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Research and Development (R&D) Policy of the Institute

Introduction

The Research and Development (R&D) Policy outlined herein aims to foster a culture of innovation, inquiry, and continuous improvement within CT Institute of Technology & Research, Maqsudan, Jalandhar an esteemed institution dedicated to engineering and management education in India. This policy serves as a guiding framework to enhance the institution's research capabilities, promote interdisciplinary collaboration, and contribute significantly to the advancement of knowledge and technology.

Objectives

- To promote a vibrant research culture among faculty and students.
- To facilitate collaborative research initiatives with industry and academia.
- To encourage interdisciplinary research projects addressing societal challenges.
- To provide ample support and resources for innovative research endeavors.
- To enhance the visibility and impact of the institution's research outputs globally.
- To foster an entrepreneurial ecosystem to translate research findings into practical solutions.

Research Infrastructure and Facilities

CT Institute of Technology & Research, Maqsudan, Jalandhar is committed to providing state-of-the-art research infrastructure and facilities to support cutting-edge research across various domains. This includes well-equipped laboratories, research centers, computing resources, and access to relevant databases and libraries.

Research Funding and Grants

The institution shall establish mechanisms to provide funding and grants for research projects undertaken by faculty and students. This may include seed grants,

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internal funding schemes, and assistance in securing external research grants from government agencies, industry partners, and other funding bodies.

Research Ethics and Integrity

CT Institute of Technology & Research, Maqsudan, Jalandhar upholds the highest standards of research ethics and integrity. All research activities must adhere to ethical guidelines, ensuring the responsible conduct of research, integrity in data collection and analysis, and proper attribution of sources. The institution shall provide training and resources to promote research integrity among faculty and students.

Intellectual Property Rights (IPR)

The institution recognizes the importance of intellectual property rights in fostering innovation and entrepreneurship. Faculty and students are encouraged to protect their research findings through patents, copyrights, and other forms of intellectual property protection. The institution shall provide support and guidance in navigating the process of IPR protection and commercialization.

Collaborative Research and Industry Partnerships

CT Institute of Technology & Research, Maqsudan, Jalandhar actively encourages collaborative research initiatives with industry partners, research organizations, and other academic institutions. Such collaborations facilitate knowledge exchange, technology transfer, and the development of real-world solutions to industry challenges. The institution shall establish frameworks and mechanisms to facilitate and support collaborative research endeavors.

Interdisciplinary Research

The institution recognizes the significance of interdisciplinary research in addressing complex societal challenges. Faculty and students are encouraged to collaborate across disciplines to tackle multifaceted problems and explore innovative solutions. CT Institute of Engineering, Management and technology, Jalandhar shall promote interdisciplinary research through interdisciplinary

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research centers, joint appointments, and interdisciplinary research funding schemes.

Research Promotion and Recognition

The institution shall promote and recognize outstanding research achievements by faculty and students through various mechanisms, including awards, honors, and research publications. Efforts shall be made to enhance the visibility and impact of the institution's research outputs through conferences, seminars, workshops, and other dissemination activities.

Monitoring and Evaluation

CT Institute of Technology & Research, Maqsudan, Jalandhar shall establish a robust system for monitoring and evaluating the effectiveness of its research and development initiatives. This includes regular assessments of research outcomes, impact metrics, and feedback mechanisms from stakeholders. The institution shall utilize the findings from these evaluations to continuously improve its research policies and practices.

Conclusion

The Research and Development Policy outlined herein reflects CT Institute of Technology & Research, Maqsudan, Jalandhar commitment to fostering a culture of innovation, inquiry, and excellence in research. By providing adequate support, resources, and incentives, the institution aims to nurture a vibrant research community that contributes significantly to the advancement of knowledge, technology, and society.



IQAC Co-ordinator



Director
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