



# UGC-STRIDE(I) Funded

## National Conference on Recent Trends in Transdisciplinary Research for Socio-economical Development of India

29<sup>th</sup>-30<sup>th</sup> December 2020

Online

Organized by



### Innovation Center

#### Bundelkhand University

is intended to support quality research and inculcate research thirst among the budding researchers of Basic and Applied Sciences. In 06 years of its very short life span (estd. 2014), the Centre has developed a distinct image in providing the research support to the researchers of different Universities and research bodies in their doctoral research and carrying out research projects funded by various govt. funding agencies like DST, DBT, UGC, etc. The

Centre is equipped with advanced research facilities as GC-MS, X-RD, Digital Imaging System, Ultra Centrifuge, 2D Gel Electrophoresis Unit, Inverted Microscope, Particle Quantity Analysis System, etc. which makes this Centre a major research hub and an unmatched facility in the state Universities.



## The UGC funded Research Capacity Building and Human Resource Development Program

Scheme for Trans-disciplinary Research for India's Developing Economy (STRIDE) aims to promote an innovative culture for trans-disciplinary research in Universities and Colleges. The main objectives of STRIDE are to identify young talent, strengthen research culture, build capacity, promote innovation, and support trans-disciplinary research relevant to national development. Component-I is intended to identify motivated young talents with research and innovation aptitude. It facilitates the research capacity building in diverse disciplines by mentoring, nurturing, and supporting young talents to innovate pragmatic solutions for local, regional, national, and global problems.



SCHEME FOR TRANS-DISCIPLINARY RESEARCH FOR INDIA'S DEVELOPING ECONOMY



### Bundelkhand University STRIDE Programme

The program is aimed to promote creation of new knowledge, inculcate innovative and cognitive thinking, and improve the quality of research. Program encompasses four modules for empowering the participants to be creative, critically think, collaborate, and communicate their research findings as a motivated researcher. It is a 06-month long research training program for complete grooming of future researchers. The participants are trained in a research-friendly conducive environment for doing the socially relevant Interdisciplinary & Transdisciplinary research.

Register through

<https://forms.gle/yurH3LWyuULphJS39>

on or before 20th December 2020

Open for first 100 entries only

Registration fee-Rs. 100/participant  
(payable by non-STRIDE participants only)

*Selected full-length papers will be published in a Web of Science/Scopus indexed International Research Journal.*

## Patron



Prof. JV Vaishampayan  
Hon'ble Vice-Chancellor  
Bundelkhand University,  
Jhansi

## Convener



Prof. MM Singh  
Dean, Faculty of Science

## Coordinator



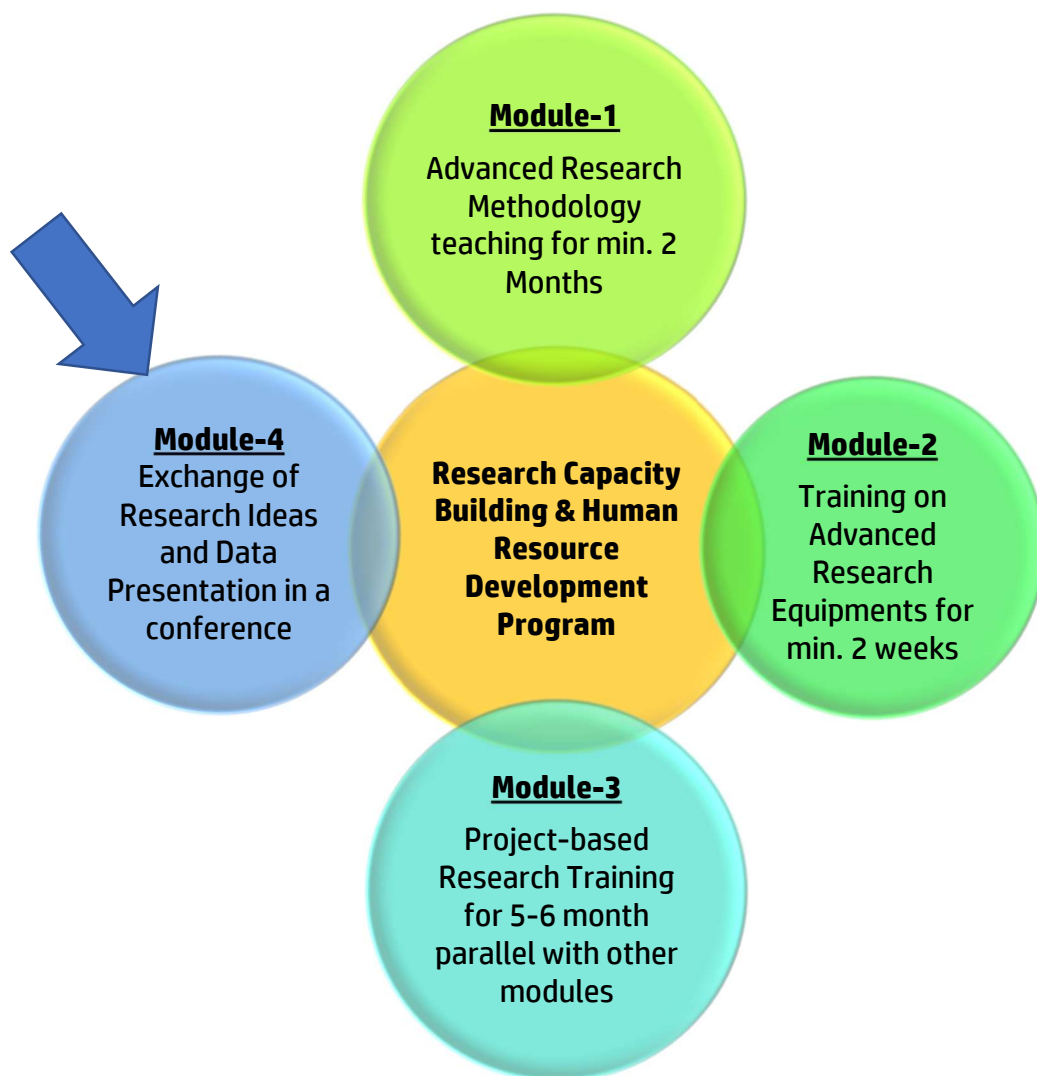
Dr. Lavkush Dwivedi  
Dept. of Biomedical  
Sciences



## The STRIDE Program module-4 conference

**Organized for giving  
greater exposure and  
developing the paper  
writing and presentation  
skill in STRIDE participants**

### Components of our Program



## The Transdisciplinary Research

- A collaborative scientific research, beyond the boundaries of allied sciences.
- A diverse set of disciplines engaged in an integrative, convergent, mutual learning process.
- A method-driven scientific principle aiming at the solution or transition of societal problems.
- Specific methods for relating knowledge in problem-solving

## Why Needed?

- To solve complex challenges which affect large sectors of society.
- For the development of a two-way dialogue between science and society.
- To develop additional skills and knowledge in researchers beyond their technical expertise.



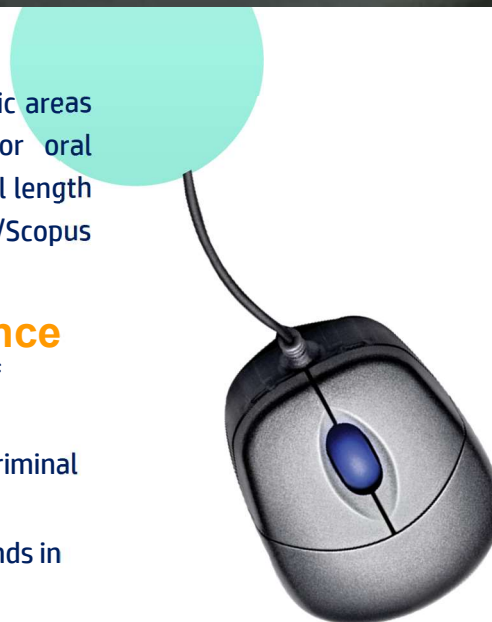
## Time for Transdisciplinary Research

### Oral Presentations:

Abstracts of technical paper related to the thematic areas (given below) of the conference are invited for oral presentations. Selected papers will be called for full length manuscripts for publication in Web of Science/Scopus Journal.

### Thematic Areas of the Conference

1. Agricultural approaches for the development of Bundelkhand farmers
2. Mechano-forensic approaches for assisting in criminal justice.
3. Scientific evaluation of phytochemical compounds in local medicinal plants.
4. Pharma-Geo-Chemical approaches for enhancing the efficacy of drug, delivery system, and others.
5. Scientific evaluation of various physiological conditions as hypoxic stress, desiccation, fasting on organisms' longevity.



### Instructions for Abstract Submission

Please submit a document file of your abstract at  
<https://forms.gle/yurH3LWyuULphJS39>  
neatly typed in Arial (12 pt) font type with 1.5 line spacing, limited to 250 words only.

**Contact for queries, if any**  
**Mr. Rohit Peardon-7080324800**

Innovation Centre  
Bundelkhand University Campus,  
Jhansi-284128, UP, India  
Email- [stride.bu@gmail.com](mailto:stride.bu@gmail.com)





**National Conference on Recent Trends in  
Transdisciplinary Research for Socio-economical  
Development of India (29<sup>th</sup>-30<sup>th</sup> December 2020)  
A UGC-STRIDE (Component-I) Funded Program**

**Innovation Centre, Bundelkhand University, Jhansi**

**Registration Form**

*( to be used for Reg. fee submission at University Cash Counter)*

**You may register online through <https://forms.gle/yurH3LWyuULphJS39>**

1. Name of the Candidate:.....
2. Department/Institute:.....
3. Paper Title:.....

4. Submitted for consideration under (Tick in appropriate box)

<input type="checkbox"/>	Agricultural approaches for the development of Bundelkhand farmers.
<input type="checkbox"/>	Mechano-forensic approaches for assisting in criminal justice.
<input type="checkbox"/>	Scientific evaluation of phytochemical compounds in local medicinal plants.
<input type="checkbox"/>	Pharma-Geo-Chemical approaches for enhancing the efficacy of drug, delivery system, and others.
<input type="checkbox"/>	Scientific evaluation of various physiological conditions as hypoxic stress, desiccation, fasting on organisms' longevity.

5. Contact detail of User: Mob.....e-Mail:.....

Payment detail		
B U Cash Counter Receipt no.	Date	Amount Paid @Rs. 100/- per participant

6. *The above submitted work is my original research work. I submit my consent for paying journal processing fee about 2500 (payable by Non-STRIDE Participants only) in case my full length paper is accepted for publication.*

Date:

Name & Signature of the Candidate

**Applicable for Non-STRIDE Participants only**

We have received the abovesaid research paper of Mr./Ms/Dr.....from.....for consideration in the upcoming conference. Since, he/she is a Non-STRIDE participant therefore in accordance to the approval of Hon'ble VC dated 28/11/2020 pls. deposit **Rs. 100/- (One Hundred Only)** as token registration fee of the conference.

Coordinator  
UGC-STRIDE Program