



Shri Aillak Pannalal Digamber Jain Pathashala's

# WALCHAND INSTITUTE OF TECHNOLOGY

**(An Autonomous Institute)**

Accredited by **NAAC A+ Grade** and **NBA, New Delhi** for Civil Engg., Mechanical Engg., Electronics Engg., Electronics & Telecommunication Engg.

Winner of AICTE-CII Survey 2013, 2014 & 2018 Award for Best Industry-Linked Institute.

Recognized by **AICTE**, New Delhi

Permanently affiliated to **Punyashlok Ahilyadevi Holkar Solapur University, Solapur**  
Solapur Jurisdiction only.

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## Research Policy

### Introduction:

*Shri Aillak Pannalal Digambar Jain Pathashala* Trust (established in 1885), has started **Walchand Institute of Technology, Solapur** in **1983**. Institute presently runs UG, PG and Ph.D. programmes in Engineering. Institute has secured 'A+' Grade by NAAC and all the UG programs are accredited by NBA, New Delhi. In the year 2021, Institute was awarded Autonomy by the UGC. Institute is a Recognised Ph.D. Research Centre of Punyashlok Ahilyadevi Holkar Solapur University, Solapur for Civil Engineering, Computer Science and Engineering, Electronics Engineering and Mechanical Engineering.

National Education Policy (NEP) 2020 envisages the promotion of quality research within the Higher Education system. In view of this, Institute has prepared a Research Policy with a view to strengthen the research ecosystem, enhance research quality and foster research activities. The policy has been designed as per the NEP's requirement for an emphasis on research, innovation and technology development to address complex and challenging issues faced by the society. The policy will attempt to bridge the gap between research and its extension for visible outcomes as a contribution to Atma-Nirbhar Bharat (Self-reliant India) to align with the provisions of National Education Policy – 2020 (NEP-2020).

### Vision:

To establish viable research ecosystem aligned with the provisions of NEP-2020 for promoting need based integrated research in Engineering and Technology.

### Mission:

- To establish research environment for inculcating research culture among staff and students.
- To encourage basic, fundamental and applied research as per NEP-2020.
- To strengthen collaborative research to address the needs of society, industry, policy makers at the local, national, and international levels.
- To enhance resource mobilization through research projects funded by various agencies.
- To extend R & D consultancy to stakeholders.

**Objectives:**

- Establishment and furthering of existing Research Facilities to achieve the ultimate goal of NEP-2020 by establishing ‘Innovation, Incubation, Entrepreneurship and Start-up ventures’
- Strengthening of infrastructure and facility for research in emerging areas of Engineering and Technology.
- To focus on integrated research projects through interdisciplinary and transdisciplinary research projects.
- To promote quality research through publications.
- To submit research proposals to AICTE, P.A.H. Solapur University- Solapur, DST,ISRO, NGOs, industries and other funding agencies.

**Policy Guidelines and Functions:**

- To establish Research and Development Cell for managing and coordinating the research related database of the institution i.e. Research Information Management System (RIMS) as per the guidelines of UGC.
- To direct various departments and centres for conducting effective and ethical research.
- To smoothen the procedure for purchase of equipment and financial management with adequate autonomy to the research investigators and students.
- To strengthen ‘Knowledge Resource Centre’ comprising of digital library and information, intellectual property facility, data analysis software, plagiarism check facility etc.
- To offer specific incentives for research faculty and students through corpus fund/seed money for participation in conferences, workshops, research festivals etc.