CRITERION 3 - RESEARCH, INNOVATIONS AND EXTENSION

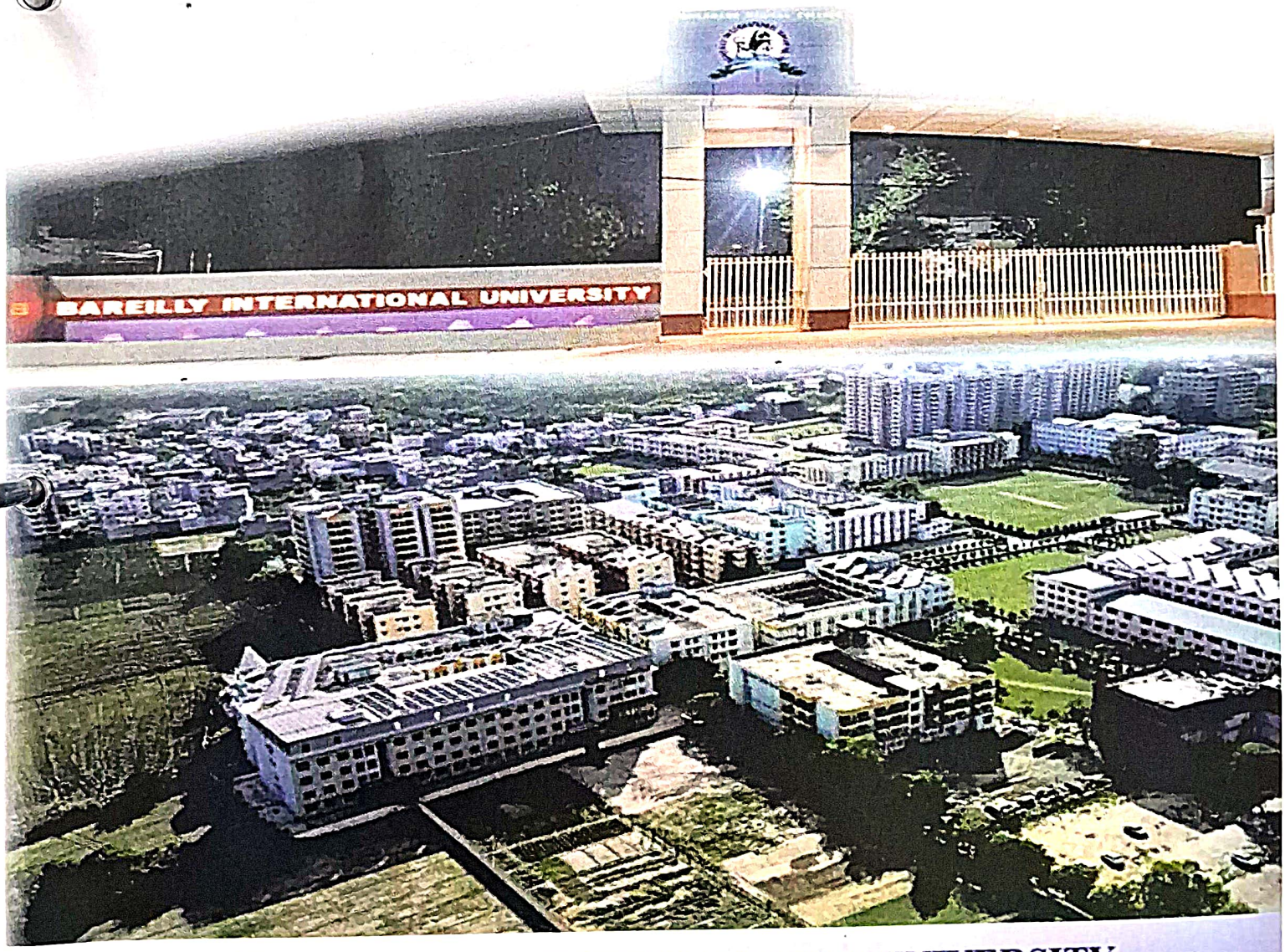




BAREILLY INTERNATIONAL UNIVERSITY
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CRITERION 3- RESEARCH, INNOVATIONS AND EXTENSION

3.1.1 The Institution has a well-defined Research promotion policy and the same is uploaded on the Institutional website



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BIU College of Management

Research Promotion Policy and Facilities

1. Research Promotion Policy

BIU College of Management, under the umbrella of Bareilly International Universally ,has adopted a comprehensive **Research Promotion Policy** that fosters an academic environment conducive to research, innovation, and scholarly excellence. The policy is aligned with institutional goals and the evolving needs of disciplines such as healthcare administration, public health, business administration, computer applications, and commerce.

Key features of the Research Promotion Policy include:

- **Faculty Research Support:**
  Encouragement for faculty to undertake research projects, present papers at national/international conferences, and publish in reputed journals.
- **Seed Funding & Incentives:**
  Provision for seed money for innovative research, publication incentives, and awards for high-impact research.
- **Student Research Engagement:**
  Integration of research methodology and minor project work into the curricula of MHA, MPH, BBA, BCA, and B.Com to inculcate research culture among students.
- **Interdisciplinary & Applied Research:**
  Promotion of research projects that bridge disciplines such as management, public health, IT, and commerce.
- **Policy Availability:**
  The detailed Research Promotion Policy is available on the institutional website:

2. Research Facilities

BIU College of Management offers the following facilities to support research among faculty and students:

A. Physical and Digital Infrastructure

- **Computer Labs**: Equipped with data analysis tools (SPSS, Python, R, Excel Analytics).
- **Wi-Fi Enabled Campus**: Seamless access to digital resources and e-journals.
- **Library Resources**: Access to national and international journals, books, and digital databases including JSTOR, ProQuest, and more.

B. Institutional Research Ecosystem

- **BIU Research and Development Cell:** Provides guidance for research funding, project proposals, and ethical clearances.
- **Innovation and Entrepreneurship Cell:** Supports student and faculty startups and links research to commercialization.
- **Faculty Development Programs (FDPs):** Regular FDPs and workshops to build research capacity and scholarly writing skills.

C. Collaborative Research Support

- **MoUs and Partnerships:** Collaborations with industry, NGOs, and healthcare institutions for research, internships, and fieldwork, particularly useful for MHA and MPH programs.
- **Internship and Project-Based Learning:** Mandatory research projects for BBA, BCA, and B.Com final-year students to apply theoretical concepts in real-world settings.

D. Knowledge Dissemination Platforms

- **Annual Research Conclave:** Institution-organized event to showcase research by students and faculty.
- **Institutional Research Journal:** Encourages scholarly publications from within the college community.

BIU COLLEGE OF MANAGEMENT
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BAREILLY
Towards Professional Excellence

BAREILLY INTERNATIONAL UNIVERSITY

POLICY ON RESEARCH PROMOTION

(As Approved in BoM Meeting held on 3rd January)

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4. RESEARCH PROMOTION

4.1. Research Support for Faculty

4.1.1. Internal Funding -Seed Grants

4.1.1.1. The Center for Research has mandated Research Funding Schemes Through Seed Grants to encourage faculty researchers to set up the basic infrastructure through development of research centers/institutes and to carry out research achieving the outcomes such as:

i. Research paper publications
ii. Patents
iii. Book / Book Chapter publications
iv. Collaborations with National and International Institutions of repute
v. Applying for grants from External Agencies.
vi. Survey based strategy for the skill enhancement of youth.

This seed grant scheme shall offer financial assistance to individual or to team of faculty in establishing basic research infrastructure/ IPR.

4.1.2. Processes for Seed Grant Scheme

4.1.2.1. The Director of Center for Research will put out a call for research proposals for grant of seed money

4.1.2.2. Individual/ Joint Proposals to be submitted through their respective Director of the Schools.

4.1.2.3. All the Research Proposals submitted by the faculty Call for grant for seed money will be put forward to Selection Committee constituted by Director- Center for Research comprising of experts in various disciplines in which these proposals have come. This committee will first review the proposal in written form and based on their recommendations there would be an opportunity given to the proposers to clarify the comments of the experts through presentation.

4.1.2.4. Based on above process the proposals will be shortlisted. These shortlisted proposals would be put forward to University Research Committee consisting of School Directors, Director Center for Research and Vice Chancellor.

4.1.2.5. Following the Approval, a sanction letter indicating the title of the project, name of the Principal Investigators (PI and Co-PIs), Duration of the Project, Sanctioned

4.1.2.6. PI should acknowledge the receipt of the Sanction letter mentioning the actual date of commencement of the Project and the budget outlay for this financial

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signed by FO.

4.1.2.16. Five Copies of the project report on completion should be submitted by the PI to the office of Center for Research in the standard format.

4.1.2.17. The Director School of Research reserves the right to terminate the project in the event of PI and his/her team not working on the proposed deliverables/ unsatisfactoryprogress/ lack of commitment in meeting the project schedule/ not implementingrecommendations of the Review Experts or under some unforeseen circumstances.

4.1.2.18. The seed grant money provision would be available to faculty members only once during their tenure at the University. Further under section 4.1.2.15 if the project of a faculty member is terminated, he/she will lose the opportunity to seek the grant again.

4.1.3. External Funding to be raised by Faculty Members

Faculty members are encouraged and supported to apply for Research Grants/Infrastructure to various funding agencies of both Government and Private Organizations. He/ She shall take utmost care in preparing a funding budget with clear understanding that the project will not burden the University. They should also include adequate overheads for utilizing shared services/resources of the University.

4.1.3.1. Processes for External Funding

Faculty members from the University can formulate the research project proposals in their areas of expertise. An Individual project Proposal shall have one Principal Investigator (PI) preferably with one Co-PI. However, in case of multi/inter disciplinary field of research, a maximum of three Co-PIs is permitted. Emphasis shall be on Inter/multi-disciplinary research to achieve Innovations through research.

i. All the Research Proposals should be forwarded through School Director to Director Center for Research well in time to meet the deadline of the funding agency. The office of R&D Division will examine these proposals and suggest modifications, if required,and conformance to the stipulated conditions of the funding bodies.

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xii. In the event of PI unable to continue execution of the sanctioned project due to unforeseen reasons (resignation, ill-health, long leave), the designated Co-PI shall be the PI and will be responsible for the successful completion of the project

xiii. PI and Co-PIs are encouraged to publish the outcomes of research of sanctioned projects in Refereed Journals/ Conferences after seeking the necessary permission from the funding agencies. In all the Publications, PI should acknowledge the funding agency as well as the University. Wherever, there is a possibility of Innovation in the outcomes, PI and Co-PI' s should not publish the results but are encouraged to apply for patent(s).

xiv. In case there is a possibility of Co-owned Intellectual Property rights in the Sanctioned project, it is the responsibility of the PI to protect it by applying for Joint Patent in consultation with the concerned authorities of the funding agency. The University shall also have joint right as a Patent Owner with PI and Co-PIs as Investigators.

xv. PI is responsible for maintaining the data/records of observations/Trials/ Experiments/Simulation results, Action Plan records, Audited Financial Statements, Problems faced, Progress reports and Closure Reports with due professional ethics.

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iii. Invitation Letter

iv. Estimated Expenditure

A sanction letter from the office of the Dean Research shall be issued to the successful applicant.

After the event, the following documents need to be furnished by the faculty participant to the office of the Dean Research routed through School Dean. A copy ofthe following documents needs to be submitted to the Finance Dept. for final settlement of accounts:

i. Travel Documents

ii. Proof of participation

iii. Proof of Expenditure

iv. Brief Report on the event Attended and Benefits to Department/School/University

However, faculty are encouraged to seek financial assistance for Travel andRegistration from Funding Agencies like DST, MSME, AICTE, CSIR for International conferences outside India specially under policies which promote young faculty researchers.

5.2.8 National Events: The Faculty Members may attend Inter-State, National-level Events of repute for which thefollowing support will be rendered:

a. Registration Fee (reimbursement up to a maximum of Rs.2000/- per event)

b. Travel Allowance (as per Policy)

c. International Events: The Faculty Members are encouraged to seek Financial Assistance, in as much as possible,from Funding Agencies like DST, AICTE, CSIR for International Conferences outside India, especially under Policies which promote young Faculty Researchers. BAREILLY INTERNATIONAL UNIVERSITYwill, however, provide support in the following manner:

I. Travel Allowance (as per policy- shortest route To and Fro Economy Airfare)

II. Partial Registration fee

Note: All other Expenses shall be borne by the Faculty Member.

Incentives for Conference Proceedings

1. Rs. 3000/- Per Paper published through Conference Proceedings with **ISBN No.**

2. Rs. 10,000/- for **Best Paper Award in Conferences** Conducted/Organized in other Institutions

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on the judgment of the PI, he/she will be given a token stipend. These research experiences will run concurrently with the academic semester. However, onus is on the students to work on these assignments outside of classtimetable.

ii. Summer Research Experience: In this case, interested students may spend an entire summer with the research centers or within the university or outside theuniversity and undergo such research activities.

iii. Selected students who have potential to go for higher education may also opt for research internship in which case an internship amount of Rs.5000/- for their internship period of Eight Weeks.

6.1.5. A report highlighting the research experience during the course of any of above three research activities should be submitted to the office Dean Research, duly forwarded by the Research mentor.

6.2. Research Incentives for Ph.D. Scholars.

Research scholars are encouraged to keep abreast with latest know how of research knowledge and dissemination of their research outcomes by attending workshops/seminars/symposium /conferences at National and International levels.

6.2.1. Full Time Research Scholars are entitled for contingency grant of Rs.10,000=00 per annum as per the University Research Fellowship based on recommendation by the Research Supervisor and School Dean, approved by Dean Research.

6.2.2. Research Scholars should submit the following documents for seeking approval prior to attending the Event.

i. Acceptance Letter and Event Brochure

ii. Copy of Abstract with Full Paper (Accepted Version)

iii. Invitation Letter

iv. Estimated Expenditure

v. A sanction letter from the Dean, Research shall be issued to the successful applicant.

6.2.3. After the event, the following documents need to be furnished by the research scholar to the office of Dean, Research routed through School Dean. For final settlement of accounts, the following documents to be submitted to the Finance Officer of PU:

i. Travel Documents

ii. Proof of participation

iii. Proof of Expenditure

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Vice Chancellor.

7.15 The Fee, once approved can, on the advice of the Vice Chancellor, be either paid as Institutional Membership or reimbursement can be claimed, by the Employee, post payment from his/her personal account, as evidenced by a valid Receipt from therelevant Professional Body.

7.16 To be eligible for reimbursement, Employee must demonstrate some form of correlation between the use of the Professional-body Membership and the Performance of the Duties or for Higher Learning or Career-enhancement purpose like completing a professional qualification, publishing papers, inclination to act as a Mentor to Junior Faculty who are working towards full membership of the applicable Institution or such membership is essential to carrying out the duties of the position.

8.0 AMENDMENTS

This policy will be reviewed periodically to rectify anomalies, if any, and to incorporatefeedback received from the stakeholders, impact analysis and deliberations of the focus group constituted by the Vice Chancellor.

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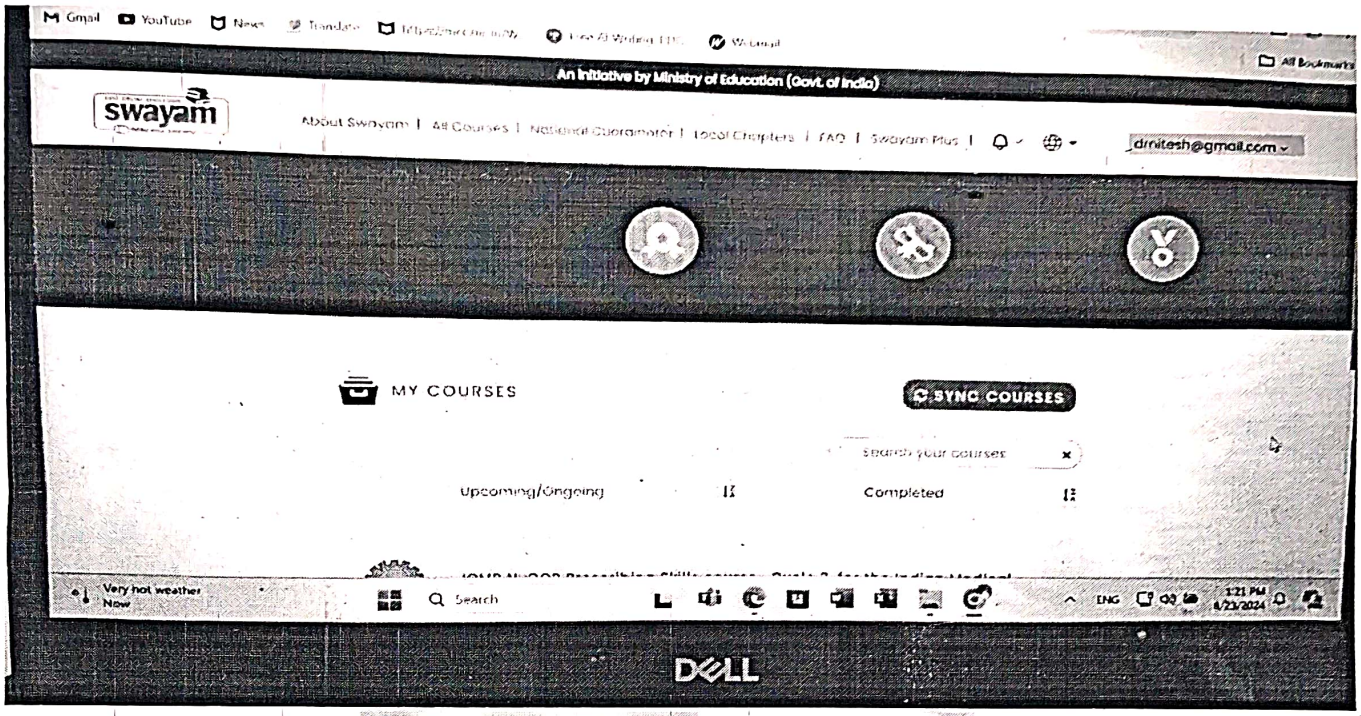
4.0 Incentives for Book Chapters			
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1	National International	5,000/- 10.000/-	In case of Co- Authors, 50% of the Single Author incentive is for the first author and remaining 50% will be shared equally among the other Co-Authors
5.0 Incentives for publication of the Patent			
Rs. 10,000/- (In case of Co- Authors, 50% is for the first author and remaining 50% will be shared equally among the other Co-Authors)			
6.0 Incentives for Award of the Patent			
Rs. 50,000/- (In case of Co- Inventors, 50% is for the first Inventor and remaining 50% will be shared equally among the other Co-Inventors)			
7.0 Incentives for Conference Proceedings 1. Rs. 3000/- Per Paper published through Conference Proceedings with ISBN No. 2. Rs. 10,000/- for Best Paper Award in Conferences Conducted/Organized in other Institutions			

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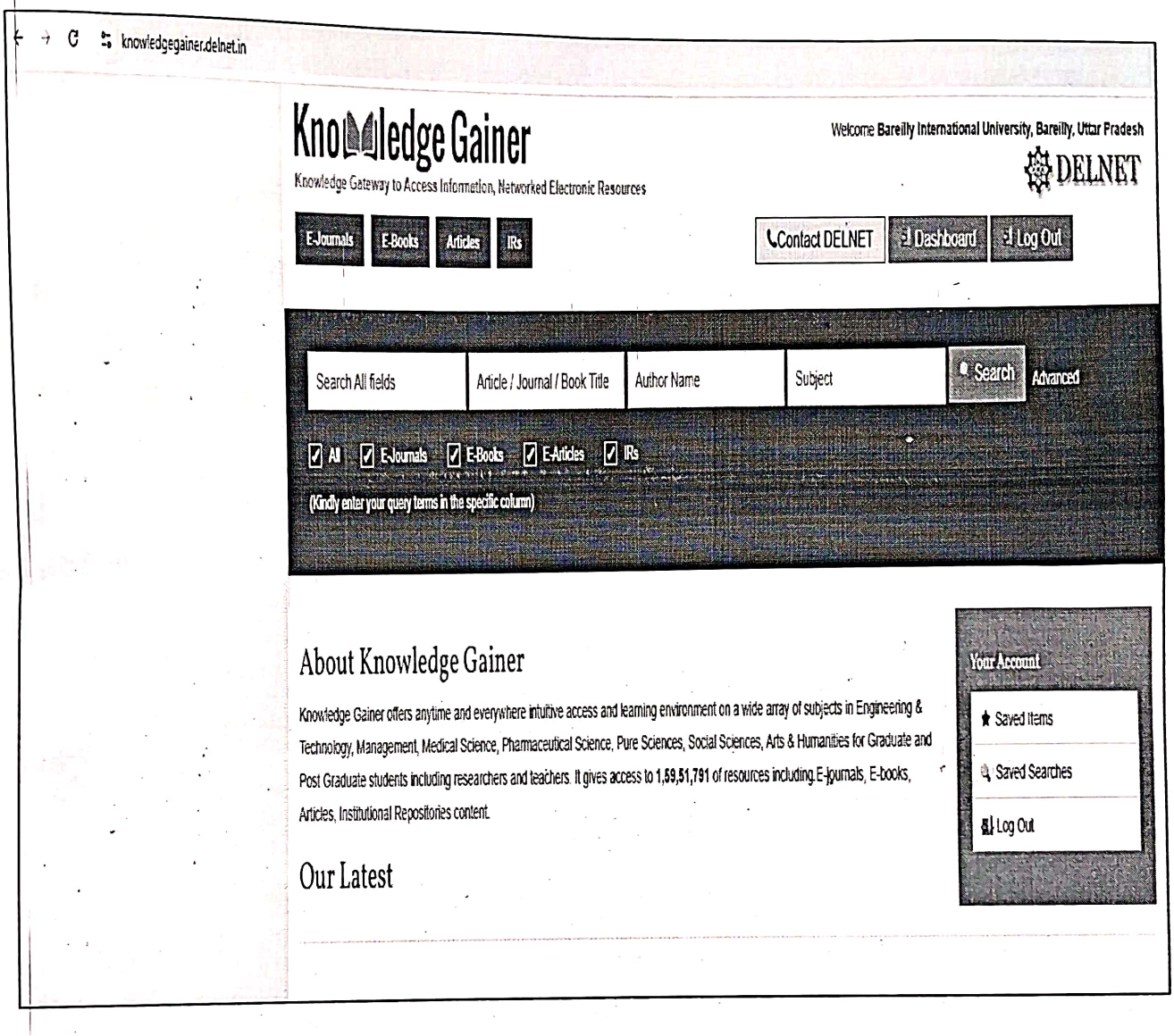
Swayam Certificate

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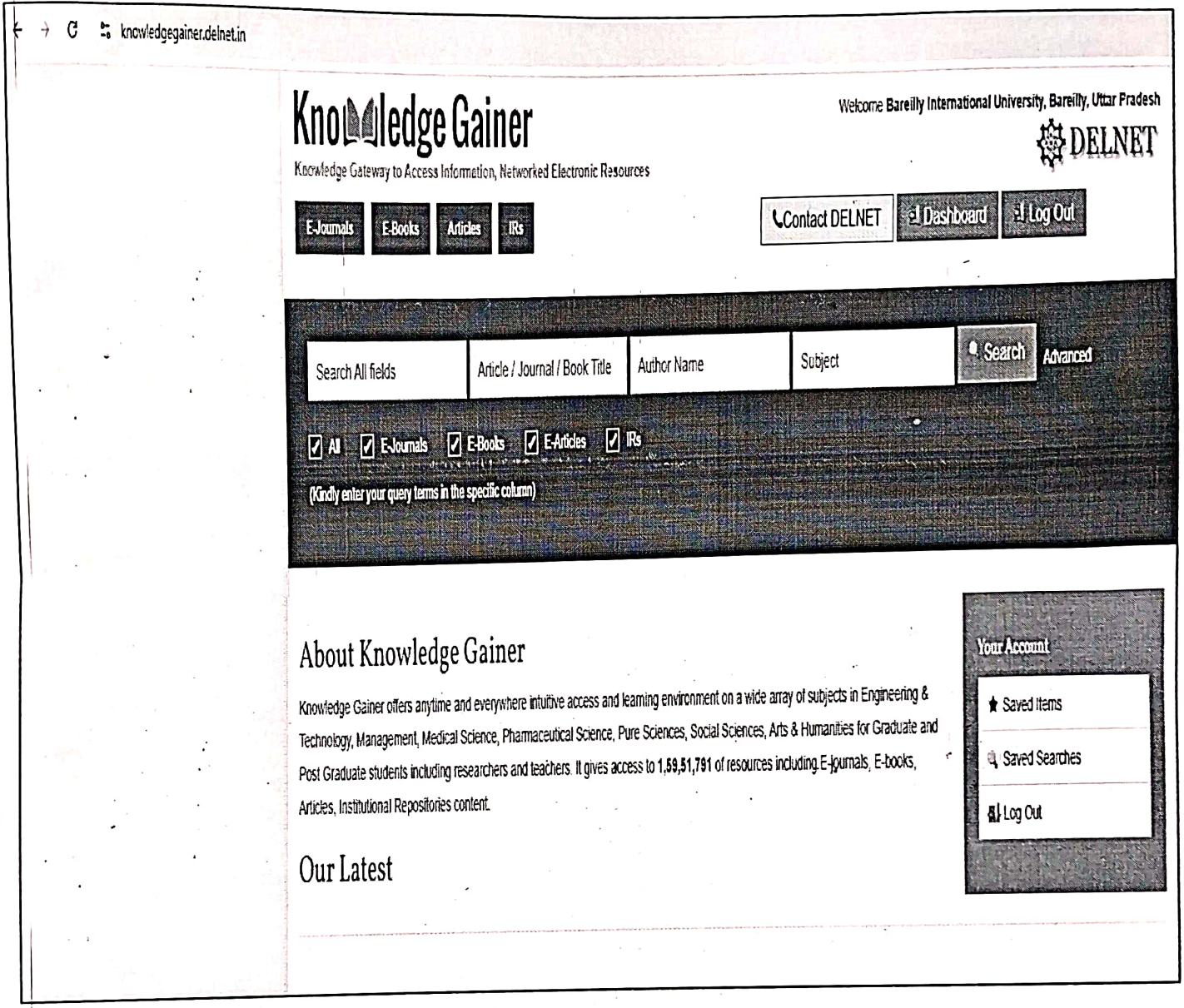
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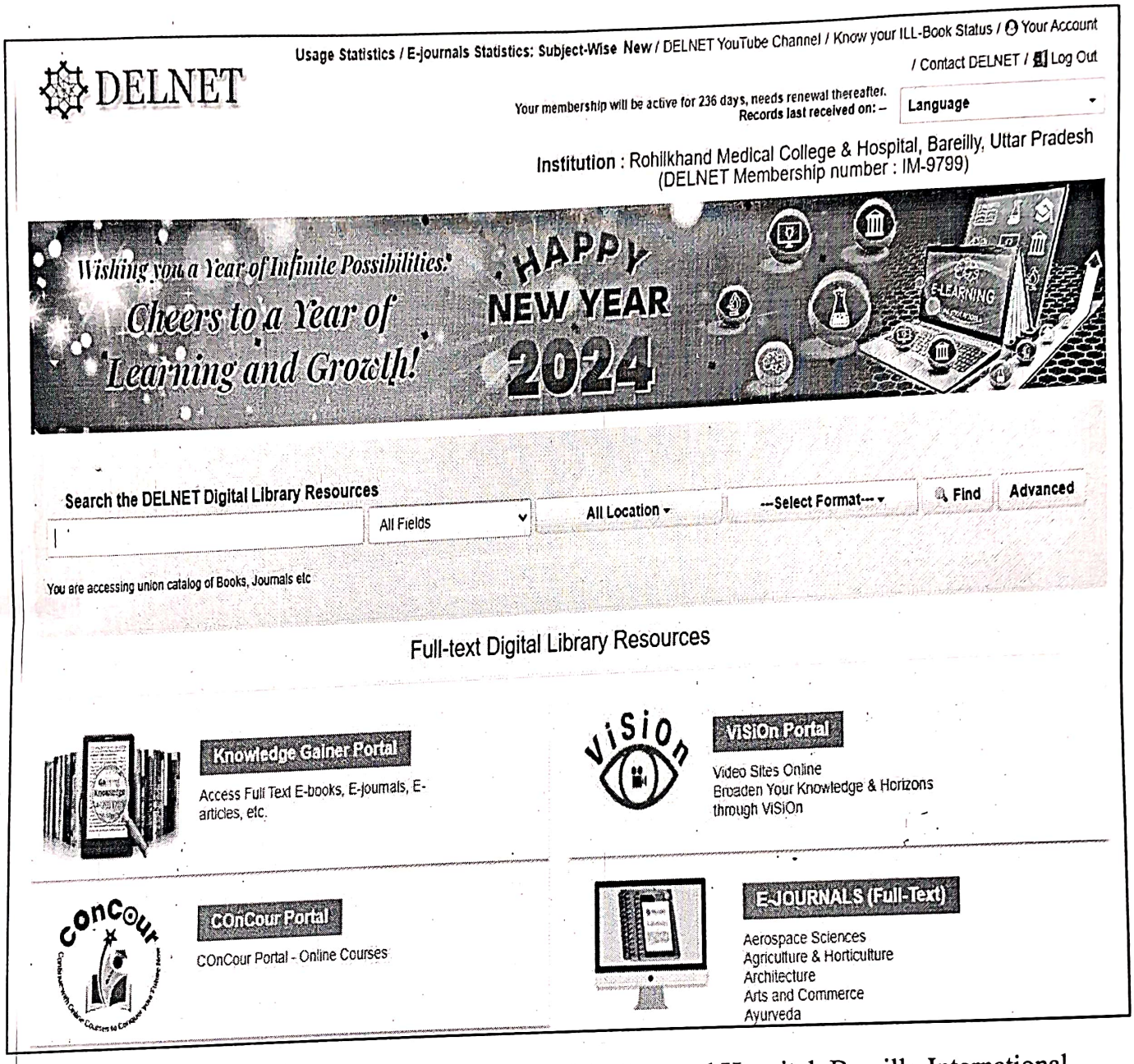
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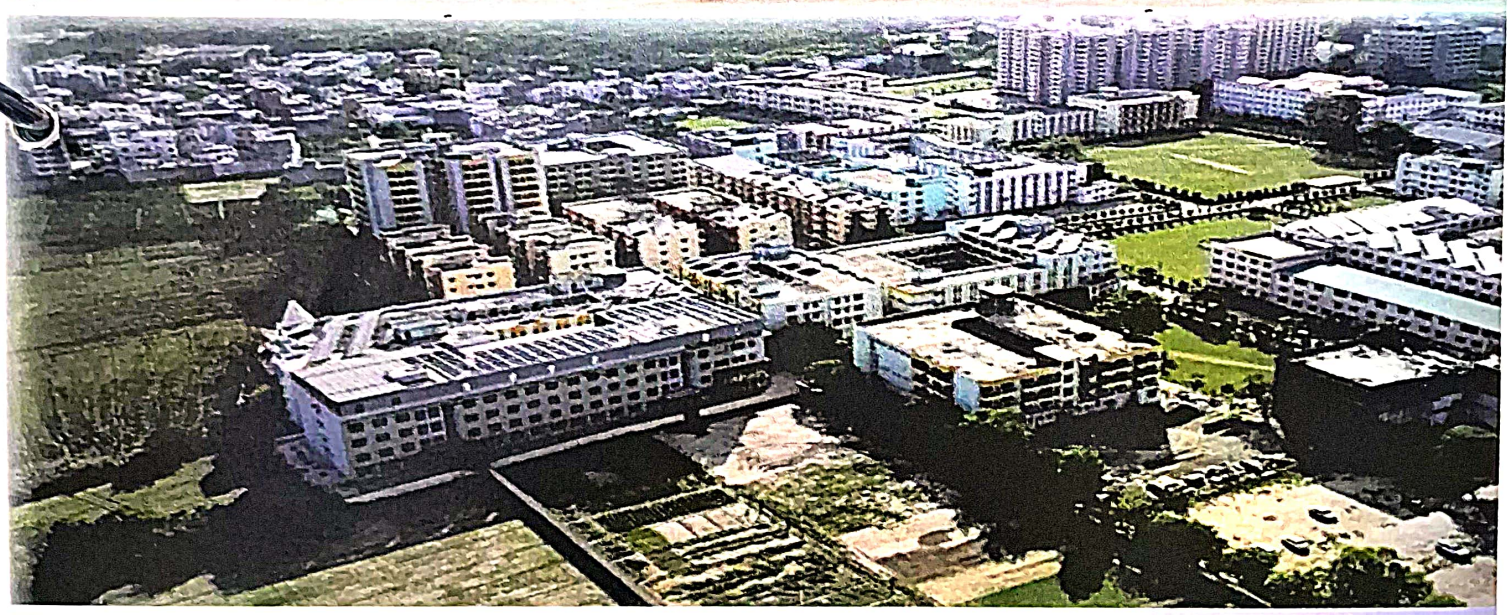
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3.3.2 Workshops/seminars conducted on Intellectual Property Rights (IPR) Research methodology, Good clinical Practice, Laboratory, Pharmacy and Collection practices, Research Grant writing and IndustryAcademia Collaborations during the last five years





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Bareilly International University

BIU COLLEGE OF MANAGEMENT

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Workshops and Seminars Conducted

The institution has consistently organized a range of **workshops, seminars, and training sessions** over the last five years to enhance academic engagement, skill development, and research orientation among students and faculty. These initiatives have focused on key thematic areas relevant to the academic and professional development of learners across health sciences, commerce, management, and computer applications.

1. Intellectual Property Rights (IPR)

Workshops and awareness programs on Intellectual Property Rights have been conducted to instill knowledge on patents, copyrights, trademarks, and the legal framework governing intellectual creations. These sessions aim to promote innovation and protect creative ideas among students and faculty members.

2. Research Methodology

Training programs on research methodology were conducted to guide students on research design, data collection, analysis techniques, and report writing. These sessions enabled students across disciplines to undertake quality research projects, dissertations, and industry-based studies.

3. Good Clinical Practice (GCP)

Seminars on Good Clinical Practice were organized to familiarize students, especially from health-related programs, with ethical standards, regulatory guidelines, and documentation practices related to clinical trials and healthcare research.

4. Laboratory, Pharmacy, and Sample Collection Practices

Practical workshops on laboratory and pharmacy operations were held to train students in laboratory safety protocols, drug dispensing systems, sample collection methods, and related healthcare logistics. These activities supported experiential learning and prepared students for roles in healthcare and diagnostics sectors.

5. Research Grant Writing

Interactive sessions and capacity-building workshops were conducted to train faculty and students in writing effective research proposals and identifying funding opportunities. These efforts aimed at fostering a strong research culture and promoting external research funding.

6. Industry-Academia Collaborations

Seminars and panel discussions were organized in collaboration with industry experts to bridge the gap between academic knowledge and industry requirements. These events provided insights into current trends, skills expectations, and collaborative research and internship opportunities.

Impact

- Promoted research aptitude and innovation among students.
- Improved awareness of regulatory and ethical practices in healthcare and business.
- Enhanced employability through skill-based training.
- Strengthened institutional linkages with industry and research bodies.
- Encouraged interdisciplinary learning and collaboration.

INTELLECTUAL PROPERTY RIGHTS (IPR) AND CONSULTANCY POLICY

Purpose

This policy establishes a framework for managing Intellectual Property Rights (IPR) and consultancy activities at Bareilly International University, Bareilly. It defines guidelines for revenue sharing, capacity building, and the development of a sustainable environment for research, innovation, and consultancy.

Objectives

1. To promote and safeguard intellectual property created within the university.
2. To encourage faculty, staff, and students to engage in consultancy projects and contribute to knowledge transfer.
3. To ensure equitable revenue sharing between the institution and individuals.
4. To build capacity through training programs for effective participation in IPR and consultancy activities.
5. To strengthen industry-academia collaboration for mutual benefit.

Scope

This policy applies to:

- Faculty members (full-time, part-time, and visiting).
- Non-teaching staff involved in consultancy or IPR-related projects.
- Students (undergraduate, postgraduate, and research scholars).
- External collaborators engaged in joint projects with the university.

Policy Guidelines

1. Intellectual Property Rights (IPR)

1. **Ownership of IP:**
   - Intellectual property created using university resources or during official assignments will be co-owned by the university and the creators.
   - For externally funded projects, ownership will follow the agreement terms with funding agencies.
2. **Revenue Sharing for IP Commercialization:**
   - The revenue generated from the commercialization of IP (e.g., patents, copyrights, trademarks) will be shared between the university and the creator(s).
   - A typical revenue-sharing model:
     - 60% to the creator(s).
     - 40% to the university for infrastructure and administrative support.
   - For collaborations with external parties, revenue sharing will adhere to mutually agreed terms.

3. **Support for IP Filing:**
    - The university will provide financial and administrative support for filing patents, copyrights, and trademarks.
    - Incentives will be given for granted patents and other IP assets.

2. **Consultancy Activities**
    1. **Encouragement of Consultancy Projects:**
        - Faculty and staff are encouraged to undertake consultancy projects with industry, government organizations, and other external entities.
        - Projects must align with the university's mission and ethical standards.
    2. **Revenue Sharing for Consultancy Services:**
        - Revenue from consultancy projects will be shared as follows:
            - 70% to the individual(s) involved.
            - 30% to the university for administrative and infrastructure costs.
        - Adjustments may be made based on the complexity and scale of the project.
    3. **Approval Process:**
        - All consultancy projects must be approved by the university's designated committee or authority.
        - Agreements must specify project scope, deliverables, timelines, and financial arrangements.

3. **Capacity Building Programmes**
    1. **Training for Teachers, Students, and Staff:**
        - Regular workshops and seminars on IPR, consultancy, and commercialization practices.
        - Specialized training on legal aspects of IPR, technology transfer, and drafting consultancy agreements.
    2. **Collaboration with Experts:**
        - Partnerships with IPR attorneys, industry leaders, and funding agencies for knowledge sharing.
        - Access to mentorship and networking opportunities for capacity building.
    3. **Awareness Drives:**
        - Organizing awareness campaigns on the importance of IPR and consultancy.
        - Disseminating success stories of consultancy projects and IP commercialization to motivate stakeholders.

Governance and Administration

1. **IPR and Consultancy Cell:**

- A dedicated cell will oversee all IPR and consultancy-related activities, including policy implementation, agreement approvals, and revenue sharing.
- The cell will act as a liaison between the university, creators, and external stakeholders.

2. **Monitoring and Review:**
   - Periodic reviews of the policy will be conducted to incorporate updates and address challenges.
   - Annual reporting on consultancy projects, IP filings, and revenue generated.

Implementation Framework

1. **Infrastructure Support:**
   - Setting up an IPR filing assistance desk and consultancy facilitation office.
   - Providing access to tools, software, and resources required for consultancy and IP creation.
2. **Financial Assistance:**
   - Allocating funds for IP filing and promotion.
   - Offering seed grants for exploratory consultancy projects.
3. **Documentation and Record Keeping:**
   - Maintaining detailed records of IP assets and consultancy projects for transparency.
   - Ensuring confidentiality and compliance with legal agreements.

Revenue Utilization

- The university's share of revenue will be reinvested in research infrastructure, training programs, and promoting consultancy activities.

Accessibility and Transparency

- The policy will be available on the university's website under the "Research and Consultancy" section.
- Periodic updates and achievements will be shared with stakeholders via official channels.

Conclusion

This policy reflects the university's commitment to fostering a culture of innovation and professional engagement. By promoting IPR and consultancy, the university aims to contribute to societal and economic development while empowering its stakeholders.

PROMOTING INNOVATION AND ENTREPRENEURSHIP POLICY

This policy outlines the framework for fostering a culture of innovation and entrepreneurship at Bareilly International University, Bareilly. It is aimed at creating an ecosystem conducive to ideation, innovation, startup creation, and entrepreneurial ventures.

1. Purpose

To build a robust environment that encourages innovation, supports entrepreneurship, and bridges the gap between academia and industry by leveraging an Incubation Center and Entrepreneurship Cell.

2. Objectives

- To promote creativity and innovative thinking among students, faculty, and staff.
- To establish and operate an Incubation Center that supports startups and entrepreneurial ventures.
- To foster industry collaborations and partnerships for technology transfer and commercialization.
- To equip participants with skills, mentorship, and resources required for entrepreneurial success.
- To contribute to regional and national economic growth through entrepreneurial activities.

3. Key Components

3.1 Incubation Center

The Incubation Center serves as the hub for fostering entrepreneurial ventures. Its key features include:

- **Space and Infrastructure:** Dedicated office space, co-working areas, and access to high-tech labs and prototyping equipment.
- **Startup Support Services:** Legal, financial, and business advisory services for startups.
- **Mentorship Programs:** Access to a network of experienced mentors, entrepreneurs, and industry experts.
- **Funding Opportunities:** Assistance in securing seed funding, venture capital, and government grants.
- **Networking Platforms:** Opportunities for startups to connect with investors, industry leaders, and other entrepreneurs.

3.2 Entrepreneurship Cell (E-Cell)

The Entrepreneurship Cell focuses on promoting entrepreneurial spirit through the following activities:

- **Workshops and Seminars:** Regular sessions on innovation, design thinking, and business development.
- **Idea Competitions:** Events like hackathons, pitch contests, and business plan competitions.
- **Entrepreneurial Training:** Certificate courses and training programs on entrepreneurship and innovation.

- **Startup Bootcamps:** Hands-on training for startups to refine business ideas and build prototypes.
- **Student Clubs:** Formation of student-led entrepreneurial clubs to foster peer learning and collaboration.

3.3 Innovation Ecosystem

- **Interdisciplinary Collaboration:** Encouraging students and faculty from various departments to collaborate on innovative projects.
- **Research Commercialization:** Support for transforming research outcomes into marketable products and services.
- **Technology Transfer:** Facilitation of technology licensing and patent commercialization.
- **Industry-Academia Partnerships:** Joint ventures, sponsored research, and consultancy projects with industry partners.

4. Policy Guidelines

1. **Eligibility:** All faculty, students, staff, and alumni of the university are eligible to participate in the innovation and entrepreneurship ecosystem.
2. **Startup Registration:** Startups incubated must align with the university's mission and adhere to ethical and legal guidelines.
3. **Funding Support:**
    - Seed funding may be offered to selected startups based on merit and potential.
    - The university will assist in identifying external funding opportunities.
4. **Intellectual Property Rights (IPR):** Startups developed within the university must comply with the institutional IPR policy. Ownership and revenue-sharing terms will be clearly defined.
5. **Governance:** The Incubation Center and E-Cell will be overseen by a **University Innovation Council (UIC)** comprising faculty, industry experts, and student representatives.

5. Implementation Framework

- **Awareness Drives:** Periodic awareness campaigns to engage students and faculty in innovation and entrepreneurship.
- **Resource Allocation:** Adequate funding and resources will be allocated annually to sustain and grow the ecosystem.
- **Monitoring and Evaluation:** Key performance indicators (KPIs) will be established to track the progress and impact of the ecosystem.
- **Collaboration:** Partnerships with national and international innovation hubs, industry associations, and government bodies.

6. Accessibility and Transparency

- The policy is available on the university's website under the "Innovation and Entrepreneurship" section.
- All relevant updates, including events, funding opportunities, and achievements, will be regularly shared on the website and official communication channels.

Conclusion

This policy reflects the university's commitment to nurturing innovation and entrepreneurial endeavors, thereby contributing to societal and economic development.

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Research Methodology with Course on Research Ethics

SUSHIL KUMAR

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Course Work - Ph. D.

Syllabus
Paper-I (100 Marks)
Research Methodology
Paper Code- 91001

UNIT-I

1. Introduction and Research Design

Nature and objectives of research. Methods of research: Historical, Descriptive and experimental, research Process, research approaches, criteria for good research. Meaning of research design, need of research design, features of good design, different research design and basic principles of experimental design, design of experiment

2. Data Collection and Analysis

Types of data, Methods and techniques of data collection, Primary and secondary data, Meta analysis. Historical method, content analysis, device use in data collection. Pilot study and pretest of tools. Choice of data collection method. Sampling and sampling Errors-Type-I Error-Type-II Error.

3. Processing and analysis of data

Measures of Central Tendency. Measures of Dispersion. Measure of Variation. Measure of Central Tendency vs measures of Dispersion, Normal Distribution, Skewness and Interpretation, Correlation and Regression: Types of Application. Chi - Square Test: Its purpose and use.

4. Paper Writing and Report Generation

Basic Concept of papers/Thesis Writing and report generation, writing research abstract, Introduction, Review of literature, Result, conclusion, concept of Bibliography, and References, Significance of report writing. Steps of report writing, types of research reports. methods of presentation of report. Format of publication in research general.

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Course Work - Ph. D.

Syllabus

Research & Publication Ethics (100 Marks)

Description:

This course has total 6 units focusing on basics of philosophy of science and ethics, research integrity, publication ethics. Hands-on-sessions are designed to identify research misconduct and predatory publications. Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.) and plagiarism tools will be introduced in this course.

Course Contents

- **Pedagogy:** Class room teaching, guest lectures, group discussions, and practical sessions.
- **Evaluation:** Continuous assessment will be done through tutorials, assignments, quizzes, and group discussions. Weightage will be given for active participation. Final written examination will be conducted at the end of the course.
- **Course structure:** The course comprises of six modules listed in table below. Each module has 4-5 units.

Modules	Unit Title	Teaching Hours
Theory		
RPE 01	Philosophy and Ethics	4
RPE 02	Scientific Conduct	4
RPE 03	Publication Ethics	7
Practice		
RPE 04	Open Access Publication	4
RPE 05	Publication Misconduct	4
RPE 06	Database and Research Metrics	7
	Total	**30**

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Syllabus in Detail

THEORY

- **RPE 01: PIDLOSOPHY AND ETHICS (3 hrs.)**
  1. Introduction to philosophy: definition, nature and scope, concept, branches
  2. Ethics: definition, moral philosophy, nature of moral judgements and reactions

- **RPE 02: SCIENTIFIC CONDUCT (5 hrs.)**
  1. Ethics with respect to science and research
  2. Intellectual honesty and research integrity
  3. Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
  4. Redundant publications: duplicate and overlapping publications, salami slicing
  5. Selective reporting and misrepresentation of data

- **RPE 03: PUBLICATION ETHICS (7 hrs.)**
  1. Publication ethics: definition, introduction and importance
  2. Best practices *I* standards setting initiatives and guidelines: COPE, WAME, etc.
  3. Conflicts of interest
  4. Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
  5. Violation of publication ethics, authorship and contributor ship
  6. Identification of publication misconduct, complaints and appeals
  7. Predatory publishers and journals

PRACTICE

- **RPE 04: OPEN ACCESS PUBLISHING (4 hrs.)**
  1. Open access publications and initiatives
  2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies
  3. Software tool to identify predatory publications developed by SPPU
  4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

- **RPE 05: PUBLICATION MISCONDUCT (4hrs.)**

  A. Group Discussions (2 hrs.)
  1. Subject specific ethical issues, FFP, authorship
  2. Conflicts of interest
  3. Complaints and appeals: examples and fraud from India and abroad

  B. Software tools (2 hrs.)
  Use of plagiarism software like Turnitin, Urkund and other open source software tools

- **RPE 05: PUBLICATION MISCONDUCT (4hrs.)**

  A. Databases (4 hrs.)
  1. Indexing databases
  2. Citation databases: Web of Science, Scopus, etc.

  B. Research Metrics (3 hrs.)
  1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
  2. Metrics: h-index, g index, i10 index, altmetrics

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Details of Plagiarism Check Software

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Plagiarism Checker X - Report

Originality Assessment

8%

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Overall Similarity

Date: Jun 29, 2024
Matches: 1397 / 17105 words
Sources: 33

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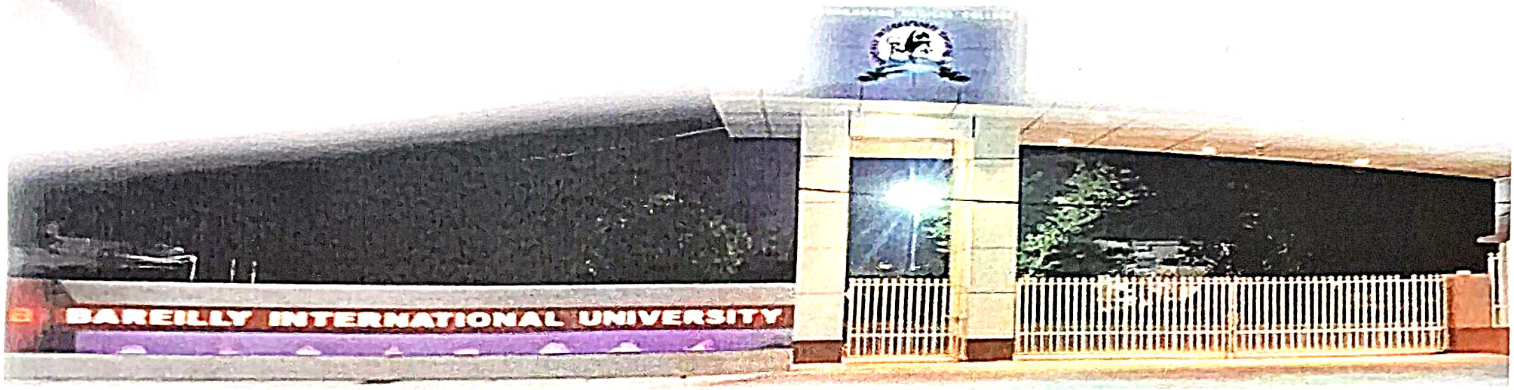
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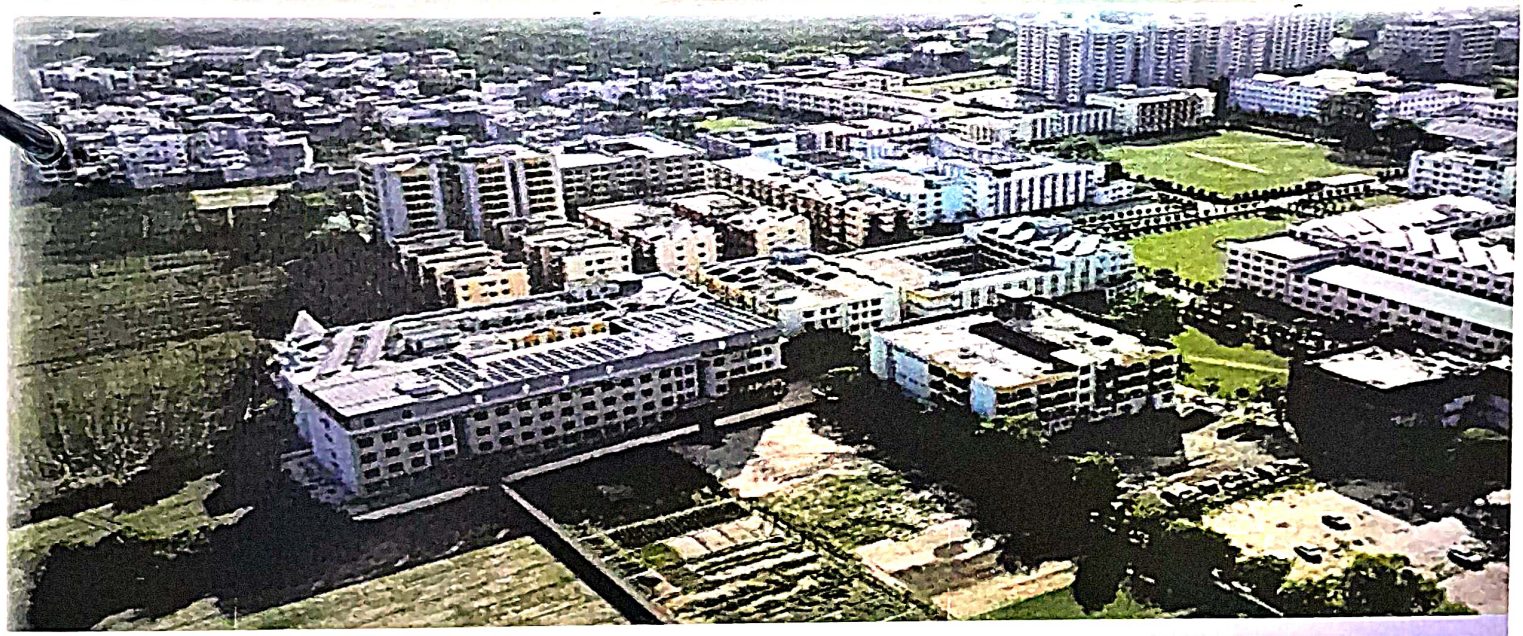
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CRITERION 3- RESEARCH, INNOVATIONS AND EXTENSION

3.5.1 Institution has a policy on IPR and consultancy including revenue sharing between the Institution and the individual, besides a training cum capacity building programme for teachers, students and staff for undertaking consultancy





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Bareilly International University

BIU COLLEGE OF MANAGEMENT

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Institutional Policy on IPR and Consultancy

The institution has established a well-defined **Intellectual Property Rights (IPR) and Consultancy Policy** that fosters a culture of innovation, research translation, and industry engagement. This policy is aimed at facilitating faculty and student participation in consultancy and entrepreneurial activities, while ensuring transparency and accountability in revenue generation and sharing mechanisms.

Key Features of the IPR and Consultancy Policy

1. **Intellectual Property Rights (IPR) Framework**
   - Encourages protection of innovations, research outcomes, and creative works through patenting, copyrights, and trademarks.
   - The institution supports filing and legal processing of IPRs developed by faculty and students, both individually and collaboratively.
   - Ownership of IP is shared between the creator(s) and the institution based on clearly defined terms outlined in the policy.
2. **Consultancy Policy with Revenue Sharing**
   - Faculty and staff are encouraged to engage in consultancy with industries, NGOs, and government bodies, leveraging their academic and technical expertise.
   - A **structured revenue-sharing model** is in place:
     - Typically, **60%–70% of the consultancy earnings** are allocated to the consultant(s), and **30%–40% to the institution**, which is reinvested in research infrastructure and academic development.
   - The institution facilitates end-to-end support in project proposals, legal agreements, and execution of consultancy services.
3. **Training and Capacity Building for Consultancy**
   - Regular **workshops, seminars, and hands-on training sessions** are organized to build capacity among faculty, staff, and students in areas such as:
     - Proposal writing for consultancy and projects
     - Intellectual Property documentation and compliance
     - Ethical and legal considerations in consulting
   - Dedicated sessions are also conducted on **professional communication, negotiation, and client management skills.**
4. **Promotion of Innovation and Entrepreneurship**
   - The institution has established an **Innovation & Entrepreneurship Development Cell (IEDC)** to nurture student startups and innovative projects.
   - Support is provided for ideation, prototyping, business plan development, and incubation.
   - Collaborations with industry, business incubators, and government startup initiatives are leveraged to provide mentorship and seed funding.
   - Faculty mentors guide interdisciplinary teams to translate academic ideas into market-ready solutions.

Impact and Outcomes

- **Increased IPR filings and awareness** among students and faculty.
- Enhanced **industry engagement** and generation of consultancy revenue.
- Establishment of **student-led startups and entrepreneurial ventures.**
- Improved faculty involvement in **real-world problem-solving and applied research.**
- Development of a robust **research-to-commercialization ecosystem** within the institution.

INTELLECTUAL PROPERTY RIGHTS (IPR) AND CONSULTANCY POLICY

Purpose

This policy establishes a framework for managing Intellectual Property Rights (IPR) and consultancy activities at Bareilly International University, Bareilly. It defines guidelines for revenue sharing, capacity building, and the development of a sustainable environment for research, innovation, and consultancy.

Objectives

1. To promote and safeguard intellectual property created within the university.
2. To encourage faculty, staff, and students to engage in consultancy projects and contribute to knowledge transfer.
3. To ensure equitable revenue sharing between the institution and individuals.
4. To build capacity through training programs for effective participation in IPR and consultancy activities.
5. To strengthen industry-academia collaboration for mutual benefit.

Scope

This policy applies to:

- Faculty members (full-time, part-time, and visiting).
- Non-teaching staff involved in consultancy or IPR-related projects.
- Students (undergraduate, postgraduate, and research scholars).
- External collaborators engaged in joint projects with the university.

Policy Guidelines

1. Intellectual Property Rights (IPR)

1. **Ownership of IP:**
   - Intellectual property created using university resources or during official assignments will be co-owned by the university and the creators.
   - For externally funded projects, ownership will follow the agreement terms with funding agencies.
2. **Revenue Sharing for IP Commercialization:**
   - The revenue generated from the commercialization of IP (e.g., patents, copyrights, trademarks) will be shared between the university and the creator(s).
   - A typical revenue-sharing model:
     - 60% to the creator(s).
     - 40% to the university for infrastructure and administrative support.
   - For collaborations with external parties, revenue sharing will adhere to mutually agreed terms.

3. **Support for IP Filing:**
    - The university will provide financial and administrative support for filing patents, copyrights, and trademarks.
    - Incentives will be given for granted patents and other IP assets.

2. **Consultancy Activities**
    1. **Encouragement of Consultancy Projects:**
        - Faculty and staff are encouraged to undertake consultancy projects with industry, government organizations, and other external entities.
        - Projects must align with the university's mission and ethical standards.
    2. **Revenue Sharing for Consultancy Services:**
        - Revenue from consultancy projects will be shared as follows:
            - 70% to the individual(s) involved.
            - 30% to the university for administrative and infrastructure costs.
        - Adjustments may be made based on the complexity and scale of the project.
    3. **Approval Process:**
        - All consultancy projects must be approved by the university's designated committee or authority.
        - Agreements must specify project scope, deliverables, timelines, and financial arrangements.

3. **Capacity Building Programmes**
    1. **Training for Teachers, Students, and Staff:**
        - Regular workshops and seminars on IPR, consultancy, and commercialization practices.
        - Specialized training on legal aspects of IPR, technology transfer, and drafting consultancy agreements.
    2. **Collaboration with Experts:**
        - Partnerships with IPR attorneys, industry leaders, and funding agencies for knowledge sharing.
        - Access to mentorship and networking opportunities for capacity building.
    3. **Awareness Drives:**
        - Organizing awareness campaigns on the importance of IPR and consultancy.
        - Disseminating success stories of consultancy projects and IP commercialization to motivate stakeholders.

Governance and Administration

1. **IPR and Consultancy Cell:**

- A dedicated cell will oversee all IPR and consultancy-related activities, including policy implementation, agreement approvals, and revenue sharing.
- The cell will act as a liaison between the university, creators, and external stakeholders.

2. **Monitoring and Review:**
   - Periodic reviews of the policy will be conducted to incorporate updates and address challenges.
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Implementation Framework

1. **Infrastructure Support:**
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Conclusion

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6. Accessibility and Transparency

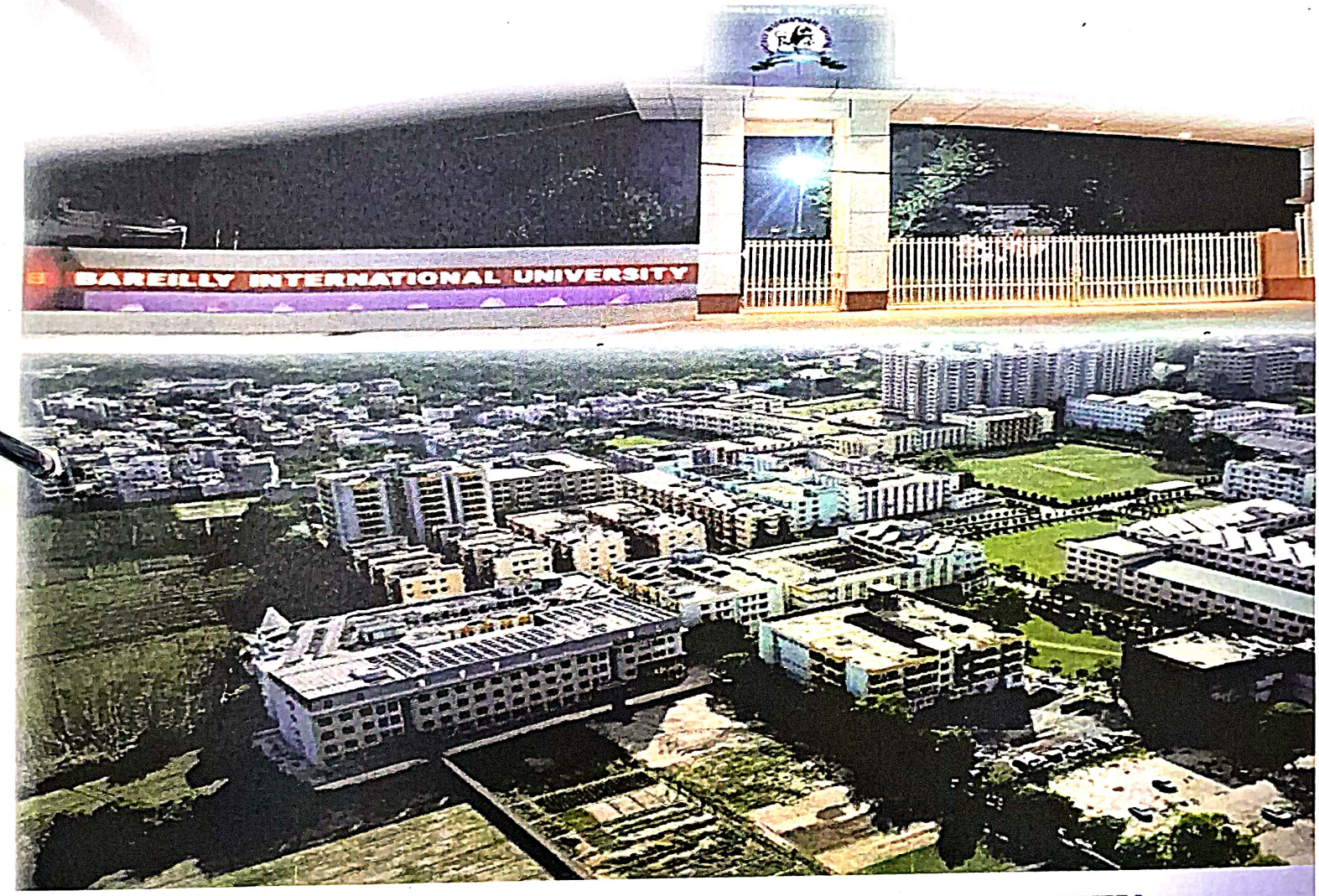
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Conclusion

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CRITERION 3- RESEARCH, INNOVATIONS AND EXTENSION

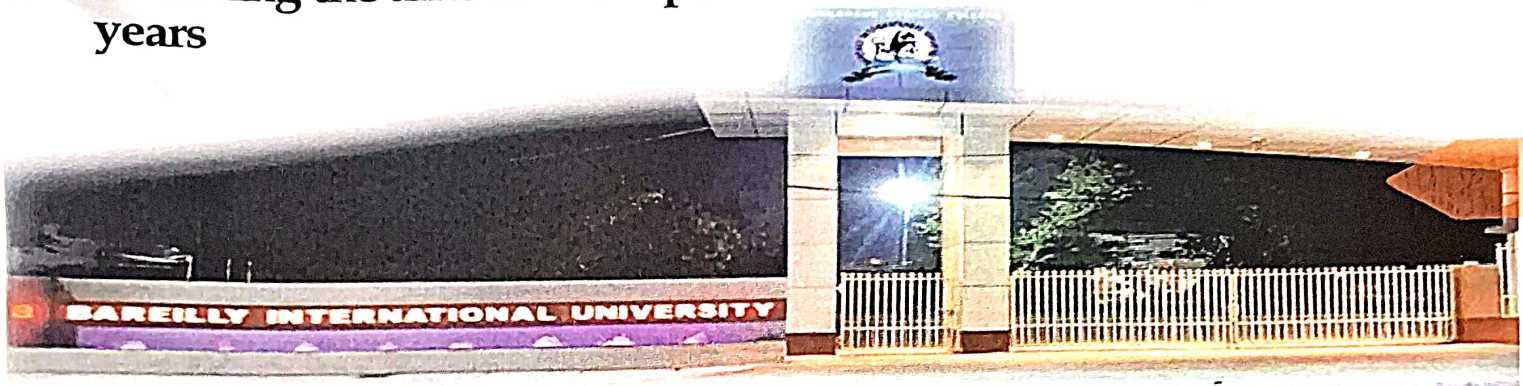
3.6.3 Number of awards and recognitions received for extension and outreach activities from Government / other recognized bodies during the last five years

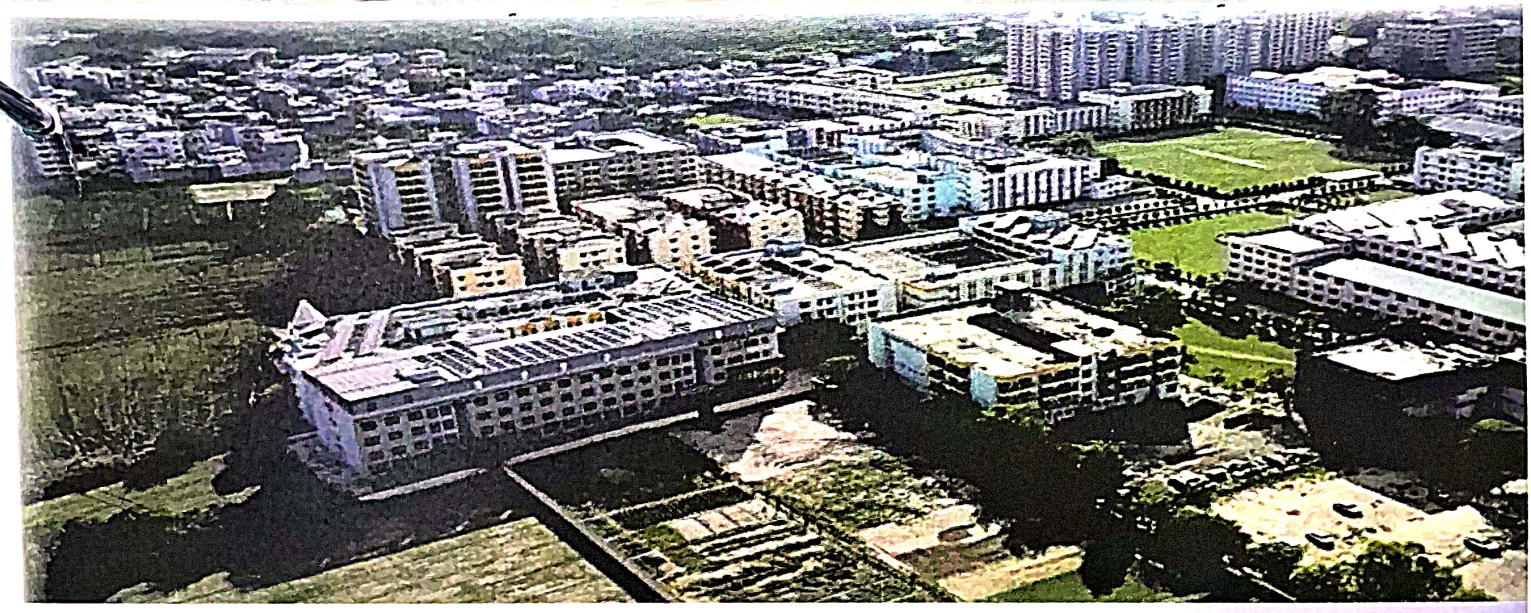


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CRITERION 3- RESEARCH, INNOVATIONS AND EXTENSION

3.6.4 Institutional social responsibility activitiesinthe neighborhood community in terms of education, environmental issues like Swachh Bharath, health and hygiene awareness, delivery of free/ subsidized health care and socio economic development issues carried out by the students and staff, including the amount of expenditure incurred during the last five years





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Bareilly International University

BIU COLLEGE OF MANAGEMENT

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Extension Activities and Institutional Social Responsibility (ISR)

The institution has placed a strong emphasis on engaging with society through structured extension and outreach activities. Over the past five years, the college/university has demonstrated a sustained commitment to serving the neighborhood community and promoting holistic development through student and faculty participation in socially meaningful initiatives.

A range of extension and outreach programs have been organized under the aegis of various clubs, cells, and departments in collaboration with recognized government and non-government bodies. These activities are aligned with national development priorities and the Sustainable Development Goals (SDGs), thereby contributing to education, health, environment, and social upliftment.

Recognition for Outreach Activities

The institution's outreach efforts have been acknowledged by various governmental and reputed non-governmental organizations. Recognitions and awards received during the assessment period reflect the institution's proactive approach in addressing community needs and promoting inclusive development. These accolades have not only validated the work done but have also motivated further innovations in community engagement practices.

Education and Literacy Campaigns

Students and faculty have been instrumental in promoting education, especially among children from marginalized backgrounds. Activities have included:

- Volunteering as tutors for remedial education
- Organizing awareness sessions on digital literacy and online safety
- Running adult literacy and women's literacy programs
- Facilitating career counseling and soft skills training for school and college dropouts

These programs aim to bridge the educational gap and provide equal learning opportunities, thereby contributing to the nation's literacy goals.

Environmental Sustainability Initiatives

In alignment with national missions like Swachh Bharat Abhiyan and Jal Shakti Abhiyan, the institution has regularly organized environmental awareness and action campaigns. Notable initiatives include:

- Cleanliness drives in public places and adopted villages
- Tree plantation programs and promotion of green campuses
- Water conservation workshops and rainwater harvesting awareness
- Campaigns on plastic waste reduction and solid waste management

These activities have instilled environmental consciousness among students and encouraged community participation in sustainable practices.

Health and Hygiene Outreach

Health is a major thrust area of the institution's ISR agenda. Regular health camps, awareness drives, and hygiene education sessions have been held in collaboration with local health departments and primary health centers. Initiatives include:

- Free medical check-ups and diagnostic camps
- Blood donation and organ donation awareness drives
- Sanitation and menstrual hygiene workshops, especially in rural areas
- Mental health awareness and stress management programs

These programs not only provide immediate health benefits but also foster long-term wellness awareness among the population.

Socio-Economic Development Activities

The institution has taken targeted steps to support the socio-economic development of disadvantaged groups. Programs have included:

- Skill development workshops in tailoring, computer literacy, and entrepreneurship
- Financial literacy camps, especially for women and rural youth
- Support for self-help groups and micro-enterprise promotion
- Awareness programs on government schemes and welfare benefits

These efforts contribute to the creation of livelihood opportunities and foster self-reliance among the underprivileged.

Expenditure and Resource Mobilization

To support these activities, the institution has allocated resources from its own budget and also mobilized funds through CSR partnerships and government support. Expenditures include logistics, training materials, transport, refreshments, health supplies, and awareness campaign tools. This financial commitment reflects the institution's dedication to long-term community engagement.

Student Involvement and Learning Outcomes

Student participation in these programs is not only encouraged but integrated into the institutional culture through credit-based extension activities, internships, and field projects. These experiences help students develop empathy, leadership, teamwork, and civic responsibility, enriching their academic journey with real-world understanding.

Institutional Mechanism

The institution has established dedicated committees and units like the NSS, NCC, Red Cross, and ISR Cell to systematically plan and execute outreach programs. Periodic needs assessments, stakeholder consultations, and impact evaluations ensure that these activities remain relevant, effective, and responsive to community needs.

INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR) ACTIVITIES POLICY

Objective

To define a framework for planning, implementing, and documenting Institutional Social Responsibility (ISR) activities that address neighborhood community needs, with a focus on education, environmental issues, health and hygiene awareness, subsidized healthcare delivery, and socio-economic development. The policy also governs the documentation of expenditures incurred in these activities.

Scope

This policy applies to all faculty, staff, and students of the university engaged in ISR activities benefiting the surrounding community.

Definition of Terms

1. **Institutional Social Responsibility (ISR):** Activities undertaken by the university to contribute to the well-being and sustainable development of the local community.
2. **Neighborhood Community:** Local communities within a defined radius of the university's campus, as determined by the university administration.
3. **ISR Activities:** Programs or initiatives addressing:
   - **Education:** Literacy programs, educational workshops, and skill development.
   - **Environmental Issues:** Cleanliness drives, tree plantations, and Swachh Bharat initiatives.
   - **Health and Hygiene Awareness:** Health camps, menstrual hygiene awareness, sanitation promotion.
   - **Healthcare Delivery:** Free or subsidized medical camps and telemedicine services.
   - **Socio-Economic Development:** Vocational training, women empowerment, and financial literacy programs.

Objectives of ISR Activities

1. To strengthen the university's role in community development.
2. To foster social responsibility among students and staff.
3. To support sustainable development goals in the neighborhood.
4. To document and ensure transparency in the expenditure incurred.

Guidelines for ISR Activities

1. **Planning and Implementation:**
   - The university will establish an ISR Committee (ISRC) to oversee all ISR activities.
   - Activities should be planned in consultation with the neighborhood community to address their specific needs.
   - Efforts should align with the university's vision of promoting sustainable development.

2. **Participation:**
    - Students and staff must a:tive / partic pate in ISR activities as part of their academic and professional develop nent
    - Participation may be volu ntar or inte rated into curricular and co-curricular programs.
3. **Funding and Expenditure:**
    - The university will alloca te ai annual udget for ISR activities.
    - Any external funding or dona ons mu st comply with university policies.
    - Accurate records of all e: pen itures, i ncluding receipts, must be maintained.
4. **Collaboration:**
    - Partnerships with local g over nent b dies, NGOs, and other organizations are encouraged to maximize impa t.

Documentation and Reporting

1. **Activity Documentation:**
    - Each ISR activity must b: do mente l with:
        - Objectives and e: pect d outc mes.
        - Participant detail..
        - Evidence of impl emer ation (.g., photographs, attendance lists, and reports)
        - Expenditure incu red.
2. **Reporting:**
    - The ISRC will compile a n an ual ISF report summarizing:
        - Activities conduc ted.
        - Number of benef ciar s.
        - Impact assessme it.
        - Total expenditur inc red.
    - The report will be subm tted the u iversity administration and shared with stakeholders.

Monitoring and Evaluation

1. **Evaluation Metrics:**
    - Number of activities co duc d.
    - Number of beneficiaries.
    - Community feedback o imp ct.
    - Funds utilized effectivel y.

2. **Impact Assessment:**
    - The ISRC will conduct periodic ev ıluat ɔns to ɛ ɔsess the short-term and long-term impact of ISR activities on the com mur y.

Responsibilities

1. **ISR Committee (ISRC):**
    - Plan and oversee ISR initiatives.
    - Ensure compliance with this policy.
    - Maintain financial and activity rec ɔrds.
2. **Faculty and Staff:**
    - Actively engage in planning and ir ıple enting SR activities.
    - Encourage student participation.
3. **Students:**
    - Participate in ISR activities as part of tl ir ove ıll development.
4. **University Administration:**
    - Provide financial and administrati e su port fo ISR activities.
    - Recognize and reward outstanding con ibution to ISR efforts.

Review and Amendments

This policy will be reviewed biennially to incorpo ate f edback align with changing community needs, and ensure the university continues to fulfill its s cial espons ɔility effectively.