



ALAGAPPA UNIVERSITY

Alagappapuram, Karaikudi - 630 003, Tamil Nadu, India.

(A State University Established by the Government of Tamil Nadu, Recognised by UGC)
[Accredited with A+ Grade by NAAC (CGPA: 3.64) in the Third Cycle]



Prof. G. Ravi, Ph.D., D.Sc.,
Vice-Chancellor

MESSAGE

I am happy to note that the Department of Education is organising a *Two-Day International Conference on EDUCATION-5.0: ENABLING ASPECTS AND TRAJECTORIES (EAT-5.0)* on 6th and 7th February 2025.

The theme of this conference, *Education 5.0*, is well-timed and very relevant. In a rapidly changing global landscape, the education sector must embrace innovative methodologies, advanced technologies, and learner-centric approaches to prepare future generations for facing emerging challenges. Education 5.0 embodies these ideals by seamlessly integrating human values, technological advancements and sustainability into the learning experience.

Alagappa University has always been at the forefront in fostering academic excellence and cutting-edge research. This international conference reflects our commitment to promoting scholarly discourse and global collaboration. It is my firm belief that the deliberations and outcomes of this event will make significant contributions to shaping the future of education and equipping educators and learners to thrive in the modern world.

I congratulate the Organizing Secretary and his team from the Department of Education for their dedicated efforts in organizing this important event. I also extend my appreciation to the distinguished speakers and researchers for their contributions to the conference.

I wish the conference a great success; and I look forward to the impactful insights and innovative ideas that will emerge from this academic gathering.

VICE-CHANCELLOR



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Dr. A. SENTHILRAJAN
Registrar

Date: 28.01.2025

Message

It is with pleasure that I write this message to the monograph of research papers presented at the *Two-Day International Conference on EDUCATION 5.0: ENABLING ASPECTS AND TRAJECTORIES (EAT-5.0)*, organized by the Department of Education, Alagappa University, Karaikudi on 6th&7th February 2025.

Education 5.0 represents a significant paradigm shift in the realm of teaching and learning, emphasizing the harmonious blend of human values, advanced technologies, and personalized approaches to education. This conference offers a unique platform for global experts, scholars, and practitioners to engage in meaningful discussions and share innovative perspectives on reshaping education for the future.

Alagappa University is dedicated to fostering academic excellence and promoting research initiatives that address contemporary challenges. This international conference aligns perfectly with our University's mission to contribute to the global knowledge economy and drive impactful change in education systems worldwide.

I appreciate the relentless efforts of Dr. R. Ramnath, Organizing Secretary, and the entire team from the Department of Education for conducting this significant academic event. Also I express my thanks to the key speakers, paper presenters and participants whose presence and contributions will undoubtedly enrich the conference discussions.

I am confident that the outcomes of this conference will inspire innovative practices, advance researches, and pave the way for meaningful transformations in the field of education.

I wish the conference a grand success!

Warm regards,

Registrar

REGISTRAR

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INTERNATIONAL CONFERENCE

“EDUCATION 5.0: ENABLING ASPECTS AND TRAJECTORIES”

Organized by Alagappa University, Karaikudi, Tamil Nadu, India

Alagappa University, renowned for its commitment to academic excellence and innovation, has taken a commendable initiative by organizing the international conference “*Education 5.0: Enabling Aspects and Trajectories.*” This forward-thinking event creates a positive and dynamic platform for researchers, educators, and students to come together, exchange ideas, and contribute to shaping the future of education.

Education is at the threshold of an unprecedented transformation. The concept of *Education 5.0*—powered by technology-driven learning environments, personalized pathways, and global collaboration—is not just a vision of tomorrow but a reality being forged today. By hosting this international conference, Alagappa University demonstrates its leadership in fostering innovation and collaboration to address critical issues in education while building a sustainable and inclusive future for learners worldwide.

This conference takes an interdisciplinary approach to explore the transformative impact of Education 5.0 on key educational sectors, including higher education, K-12 education, vocational training, and lifelong learning. It provides a unique opportunity to address global challenges, share innovative strategies, and ensure that education systems evolve to be not only technologically advanced but also equitable and accessible for all.

Alagappa University’s effort in organizing this international conference is a testament to its dedication to creating impactful opportunities for global dialogue. By bringing together thought leaders, educators, researchers, and students, the university is setting a benchmark for inclusive and forward-looking educational practices.

Thank you for joining us at Alagappa University, to be part of this groundbreaking conversation and drive the future of education forward. Together, let us redefine the way we teach, learn, and grow in the era of Education 5.0.



(ASSOC. PROF. DR AZNAN CHE AHMAD)
Quest International University,
Malaysia

Prof. Dr. J.R. Jawaharlal, M.Sc., M.A., M.Ed., M.Phil., Ph.D.

Founder Principal, Bright Riders School, Abu Dhabi, UAE,

Founder Chairman, Principals' Association, Western Region UAE.

Former DIRECTOR & ACADEMIC ADVISOR, Love Dale Residential School, Kerala.

Chairman, Jawa Altair International School

MESSAGE

Date: 27th January 2025



Dear Prof. Ramnath and the Conference Organizing Committee,

Belated Happy New Year 2025 and Pongal Greetings!

It is my great honor and privilege to be a part of the International Conference on "Education 5.0: Enabling Aspects and Trajectories (EAT-5.0)" organized by Alagappa University on February 6th and 7th, 2025. I extend my heartfelt congratulations to you and your dedicated team for orchestrating this remarkable event, which serves as a platform for intellectual exchange and global collaboration.

On seeing the brochure, I learnt that AI-based tutoring systems to online learning platforms that offer personalized pathways for students, the future of education is being shaped today. However, to realize its full potential, we must come together to address the challenges, share insights, and develop a unified vision that ensures education systems are not only technologically advanced but also inclusive, sustainable, and responsive to the needs of all learners, so to say, the committee took pains to invite internationally accredited speakers as guest speakers.

Conferences of this caliber are instrumental in shaping the future of research and innovation. In addition, the future of education from technological integration to the development of skills that prepare learners for a rapidly changing world. I am delighted to contribute to this esteemed gathering. Your unwavering commitment to academic excellence and the meticulous planning of this event are truly commendable.

I am confident that this conference will provide an excellent opportunity to engage with brilliant minds, exchange insights, and explore new horizons in 21st-century education. This initiative has the potential to inspire and empower the academic community to drive meaningful advancements.

I wish you and your team great success in making this conference a memorable and impactful one.

Warm regards,

J.R. Jawaharlal

Dr. Jawaharlal

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Former Professor and Head
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Prof. Dr. D. BRAHADEESWARAN

Certified Accreditor of Technical Education Institutions

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Ref: AU/EAT.5.0/DB/2025/1

Date: 24 Jan 2025

To

Prof. Dr. R. Ramnath
Organizing Secretary
International Conference on Education 5.0
Alagappa University, Karaikudi – 630003

Dear Professor,

Greetings.

I am delighted to know that Alagappa University (my Alma mater) is organizing an International Conference on EDUCATION 5.0 on 6th and 7th February 2025.

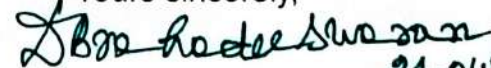
The title of the conference, viz., **Enabling Aspects and Trajectories of Education 5.0** is very timely and relevant to the emerging needs of all stakeholders at different levels of education sector.

I am glad that the Conference provides a very good forum for educators from various countries to SHARE, LEARN and NETWORK.

I wish the conference a grand success and hope that all the four objectives of the conference will be accomplished effectively and efficiently. I am sure that the conference will provide a number of key takeaways and facilitate the educators to make significant changes and enrich the learning experiences as well as the learning outcomes of their students.

With best wishes,

Yours sincerely,


24.01.2025

(D. BRAHADEESWARAN)



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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory Body of the Govt. of India)
Ministry of Human Resource Development, Govt. of India
Nelson Mandela Marg, New Delhi-110067



Prof. R. Hariharan
Former Adviser

MESSAGE

I am extremely glad to know that Department of Education, Alagappa University, Karaikudi, is organizing a Two-Day International Conference on “**Education-5.0: Enabling Aspects and Trajectories (EAT-5.0)**” during February 6-7, 2025 and releasing a Souvenir on this occasion. I am sure that the conference will provide a platform for all the participants to upgrade their knowledge, experience to disseminate the awareness of the recent developments, challenges and emerging trends.

And this International Conference will also provide a unique platform for the development of all stakeholders by providing them opportunities to contribute towards the betterment of the society, share and exchange ideas, identify and discuss options for overall development of education.

I send my best wishes and greetings to all the participants and wish the Conference a grand success.

(R.HARIHARAN)

31 January 2025



MINISTRY OF EDUCATION

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International Conference on “**EDUCATION 5.0: Enabling Aspects and Trajectories**”

Organized by Alagappa University, Karaikudi, Tamil Nadu, India

It gives me immense pleasure to extend my heartfelt greetings to all participants, organizers, and distinguished guests at the International Conference on “**EDUCATION 5.0: Enabling Aspects and Trajectories.**”

As the Head of a school, I am deeply aware of the transformative power of education in shaping not only individual destinies but also the future of our society. The concept of Education 5.0, with its emphasis on integrating technology, fostering inclusivity, and promoting innovation, resonates strongly with the pressing needs of our modern educational landscape.

This two-day conference offers an invaluable platform to share creative and innovative teaching approaches that can positively influence student achievement and cultivate a thriving school environment. By engaging in these meaningful exchanges, I am hopeful that we can collectively identify strategies to empower our educators and equip our students with the skills and values they need to excel in an ever-evolving world.

I firmly believe that the insights and discussions from this conference will inspire actionable strategies that can be implemented across schools and educational institutions globally. Together, let us harness the potential of Education 5.0 to shape learners who are resilient, innovative, and prepared for the challenges of the future.

My sincere appreciation goes to **Alagappa University** for organizing this timely and impactful event, and I am confident it will leave a lasting legacy in the educational domain.

Wishing the conference grand success and looking forward to the inspiring outcomes of this meaningful gathering.

Warm regards,

(**SALIZAWATI BINTI OMAR**)

Headmistress,
Sekolah Kebangsaan Permatang To' Kandu.



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Prof.G.KALAIYARASAN

Senior Professor & Head
Department of Education,
Alagappa University,
Karaikudi.



Greeting from the Department of Education

Education became unidirectional in those days and there were no sophisticated teaching devices. Due to the rapid development in Science and Technology, today we employ innovative approaches in teaching and learning process. Sophisticated teaching devices play pivotal role in our classrooms. Now, teaching approaches can be categorized into individualized, teacher-centred, and student-centred and so on, accordingly appropriate electronic teaching devices used in order to make the teaching-learning more effective. Particularly, computer with internet has brought a sea change in offering resource materials for both teaching as well as research. The Artificial Intelligence is the new arrival in education made a tremendous change in the research and learning.

To invite such innovation and experiencing the practicality, the present International conference on “Education-5.0 : Enabling Aspects and Trajectories (EAT 5.0, 2025)” would give a platform to share, discuss and present the tangible ideas and experiences of the scholars, teachers and researchers.

I express my heartfelt wishes to the organizers, delegates and faculty members for a great success.

Prof.G.KALAIYARASAN


**SENIOR PROFESSOR & HEAD
DEPARTMENT OF EDUCATION
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Graded as Category-I University and Granted Autonomy by MHRD-UGC)

DEPARTMENT OF EDUCATION

Karaikudi - 630 004, INDIA

Enabling Aspects and Trajectories Conference (EAT - 5.0) 2025



Prof. R. Ramnath Ph.D.
Organising Secretary

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Message

It is with immense pleasure and a deep sense of promise that I welcome you all to the *Two-Day International Conference on EDUCATION 5.0: ENABLING ASPECTS AND TRAJECTORIES (EAT-5.0)* organized by the Department of Education, Alagappa University, Karaikudi.



The theme of this conference, *Education 5.0* represents a transformative vision of education that seeks to align with the needs of a dynamic and interconnected world. It underscores the significance of technology integration, personalized learning, and the cultivation of human-centric approaches to education. This event aspires to serve as a vibrant platform for intellectual exchange, bringing together renowned scholars, educators, policymakers, and practitioners from across the globe to deliberate on the enabling aspects and trajectories of this new educational paradigm.

I express my heartfelt gratitude to the esteemed Vice-Chancellor and Registrar of Alagappa University for their unwavering support and guidance in organizing this event. I am also deeply indebted to the distinguished keynote speakers, panelists and delegates for their valuable contributions which will undoubtedly enrich the discussions and enhance the outcomes of this conference.

A special note of thanks to my colleagues, scholars and students of the Department of Education and the entire organizing committee for their unwavering support, tireless efforts and dedication in ensuring the seamless execution of this great academic endeavour.

I am confident that the insights, research, and innovations shared during this conference will inspire meaningful advancements in the field of education and contribute significantly to shaping the future of learning.

Wishing the conference immensely success with all its objectives!

Warm regards,
Dr. R. Ramnath
Organizing Secretary
Department of Education
Alagappa University
Karaikudi-630003