



MSRIT RESEARCH POLICY

The Gokula Education Foundation has established the M.S. Ramaiah Institute of Technology (MSRIT) that has, since 1962 emerged as an educational and research institution of national repute in the field of technical education. As a fount of new ideas and innovations in sciences and technology it is necessary to create an environment where new ideas, research and scholarship may flourish. To enable this a formal research policy is set down here which will guide all research activity at MSRIT.

MSRIT strongly promotes research activities among faculty and students. The research policy is focused through six themes.

1. Establishing Centre of Excellences in thematic areas linked to industry
2. Establishing seed funding (up to Rs 5 lakhs) for faculty
3. Financial assistance to full time PhD scholars
4. Incentives for quality publications
5. Protecting the intellectual property created by faculty and students of MSRIT
6. Establishment of a R&D group with faculty from all engineering disciplines

Industry oriented R&D

To ensure that faculty research is linked to leading industries, two Centre of Excellences have already been established at MSRIT. The first is the Boeing Research and Technology Lab, which comprises of the following R&D labs: Instrumentation, Production Systems, Material, NDT-Non Destructive Testing and the Tear down Analysis Lab. The second is the Imaging Technology Solutions Lab in collaboration with IGCAR and Lucid s/w solutions. Two new Centers of Excellence are being established. The first is in collaboration with Boeing, in the area of Advanced Manufacturing. The second is the Centre for Cyber Physical Systems. The objectives of both the centers are to bring faculty from diverse backgrounds onto common platforms in order to foster interdisciplinary research and improve external funding/consultancy.

Seed Funding

Since October 2019 MSRIT, (Ref: Circular Number RIT/PRIN/2018-19/1596) provides seed funding up to Rs 5 lakhs to enable faculty to experiment with innovative ideas. The seed funding enables faculty to develop novel prototypes and algorithms. Based on this faculty are encouraged to apply for external funding to transition those innovative ideas from prototypes to product ready systems. Faculty must have a mentor from either IISc or any of the IITs or NITs.

Financial assistance to full time PhD scholars

MSRIT also provides support to full time Ph.D. scholars up to Rs 10,000 per month.



Incentives for quality publications

Since May 2017 MSRIT has started providing incentives to faculty who have published in quality journals. The quality metric is derived directly from Scimago. There are four categories in SJR rankings, Q1 to Q4. The incentives are proportional to the ranking of the specific publication as detailed below

Category	SJR ranking	Description	Incentive amount
A	Q1	Excellent	Rs. 25,000
B	Q2	Good	Rs. 10,000
C	Q3	Fair	Rs. 5,000
D	Q4	Acceptable	Rs. 2,000

The following are the norms to be followed for availing the incentives

C. Publication has all MSRIT authors:

1. **If the publication has only faculty members as authors**, the incentive amount will be divided equally among all MSRIT faculty members that are on the author list.
2. **If the publication has student authors** and one or more faculty authors, then:
 - a. The faculty member will be eligible for the full amount of the incentive, provided the first author is the faculty member, OR the first author is a student and the second author is the faculty member.
 - b. The faculty member will be eligible for only 50% of the incentive amount, if the first two authors are students, and the faculty member is the third author.
 - c. In all other cases, the faculty members are not eligible for the incentive.
 - d. In cases A2(a) and A2(b), if the publication has additional faculty members as authors (regardless of their position in the author list), the eligible incentive amount will be shared equally among them.

D. Publication has a combination of external and MSRIT authors:

1. **If the publication does not have any (MSRIT or external) student authors:**
 - a. MSRIT faculty member will be eligible for the full incentive amount if he/she is the first author.
 - b. The MSRIT faculty member will be eligible for 50% of the incentive amount if he/she is the second author, while the first author is external. The MSRIT faculty member will also be eligible for 50% of the incentive amount, if he/she is the third author, and the first two are external authors from two different institutions.
 - c. If the first three (or more) authors are external, then the MSRIT faculty member will not be eligible for any incentive.
 - d. In cases B1(a), B1(b), and B1(c), if the publication has additional MSRIT faculty members as authors (regardless of their position in the author list), the eligible incentive amount will be shared equally among them.



Intellectual Property Policy

The Intellectual Property Policy (Ref No.: MSRIT/PRIN/2017/105) set by MSRIT sets a framework for the protection of all IPR generated at MSRIT. The key highlights from the IPR policy are described below

- "IP" Shall be matter that is the result and/or outcome of research, discovery, findings, creations, inventions, innovations, novel methods and /or processes evolved by employees of MSRIT. IP shall include written matter engendered in the course of the research or teaching-learning process by scholars, employees of MSRIT and visiting faculty.
- The IP generated must be of an original nature, amenable to patenting/copyrighting/trade marking/design registering and written matter of an original nature. The matter must be able to lend itself to definition in writing.
- Recognition of IP begins with the generator of any IP to register the fact of creation of IP with the Dean for Research (MSRIT). Applicants desiring to register their IP shall furnish a statement of creation that forms a fair description of their respective creation and a request to register. The application shall specify whether the IP is for patent/copyright/bio-diversity right reservation/design, layout confirmation/written composition for publication OR if the intention is to be a creation of proven novelty that confers status of first creation. applicant shall provide to the Dean for Research the actual item for a sealed cover that shall conform to the requirement of patenting/copyright. written or a process evolved also may be registered by providing a detailed description that will help establish future adoption or use without proper request or acknowledgement.
- The Registering applicant shall also furnish a certificate of creation / invention / discovery / authorship that explains the steps taken to establish the novelty and authenticity of the IP registered.
- The preparation of the certificate of novelty and/or originality must furnish evidence of the diligence applied in the course of engendering the IP for registration, The claim to novelty/originality and action of first creation must be described.
- The person registering a claim shall declare all the names of persons who will share the credit for the IP registered.
- A group of not less than three nor exceeding five members shall be constituted by the Principal and Dean for Research to assess the creation being given in for IP registration shall decide on whether the creation is worthy of being accorded the status of IP and thus be registered for protection and future licensing.
- Upon the Principal and Dean for Research constituted committee deciding that an application being fit for registration, the IP shall be duly registered and the author/s be informed of the same.



- The MSRIT will, on the recommendation of the Principal and Dean for Research take steps to apply for the patenting/copyrighting/trademark registration of the matter registered. The cost of such action, up to 90% shall be borne by MSRIT.

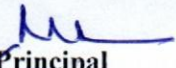
FEATURES OF THE IP POLICY:

- A: The MSRIT IP Policy shall apply to all employees, teachers, scholars& visiting faculty of MSRIT.
- B: An unequivocal acceptance of the IP Policy needs to be given by every employee or student to abide by the rules of the Policy as amended from time to time.
- C: Creators of IP who register their IP with MSRIT acknowledge that MSRIT will be the owner of the IP registered.
- D: Upon registering any IP after signaling acceptance of the IP Policy, MSRIT shall have the right to apply for its protection in India or throughout the world or in specific countries, to be decided after consulting with the creator.
- E: The cost of obtaining or providing the protection shall be borne by MSRIT up to the extent of 90% of the cost and 10% by the creator of the IP proposed for protection by way of patent, copyright, trademark or any other method not specified.
- F: MSRIT will help the creator of the IP registered to license the IP for use by external agencies depending on the nature of the innovation/invention to corporate entities only.
- G: IP registered by the MSRIT gives MSRIT the right to access the IP for the sole purpose of academic work that will cover the entire gamut of the teaching-learning process and research
- H: Revenues generated from licensing the IP generated and registered will be at the ratio of 70% to creator and 30% to MSRIT. The 70% will be divided among all members of the creator's team who have to be declared at the time of Registration.
- I: Creators of registered IP are free to contact potential licensees' of the IP. However, it shall be the obligation of the creator to furnish all details of the transaction to MSRIT and involve the MSRIT in the negotiations. In the event of a contract being arrived at, all payment shall be made to MSRIT. The revenue generated shall be shared at 85% to the creators and 15% to MSRIT.
- K: The Principal and Dean for Research shall be the primary arbiter of intellectual dishonesty and the last level of appeal shall lie with the Chief Executive, GEF (Engg. & GS), any conflict of interest arising, the Chief Executive shall nominate a suitable arbitrator.



Establishment of a R&D group

Finally, MSRIT has established a Research Centre (Circular number: RIT/PRINT/2019/1919), with two coordinators (Dr. N Sriram and Dr. KRV Subramanian) and with 14 full time faculty identified to focus on research. The objectives of this research Centre is to promote research and consultancy at the institute level, to facilitate interaction with external agencies (industries, funding bodies etc.), to create multiple research thematic areas at MSRIT, and to significantly increase the number of quality publications/patents. The Committee also assists other faculty of MSRIT to write R&D proposals. The dominant focus of this committee is to ensure that inter-disciplinary research can be conducted at MSRIT, the faculty in the committee are from all the engineering disciplines at MSRIT.


Principal
MSRIT

PRINCIPAL

V.S. RAMAIAH INSTITUTE OF TECHNOLOGY
(Autonomous Institute, Affiliated to VTU)
Bangalore - 54.

To,

1. All HODs
2. Head, R&D and IPR Cell

Copy to :

1. Registrar(Aca)