

WARANA UNIVERSITY - AVISHKAR

Guidelines for Participation – University Level Research & Innovation Competition

Purpose of Avishkar in Warana University

Avishkar in Warana University is a University Level Research and Innovation Competition intended to identify, encourage, and showcase innovative talent among participants from its constituent institutes. The competition provides an opportunity to present original research work, innovative ideas, experimental studies, working models, prototypes, new products/processes, technology-based solutions, and social or community-oriented innovations. The emphasis is on originality, innovation, significance, applicability, research methodology, clarity, and effective presentation.

Participating Institutes

Participants from Tatyasaheb Kore Institute of Engineering and Technology (TKIET), Yashwantrao Chavan Warana Mahavidyalaya (YCWM), Tatyasaheb Kore College of Pharmacy (TKCP), and Warana School of Law (WSL), Warananagar may participate.

University-Level Participation

Eligible participants may register for Avishkar through the online registration form provided on the university website.

Participation process: Project/Idea Identification → Registration → Submission of Project Details → University Level Avishkar → Expert Evaluation → Results & Recognition.

Eligibility

UG: Students pursuing studies in the constituent colleges who are below the age of 25 years are eligible to participate in any of the six disciplines under this category depending upon the area of his/her research work irrespective of the faculty/stream/subject in which he/she has enrolled for the degree/diploma in the constituent colleges.

PG: Any student pursuing studies in the constituent colleges or a recognized institute who is below the age of 30 years is eligible to participate in any of the six disciplines under this category depending upon the area of his/her research work irrespective of the faculty/stream/subject in which he/she has enrolled for the Post Graduate degree/diploma in the constituent colleges.

PPG: Any Student (excluding university approved teachers) from the constituent colleges who has duly registered for Ph.D. is eligible to participate in any of the six disciplines depending upon the area of his/her research project irrespective of the faculty/stream/subject in which he/she has enrolled for the said programme in the constituent colleges without any stipulated age limit.

TH: Only university-approved teachers who are currently pursuing Ph.D. shall be eligible to participate. Teachers who have already been awarded an M.Phil. or Ph.D. degree and are subsequently engaged in guiding Ph.D. students shall not be eligible to participate.

A participant should be a Bonafide student of constituent institutes of Warana University, Warananagr for the relevant academic year. Teacher participants shall be university-approved teachers fulfilling the eligibility conditions prescribed for the Teacher (TH) category. A participant shall participate through Warana University and comply with the registration and documentation requirements prescribed by the University.

Avishkar Disciplines

S. No.	Avishkar Discipline
1	Humanities, Languages & Fine Arts
2	Commerce, Management & Law
3	Pure Sciences
4	Agriculture & Animal Husbandry
5	Engineering & Technology
6	Medicine & Pharmacy

Nature of Projects Encouraged

Participants are encouraged to participate with innovative research studies, experimental investigations, working prototypes, product/process development, design innovations, sustainable technologies, environmental solutions, agricultural innovations, healthcare/pharmaceutical innovations, social innovations, educational innovations, AI/ML and digital solutions, green hydrogen and hydrogen-related technologies, energy and renewable-energy solutions, waste management/circular economy initiatives, industry-oriented problem solving, and community-oriented solutions.

Project Investigator and Faculty Mentor

Each registered project should have one student as the principal investigator/presenter. A faculty member may act as Guide/Mentor. The student participant should have sufficient knowledge of the project to independently explain the problem, objectives, methodology, results, innovation, applications and conclusion.

Evaluation Criteria

S. No.	Evaluation Criterion	Marks
1	Originality / Innovation	20
2	Significance / Applicability	10
3	Depth and Clarity	20
4	Research Design and Methodology	10
5	Social Impact	10
6	Organization and Presentation Skill	20
7	Responses to questions	10
	Total	100

Poster Guidelines

Every participant should prepare a research poster of size 1 m × 1 m. The poster may be flex-printed or hand-drawn.

Suggested poster structure: Title; Background/Introduction; Problem Statement; Objectives; Methodology; Results/Findings; Innovation/Novelty; Applications; Conclusion; Future Scope; References.

Identity of Participant

To maintain impartial evaluation, the participant should not disclose his/her identity on the poster. The following should not be displayed on the competition poster: student name, institute name, university name, institute/university logo, or any other identifying information, wherever anonymous evaluation is adopted.

Working Model / Prototype

Participants presenting a working or static model should indicate their requirements at the time of registration, such as electrical power, water supply, table/display space or other essential facilities. The participant shall bring the required components/materials for demonstration and shall follow all safety instructions.

Presentation and Interaction with Evaluators

Participants must be prepared to explain their project before the expert panel. The presentation should clearly establish: Why? – problem addressed; What? – proposed research/solution; How? – methodology;

What is new? – innovation; What was achieved? – results; Where can it be used? – applications and future scope. The participant should be prepared to answer questions from the evaluators.

Originality and Research Ethics

The project should represent original work. Plagiarism shall be avoided. Research data should be authentic and results should not be fabricated or manipulated. Sources and references should be appropriately acknowledged. Necessary ethical permissions/approvals should be obtained wherever applicable.

Institutional Avishkar Coordinator

The Institutional Avishkar Coordinator (IAC) shall disseminate information, encourage participation, coordinate registration, communicate with the University Avishkar Coordinator, facilitate participation, coordinate logistical requirements and assist students with poster/model/presentation requirements.

University-Level Evaluation

All eligible registered participants will present their projects at the Warana University Level Avishkar. Projects will be evaluated by expert panels constituted by Warana University. The decision of the evaluation panel shall be final, subject to university rules.

Awards and Recognition

Warana University may provide First and Second Prizes, certificates to participants, recognition for outstanding projects, and certificates/recognition for faculty mentors, as decided by the University. Presentation of a poster of size 1 m × 1 m at the State Level Avishkar shall be mandatory for each selected participant. Only participants belonging to the UG, PG, and PPG categories shall be eligible to participate in the State Level Avishkar. For each selected project, only the Principal Investigator registered for the University Level Avishkar shall be permitted to represent the project at the State Level Avishkar.

Important Instructions

Participants shall carry a valid student Identity Card, report as per the schedule, bring the required poster/model/materials, follow instructions of the organizing committee, maintain professional conduct and be present throughout the evaluation process. Use of unsafe materials, hazardous demonstrations or prohibited articles is not permitted. Any special demonstration requiring safety approval must be declared in advance and approved by the organizing committee. Participants are required to comply with all instructions issued by Warana University in connection with the competition.

Registration

Registration shall be made through the prescribed University registration process within the announced deadline. The registration notice will specify the required project title, discipline, participation category, abstract/project summary, mentor details and other information/documents to be submitted.