

# PARUL UNIVERSITY

R/Notification-1093/2023-24

Office of the Registrar  
July 13, 2023

## NOTIFICATION

**Sub: - Establishment of Research and Development Cell in the university**

**Ref: (i) Guidelines for Establishment of Research and Development Cell in Higher Education Institutions notified by UGC dated March 4, 2022**

**(ii) Proposal submitted by Director, CR4D**

**(iii) Orders of Dr.Geetika Madan Patel, Vice President (Quality, Research and Health Sciences)**

UGC, New Delhi has notified guidelines on establishment of Research and Development Cell in Higher Education Institutions with an aim to put in place a robust mechanism for developing and strengthening the research eco system within HEIs and to create conducive environment for enhanced research productivity, to encourage collaboration across industry, government, community-based organizations and agencies at local, national and international levels and to facilitate greater access to research through mobilization of resources and funding.

In compliance with the above mentioned guidelines notified by UGC, New Delhi, the University has renamed its 'Center of Research for Development (CR4D)' as 'Research and Development Cell' (RDC). Dr.M.R.Yadav, Director, CR4D is redesignated as Director and Convener of Research and Development Cell in the university.

Further, the Research Advisory Committee in the university is re-named as Research Advisory Council which shall be the apex body of Research and Development Cell.

Research Advisory Council will be headed by the Provost.

### **Composition of Research Advisory Council is as follows**

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| 1. The Provost  | Chairperson |
| 2. Dr.Anand Joshi, Director (Research), PIT   | Member      |
| 3. Dr.Abhay Dharamsi, Dean, Faculty of Pharmacy and Principal, PIP                  | Member      |
| 4. Dr.Prasanna Mathad, Professor, Dept.of Rasa Shastra Evam Bhaishajya Kalpana, PIA | Member      |
| 5. Dr.Gireesh Babu, Professor and Head, Dept. of Biotechnology, PIAS                | Member      |
| 6. Dr.Kartik Vishwanathan, Professor and Head, Dept.of Orthopedics, PIMSR           | Member      |
| 7. Dr.P.G.K.Murthy, Professor, Faculty of Management Studies                        | Member      |
| 8. Director, IQAC   | Member      |
| 9. Dr.Nirajkumar Singh, Jt.Director, GBRC, Gandhinagar                              | Member      |
| 10. Dr.Datta Madamwar, CHARUSAT, Changa, Dist: Anand                                | Member      |
| 11. Dr.Mahesh Chhabria, Principal, L.M.College of Pharmacy, Ahmedabad               |             |
| 12. Dr.Sanjay Chaudhary, Associate Dean, Ahmedabad                                  |             |

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| University   | Member           |
| 13. Director and Convener, Research and Development Cell | Member Secretary |

Under the aegis of Research and Development Cell in the university, the following committees will be constituted separately and Member-Secretaries of the said committees will report to Director, Research and Development Cell to attain its objectives.

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| <b>i) <u>Finance &amp; Infrastructure Committee</u></b>                    |                  |
| Director and Convener, Research and Development Cell                       | Chairperson      |
| Provost  | Member           |
| Dr.Dipak Gaywala, Associate Professor, Faculty of Management Studies       | Member           |
| Dr.Suhasini Kulkarni, Associate Professor, Dept.of Civil Engineering, PIET | Member           |
| Chief Finance and Accounts Officer   | Member Secretary |

**Functions of the Finance & Infrastructure Committee**

- i) To formulate the rules and regulations related to policy framework for utilization of facilities and resources of university departments.
- ii) To support in development of research proposals from the university teachers for the external funding.
- iii) To mobilize the resources of the university departments and to develop corpus/seed funds from various funding agencies.
- iv) To identify, channelize and promote investors for the research and development activities of the university departments.
- v) To provide adequate infrastructure and support in terms of technology and information needs

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| <b>ii) <u>Committee for Research Promotion, Policy Making and Development Work</u></b> |                  |
| Director and Convener, Research and Development Cell                                   | Chairperson      |
| Dr.Abhay Dharamsi, Dean, Faculty of Pharmacy and Principal, PIP                        | Member           |
| Dr.Anand Joshi, Director (Research), PIT   | Member           |
| Dr.Rajkumari Soni, Director, Multidisciplinary and Interdisciplinary Programme         | Member           |
| Dr.Gireesh Babu, Professor and Head, Dept. of Biotechnology, PIAS                      | Member           |
| Dr.Tarun Upadhyay, Assistant Professor, PIAS and Research Scientist, CR4D              | Member           |
| Dr.Prasanna Mathad, Professor, Dept.of Rasa Shastra                                    |                  |
| Evam Bhaishajya Kalpana, PIA   | Member           |
| Dr.Arvind Yadav, Professor, Dept.of Electronics and Communication Engineering, PIET    | Member-Secretary |

### **Functions of the Committee for Research Promotion, Policy Making and Development Work**

- i) To prepare annual research plan, implement and monitor the research activities of the university departments.
- ii) To formulate rules and regulations related to facilitate exchange of students, faculty and scholars of the university departments.
- iii) To develop research information management system of the university departments and to facilitate the access of the same to others.
- iv) To promote high priority areas of the nation through research mandate.
- v) To develop clusters of university department researchers working in the high value inter- and trans-disciplinary research areas and to promote national and international funding.
- vi) To monitor and maintain the integrity and ethics of the research activities of the university departments.
- vii) To keep everyone informed about announcements by various funding agencies like DST, DAE, DRDO, ISRO, CSIR, AICTE, UGC and University etc.
- viii) To enlighten the state-of-art technologies to scholars through special lectures on contemporary research topics by renowned experts in key areas.
- ix) To organize conferences, workshops, seminars, training program, Avishkar, Science day and other research oriented events.
- x) To identify the list of disciplinewise standard journals (WOS/PubMed/SCOPUS) for publication of papers by research scholars/ teachers

### **iii) Committee for Research Collaboration**

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| Director and Convener, Research and Development Cell   | Chairperson |
| Dr.Harshal Shah, Associate Professor, Dept. of CSE, PIT  | Member      |
| Dr.Mitesh Patel, Assistant Professor, PIAS and Member, Research and Development Cell                   | Member      |
| Dr.P.G.K.Murthy, Professor, Faculty of Management Studies  | Member      |
| Dr.Bhavesh Mewada, Director, Learning and Academic Enrichment Programme                                | Member      |
| Dr. Vishal Sorathiya, Assistant Professor, Dept.of CSE, PIET and Member, Research and Development Cell | Member      |
|  | Secretary   |

### **Functions of the Committee for Research Collaboration**

- i) To develop networking and collaborative research of university departments with national and or international institutes.
- ii) To build the research capacity of the faculty members and students of the university departments through various activities and the events related to research.
- iii) To set up Industry Advisory Board (IAB) for managing industrial collaboration and agreements and further leveraging on consultancy work.

- iv) To establish liaison with near and far industry and identify the technological challenges being faced by them. Strengthen industry institute interaction through MoUs for long term relationships with national and international research organizations for widening the scope of research options and funding opportunities for faculty and students.
- v) To take up appropriate problems of the industry for finding solutions through R&D projects assigned to faculty and students.
- vi) To initiate and promote MoU with industries and R&D organizations for consultancy, collaborative research, sponsored projects, industry and Institute interactions etc.
- vii) To depute senior faculty to various research organizations for getting collaborative projects and adopting best practices.
- viii) To arrange brainstorming sessions through talks by eminent personalities from industry, R& D organizations and institutions of repute for the better understanding of research methodology and practices currently followed.

**iv) Committee for Product Development, Monitoring and Commercialization**

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| Director and Convener, Research and Development Cell                      | Chairperson      |
| Dr.Jaymin Bhalani, Vice Principal, PIT                                    | Member           |
| Dr.Hemant Patadia, Principal, PIPHS                                       | Member           |
| Dr.Kartik Vishwanathan, Professor and Head,<br>Dept.of Orthopedics, PIMSR | Member           |
| Dr.Asha Patel, Associate Professor, PIP                                   | Member           |
| Dr.Gireesh Babu, Professor and Head, Dept. of<br>Biotechnology, PIAS      | Member           |
| Dr.Gordhan Jethwa, Associate Professor, Dept.of IT,<br>PIET               | Member Secretary |

**Functions of the Committee for Product Development, Monitoring and Commercialization**

- i) To support technology development and business centred facility of the university departments.
- ii) To facilitate/ forge strategic partnerships/ collaborations, industry-institute interface, sponsored or contract research, new knowledge generation, technology transfer, and commercialization of research to facilitate innovation, incubation, entrepreneurship and start-up ventures.

**v) Committee for IPR, and Legal & Ethical Issues**

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| Director and Convener, Research and Development Cell                   | Chairperson      |
| Dr.Unnati Joshi, Director (Research), PIET                             | Member           |
| Shri.Jay Sudani, CEO, EDC  | Member           |
| Dr.Ketan Desai, Associate Professor, PIL                               | Member           |
| Dr.J.T.Gohil, Dean, PIMSR  | Member           |
| Dr.Bhagwan Kulkarni, Principal, PIAR                                   | Member           |
| Shri.Maulesh Parikh, IPR Consultant (Research<br>and Development Cell) | Member Secretary |

### **Functions of the Committee for IPR, and Legal & Ethical Issues**

- i) To promote quality publications and patents of the researchers of the university departments through incentives and prizes.
- ii) To obtain information once in three months in the prescribed format on faculty involvement on guiding students, paper publications, research projects from external funding agencies and involving in collaborative research activity.
- iii) To identify, develop and design University level research proposals to submit to higher authorities such as Higher Education Council of Kerala, University Grants Commission etc.
- iv) To arrange Capacity Building Program on IPR for faculty members

### **FUNCTIONS OF RDC**

RDC shall perform the following functions:

- Formulate University policies like, R & D policy, IPR policy and Policy on Academic integrity, of the University.
- Identify thrust areas for research, and undertake research in those areas.
- Establish a Sophisticated Central Instrument Lab, and specialized research labs under RDC as per the identified areas of research.
- Procure research equipment for the laboratories, and Sophisticated Central Instrument Lab under the Cell.
- Recruit research personnel as per the needs of the Cell.
- Identify potential collaborators from industry, research organizations, and academic institutions for synergistic partnership.
- Promote faculty members, students, researchers and innovators to get involved in R & D activities by organizing sensitization programs and by incentivizing R & D activities.
- Liaison between researchers and funding agencies.
- Extend guidance in preparation & submission of project proposals.
- Co-ordinate among other cells dealing with university-industry interlinkage, and incubation & entrepreneurship development.
- Extend guidance to the researchers for the safeguarding of intellectual property created in the University including spreading awareness about various types of intellectual properties and the ways and means of protecting the intellectual property so created in the University.
- Maintain records and monitoring of the status of projects (ongoing/completed).
- Prepare a database of in-house experts/faculty members of their core competencies in order to provide industrial consultancy services.
- Engage & utilize the services of superannuated active faculty/scientists for research, and capacity building of talented young minds.
- Serve as nodal center for ideation and conceptualization of research topics by organizing workshops and training programs.
- Ensure the integrity and ethical practices in research starting from performing of research to publication of the output of research and IP protection to technology transfer.
- Offer intra-mural research funding of projects (screening, allotting and monitoring of the projects).

- Process applications for research incentives/seed money/reimbursements as per R & D policy of the University.
- Capacity building by organizing refresher courses/workshops/training programs/internships/group discussions/conferences/symposia etc.
- Ensure that all the labs fulfil the norms of GLP, ethical and safety measures as recognized by QIP, various ethical committees and NABL.
- Assist Director, MIP in promoting interdisciplinary and multi disciplinary research, establishing procedure and regulations for smooth conduct of inter disciplinary and multi disciplinary research projects/ consultancy projects etc...
- To establish the procedure for recruitment of eligible teachers under Research Cadre posts, develop regulations governing functioning of teachers recruited under Research Cadre and monitor their performance
- Any other R & D related work as assigned by RAC.

By Order

  
Registrar

**To,**

- 1) Deans of Faculties
- 2) Dean, Doctoral Studies & Research
- 3) Director (Learning and Academic Enrichment Program)
- 4) Dean, Students' Welfare
- 5) HOIs of Colleges
- 6) Controller of Examinations
- 7) Chief Technology Officer
- 8) Chief Librarian
- 9) Dean, Students' Welfare
- 10) Director, CDC / EDC / IRC / ISAC / AFMC / CR4D / R &D / Marketing / CEP / EDP / CEC / Alumni Association / Events Cell / Centre for Human Resources Development/ Security/ Sports and Physical Education/ Internship Cell/ Visiting Parents Cell/ICT Cell/ Tinkering Hub
- 11) Executive/ Academic Directors
- 12) Head, Central Administration / Accounts / Purchase/ Transport/ MIS / Students' Section

**Submitted to,**

- 1) The President
- 2) Dr.Parul Patel, Vice President (Student Affairs and General Administration) and Chairperson, Admission Committee
- 3) Dr. Geetika Madan Patel, Vice President (Quality, Research and Health Sciences)
- 4) Dr.Komal Patel, Vice President (Medical and Paramedical Sciences)
- 5) The Provost