



FABTECH TECHNICAL CAMPUS

College of Engineering & Research, Sangola

An Autonomous Institute, Accredited by NAAC "A" Grade

Approved by AICTE, New Delhi, DTE, (M.S.), Mumbai & Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist- Raigad. DTE CODE-6756

Ref. No. FTC-COER/R&D Policy/2026/4743

Date: 10/08/2026

Research and Development Policy

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.

1. Vision & Mission of R&D Cell

Vision

To establish a vibrant research ecosystem that promotes innovation, entrepreneurship, intellectual property creation, and socially relevant research for sustainable technological development.

Mission

- Promote quality research among faculty and students.
- Encourage interdisciplinary and industry-sponsored research.
- Enhance patents, copyrights and technology transfer.
- Increase funded research projects and consultancy.
- Improve national and international institutional rankings.

2. R&D Policy Objectives

- Enhance research publications in quality indexed journals.
- Promote Intellectual Property Rights.
- Increase funded research, encourage innovation and startup ecosystem.
- Improve institutional rankings.
- Build Centres of Excellence.
- Promote multidisciplinary research.

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3. Faculty Annual R&D Performance Framework (10 Parameters)

3.1 Purpose

To foster a strong research culture and enhance the Institute's performance in NAAC, NBA, NIRF, ARIIA, AICTE, and national/international rankings, every regular faculty member shall actively contribute to research, innovation, consultancy, intellectual property, and academic excellence.

3.2 Annual Performance Requirement

Every faculty member shall achieve at least **FOUR (04)** out of the following **TEN (10)** R&D Performance Parameters during each Academic Year.

Sr. No.	Parameter	Annual Minimum Target
1	Scopus / SCI / SCIE / ESCI / Web of Science Journal Publication	01
2	IPR (Patent / Copyright / Design / Trademark)	01
3	IEEE / Springer / Elsevier / ACM / ISTE / IEI / Scopus Indexed Conference Publication	01
4	Funded Research Project (Government/Industry)-Proposal Submitted /Sanctioned	01
5	Centre of Excellence / Research Laboratory	01
6	Consultancy / Testing / Training Revenue/ Certification / Expert Services / Industrial Projects	Minimum ₹2.50 Lakhs
7	R&D Minium 02 days FDP / Workshop / STTP / Seminar Organized	01
8	Book Publication (ISBN)	01
9	Book Chapter (ISBN)	01
10	Ph.D. Research Guidance / Registered Research Scholar / Co-guide	01



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3.3 Performance Compliance

1. The above framework shall be applicable to all regular teaching faculty.
2. Faculty members are expected to achieve **any FOUR** of the above ten parameters during every academic year.
3. The R&D Cell shall review progress every month.

3.4 Performance Categories

Achievement	Category
8-10 Parameters	Outstanding Researcher
6-7 Parameters	Excellent Researcher
4-5 Parameters	Good Performer
Below 4 Parameters	Needs Improvement

3.5 Incentives

Faculty achieving higher levels may receive additional recognition along with claim as per policy.

Outstanding Researcher

Certificate, Cash Award, Appreciation during Annual Function

Excellent Researcher

Certificate of Excellence

Good Performer

Certificate of Appreciation

4. For Various Claims as part of R&D Work

A. Indian 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.





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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 Dean Research and Development. This disclosure should include a detailed description, potential applications, and any relevant data.
3. **Evaluation:** The Dean R & D 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 Dean R & D 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. 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.

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. Industrial Design, Copyrights and Trademarks

1. **Patent Registration Fee:** The institute will cover 50% 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





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inventors upon the granting of the patent. If there are multiple inventors, this amount will be shared equally among all inventors.

All the IPR Financial claims will be considered either after publication or granted. This policy aims to promote innovation while ensuring that intellectual property is effectively managed and protected.

Condition: All Intellectual Property (IP) assets must clearly indicate the author's name along with the affiliation Fabtech Technical Campus College of Engineering & Research, Sangola. In the case of Industrial Design registration, the name of the College shall be included as the last applicant.

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.
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 SCI/ESCI Indexed Journals:

- If the research article is published in a peer-reviewed journal indexed in SCI/ESCI Indexed with a good impact factor, the first author will receive an incentive of ₹7,000.





- If there is a single co-author, the incentive will be ₹3,500.
- If there are multiple co-authors, the total incentive amount will be shared equally among them.

b. Publications in Scopus/Web of Science Indexed Journals:

- If the research article is published in a **Scopus/Web of Science Indexed Journals** 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.

c. Publications in IEEE / ISTE/ IEI / ACM like Standard Listed Journals:

- If the research article is published in the above 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 & Book Chapters

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.





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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
 - 100% Reimbursement of travel expenses, either by bus or 3-tier AC train, based on actual costs

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. & Post-Doctoral Fellowship (PDF) Programme :

The Institute is committed to promoting advanced research and creating a vibrant research ecosystem by encouraging faculty members to pursue **Doctor of Philosophy (Ph.D.)** programmes from recognized universities. This policy aims to enhance faculty qualifications, strengthen research output, increase funded projects, improve institutional rankings, and contribute to academic excellence, As per Institute Norms.

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. Priority Funding Agencies are DST ,AICTE ,DRDO ,ISRO ,CSIR ,SERB ,DBT ,MSME ,ATAL ,BIRAC ,AICTE MODROB etc.

F. SEED Money

The Institute shall provide Seed Money to faculty members to initiate innovative research, product development, interdisciplinary projects, prototype development, patent filing, consultancy, and externally funded research proposals. The objective of this scheme is to strengthen the research ecosystem, improve publication quality, generate Intellectual Property Rights (IPR), and attract external research funding As per Institute Norms with Maximum Amount and Duration.

G. Project competition policy/ Product Development Policy

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





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1. **Financial Support:** Cover 50% of registration fees and at actual travel by bus. The material costs needed for projects (maximum up to Rs.3000/-per group) will be sanctioned after the review of bills and project status.
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:** Winners will recognize their achievements in institute events in the college 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 awards 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 the guidelines for faculty members of Fabtech Technical Campus College of Engineering and Research regarding the publication of books and book chapters. The policy aims to encourage quality academic publications while ensuring academic integrity and providing institutional support.

1. Copyright and Royalties:

For all book publications, the copyright and royalties shall remain with the faculty author(s), subject to the terms of the publisher.

2. Financial Support for Book Publication:

Faculty members who publish a book with a valid ISBN shall be eligible to claim an incentive of ₹3,000/-, provided they are the **First Author** and financial support of up to **50% of the actual publication/processing charges**, subject to:

- o Submission of payment receipts and proof of publication.





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- Compliance with the Institute's publication quality norms and funding guidelines.
 - The support shall be limited to **one claim per faculty member per book**, Per year unless otherwise approved by the Institute.
3. **Financial Support for Book Chapter Publication:**
Faculty members publishing a **Book Chapter** in an edited book with a valid ISBN from a recognized publisher shall be eligible to claim an incentive of **₹1,000** and financial support of up to **50% of the actual publication/processing charges**, subject to:
- Submission of payment receipts and proof of publication.
 - Compliance with the Institute's publication quality norms and funding guidelines.
 - The support shall be limited to **one claim per faculty member per book chapter**, Per year unless otherwise approved by the Institute.

I. Financial Claim Process:

Purpose

To ensure transparency, accountability, and timely processing of financial claims related to Research & Development (R&D) activities, all eligible claims shall be processed through the following approval workflow.



Fig: -R&D Financial Claim Approval Workflow

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J. Policy Review:

This policy shall be reviewed annually to ensure alignment with national academic standards, institutional priorities, and best publication practices.

(Dr. Somnath Thigale)
Dean R&D

(Dr. Vidyarani Kshirsagar)
Vice Principal

(Dr. R. B. Shendage)
PRINCIPAL

(Mr. Sanjay Adate)
Estate Director



(Dr. Ameet Rupnar)
Managing Director