



**HINDUSTAN**  
INSTITUTE OF TECHNOLOGY & SCIENCE

**P**OLICIES AND **G**UIDELINES

**Centre for Research & Consultancy**

Effects from June - 2014

HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE  
PADUR, KELAMBAKKAM  
CHENNAI – 603103

## INDEX

1	Research Ethos
2	Centre for Research & Consultancy
3	Research policy
4	Board of Research
5	Research Promotion Committee
6	IPR Committee
7	Initiatives to Promote Research
8	Guidelines for Sponsored Research
9	Industrial consultancy
10	Intellectual property policy of HITS
11	Internally-funded Research Projects
12	Establishment of Research Centre
13	Policy for Appointing Adjunct Faculty
14	Internally-funded Research Projects
15	Research Ethics



Registrar  
Hindustan Institute of Technology & Science  
Padur, Kelambakkam,  
Chennai - 603 103

## 1. Research Ethos

Hindustan Institute of Technology & Science (HITS) has a mission to become one of the top research universities by the end of this decade. The university's ethos is based upon the belief that every man has the ability to make a positive impact / difference to the world through free thinking and hard work. Its research ethos reflects a continuing commitment to academic research, creativity and innovation, responsibility and excellence. Hindustan University is committed to research in both Engineering & Technology and Science & Humanity, undertaken through focused research centres and strong industry networks and partnerships.

In our journey towards academic excellence, HITS encourages research, scholarship and creative work in its chosen disciplines. We will recognize and reward outstanding achievement. We will build our overall research capability by

- Recognizing and rewarding high- quality research in all disciplines
- Ensuring all staffs are research active and hold doctoral or relevant professional qualifications
- Promoting collaboration with notional and international institutions for carrying out innovative research in cutting edge technologies
- Transferring the technology developed aiming at improving economic status of the country, social well-being and sustainable development regionally, nationally and internationally
- Measuring research excellence , relevance and accessibility through regular, systematic benchmarking against international standards and through increasing the number of formal international qualification accreditations to enhance student opportunities for both employment and further study
- Maintaining strong partnerships with national and international institutions , R&D Organizations, and Industries
- Enhancing the growth of external research funding from government , industry and international sources
- Ensuring all research is conducted in accordance with the university's ethical standards and
- Promoting research supported by access up-to-date library collections, services, and information networks.

## 2. Centre for Research & Consultancy

The University's Centre for Research and Consultancy (CRC) is a service unit under the Office of the Director (Research). It provides valuable support in fulfilling the University's Vision-Mission through its programs and services. CRC promotes and nurtures a culture of genuine intellectual inquiry, advances inter-and multi-disciplinary studies, and serves as a clearinghouse for information related to faculty research activities on campus, among others, in support of this Vision-Mission.

### Its Programs and Services

- administers the Academic Research Program
- monitors externally-funded projects under taken by the different departments and research centers
- disseminates salient findings of completed researches
- provides project development and implementation assistance
- documents and assists in the formulation, review, and amendment of guidelines and policies governing research in the University

The Centre for Research & Consultancy is headed by Director (Research) assisted by Dean (Research) and Four Research Coordinators looking after Academic Research, Generic Training Programme, Funded Research, Consultancy respectively and an IPR Coordinator managing IP related issues.

- Director (Research) (Dr.G. Ilavazhagan)
- Dean (Research) (Dr.Baby Joseph)
- Res.Coordinator (Academic) Dr.P.S.Raghavan
- Res.Coordinator (Generic Training) Dr.A.Anitha
- Res.Coordinator (Funded Research) Dr.N.Kavitha
- Res. Coordinator (Consultancy) Dr.D.G.Haris Samuel
- IPCell Coordinator Mr.T.Sudalaimuthu

### 3. RESEARCH POLICY

1. Vision: To Make Every Man's success and No Man Failure
2. Mission: Hindustan University shall transform itself into a knowledge generator while imparting quality technical education and become one of the best Technical Research Universities by 2020

3. Research Policy:

To achieve the above mission, a robust Research Policy aims at improving the research culture in the University. The research culture depends on three domains viz. 1) Trifocal function of Faculty (Teaching, Research & Development, Community Service and Extension), 2) Faculty attributes and Output (Knowledge, skills, values and attitude) and 3) Institutional Attributes and Policies which influence each other.

The Institutional Research Policy aims at achieving the following targets:

- i) Achieving 100 % qualified (PhD) faculty by 2020
- ii) Producing at least 100 PhDs per year
- iii) Publishing 200 Publications per year in Peer reviewed Journals in next Five years and 300 per year by 2020
- iv) Getting 100 Patents (Process, Product and Design) by 2020

Action Plan:

The faculty shall be made aware that their functions involve Teaching, Research and generation of knowledge / technology useful to the society. They shall be actively involved in carrying out at least one research project. To improve their knowledge, skills and attitude, they shall be encouraged to undergo courses, training in India or abroad. University shall take policy initiatives to improve the research culture.

1. Efforts shall be made to recruit faculty with PhD.
2. Existing faculty shall be encouraged to do PhD at the earliest.
3. Efforts shall be made to admit full time research fellows. University may offer fellowships for the full time scholars initially for few years.
4. Research fellows may be allowed to have co-supervisors from IIT, Anna University or other Institutions of international repute.

5. The research fellows may be encouraged to have co-supervisors from Collaborating Universities abroad and spend some time in those Universities.
6. The faculty from collaborating Universities from abroad and Institutions shall be made Adjunct Faculty and provision for payment of local hospitality and honorarium may be made.
7. Video Conferencing Facility established already shall be used for regular interactions.
8. Research Facilities (Space and equipments) to be augmented.
9. Incentive scheme for carrying out research shall be evolved.

## 4 .Board of Research

Board of Research consisting of the following Members has been constituted for monitoring the Progress and steps to be taken to promote research in the University.

Chairman	: Vice-Chancellor (Dr.S.Ramachandran)
External Expert - 1	: Director, NIT, Hiamirpur (Dr.Rajnish Srivastava)
External Expert - 2	: Director, RIC (DRDO) (Dr.V.Ramanujachary)
Dean (Research)	: Member
Dean (Academics)	: Member
Deans of Schools	: Member
HOD (AERO)	: Member
Research Coordinators	: Members
IP Coordinator	: Member
Director (Research)	: Member Secretary

## 5 . Research Promotion Committee

S.No	Name	Desig.	Dept.	Appointed as
1	Dr. G. Ilavazhagan	Director Research (Funded and Sponsored)	Admin.	Chairman
2	Dr. Baby Joseph	Dean (Research)	Admin.	Vice-Chairman
3	Dr. R. Devanathan	Professor (Part Time)	E.E.E	Advisor
4	Dr. N. Vasudevan	Dean (Academics)	Admin.	Advisor
5	Dr. P. S. Raghavan	Professor	Chemistry	Assistant Coordinator
6	Dr. A.Anitha	Professor	Chemical	Assistant Coordinator
7	Dr. Ravikumar Bhargava	Dean (Arch)	Arch.	School of Architecture
8	Dr. P.S. Joanna	Professor	Civil	School of Building Sciences
9	Dr. Dinakaran	Professor	Mech.	School of Mechanical Sciences
10	Dr. K. Ramajeyathilagam	Senior Professor	Aero.	School of Aeronautical Sciences
11	Dr. P.M. Rubesh Anand	Associate Professor	E.C.E	School of Electrical Sciences
12	Dr. Ramesh Kumar	Associate Professor	I.T	School of Computing Sciences
13	Dr. C. Padmanaba Sivakumar	A.P (SG)	M.B.A	School of Management
14	Dr. M. Prabakaran	Professor	Chemistry	School of Science & Humanities



## 6.IPR Committee

### INTELLECTUAL PROPERTY RIGHTS CELL (IPR CELL):

#### Duties and Responsibilities:

- 1 To encourage staff members to submit their applications for their inventions for patents.
- 2 To follow up continuously with the authorities for getting patents and copyrights for the applications that is submitted by our staff members.
- 3 To keep patent related records in safe custody and to inform the staff members and management about the status of the patent.

S.No	Name	Design.	Dept.	Appointed as
1	Dr. G. Ilavazhagan	Director (Research)	Admin.	Chairman
2	Dr. Baby Joseph	Dean (Research)	Admin.	Vice Chairman
3	Dr. P.S. Raghavan	Professor	Chemistry	Asst Coordinator
4	Mr.G.Muthu Kumaran	Associate Professor	E.I.E	Member
6	Dr. M. Prabakaran	Professor	Chemistry	Member
7	Mr. V. Ramanathan	A.P (SG)	Auto.	Member
8	Mr. T. Sudalimuthu	AP (SG)	CSE	Member

## 7. Initiatives to Promote Research

### Funded Projects:

1. Internal Funding for Research
2. Help in identifying Areas for writing Proposals to Funding Agencies
3. Help in Writing Proposals
4. Seed Money for Sanctioned Projects

### Incentives for Carrying out Funded Projects:

5. Reduction in work load when Project is sanctioned
6. Incentive for sanctioned Projects (2.5 % of the total Sanction)
7. Incentives for Publications in Scopus / WOS / IEEE indexed Journals

### Faculty Improvement:

8. External Registration for Ph.D. in National Institutions such as IITs and IISc. (Leave for One Semester)
9. Fellowships for Ph.D. in Collaborating Universities from abroad for Three Years
10. Reduction in workload for Faculty members registered for Ph.D. in IITs
11. Deputation for short term and long term Postdoctoral Fellowships
12. Support for attending Conferences / Workshops in India / abroad

### Industrial Consultancy:

13. Incentives for Consultancy Projects (up to 50 %)

### Protection of IPR

14. Support for Filing Patents

### Enabling Policies:

15. Guidelines for Funded Projects
16. Guidelines for Consultancy Projects
17. Guideline for IPR
18. Guidelines for establishing Research Centres
19. Guidelines for Internally funded Projects
20. Guideline for External Registration
21. Guidelines for appointing Adjunct / Visiting Professors
22. Policy for Ethics in Research

**Initiatives to Improve Quality:**

23. Journal Book (List of Indexed Journals) available in HITS Website for ready reference
24. Turnitin –Software for checking similarity / plagiarism
25. Scopus / Science Direct & other data bases
26. Provision for Joint Supervisor from collaborating Universities / Industry
27. Provision for having DC Meetings through SKype in such cases
28. Support for carrying out research work in partner Universities / Industry / National Institutions