Courses and earn equivalent credit through Online / Industry offered courses as mentioned

#### **Paper publication / Granted Patent**

- Granted Patent – Project Work
- Scopus - 3 Credits
- SCI/SCIE/WoS - 6 Credits
- Winner in State Level - 3 Credits
- Winner in National Level - 6 Credits
- Winner in International Level - 9 Credits
- Inclusion of UHV Course, Courses relevant to cross-cutting issues, Skill Development, Employability and Entrepreneurship, Tamil Courses and Foreign Language Training, Personality & Character Development Courses.

### **Regulation 2019**

- Incorporated Theory with Lab Component Courses.
- Inclusion of NCC Courses as per AICTE Instruction.
- Introduced Employability Enhancement Courses like Soft Skills, Design Thinking & Intellectual Property Rights.
- Provision of Self Learning courses like NPTEL with credit transfer.
- Value Added Courses were introduced with additional credits.



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- Project Based Learning (Govt. of TN, IBM, ICT Academy - Naan Mudhalvan, Nalayathiran Scheme).
- Life Skill Courses on Human Rights, Women's Rights and Gender Equality Indian Ethos and Human Values, Indian Constitution and Political System and Yoga for Human Excellence were introduced.

**Research and Development**

- Four departments (Civil Engineering, Chemical Engineering, Physics and Chemistry) is recognized as Anna University approved Research Centre during the academic year 2022-23.
- A sum of Rs.14.43 lakhs grant in aid received from various government bodies like CSIR, AICTE, ISRO, TNSCST etc. to organize Conferences/workshops/seminars.
- 33 funding proposals of worth Rs.8,83,89,254 were submitted by faculty members of various disciplines to several funding agencies out of which 13 Proposals worth Rs.3,72,22,193 gone for evaluation during the academic year.
- Research Seed Money of Rs.2.64,000 is awarded to 5 research projects for this academic year to promote Inter disciplinary Research in thrust areas.
- The faculty members are encouraged with incentives for research activities for this academic year with an outcome of
  - 22 book publications
  - 7 book chapter
  - 47 Research paper in SCI
  - 16 Research paper in Scopus
  - 2 Research paper in UGC
  - 6 funded R&D projects
  - 42 Patents published



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- HiCET has signed 6 Memorandums of Understanding (MoUs) in this academic year in an effort to enhance students' educational experiences and give them multiple opportunities for skill development and career success.

### **Faculty Enrichment**

- In this academic year more than 300 faculties have attended conference, workshops, seminars, webinars, FDP, STTP etc.
- 315 programs were organized by the departments under various categories like Research methodology, IPR, Entrepreneurship, Skill development, career counselling, Gender Equity, human values etc.
- 17 programs were organized by the institution for professional development of the faculty.
- 12 programs were organized for professional/administrative training for non-teaching staff.

### **Placement and Entrepreneurship**

- 683 students were placed in different industries, MNCs in this academic year.
- To kindle the entrepreneurial spirit, Entrepreneur Development Cell have organized 16 programs in this academic year and 1895 beneficiaries have got awareness on entrepreneurship.
- 138 students have become as an emerging entrepreneurs.

### **Extension activities**

- 8 Events were conducted under Unnat Bharat Abhiyan for the adopted villages Arisipalayam and Ettimadai.
- The Rotaract Club of HiCET organized 23 events for the benefit of student



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community and the society.

- 53 extension activities were organized with 2822 beneficiaries by the National Service Scheme (NSS).
- 25 events were conducted by National Cadet Cops (NCC) wing of HiCET and motivated 4225 youth to provide leadership in all walks of life and always available for the service of the nation

**IQAC-Coordinator**

**PRINCIPAL**

**Hindusthan College of Engineering  
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COIMBATORE - 641 032.**

