



Dr. Deepak Pandit
Scientific Officer (F)

16 March, 2022

TO WHOM IT MAY CONCERN

Dr. Alok Kumar De, Associate Professor of Physics, Raniganj Girls' College, Raniganj, Burdwan (West), has been collaborating with me and my group (BaF₂ group) of this centre in its research activities primarily in the field of Giant Dipole Resonance studies in hot and rotating nuclei since 2006.

He has been contributing in this collaborating venture actively by participating during the indigenous development (design, fabrication) of the 162-element LAMBDA (Large Area Modular BaF₂ Detector Array) high-energy photon spectrometer which is the largest of its kind in the country and is one of the largest in the world. He is also actively participating during the experimental runs with this LAMBDA spectrometer for meaningful physics research like low-temperature GDR width, ratio of shear viscosity to entropy volume density in finite nuclear system, thermodynamic parameters of nuclei, Jacobi shape transition, etc. His involvement and contribution in this collaboration is reflected in numerous publications in high-impact peer reviewed international journals.

Dr. Alok Kumar De has also been collaborating with me and our group since several years back involving experimental studies of few-body aspects of nuclear reactions.

Deepak Pandit 16/03/22

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Scientific Officer (F)

दीपक पंडित / Deepak Pandit
वैज्ञानिक अधिकारी / Scientific Officer (F)
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DEPARTMENT OF PHYSICS

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16 March, 2022

TO WHOM IT MAY CONCERN

I am very glad to certify that Dr. Alok Kumar De, Associate Professor of Physics, Raniganj Girls' College, Raniganj, Burdwan (West), has been collaborating with me and my group at Barasat Govt. College, since 2014, on the topics entitled *Mobile (Electromagnetic) Pollution, Air pollution, Nano-particle and Medicinal Plant research*. Since then Dr. De's great interests have been in (i) atomic and molecular spectroscopy and imaging research involving STM, FTIR and UV-VIS spectrometers; and (ii) environmental pollution research exploiting mobile phone radiation meter available at the Department of Physics of this college (Barasat Govt. College). It would be a matter of great satisfaction to me to widely continue this collaboration for the days to come. As before, research oriented interested students of the Department of Physics of Raniganj Girls' College are also invited to devote themselves in this endeavor.

(Dr. Srijit Bhattacharya)
Associate Professor
Dept. of Physics
Barasat Govt. College.

Forwarded by,


(Pradip Mukherjee)

Professor & Head
Department of Physics
Barasat Govt. College



To Whom it may concern

This is to certify that Dr. Alok Kumar De of Raniganj Girls' college, West Bengal-India has been participating since 2007 in an International collaboration for the development of a detector system for the experiment titled "Precision Measurements of very short-lived nuclei using an Advanced Trapping System for highly charged ions (MATS)" to be performed at the upcoming Facility for the Antiproton and Ion Research (FAIR) at Darmstadt, Germany. MATS is one of major experiments to be performed at FAIR to study the details of the nuclear structure and reactions using rare ion beams.


Dr. Subhasis Chattopadhyay
Programme Director,
Indo-FAIR project



University of Kalyani

Department of Ecological Studies

International Centre for Ecological Engineering

Dr. J. N. Bhakta
Associate Professor



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No.:

Date:

To
The Hon'ble Vice-Chancellor
University of Kalyani
Kalyani 741235
Nadia, West Bengal



February 24, 2021

Subject: Request for permission to conduct vermicomposting training in collaboration with Ranigonj Girls' College, Raniganj

Respected Sir,

I have the honour to state that one of the important objectives of the Department of Ecological Studies and ICEE is the transformation of technologies from laboratory to land for the ultimate benefit of the society especially for the backward classes of the society as well as sustainable development of the society.

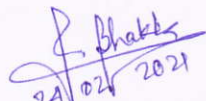
In this connection, I would like to conduct vermicomposting training in collaboration with Ranigonj Girls' College, Raniganj, West Bengal, since the said College is very much interested to conduct the training on vermicomposting for the poor farmers in collaboration with the department at their own expenditure. I and along with other faculties of the department will support to the college as expert persons in this regards.

It is also pertinent to mention herein that these types of activities of the department will carry a significant impact in the forthcoming evaluation of the NAAC.

Under the circumstances, it would be very much appreciated if you kindly approve the matter to conduct the collaborative training programme at the premises of Ranigonj Girls' College, Raniganj as extension activities along with other faculty members of the department.

Your kind cooperation will be highly appreciated.

With kind regards,
Sincerely yours,


24/02/2021
(Dr. J. N. Bhakta)

Approved


01-03-21
Vice-Chancellor
University of Kalyani