

Research & Research Promotion Policy



Dr. Babasaheb Ambedkar Technological University

Lonere 402 103, Dist- Raigad,

Maharashtra, INDIA

S. M. Pare
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Dean (R&D)

[Signature]
REGISTRAR
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LONERE 402 103.
Tal Mangaon, Dist. Raigad, (Maharashtra)

Research Policy

Statement of Research Policy

National Education Policy (NEP) 2020 strongly desires promotion of quality research within Domain of Higher Education. Research, innovation and development are important aspects to enhance quality education by the Higher Education Institutions (HEIs). Techno-societal challenges of our country can only be addressed by having a output of higher education committed to fulfilment of industry needs. Special insistence on research, innovation and technology development shall be part of curriculum in higher education. The integration of Research, Innovation and Technology Development is the foundation of Atma-Nirbhar Bharat (Self-reliant India). Coordination and maintenance of standards in teaching and research is statutory responsibility of University. While maintaining certain standards, it is equally important to provide framework of the conducive environment which leads to consistent elevation of those standards. With these expectations DBATU research policy aims at as under.

Objectives of the Research Policy

- ❖ To provide conducive ecosystem for fostering research culture
- ❖ To provide framework of rules, procedures and guidelines for conducting research activities and promotion of research and development;
- ❖ To establish rational, merit-based, transparent decision-making system for allocation of financial resources and other support systems
- ❖ To motivate faculty members for quality and need-based research
- ❖ To coordinate UG, PG and doctoral level research with industrial needs and main stream areas
- ❖ To provide support for consultancy, collaboration and outreach (Extension) activities to enhance the research culture

- ❖ Identifying and informing researchers about the appropriate research opportunities announced by different academic, research, industry or government organizations
- ❖ Promoting interdisciplinary research and establishing modalities for preparing and undertaking joint research projects covering more than one knowledge domain as well as policies for involving external agencies/experts in such projects

Strategic Planning

In order to achieve the set objectives, it is necessary to identify the activities and action plan to perform the same. Broadly, it need to be accepted that, hunting for opportunities of research and associated grants, submission of quality proposals, readiness to execute the project are key parameters of the process in research. University will make all necessary efforts for:

- 1) Strengthening the institutional capacity for strategic, technical and operational planning, budgeting and control of all research activities of the University
- 2) Creating and administer a research fund for supporting and facilitating research initiatives and projects of faculty members and students
- 3) Developing rules, procedures and guidelines for granting research support, instituting awards, and supporting all other related activities
- 4) Developing rules, procedures and guidelines for granting study leave, sabbatical leave, duty leave, reduction in workload, etc. for faculty members undertaking research activities
- 5) Providing a modality of for proper coordination of all research activities of the University and aligning these to the vision and missions of the University and national development goals.
- 6) Preparing and updating the research agenda of the University outlining the preferred focus areas and priorities of research activities to be supported
- 7) Guide faculty members in the effective integration research projects with the regular curriculum implementation and curriculum enrichment activities
- 8) Identifying and informing researchers about the appropriate research opportunities announced by different academic, research, industry or government organizations

- 9) Promoting interdisciplinary research and establishing modalities for preparing and undertaking joint research projects covering more than one knowledge domain as well as policies for involving external agencies/experts in such projects
- 10) Enabling framework for researchers to obtain sponsorships for research projects and which makes the participating researchers responsible for the successful implementation of the project
- 11) Developing and promoting linkages with the Research Council of the University of Delhi and enable all the researchers of the University to benefit from the activities and programs of the council
- 12) Identifying and establishing linkages including MOU s for long term relationships with national and international research organizations for widening the scope of research opportunities and funding options available to the teachers and students of the University.
- 13) Identifying and establishing linkages including MOU s for long term relationships with industry bodies and individual companies for creating opportunities for teachers and students of the University to involve themselves in real life research projects and obtaining sponsorships
- 14) Encouraging and facilitating the publication of the research work/projects in reputed academic journal
- 15) Encouraging and facilitating the presentation/communication of the research work/projects as well as their findings and recommendations through academic events such as workshops/seminars/guest lectures or the media
- 16) Compiling data on all the research work/projects undertaken by the teachers and students in to a database for easy monitoring and analysis of the progress being made by them from year to year
- 17) Providing mechanism to ensure that academic staff attain the desired mix of teaching, research and consultancy outputs so as to achieve the level stated in the University mission;
- 18) Adopting research code, which informs all researchers about the ethical and legal norms and principles to be followed in the conduct of research
- 19) Preparing and implementing research quality assurance mechanism for ensuring that all research activities of the University conform to standard quality specifications

- 20) Developing and administering rules and procedures to ensure the compliance of all researchers to the research quality assurance framework, the research code and all the applicable rules and regulations.

Research Misconduct

Research misconduct is defined as any fabrication, falsification or plagiarism in proposing, performing or reviewing research or in the reporting results of research. Research misconduct does not include an honest error or difference of opinion, authorship dispute that do not involve plagiarism, and violations of other policies. The University believes that the occurrence of misconduct is a threat to the basic principles of research. The University shall put in place a mechanism for taking action on all allegations of misconduct, and shall ensure that the procedures for the inquiry, investigation and adjudication of any misconduct are well defined and just for all parties involved.

Research and Development Cell

Extent and Applicability: This shall apply to all the researchers and to all the research related activities of the University. The term 'researchers' are defined to include:

- a) All staff, permanent, probationary and Adjunct, who are active in teaching, research, administration, and provision of any form of support to the core functions of University;
- b) All students registered with the University;
- c) All mentors, guides, external experts, and sponsors associated with any of the research activities of the University;
- d) All academic and administrative departments of the University.

Research activities shall be mentored, monitored and administered by Research and Development Cell (RDC) of the University. Organizational structure of RDC comprising of various committees for specified functions shall be as under

- 1) Vice Chancellor as Chairman
- 2) Dean (R&D) as Convenor
- 3) Chairman of Committee for Finance and Infrastructure as member
- 4) Chairman of Committee for Research Program and Policy Development as member
- 5) Chairman of Committee for Collaboration and Community as member

- 6) Chairman of Committee for Product Development monitoring and Commercialization as member
- 7) Chairman of Committee for IPR, Legal and Ethical Matters as member
- 8) CEO of Incubation Center as member
- 9) University Faculties holding charge of research project sponsored by DST, AICTE, UGC, CSIR, ICSSR or such organizations as members (max. 05)

Dean (R &D) shall propose formation of committees as in (3) to (7) above for approval by Vice Chancellor

Components of R & D

Research at DBATU shall be carried out under 3 major components: (i) University sponsored research, (ii) Research programs, and (iii) Externally funded projects.

- 1) **University Sponsored research:** University promotes the research at individual faculty level or group of faculty at the department or inter-department research. University seeks to strengthen research and innovation activities by motivating faculty members and students who may not get external funding in the beginning of their research career. The Seed money scheme and grants offered by the University will enable an early start of research work until sponsored projects from outside agencies are secured by the faculty. The details of these are provided under initiations to promote research.
- 2) **Research programs:** The University schools/departments / Research Centers can offer research programs. There can be multiple areas of research pertaining to the disciplines based on the faculty expertise available in the department. These centers will also focus on offering of formal PG and PhD Programs with due concurrence of University Rules. They will also contribute towards imparting research experience for UG students via programs like Research Experience for Undergraduates (REU).
- 3) **External Funded projects:** University promotes faculty to explore funding sources by DST, AICTE, UGC, CSIR or such organizations or industry sponsored projects.

Projects of GoI such as Research in Janjati areas, research for tribal development require blending of social science with technology and problem-solving approach. University will encourage participation in such projects.

Challenges in grooming R & D Culture

As an affiliating State Technological University, DBATU need to groom proper R&D culture in its affiliated institutes. Many institutes do not have mandatory research goals for individual faculty, and most do not have adequate systems or infrastructure to support quality research. The lack of an encouraging academic environment, ill-equipped libraries, inadequate labs and equipment, poor infrastructure, lack of funds, faculty crunch, etc. are some of the factors contributing to the depressing picture of research in a typical Indian academic institution. Research initiatives are necessary to address following challenges:

- 1) Lack of Synergy in research initiative
- 2) Lack of visibility and ability to attract funding
- 3) Lack of experience to handle funded projects
- 4) No tradition of research and attitude for development
- 5) Inadequate support facilities
- 6) No reward for research

Interaction among world-class universities entails international student mobility, faculty exchanges, research, and teaching programs that require a globally competent academic labor force.

In order to address above, it is necessary to implement steps for promotion of research through a policy and a synchronized action plan.

Research Promotion Policy

Research promotion policy of university aims to foster and sustain excellence an leadership in Research and Innovation. Faculty, students and grooming researchers need to be encouraged to break new ground in research and achieve first of a kind impact in technological applications / designs / formulation of new public policies / institutional capabilities. Students will be encouraged to learn about the world through hands on practical problem-solving projects in collaboration with fellow student in other department and with our faculty as supervisors / mentors. Faculty and students shall be encouraged to involve in interdisciplinary / multi-disciplinary / translational research in finding scientific and technological solutions to ground challenges.

University desires to build strong and robust research and innovation ecosystem through definite objectives as under.

- 1) To nurture an environment of undertaking socially useful and / or industry needed research with potential for commercialization.
- 2) To establish Research centers within University with potential for excellence.
- 3) To forge interdisciplinary collaborations and partnerships nationally and globally.
- 4) To motivate faculty members for publication of quality research work with ethics and integrity.
- 5) To continuously monitor the research outputs for anticipated deliverables
- 6) To design an excellent research environment and infrastructure which helps effective integration of teaching and research,
- 7) To foster inter, multi and transdisciplinary research.
- 8) To publish papers in journals of international repute, file patents and transfer technologies to relevant industries
- 9) To foster socially relevant research aligned to human values and scholarship
- 10) To network with larger community; viz. industries, universities, and other institutions of higher learning.

Incentives

In order to achieve the objectives as above, it is necessary to provide appropriate incentives to well performing faculty members, research scholars and students. Broadly the incentives are provided in following form.

- 1) Providing generous seed funding to establish research facilities and laboratories
- 2) Providing international travel grant to faculty and students to enable them to participate and present papers in International Conferences providing large funding in the selected emerging technologies to group of active faculty members
- 3) Provide funding for start-ups to students and faculty members
- 4) To incentivize the generation of intellectual capital,
- 5) To recognize researchers on their research achievements by a research award.
- 6) To encourage the faculty members for creating, protecting and leveraging Intellectual Property Rights.

- 7) Annual Best Teacher Award in each faculty shall be awarded according to parameters judged by committee constituted by the Research Board. The award shall include a certificate and a cash prize as rewarded by the committee and approved by the Research Board.
- 8) Incentives for Research projects, publications and research related activities. Research Paper / Article published in any SCI/SCOPUS Indexed journal need particular appreciation.
- 9) Financial Support for Participation in Seminar, Conference, Workshop, FDP, Journal Publications which include support for registration, travel, accommodation and food if not provided by organizers.


SMP



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(MAHARASHTRA)
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PURCHASE ORDER

To
M/s Kaushal Medicare Systems,
Reg.Off. 404, Mercy Heighrs,
Next to don bosco, Manvelpada
Road, Virar
Palghar – 401 305

Order No: DBATU/Store/Comp.Engg/EEG
Machine/2022 /478
Date :

26 MAR. 2022

Ref.

- 1) Approval of DPC
- 2) Administrative & Financial Approval
No : 379
Date : 26/07/2021
- 3) Quotation Enquiry No :
DBATU/Store/Comp.Engg/EEG
Machine/2021/2411
Dated : 20-12-2021
- 4) Approval of CPC meeting held on
Date : 15/03/2022
- 5) Approval of Technical Committee
Date : 02/03/2022
- 6) Proprietary article certificate
- 7) Authorisation letter from emotive

Sub: - Supply of EEG Machine

With reference to your quotation dated 24/12/2021, we are pleased to release this purchase order for the supply of stores, under the provision of terms and conditions specified herein. Please confirm acceptance of order.

Sr.No	Accepted Specification /Description	Qty.	Unit Price Rs.	Total Cost Rs.
01	EEG Machine Make : Emotive Detailed as mentioned overleaf.	----	----	----
Grand Total Rs. Four Lakh Fifty Thousand only.				450000.00

Terms & Conditions

- (01) **Payment:** Within 30 day after full and satisfactory supply and testing of machine by RTG/Netbanking
- (02) **Freight:** Nil/Consinee's place
- (03) **Octroi:** not applicable at this place
- (04) **Insurance:** At the cost of supplier
- (05) **Discount:** - Rs. 50,000 Included
- (06) **L/D.** Clause will be applicable if goods are not supplied within stipulated period.

- (07) **Excise Duty:** - Nil
- (08) **GST:** Included
- (09) **Security Deposit :-** 2%
- (10) **Packing & Forwarding:-** Nil
- (11) **Delivery Date:** 4-6 Weeks
- (12) **Other Charges:** Nil
- (13) **Warranty:** 2 Years software
Licence certificate,
2 Years against any
manufacturing effect
(Certificate of warranty
required)

OFFICER TO BE CONTACTED: - Dr. L. D. Netak
CONSIGNEE – The Registrar

Nearest goods Transport Office – Roha & Mahad, Dist. Raigad
Nearest ST parcel Office – Goregaon & Mangaon, Dist. Raigad

REGISTRAR

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Lonere – 402103

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Tal Mangaon, Dist. Raigad, (Maharashtra)

- Copy: 1) Finance Section
2) Comp. Engg. Dept.
3) Procurement & e-tender / Store





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University, Lonere - 402
103
Tal. Mangaon, Dist.
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(MAHARASHTRA)
Phone : 02140-275142
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PURCHASE ORDER

To
M/s.
Motras Scientific
Instruments Pvt. Ltd,
Plot No. 175, Sector 7, IMT
Manesar, Gurugram,
Haryana, 122050
TEL:0124-4296304
Cell No:
9810018049/9350318931
Email: info@motras.in
GST: 06AAJCM9377L1ZO

Order No: DBATU/Store/ Petrochem/UGC /UVS/
2022/ 487

Date: 29/03/2022
Ref.

- 1) Approval by the DPC meeting held on 02/07/2021.
- 2) Administrative and financial approval No: 389 Date: 26/07/2021.
- 3) e - Tender Notice No: DBATU/StorePne / 2021 - 22 / 02, Date: 07/10/2021.
- 4) TenderID:2021_DBATU_726459_1
- 5) Approval from technical committee Dated on 02/03/2022.
- 6) Approval by the CPC meeting held on 15/03/2022.

Sub: - Supply of UV Spectrophotometer (Double Beam)

With reference to your Tender No. DBATU/UGC-9/UV Spectrophotometer (Double Beam)/2021/1 dated 07/10/2021, we are pleased to release this purchase order for the supply of stores, under the provision of terms and conditions specified herein. Please confirm acceptance of order.

Sr.No.	Accepted Specification /Description	Qty.	Unit Price Rs.	Total Cost Rs.
1.	UV Spectrophotometer (Double Beam) Detailed specifications are as per overleaf			
In words:Rs Three Lakhs Sixty One Thousand and Eighty Only.				361080/-

Terms & Conditions

- (O1) **Payment:** Within 30 days after full and satisfactory supply of goods by RTGS/Net banking.
- (O2) **Freight:** Nil / Consignee's Place
- (O3) **Octroi:** Not Applicable at this place
- (O4) **Insurance:** At the cost of supplier.
- (O5) **Discount:** Nil
- (O6) **L/D.** Clause will be applicable if goods are not supplied within stipulated period.

- (O7) **Excise Duty:** - Nil
- (O8) **GST:** Included as shown.
- (O9) **Security Deposit:** - 2% amount of basic price.
- (O10) **Packing & Forwarding:** - Nil
- (O11) **Delivery Date:** One month after PO.
- (O12) **Warranty:** one year
(Certificate of Onsite warranty required)
- (O13) **Installation & Training:** Free

OFFICER WHOM TO BE CONTACTED: -Dr. S. S. Metkar
CONSIGNEE - The Registrar

Nearest goods Transport Office - Roha & Mahad, Dist. Raigad
Nearest ST parcel Office - Goregaon & Mangaon, Dist. Raigad

- Copy: 1) Finance Section
2) Store Section
3) Petrochemical Engineering Department

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Head,
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