



INSTITUTE OF ADVANCED RESEARCH

The University for Innovation

POLICY FOR PROMOTION OF RESEARCH & INNOVATION

Preamble

Institute of Advanced Research, *the University for Innovation*, is a research-intensive university. Research drives educational programs as well as innovation activities at the University.

IAR has an excellent history of research since its beginning as it was established with a vision to create excellence in Research and Education to benefit the society. IAR provides high quality education in Science, Engineering, and Management underpinned by research in order to make a positive impact on business, industry and society.

Research and innovation at IAR are funded by a range of research funding agencies such as DBT, SERB, DST, ICMR, GUJCOST and GSBTM. Research and development funded by industry is rapidly increasing with blue chip companies such as Tata commissioning work with us. In addition, we also support capacity building in terms of human resources for research and industry and specialist physical infrastructure. The University promotes research amongst faculty and students and provides incentives to carry out research and innovation, organization of conferences and workshops to share new knowledge. IAR has a strong doctoral program for award of Ph.D. with graduates sought after by world class universities such as Yale and Massachusetts, and India's leading national research institutions.

This policy articulates the strategic actions implemented by the Institute of Advanced Research to enable faculty and students to continue to excel in research and innovation.

Objectives of the Policy

- 1) To be Gujarat's leading State Private University for research and innovation.
- 2) To attract and retain faculty and researchers who excel in their respective disciplines and are committed to multi-disciplinary research with a focus on impact.
- 3) To create a conducive environment for Research & innovation excellence by providing appropriate infrastructure and research support.
- 4) To encourage the faculty to carry out cutting-edge research with impact to develop next generation products and services to address the challenges in economy, health, environment and society.
- 5) To identify and exploit opportunities for collaborative research with industry, business and community.

- 6) To attract research and innovation funding from state/national/international funding agencies.
- 7) To identify and capture the Intellectual Property from IAR's research at all levels including the dissertation projects of undergraduate and postgraduate students.
- 8) To be the preferred source for consultancy and advice for industry, business and society.

To achieve the above objectives, the IAR committed itself to the following:

1) Seed funding for research:

IAR provides mentoring and seed funding for the initial development of concepts into a viable proposal and research activities for new faculty and research staff, and for new strategically important projects and programs.

2) Research grants: IAR encourages and challenges its faculty and research staff to develop new research proposals in the areas of University's priorities to public and private sector funding agencies and to private to attract financial support for research and innovation.

3) Infrastructure support: IAR provides appropriate infrastructure that supports research and innovation excellence.

4) Funding to promote research quality: IAR rewards high quality research outputs whether they are in world class peer reviewed journals, research and development grants from business and industry, licensing of patents, major national and international recognition etc.

5) Financial assistance to Ph.D. students

IAR supports full-time research scholars through financial assistance.

6) Awards for sustained excellence in Research & Innovation: IAR offers awards for sustained achievement in research and innovation over several years.

7) Participation in Conferences/Symposium/workshop

IAR encourages the participation of faculty in international, national conferences through appropriate grants and funds.

8) Organization of seminars and lectures by an eminent scientist: The University regularly organizes seminars and lectures by eminent scientists, businessmen and civic society leaders regularly to inspire ideation and thought leadership.

9) Organization of Workshops/Conferences/Training Program

IAR organizes international and national conferences to promote research and innovation collaborations and to disseminate the research outputs and outcomes in order to enhance the pool of knowledge in the areas of expertise at the University.

10) Performance based career progression: IAR has implemented a performance-based remuneration and career progression policy for the faculty. Research and innovation are key amongst the key criteria for the evaluation of performance.

11) Incentivization of research and innovation: In order to excel in research and innovation, the University

- incentives for world class publications,
- incentives for attracting competitive research grants and industry funding over a sustained period, and
- Incentives for high quality patents, patent licensing and start-ups based on patents and for attracting venture capital.

12) Collaborative research and innovation: IAR priorities multi-disciplinary and inter-disciplinary research and development through various funding mechanisms. We also actively seek and pursue collaborative research and development partnerships with other institutions and researchers

This policy is supported by a range of procedures and the University's research is evaluated and validated through the University Research Advisory Committee that is chaired and led by external research and innovation leaders.