



# A.V. College of Arts, Science, & Commerce

(Affiliated to Osmania University)

Domalguda, Hyderabad

## International Council for Education Research and Training

(ICERT), USA and India

Jointly organizing International Professional Development Program

### International Faculty Development Program

One Week International Inter/ Multidisciplinary Faculty Development Program

### “Integration of Indigenous Knowledge & Practices in Science Education”

Mode: Online, Time: 5:30 pm to 7:30 pm (Indian Standard Time)

**Date: Jan 17 to Jan 22, 2025**

This FDP is as per UGC India, Norms and Guidelines for Career Advancement Scheme (CAS)

Course curriculum with integration of hands-on activities and assignments.

We invite faculty members from colleges, universities, schools, and research scholars to register and participate in this program.

Content to be covered:

Date	Session	Topics/ Sub-themes	
Jan 17	Session 1 & 2	Inauguration, introductory lecture and keynote lecture	Connecting Indigenous Knowledge to Science
Jan 18	Session 3 & 4	Historical Significance of Alchemy in Ancient India	Phytochemical Methods for Extracting Bioactive Compounds
Jan 20	Session 5 & 6	Reviving Ancient Indian Practices for Soil Fertility and Pest Management	From Tradition to Innovation: A New Era of Science Education Inspired by Heritage
Jan 21	Session 7 & 8	Indigenous Climate Resilience Strategies	The Potential of India's Indigenous Heritage in Science Education
Jan 22	Session 9 & 10	Traditional Water Management Systems like Stepwells and Tanks	Declaration of Active Participants and Valedictory

Guidelines:

1. The program is open for all educators from different disciplines, research scholars, prospective educators, B.Ed. & M.Ed. students, PG Researchers/ students, and doctoral students.

2. A minimum 85% attendance on all days is mandatory to qualify for the certificate of completion
3. Keep ready your institutional identity, working email and mobile number before proceeding for online registration. If identity card is not available, upload appointment letter or certificate/ letter from head of the institution.
4. A certificate of FDP Completion with Assessment will be issued to eligible/ qualifying candidates.
5. Attendance will be recorded by zoom, all day's active participants will get an additional appreciation certificate for active participation as per the feedback report of resource persons and program coordinator.
6. Fees once deposited will be non-refundable.
7. Fee needs to be submitted after getting a confirmation email from ICERT official email: [pdp@icert.org.in](mailto:pdp@icert.org.in)
8. All participants are expected to complete activity assignments during the course duration. The assignments may involve a mix of presentations, MCQ quizzes, Self-reflection reports etc.

**Registration Link: <https://forms.gle/hiB91AFN9M9s2Nry7>**

Fee: Rs. 1000/-

### **Organizing Committee**

**Chief Patron:** Prof K. Ramachandra Reddy, Vice-President, AV Education Society, Hyderabad, Telangana, India

Dr. K.Gautami, Correspondent, AV Education Society, Hyderabad, Telangana, India

**Patron:** Prof. (Dr.) Aruna Anchal, Executive Director, Research and Publication Unit ICERT, Dean & Head, Faculty of Education, Baba Mastnath University Rohtak India

Dr. Ch.Rajalingam, Principal, AV College of Arts, Science & Commerce, Domalguda, Hyderabad, Telangana, India

Dr. P. Padma, Vice Principal, A.V. College of Arts, Science & Commerce Domalguda, Hyderabad, Telangana, India

#### **Chairperson, FDP:**

**Convenor:** Dr. A. Jagan Mohan Reddy, Assistant professor, Head, Department of Chemistry, A.V.College of Arts, Science and Commerce, Gaganmagal, Hyderabad, Telangana, India

**Organizing Secretary:** Ms. G. Sudha Rani, Assistant professor, Department of Chemistry, A.V.College of Arts, Science and Commerce, Gaganmagal, Hyderabad, Telangana, India

Dr. B. Anjaiah, Assistant professor, Department of Chemistry, A.V.College of Arts, Science and Commerce, Gaganmagal, Hyderabad, Telangana, India

#### **Advisory Committee**

Ms. A. Manjula, Academic Coordinator, A.V.College of Arts, Science and Commerce,  
Gaganmagal, Hyderabad, Telangana, India

Ms M.Vidyulatha, IQAC Coordinator, HOD, English, A.V. College of Arts, Science &  
Commerce Domalguda, Hyderabad, Telangana, India

**For any query or information please write us at [pdp@icert.org.in](mailto:pdp@icert.org.in)**

Contact & What's app Helpline

+91 9811077122, +91 9911041115, +1 (814) 384-5976

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### **About The College**

A.V. College was established in 1968 as a composite college offering plus two and UG courses. It grew to occupy the status of a multidimensional institution with PG courses. The PG courses were first offered in the year 1991. K.V. Ranga Reddy Law College was set up in the same year. The Management of the College has been stewarded by great luminaries like the late Justice K. Madhava Reddy, former Chief Justice of High Courts of Andhrapradesh and Maharashtra. The present Management Committee consists of Justice A.Abhishek Reddy, Telangana High Court, as the President, Prof. K. Ramchandra Reddy, an eminent Professor of Psychology, as the Vice-President, Sri V. Atchyut Prasad Reddy as the Secretary and Dr. K. Gautami, as the correspondent. The Magazine India Today has consecutively rated A.V. College is one of the best colleges in the twin cities of Hyderabad and Secunderabad. With a long and rewarding history of achievements behind us, our Society continues to move forward together with confidence, pride and enthusiasm and our Alumni with successful careers have proved how effective and operational our education system is, as our students have seized name and fame in every domain possible.

### **About ICERT**

International Council for Education, Research and Training is an autonomous leading professional research & training organization working in different countries under U.S. Federal Government, United Nations (UN), and Government of India. The council is an international professional body with several educators, researchers, consultants, and students as members. ICERT not only develops Educational Training Programs but also promotes research and training in education globally. This is an institution of learning and training facilitating education, research and social welfare initiatives. The Council functions under the overall supervision of the Core Committee ICERT, a committee of professionals from different domains constituted by the council members and all core committee members are the members of the council. The council has various statutory committees, divisions, which are advisory in nature. The recommendations of all the committees are placed for approval before the Core Committee of ICERT. With the motto: Knowledge, Wisdom and Prosperity we at ICERT are working with the mission to promote the advancement and application of scientific researches & knowledge to benefit society.