



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

(Affiliated to Osmania University)

Domalguda, Hyderabad, Telangana India

International Council for Education Research and Training

(ICERT)

USA and India

Jointly organizing International Professional Development Program

International Faculty Development Program

One Week International 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: Sep 15 to Sep 19, 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	
Sep 15	Session 1 & 2	Inauguration, introductory lecture and keynote lecture	Connecting Indigenous Knowledge to Science
Sep 16	Session 3 & 4	The Alchemist's Legacy: A Global Journey of Science, Spirituality, and Indigenous Knowledge	Ancient Wisdom, Modern Science: Bioprospecting from Folk Traditions to the Laboratory
Sep 17	Session 5 & 6	Roots of Resilience: Indigenous Wisdom for Modern Agriculture	From Tradition to Innovation: A New Era of Science Education Inspired by Heritage
Sep 18	Session 7 & 8	Indigenous Climate Resilience Strategies	Beyond the Textbook: Exploring Indigenous Innovations in Science Education
Sep 19	Session 9 & 10	Ancient Solutions for a Modern Crisis: The Global Legacy of Sustainable Water Management	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
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

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 &
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Haryana

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Haryana

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India

Nor Nazeranah Binti Omar Din, Programme Coordinator / Senior Lecturer, Nilai
University Nilai, Malaysia

Dr. Suresh Kumar, Associate Professor, Department of Physics, MMDU Mullana Haryana

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Uttarakhand University Dehradun, Uttarakhand India

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Dr. Sarojbala Thokchom, Assistant Professor, Department of Chemistry, South East
Manipur College, Komlathabi India

Dr Amos Olusola OGUNJOBI, Lecturer I, Science Education (Chemistry), Federal
University Oye Ekiti

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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.