



M.E.S. ASMABI COLLEGE

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REPORT ON NATIONAL CONFERENCE ON Interdisciplinary Academic Translational Research and Innovation 2023

7th – 8th February 2023 AT MES ASMABI COLLEGE, KODUNGALLUR

Supported By Kerala State Higher Education Council

A two days National conference was organized by MES Asmabi college, Kodungallur supported by Kerala State Higher Education Council. The programme started at 10.15 AM with official session with prayer. Dr. Ansar E B, secretary of National Conference welcomed the dignitaries and the students. The seminar was inaugurated by Prof. Dr. M.K Jayaraj, Vice Chancellor, University of Calicut. The programme was chaired by Prof. Dr. A.Biju, Principal, MES Asmabi College and delivered the presidential address. He wished all the success to the coordinates and participants. Adv. Navas Kattakath, Secretary & correspondent, MES Asmabi college, Dr. Reena Mohammed, Vice principal, MES Asmabi college, Dr. Shafeer P S, IQAC Coordinator felicitated the gathering. The inaugural programme ended with vote of thanks by Dr. K Kesavan, Head, Department of Aquaculture. 184 participants registered for the conference NCIATRI 2023.



Dr. Ansar, Coordinator welcoming the Gathering



Dr. M.K Jayaraj, Inaugurating the Conference



Dr. M.K Jayaraj, Delivering the plenary talk on session 1

There were 7 plenary sessions, 2 non-academic sessions and 6 sessions for paper presentations. The first plenary session started at 10.45 with the welcome address Dr.Sheena P A, Head, Department of physics. The plenary talk delivered by honorable vice chancellor, university of Calicut Prof. Dr. M K jayaraj in the topic “Fabrication of metal oxide based memristive artificial synapses for neuromorphic computing applications” and he also appreciated the multidisciplinary topic chosen in the national conference. The session ended with vote of thanks by Mr.Mohammed Areej E.M, Head, Department of Biochemistry.



Dr.Manoj Komath, Delivering the plenary talk on session 2



Lovely Jacob A, receiving the Best paper award in session 2

The second plenary session started at 12.00pm with the welcome address by Dr.Dhanya PR, faculty, department of Aquaculture. The invited speaker session 2 was Dr.Manoj Komath, Scientist G, Biomedical Technology, Sree Chitra Tirunal Institute for Medical,Sciences and Technology, Trivandrum. He focused on the topic Biomedical Research - Challenges and Scopes. 8 paper presentations were including in the second session. Dr.Manoj Komath chaired the session and Lovely Jacob Asecured the best presentation award. The session ended with vote of thanks by Ms. Nisha P K, faculty, Department of physics.

In the post lunch session (session 3) started at 2.30 with the welcome address by Sri Shibu A nair, faculty, Department of Aquaculture. The invited speaker session 3 was Dr. Sabareeswaran A, Scientist G Biomedical Technology Wing, Sree Chitra Tirunal Institute for Medical Sciences and Technology,Trivandrum. He covered the topic “Tissue Response to Materials in Medical Devices”. 9 paper presentations included in the session and participants presented their topics. Dr. Sabareeswaran A chaired the session and Sumitha Thomas secured the best presentation award. The session concluded with vote of thanks by Ms.Sreelakshmi T P, faculty, Department of Aquaculture.



Dr. Sabareeswaran A, Delivering the plenary talk on session 3



Sumitha Thomas, receiving the Best paper award in session 3



Participants and presenters of the of the parallel Session 4 at Seminar Hall

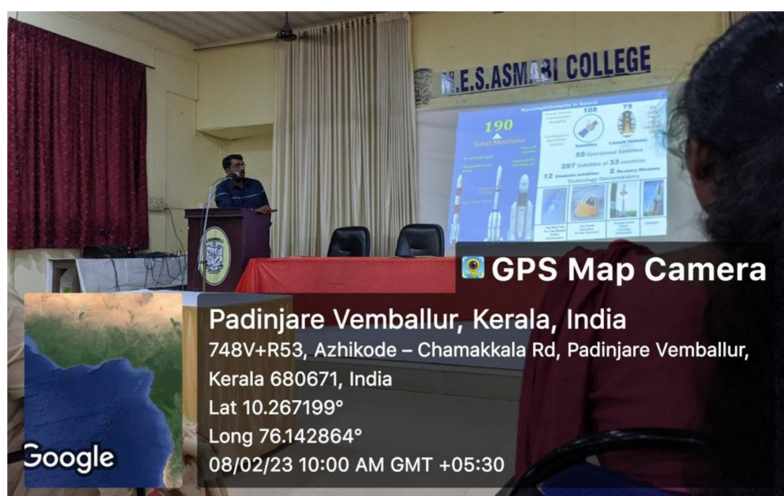
The fourth session of NCIATRI – 2023 was held in the seminar hall on 8/2/2023. The session started at 2.00 pm with the welcome address by Lathif Penath, Head, Department of Psychology. The plenary talk of the session was on “Recent Trends & Application In Psychology” by Dr Soumya Starlet C T, Assistant Professor, Department of Psychology, Prajyoti Niketan College Pudukkad. This was followed by

paper presentations. There were 17 paper presentations in that session. Twenty six students from the college presented their works. The session was chaired by Farhana Nasar k , Assistant Professor, Department of Psychology and Avani K Devadas, Kiblat Divan and Nijayas Prasad secured the best paper award. Dr Ansar Assistant Professor and Department of Chemistry proposed the vote of thanks and the programme came to an end at 4.30 pm.



Organizers, Participants and presenters at the end of day 1 at Auditorium

The fifth session of NCIATRI – 2023 was held in the seminar hall on 8/2/2023. The session started at 10.00 am with the welcome address by Dr Sheena P A, Head, Department of Physics. The plenary talk of the session was on “Polymers in Space” by Dr Arjun G Namboodiri, Scientist E, Rubber products development facility, Rocket Propellant Plant, Vikram Sarabhai Space Centre. This was followed by paper presentations. The speaker focussed on the elastomers used in ISRO’s Launch Vehicles. He informed the audience about various activities of ISRO scheduled for students. There were 7 paper presentations in that session. Two researcher scholars, one PG student and four teachers from the college presented their works. The session was chaired by Dr Arjun. Ms Sreedevi, Assistant Professor, Department of Physics secured the best paper award. Ms Sreedevi proposed the vote of thanks and the programme came to an end at 12.30 pm.



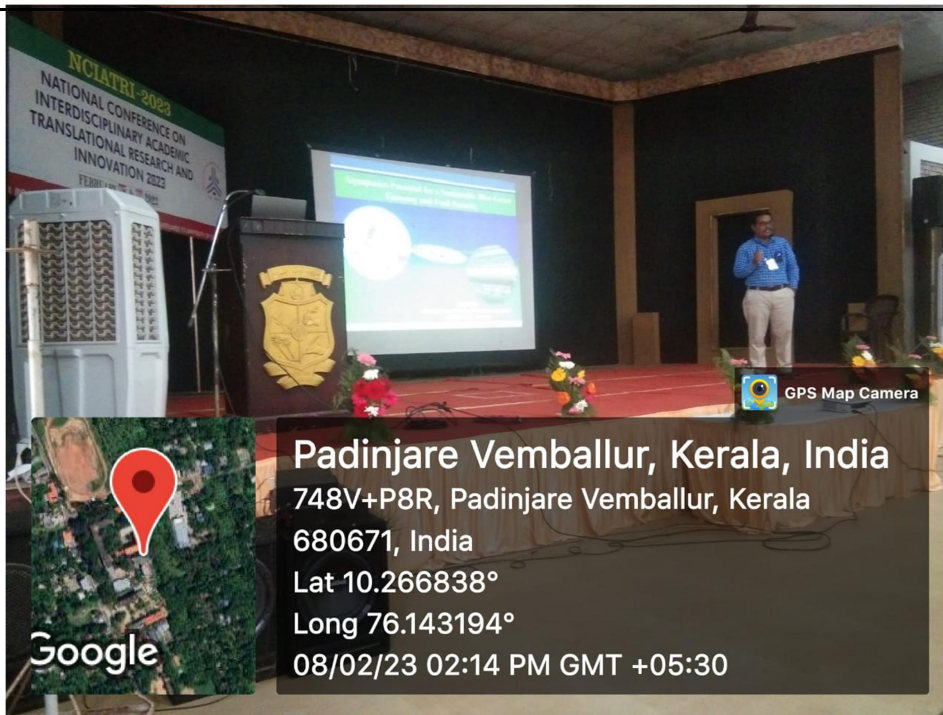
Dr Arjun G Namboodiri, Delivering the plenary talk on session 5

The sixth session of NCIATRI – 2023 was held in the college auditorium on 8/2/2023. The session started at 9.30 am with the welcome address by Dr.Dhanya P R, Coordinator, research Promotion cell. The plenary talk of the session was on “Innovative strategies for the control of biofilm formation in health care setting” by Dr R Subashkumar, Associate Professor and head, Department of Biotechnology, Sri Ramakrishna College of arts and science, Coimbatore. This was followed by paper presentations. There were 8 paper presentations in that session. The session was also chaired by Dr R Subashkumar. Sri.Muhammed Areej E M, Assistant Professor and Department of Biochemistry proposed the vote of thanks and the programme came to an end at 12.30 pm.



Dr R Subashkumar, Delivering the plenary talk on session 6

The seventh session of NCIATRI – 2023 was held in the Auditorium on 8/2/2023. The session started at 1.30 pm with the welcome address by Dr. Ansar E B, Head, Department of Chemistry. The plenary talk of the session was on “Aquaponics potential for a sustainable blue green economy and food security” by Dr S Raja, Assistant professor, Department of zoology, Kongunadu arts and science college, Coimbatore. This was followed by paper presentations. There were 14 paper presentations in that session. The session was also chaired by Dr S Raja. Sreelakshmi T P, Assistant Professor, Department of Aquaculture secured the best paper award. Shri Shibu A Nair, Associate professor, Department of Aquaculture, proposed the vote of thanks and the programme came to an end at 3.30 pm.



Dr S Raja, Delivering the plenary talk on session 7



Organizers, presenters and participants at the Valedictory session at Auditorium

The Conference concluded with a Valedictory session wherein the Best paper certificates were distributed to Paper presenters. Certificates for the prize winners were distributed by the guests. The valedictory session ended with vote of thanks by Dr. Ansar E B, Conference secretary, Assistant professor, department of Chemistry, MES Asmabi college.

Programme Brochure:



NCIATRI-2023

**National Conference on
Interdisciplinary Academic
Translational
Research and Innovation 2023**

February 7 & 8 • 2023

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