Fabtech Technical Campus
College of Engineering & Research
The Future Begins Here.

Approved by AICTE, New Delhi; DTE, (M.S.),
Mumbai & Affiliated to Dr. Babasaheb
Ambedkar Technological University,
Lonere, Dist- Raigad & M.S.B.T.E., Mumbai.

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Research and development policies of Fabtech Technical Campus College of Engineering and Research

The institution's R&D Cell is dedicated to supporting faculty and students across various disciplines in Engineering and Sciences. Our goal is to foster research and development activities that enhance the quality of work and promote sustainability.

A. Patents

The Institute is committed to fostering innovation and protecting intellectual property generated by its faculty, students, and researchers. This policy outlines the procedures for filing patents to ensure that all inventions are properly evaluated and safeguarded.

1. **Eligibility**: All faculty, staff, and students engaged in research activities are eligible to file patents for inventions developed during their tenure at the Institute.

2. **Disclosure**: Inventors must promptly disclose any potentially patentable inventions to the Office of Research and Development (ORD). This disclosure should include a detailed description, potential applications, and any relevant data.

3. **Evaluation**: The ORD will assess the disclosed inventions for patentability, commercial viability, and alignment with the Institute's mission. This evaluation may involve consultation with external experts.

4. **Ownership**: The Institute typically retains ownership of patents resulting from research conducted using its resources. However, agreements can be made for shared ownership in specific cases.

5. **Filing Process**: Upon approval, the ORD will assist inventors in preparing and filing patent applications. Inventors may be involved in the process but must comply with legal and administrative requirements.

6. **Revenue Sharing**: Any income generated from patent licensing will be shared between the Institute and the inventors, in accordance with established guidelines.

7. **Financial Support**: The institute will provide financial support to inventors as follows:

   ### A. For Utility Patent

   1. **Patent Registration Fee:** The institute will cover 50% of the registration fee for patent submissions, applicable to both regular and fast-track submissions.

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2. **Incentive for Published Patents:** An incentive of ₹5,000 will be awarded to inventors upon the publication of the patent. If there are multiple inventors, this amount will be shared equally among all inventors.

3. **Incentive for Granted Patents:** An incentive of ₹75,000 will be provided to inventors upon the granting of the patent. If there are multiple inventors, this amount will be shared equally among all inventors.

B. For Design Patent

1. **Patent Registration Fee:** The institute will cover 100% of the registration fee for patent submissions.

2. **Incentive for Published Patents:** An incentive of ₹1000 will be awarded to inventors upon the publication of the patent. If there are multiple inventors, this amount will be shared equally among all inventors.

3. **Incentive for Granted Patents:** An incentive of ₹10,000 will be provided to inventors upon the granting of the patent. If there are multiple inventors, this amount will be shared equally among all inventors.

This policy aims to promote innovation while ensuring that intellectual property is effectively managed and protected.

Condition: The name of the institution must be provided at the time of patent submission to ensure clear identification of affiliation

B. Research Publications (in National/International journals)

The institute encourages and supports the publication of research work in recognized national and international journals. The policy aims to promote high-quality research output, enhance academic visibility, and contribute to the scientific community.

1. **Publication Quality:** Faculty, researchers, and students are encouraged to publish in reputable, peer-reviewed journals indexed in recognized databases such as Scopus, Web of Science, or UGC-CARE.

2. **Authorship and Affiliation:** All publications must clearly mention the institute's name and the authors' affiliation. Co-authorship with national and international collaborators is encouraged.

3. **Ethical Standards:** All publications must adhere to ethical standards, including proper citations, avoiding plagiarism, and ensuring data accuracy. Researchers must comply with the institute's plagiarism policy, and manuscripts should be vetted through plagiarism detection tools before submission.

4. **Reporting:** Authors must report their published works to the Research and Development Cell for record-keeping and acknowledgment in the institute's annual report.

5. **Financial Support:** The institute will provide financial assistance for publication fees in high-impact journals. Funding will be subject to the availability of funds and approval from the research committee.

6. **Incentives:** Authors will receive monetary incentives for research publications as follows:

   a. Publications in Scopus/Web of Science Indexed Journals:
   - If the research article is published in a peer-reviewed journal indexed in Scopus or Web of Science with a good impact factor, the first author will receive an incentive of ₹5,000.
   - If there is a single co-author, the incentive will be ₹2,500.
   - If there are multiple co-authors, the total incentive amount will be shared equally among them.

   b. Publications in UGC-CARE Listed Journals:
   - If the research article is published in a UGC-CARE listed journal with a good impact factor, the first author will receive an incentive of ₹3,000.
   - If there is a single co-author, the incentive will be ₹1,500.
   - If there are multiple co-authors, the total incentive amount will be shared equally among them.

This policy aims to foster a culture of research excellence and recognition within the academic community.

C. Research Publications in National/International Conferences

The institute encourages and supports the presentation of research work at recognized national and international conferences. This policy aims to promote the dissemination of high-quality research, enhance academic visibility, and facilitate networking within the scientific community.

1. **Conference Quality:** Faculty, researchers, and students are encouraged to present their research at reputable, peer-reviewed conferences recognized in their respective fields. Priority will be given to conferences that are indexed in recognized databases such as Scopus, IEEE, etc.

2. **Authorship and Affiliation:** All conference presentations must clearly mention the institute's name and the authors' affiliation. Co-authorship with national and international collaborators is highly encouraged to foster interdisciplinary and collaborative research.

3. **Ethical Standards:** All conference submissions must adhere to ethical standards, including proper citations, avoiding plagiarism, and ensuring data accuracy. Researchers must comply with the institute's plagiarism policy, and all manuscripts or abstracts submitted for conferences should be vetted using plagiarism detection tools.

4. **Reporting:** Authors must report their presented works to the Research and Development Cell for proper record-keeping and acknowledgment in the institute's annual report.

5. **Financial Support:** The institute will offer financial assistance for conference participation as follows:

- 50% of the registration fees
- Reimbursement of travel expenses, either by bus or 3-tier AC train, based on actual costs

6. **Incentives:** To recognize and reward research dissemination, the following incentives will be provided:

   a. **Presentations at Scopus/Web of Science Indexed National/International Conferences:**

       b. The first author will receive an incentive of ₹1,500 if the research is presented at a peer-reviewed conference indexed in Scopus or Web of Science.

       c. If there is a single co-author, the incentive will be ₹700.

       d. If there are multiple co-authors, the total incentive amount will be shared equally among them.

   b. **Presentations at UGC-CARE Listed National/International Conferences:**

   - The first author will receive an incentive of ₹1,000 if the research is presented at a UGC-CARE listed conference.
   - If there is a single co-author, the incentive will be ₹500.
   - If there are multiple co-authors, the total incentive amount will be shared equally among them.

This policy aims to foster a culture of research excellence and recognition within the academic community, encouraging researchers to actively participate in conferences and share their work with broader audiences.

D. Regarding Ph. D. programme:

Faculty members pursuing a Ph.D. are eligible for 15 days pre-sanctioned special leaves per year to engage in scientific integration activities with other institutes, research guides, or to complete course work, without any academic loss. These special leaves are non-accumulative and must be utilized within the semester they are granted.

If a faculty member avails these special leaves, they are required to continue their service at the institute for a minimum of two years after the completion of their Ph.D. program. Faculty members pursuing a Ph.D. must also sign a bond committing to work at the institute for at least two years following the completion of their degree.

E. Research Project:

The Principal Investigator (PI) will receive an annual incentive equivalent to 1% of the total research grant secured from government or non-government funding agencies. This incentive will be provided for the duration of the project grant.

F. Post Doctoral Fellowship (PDF)

The institute's Post-Doctoral Fellowship (PDF) aims to support early-career researchers in advancing their academic careers and contributing to the institute's research goals.

1. Eligibility: Candidates must have completed their Ph.D. within the last three years from a recognized institution. The research proposal should align with the institute's strategic focus areas.

2. Duration and Renewal: The fellowship is for one year, extendable for a second year based on performance and research progress.

3. Financial Support: Fellows will receive a monthly stipend and access to research facilities. Additional funding may be available for conference participation.

4. Responsibilities: Fellows are expected to conduct full-time research, publish in high-impact journals, present at conferences, and participate in academic activities like seminars and workshops.

5. **Reporting and Evaluation**: Fellows must submit progress reports every six months. Performance evaluations will be conducted annually.

6. Intellectual Property: IP generated will be jointly owned by the fellow and the institute as per institutional policy.

7. Termination: The fellowship may be terminated for poor performance or breach of terms. Fellows are required to commit to the fellowship duration.

G. Project competition policy

An institute's policy to support students in project competitions can include the following key elements:

1. **Financial Support**: Cover 50% of registration fees and at actual travel by bus, and material costs needed for competitions.

2. **Mentorship**: Assign faculty advisors to guide students and offer specialized workshops to enhance skills relevant to the competition.

3. **Academic Flexibility**: Provide deadline extensions and academic credit for competition participation, ensuring no academic burden.

4. **Recognition**: Incentivize winners with awards or scholarships and recognize their achievements in institute events or newsletters.

5. **Industry Collaboration**: Facilitate connections with industry partners or alumni for mentorship, sponsorship, or resources.

6. **Post-Competition Support**: Encourage further development of successful projects through incubation or research grants and share feedback for continuous learning.

7. **Incentives**: To recognize and reward research dissemination, the following incentives will be provided:

Sr. No.	Level	Prize amount in Rs.		
		First Rank	Second Rank	Third Rank
1	National level	3000/-	2000/-	1000/-
2	State Level	2000/-	1500/-	750/-
3	University level	1500/-	1000/-	750/-
4	Inter Institute level	1000/-	750/-	500/-

H. Faculty Book Publication Policy

Purpose

This policy outlines guidelines for faculty at Fabtech Technical Campus College of Engineering and Research regarding book publication, promoting academic integrity and institutional support.

1. **Copyright and Royalties:** For book publications, copyright and royalties will remain with the faculty.

2. **Revenue Sharing**: If the book generates revenue, the faculty will retain the copyright and royalties, but any revenue beyond a specified threshold may be subject to a revenue-sharing agreement with the institution, as outlined in the relevant policy.

3. **Financial Support:** The institute will offers financial support for faculty members to assist with book publication costs, including grants and funding opportunities, to promote scholarly contributions.

4. **Compliance:** All publications must adhere to institutional policies on academic integrity, plagiarism, and copyright laws.
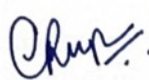
This policy will be reviewed annually to ensure alignment with best practices and institutional priorities.

(Dr. Ms. V. S. Kshirsagar)
Dean R&D

Dr. Ravindra Shendage
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