

Nurturing Researcher-Pro Mindset in Self

“Research and Surge OR Rust and Lurch” – Dr. Deepak Waikar & Prof. Krishna Vedula

Rationale:

Are you finding it very challenging to **start your research journey** as you have been extremely busy in teaching, assessment, administration, and ever exponentially increasing workload?

Are your research abstracts, research papers, Masters/Ph.D. research, and/or project proposals **not getting accepted** or not finding traction in this highly competitive environment?

Are you at the crossroads and feeling **trapped in the vicious whirlpool** and looking for coaching, guidance, and mentorship to come out of it?

You may be aware that research is one of the very important parameters in various national (NAAC, NBA, NIRF) and international accreditation systems. Therefore, the Education Ministry, Education Regulation Authorities (UGC, AICTE), Colleges, Institutions, and Universities have included research as one of the key components in the faculty appraisal system.

The National Education Policy 2020 has also emphasised the critical value of the research and scholarly work and accordingly given higher weightage in the higher education system.

The IUCEE India Foundation and the EduEnergy, Singapore have designed a special International Research Development Programme to prepare postgraduate students, researchers, and faculty members overcome above mentioned and related challenges.

Programme Objectives:

At the end of the specially designed the International Professional Research Development Programme (I-PRDP), participants should have;

- **Resolved** Basic versus Applied Research Dilemma
- **Explored** Depth and Breadth of Research **Domain**
- **Rediscovered** salient features of a Professional Research **Mindset**
- **Learned to Leverage** on Technology
- **Strengthened** Independent, Collaborative, and Topical research
- **Infused** Artistic features in Research e-Posters
- **Identified** key elements of a typical Research Articles and proposals.

Who can benefit from the programme?

- Postgraduate students, Recent Graduates, Researchers, Faculty Members, and those interested in becoming a professional researcher for transforming their career.

Outline of the Programme

- **Basic** versus **Applied** Research Dilemma
- Attributes of a Researcher-Pro Mindset
- **Artist’s** impression of a Researcher-Pro Mindset
- **Crafting** of Research-Pro **Persona**
- **Identify** Core Research Domain of interest
- Set **Smart** Research Goals and Objectives
- **Design** a professional research project e-poster
- **Draft** an outline of a typical research article
- **Presentation** of e-poster by participants
- Group **Coaching** and **Mentorship**

Mode of Delivery:

Virtual / Online and Canvas LMS

Duration: 15 Hours (1.5 hours per week)

Saturdays, Starting from 24 July 2021

Time: 7 pm to 8.30 pm (IST).

Proposed Participation Fee:

Rs. 1,500 plus GST (Taxes) per participant of the IUCEE Consortium Member Colleges.

Rs. 3,500 plus GST (Taxes) per participant for others.

Programme Designer & Chief Facilitator:

Dr. Deepak L. Waikar (Managing Partner, EduEnergy, Singapore) has been involved in teaching, research & management for almost three decades. He started his professional career as an Assistant Director at the National Power Engineers Training



Institute in India after his post-graduation from the Institute of Technology, Banaras Hindu University in India. He has authored/co-authored book chapters, research articles, and policy papers on power, energy, management, and education related topics. He has served on various committees in **professional** bodies such as **Chairman** of the Institute of Electrical & Electronic Engineers (IEEE) Power & Energy Society (PES) Chapter, Singapore. He is a recipient of IEEE-PES **Outstanding Power Engineers' Award** 2003. Dr. Waikar has been associated with **Singapore Certified Energy Manager's** programme for more than a decade.

Dr. Waikar has been a member of the International Advisory Committee for Conferences, Seminars, and Symposiums. He has delivered invited presentations on power, energy, education, management & leadership related topics at the international conferences, seminars, and forums in North America, Europe, Australia, New Zealand, and Asia.

Dr. Waikar has conducted several student, faculty, and management development programmes on various topics such as Sustainable & Clean Energy, Designing & Managing Innovative Research and Development projects, Strategies for Infusing Blended Learning, Rethinking Teaching and Learning, Trainopreneurship and Transforming Higher Education.

He has been offering advisory and consultancy services through EduEnergy, Singapore, and Tacstra Solutions, Singapore for the past seven years.

He has been associated with the premier institutions, polytechnics, colleges, and academies in India and Singapore as well as with British and Australian Universities offering courses in Singapore.

Dr. Waikar is a Senior Member of IEEE USA, a Life Member of the Institution of Engineers, India, and a Member of Advisory Committee for IUCEE with **Ph.D.** from the National University of **Singapore**, **M.S.** from the University of Saskatchewan, **Canada**, M.Tech. from the Banaras Hindu University, **India** & PD Advanced Certificate in University Teaching from the University of Newcastle, **Australia**.

He obtained PG-DBM from the **Nagpur** University & B.E. from the **Government Engineering College** Aurangabad in **India**, respectively. His interests include **Sustainable Energy Leadership** Development, **Re-thinking** Teaching, Learning & Academic **Leadership**, Re-inventing & **Transforming** Education, **Innovative Project Design** & Management, Restructuring & Redesigning of Curriculum, and Sustainable Development. (e-mail:

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Note:

1. *No part of the International Professional Research Development Programme proposal can be copied or reproduced without explicit permission from Dr. Deepak Waikar and Prof. Krishna Vedula*
2. *Final Programme schedule may vary depending on availability and public holidays.*
3. *Participants are expected to carry out research for their assignments and presentations on regular basis as per the guidelines.*