

Sree Narayana Mangalam College, Maliankara

(Affiliated to Mahatma Gandhi University, Kottayam)

Department of Physics

MoU WITH

Kerala University of Fisheries and Ocean Studies (KUFOS)



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AWARENESS CLASS ON "EXTREME WEATHER EVENTS AND CLIMATE CHANGE"

About KUFOS: The Kerala University of Fisheries and Ocean Studies (KUFOS) was established by Government of Kerala on 20th November 2010 devoted to studies in fisheries and ocean sciences. It acts as a centre of excellence for human resource development in fisheries and ocean studies and the nodal agency to establish relationship with institutions and universities functioning at national and international level. The University offers Under Graduate (UG), Post Graduate (PG), doctoral (Ph.D) and postdoctoral fellowship (PDF) programmes in various areas of fisheries and ocean studies. Several courses like B.F.Sc. B.Tech, M.F.Sc, MBA, M.Sc, LLM, M.Tech, Diploma, PG Diploma are offered in various streams like fishery science, oceanography, marine biology, aquatic animal health management, fish processing technology and fisheries economics. The outreach activities of KUFOS include student training, student internship and graduate/postgraduate research programmes.

Objective of the progamme: To increase awareness among students about the extreme weather conditions and increasing climate change and to educate them about the importance of the environment in controlling it. The programme also aims at providing learning and education opportunities for students in the area of atmospheric science.

Description of the progamme: For strengthening the academic and research collaborations, Department of Physics, S.N.M college, Maliankara signed a Memorandum of Understanding (MOU) with Kerala University of Fisheries and Ocean Studies (KUFOS). To make the MoU functional, Department of Physics conducted an awareness class on "Extreme weather conditions and climate change" for the students of the Department of Physics and Department of Mathematics. The programme was conducted at S.N.M college seminar hall on 27th September 2023 at 10:30 am as part of Physics association activity. Dr. Lakshmi S Bose (Physics Association Convener) Assistant Professor, Department of Physics welcomed the audience and Dr. Neena P (HoD), Assistant Professor, Department of Physics delivered the presidential address.

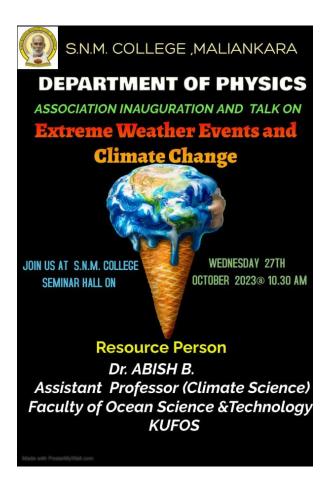


The resource person was Dr. Abish B, Assistant Professor, Department of Ocean and Technology, KUFOS. The resource person officially inaugurated physics association activities 2023 and delivered a talk on "Extreme weather conditions and climate change". The talk included the reasons for today's extreme weather conditions and climate change, what role the environment plays in regulating the climate and why it is important for future generations to take care of the environment and prevent any sudden climate changes. He also discussed about how climate changes have been affecting the earth and how icebergs are melting at a fast pace and resulting in the rise of water. The speaker presented various atmospheric phenomena arising from drastic climate changes. He also discussed about different modeling studies, adaptation strategies and technology systems that are required in understanding the processes involved in the climate change. The speaker said that prevailing human activities as well as natural phenomena constitute agents of climate change and they must be controlled. He concluded that awareness and enlightenment on climate change and sustainable development for all is essential and that could be achieved only through basic and applied research in climate science by strengthening observational and modeling tools and systems. The programme was followed by an interactive session, answering the queries from the student and teacher community. In the interaction session, the speaker also discussed about student academic projects and internship programmes that KUFOS offers in atmospheric sciences guided by experienced professional and scientific experts.

Outcome of the progamme: The talk was successful in creating awareness, promoting knowledge and skills development on climate issues and related concepts among students. The interaction session with the speaker was very informative to the students as it provided a scientific understanding and awareness on the key climate processes, resultant climate risks and associated consequences on the social systems. The session also helped the speaker to assess the level of climate change awareness among students. Nearly 72 students were benefitted by the programme. The programme developed in them an attempt to start an immediate action to protect the environment from severe climate changes which is the need of the hour.



Brochure



Photos











മാല്യങ്കര എസ്.എൻ.എം കോളേജിൽനടന്ന കാലാവസ്ഥ വ്യതിയാനം ശില്പശാല കേരള യൂണിവേഴ്സിറ്റ് ഒഫ് ഫിഷറീസ് ആൻഡ് ഓഷ്യൻ സ്റ്റഡീസിലെ അസി. പ്രൊഫസർഡോ. ബി. ആബീഷ് ഉദ്ഘാടനം ചെയ്യന്ന

കാലാവസ്ഥ വ്യതിയാനം ശില്പശാല

പറവൂർ: മാല്യങ്കര എസ്.എൻ.എം കോളേജിൽ ഫിസിക്സ്വി ഭാഗത്തിന്റെ ആഭിമുഖ്യത്തിൽ കാലാവസ്ഥവ്യതിയാനം എ ന്നവിഷയത്തിൽ ശില്പശാലനടത്തി. കേരളയൂണിവേഴ്സിറ്റ് ഒഫ്ഫിഷറീസ് ആൻഡ് ഓഷ്യൻസ്റ്റഡീസിലെ അസി. പ്രൊ ഫസർ ഡോ.ബി. ആബീഷ് ഉദ്ഘാടനം ചെയ്തു. ഫിസിക്സ്വി ഭാഗം മേധാവി ഡോ. പി. നീന അദ്ധ്യക്ഷതവഹിച്ചു. അദ്ധ്യാ പകരായ ഡോ. ലക്ഷ്ബി എസ്. ബോസ്, പ്രിയ എസ്. നായർ, സി.പി. സുനിൽകുമാർ, ഡോ. കെ.എസ്. ഊർമ്മിള, നമിത്ന വകൃഷ്യൻ, ഡോ. എൻ. വിദ്യാരാജൻ എന്നിവർ സംസാരിച്ചു.



List of Participants

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