

Research Policy

Title: TLSU Research Policy Guidelines

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1. Introduction

Research is the backbone of knowledge. For every university including Skills University, advancements in technology, concepts, knowledge need to be upgraded from time to time. Therefore, faculties need to be motivated to conduct research in their respective field.

2. Objectives of the Policy

1. To promote research, innovation and intellectual capital,
2. To promote skill building through research
3. To ensure integrity, quality and ethics in research,
4. To integrate teaching and research through translational and instructional research, and;
5. To reward the research, innovation and intellectual capital build through the University.

3. Research Projects

The university encourages faculties and students to undertake research projects and carry out some important and relevant researches in various disciplines. The faculty would prepare a Research Project which will be submitted to the Research Committee for vetting purposes. If the project fulfills the requirements and standards of the University, funding will be provided by the University to the faculty concerned for the research project.

The Minor Research Project Scheme will encourage faculties to think about research, prepare the proposal, conduct research and write a research report. It will also assist them in preparing proposals for major research projects. The University shall continue to encourage faculty to take up minor research projects and shall earmark an appropriate budget for this purpose.

4. Joint (Collaborative) Research Projects

As a skills university, it is imperative that research should be conducted in a manner that would benefit the industry too. The university works closely with industry for skill development of its students. One of the ways to develop skills is to collaborate with industry to work on research projects jointly where funding and other facilities can be provided by the industry and intellect can be provided by the university. Faculty and students of the university will be encouraged to work closely with the industry on industry defined problems and carry out minor and major research projects.

5. Research Oriented Training and Workshops

It has been observed that faculties and students are self-motivated for research but due to lack of skills, funds and research experience cannot materialize their concepts. Because of this, a lot of times the proposals are rejected by relevant agencies. This leads to losing of interest. Hence, as a part of the research policy, the university shall conduct research workshops and training programmes on a regular basis by involving their own experienced faculties and also by inviting experts from industry and academia. The purpose of this activity would be to have research projects which are accepted by various agencies and industry and funding agencies and recognition is their work.

6. Publication of Research Papers in Seminars/Conferences/Journals

Publication of research papers is vital. Faculties should publish papers or present papers in reputed national and international conferences. For publication of research papers, care should be taken that they are published in blind peer-reviewed journals of repute with ISSN. The paper presentation should be in international or national conferences, the proceedings of which are published in a book with ISBN.

7. Intellectual Property Rights (IPR)

The University would like to strengthen the research, leading to filing of patents for which the guideline is already available. If any innovation is done, the University shall encourage the researchers and scholars to patent it. However, when a scholar files for a patent, scrutiny will be carried out and for that a mechanism is already evolved at three levels namely:

1. Department at the institution level
 2. At the committee level, which has experts
 3. At the University level committee where even a lawyer in the concerned field is associated
- The University also bears all expenditure for filing application for patent. If the patent is commercialized the sharing of earning is to be done between researcher and the University as per the guideline developed from time to time.

The University shall create awareness about intellectual property rights among faculty, researchers and scholars from time to time.

8. Centre of Excellence (COE)

The university will encourage each department to carry out research in specific areas. This will be done by creating a Centre of Excellence for various identified thrust areas. The

University shall promote a particular department or an institution like the Centre of Excellence in due course for a specialised thrust area.

9. Promotion of Research and Innovation

Research and innovation can be promoted in different ways. The curriculum can be research-oriented. University can follow project-based learning. Research and innovation can be promoted through on the job training and internships where students and faculties learn new things. University can conduct workshops on research methodology, research training programmes and even writing research papers.

The university proposes to further reinforce research at all levels by having courses on creativity and innovations, minor & major projects, hands-on-training, internship, industrial visits, etc.

10. Research Policy

The following ways are to be considered for the students participating / preparing for the prestigious national / international technical / professional competitions:

10.1 Academic Support and Leave Consideration

- i) The students participating in important state /national /international events (research-related events) will be given flexibility in submission of Term Assignments, Laboratory Work, etc. Such students may be considered for re-tests under different Continuous Evaluation (CE) components.
- ii) Maximum 10 days leave (in a semester) for the competition preparation
- iii) Leave for the actual number of days plus days for travelling for participating in the competition
- iv) If the leave requirement is more than 10 days for the preparation, the matter will be considered as a special case. Based on the recommendations by the Faculty Mentor, concerned Head / Area Chair and the HoI, the Appeal Committee may condone the leave.

10.2 Financial Support

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For the prestigious State /National / International technical / professional competitions, research events, the Institute may provide financial support in terms of purchase of equipment, software, chemical, consumables, books / journals, travel and stay etc., For all such expenses, necessary budget provision is to be made by the concerned Department / Institute for each financial year. The approval for such a budget is to be obtained from (Provost/management ?)

The food, accommodation and travel expenses will be reimbursed for the participants of the competitions as per the University Policy:

Note: The benefit of above (Leave Consideration and Financial Assistance) will only be given for the prestigious state / national / international competitions, events, etc. based on the level of the event, nature of competition, credentials of the organizers, benefits to the participants and the Institute / University, etc.

10.3 Travel Grant for Attending International Conference to the UG, PG Students and Faculties

The University has framed guidelines for granting financial aids to the full-time Ph.D. students for attending International seminar / conference. On the a similar line, partial financial aid should be given to the UG and PG students for attending and presenting their research outcomes at the prestigious international conferences, provided that the student has received partial financial support from the external agencies. The norms for awarding such financial aids, the procedure for application and approval will remain same as that of the guidelines for granting financial aids to the full-time students

10.4 Awards and Incentives to the Students/Faculties for Outstanding Research Achievements:

Apart from the leave consideration and financial support, the outstanding student researchers and the winners of the national / international technical / professional events should also be encouraged by:

- i Felicitating such researchers / winners on Annual Day of the Institute with a memento
- ii Highlighting the research achievements of the students on the Website, University News Letter / Research Report, Research Wall at Libraries, etc.

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