

DAV UNIVERSITY, JALANDHR

Directorate of Research, Innovation and Consultancy (DRIC)

The Directorate of Research, Innovation and Consultancy (DRIC) has been established at DAV University Jalandhar with an expanded mandate to supervise and facilitate all kinds of research, innovation and consultancy related activities. The functions of the DRIC include: coordinating the university-wide research agenda; sourcing and managing funding for research; developing and advising the Academic Council on criteria for the research component of assessments for promotion; promoting research in Faculties; promoting quality research in the University, and coordinating and supporting publication of journals and text books and/or book chapters in the University.

DRIC also aims to harness research and innovation outputs for the University's entrepreneurial drive. The directorate is responsible to implement the University's research and innovation agenda and create a conducive environment for nurturing creativity and innovation.

DRIC develops policies, including Journal Management Policy, Research and Consultancy Policy and Intellectual Property Policy, to guide scholarly activities in the University. The Directorate also builds the research capacity of faculty members through cutting edge training across the research and innovation ecosystem.

Our commitment to research and innovation shall be driven by a five-year research agenda. The 2023-2027 Research Agenda, under the theme Trans-disciplinary Research and Innovation for Sustainable Development in a Changing World, shall provide the roadmap for research that transcends traditional disciplinary boundaries and integrates the disciplines of science, engineering, management, commerce, humanities, education, social and health sciences. It shall highlight the need for trans-disciplinary approaches and concerted efforts involving academia, industry, government, civil society, private and public sectors to address emerging issues such as digital transformations, artificial intelligence and COVID-19, to ensure sustainability and societal impact.

Directorate is committed vigorously to pursue its vision of transforming DAV University into a leading research institution with world-wide acclaim

DAVU Research and Development Cell (RDC)

Research and Development Cell (RDC) focuses to encourage research beliefs in the university by encouraging research in newly challenging and emerging frontier areas of Science, Engineering, Technology, and Humanities.

RDC also motivates the researchers and faculty members to undertake the research in newly developing areas including interdisciplinary fields. RDC enriches the overall research capability of growing technocrats by way of participating in conferences, workshops, seminars, research project competition, etc.

Objectives

- Monitor develop, and review policies relating to the University's research activities, which includes research and research training, internationalization and management.
- Encourage the development of the University's strategic research priorities and objectives and monitor research outcome within the framework of the University's planning process.
- Evaluate Guide, monitor, and endorse the activities of its sub-committees.

- Review, on a regular basis, submissions for formation and or continuation of University Research Strengths and advice on funding allocations to, and the status of, all RDC funded research groups/projects.
- To undertake research activities and development projects offered by agencies such as DRDO, DST, AICTE, UGC, SERB, PEDDA etc
- Affirm policies for sponsored research and consultancies.
- Safeguard the intellectual property of the University and its Faculty.
- Provide leadership and instruction on mechanisms to improve monitoring, benchmarking and reporting of the University's research performance.
- Hold one to two events annually to facilitate the exchange and propagation of information concerning research training issues for the broader research community.

Function and Duties

- To provide strategic leadership for research in University and may draft and develop policies related to research.
- It may lead the University to ensure a sustainable research environment and culture.
- The RDC may entrusted to encourage the development of interdisciplinary research, in line with the University's priorities
- To encourage the faculty members and departments for International collaborations in research.
- RDC shall undertake University level projects of contemporary relevance and importance.
- To plan academic programmers such as Teacher-Exchange programmes in collaboration with other institutions of higher education and organize academic activities involving a cluster of institutions.
- The RDC may be assigned to work out long term research plans of the University
- This RDC may be entrusted to organize lectures and workshops on current trends related to research methodology and other topics of interdisciplinary nature.
- The RDC may ensure that the University meets its targets for research outputs, working closely with other Units of the University such as Planning and Developments, IQAC etc.
- To assist the academic departments and faculty members to find out funding sources and research planning processes.

Role and Responsibilities of RDC

- To care a conducive environment for advancement of Research & Innovation activities in the university.
- To encourage collaborative research.
- To inspire faculty members to apply for major, Minor Research Projects.
- To ensure smooth functioning and effective Management of Innovation, Research and Development activities of the university.
- To strengthen industry – institute interaction by promoting consultancy, testing and need based research & innovation activities in the university.

- To identify the potential areas of research in various disciplines and form the faculty into various clusters based on their specialization.
- To prepare and submit proposals to government agencies for obtaining funded projects.
- To encourage multi- disciplinary research internally within the university and externally with other organization.
- Encourage the staff to attend/ publish papers in various National/ International conferences of their specialized areas.
- To coordinate the research activities among the various departments and to address potential conflicts.
- Encourage the faculty to attend various research-oriented FDP, STC and seminars.
- To encourage the staff to publish their research works in reputed journals that have good impact factor and are indexed in Scopus and Web of Science (WOS).
- Scrutinize the student's project proposals and send them to various agencies for financial support and recommend the suitable projects.

DAVU-IIC (Institutional Innovation Cell)

Vision: To produce value based multidisciplinary high quality globally competent researchers, innovators and entrepreneurs for providing their services at National and International level.

Mission:

1. To engage large number of faculty, students and staff in various innovation and entrepreneurship related activities such as ideation, Problem solving, Proof of Concept development, Design Thinking, IPR, project handling and management at Pre-incubation/Incubation stage, etc., so that innovation and entrepreneurship ecosystem gets established and stabilized in the DAV University Jalandhar.

2 To earn and maintain the excellent rank on indicators related to “Innovation and Entrepreneurship Development” amongst students and faculties, as described by Atal Ranking of Institutions on Innovation Achievements (ARIIA), an initiative taken by Ministry of Education (MoE), Govt. of India

Focal Parameters:

The innovation cell at DAV University focuses on the following parameters for innovation and entrepreneurship development:

1. Mind - Set Development (I&E teaching and learning)
2. Teaching and Learning (I&E mind-set development)
3. Infrastructure and Facilities
(I& E infrastructure facilities)
4. Innovations Developed
5. Start-ups Established
6. Collaboration and Investment (Collaboration and Investment Facilities)
7. IP and Commercialization (Intellectual Property and Commercialization)

8. Expenses and Revenue (I&E expenses and Revenue)
9. Initiatives of MoE (Participation in I&E initiatives of MoE)

Programs and Schemes of Innovation Cell

1. Innovation Ambassador Program

Purpose: Building In-house Human Resource Capacity to Engage, Manage and Generate I&E: Training & mentoring support to Students & Faculties

2. Impact Lecture Session

Purpose: Funding Support to HEIs located faraway from I&E Ecosystem to Organize Impact Lectures - Institutes Performance Improvement

3. Innovation Contest

Purpose: 360 Degree Experiential Learning program for Potential Student Innovators and Entrepreneurs Students

4. Mentor-Mentee Program

Purpose: Peer Group Mentoring Support with Funding Support - Institute Improvement & Inter-institutional Collaborations

5. Yukti National Innovation Repository

Purpose: A System of Building Repository of Ideas, Innovations and Starts-ups - Campus to Commercialization

The innovation cell at DAV University also focuses on the following initiatives of MoE, GoI

1. Smart India Hackathon (SIH)
2. Institutional Innovation Council (IIC)
3. Kalam Program for IP literacy and Awareness (KAPILA)
4. YUKTI 2.0
5. National Innovation and Start up Policy (NISP)
6. School Innovation Ambassador (NIASP)

Team DRIC

(Directorate of Research Innovation and Consultancy)

DAV University, Jalandhar

email: dric@davuniversity.org