

Curriculum Vitae



Name: Mr. Pankaj Patra
Designation: SACT-II
Department: Physics, Kharagpur College
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Email(s) Address: pankajpatra1988@gmail.com
Date of joining: 17.08.2015

Academic Qualification (Undergraduate Onwards)

	Degree	Year	Subject	University/Institution	% of marks
1.	B.Sc.(Hons.)	2010	Physics	Vidyasagar University	59.00
2.	M.Sc.	2012	Physics	Vidyasagar University	62.58
3.	B.Ed	2015	Education	Vidyasagar University	70.00

Work experience (in chronological order).

Sl.No.	Positions held	Name of the Institute	From	To
1	Project Assistant	Kharagpur College	2013	2015
2	Guest Lecturer in Physics	Kharagpur College	2015	2020
3	SACT-II	Kharagpur College	2020	Till date

Publications:

National:

J Pramanik, P. Patra. P. Bandyopadhyay	Characterization of Particle Growth and Enhancement of Sputtering Yields in a Cogenerated Dusty Plasmas	Journal of Physical Science	25	49-56	2020
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Seminar Attended & Presented:

- Participated and presented a poster entitled "Experimental Study of the dependence of Plasma Temperature and Pressure with different plasma parameters in glow discharge plasma tube" in the 28th National Symposium on Plasma Science & Technology (Plasma- 2013) organized by PSII & KIIT University at Bhubaneswar from 3-6 December, 2013.
- Participated in the 32nd National Symposium on Plasma Science & Technology, organized by Institute for Plasma Research, Bhat, Gandhinagar during 7-10 November 2017.
- Participated and delivered a talk on Dust Acoustics Shear Wave in Low Temperature Dusty Plasma in a national seminar organised by Vivekananda Satavarshiki Mahavidyalaya, Paschim medinipur, West Bengal.

Project Assistant:

- Worked as a Project Assistant in a research project entitled "Experimental Study of nonlinear waves and stable dust structures in moderately coupled dusty plasma" with reference number 39/14/20/2016- BRNS dated 15/07/2016 funded by Board of research in Nuclear Sciences, Department of Atomic Energy, Govt of India, under the guidance of Dr. Jyotirmoy Pramanik, Department of Physics, Kharagpur College during 01.09.2016 to 31.03.2019.
- Worked as a Project Assistant in a research project entitled "Study of Low Frequency Waves and Nonlinear Dynamics in Dusty plasmas" with reference number SR/S2/HEP-13/2010 dated 20/12/2011, funded by the Department of Science and Technology, Govt. of India under the guidance of Dr. Jyotirmoy Pramanik, Department of Physics, Kharagpur College during 08.05.2013 to 08.04.2015.

Seminar/Workshop attained:

- (i) One Day International Webinar on "Better Understanding of Pandemic Covid-19" organized by IQAC, Kharagpur College on 23rd June 2020.
- (ii) Two-day Orientation Program on "Blood Donor's Motivation" organized by NSS Unit, Kharagpur College on 22-23 August 2020.
- (iii) One Day National Webinar on "Covid-19 & National Lockdown: Some Socio-Economic Dimensions" organized by Department of Economics, Kharagpur College on 26th August 2020.
- (iv) One Day National Webinar on "Body's fight against harmful invaders: How we fight Corona Virus And for how long?" organized by Indian National Science Academy (INSA) Kolkata Chapter in association with Kharagpur College (IQAC & UBA Unit) on 9th June 2021.
- (v) Two Day Workshop on 'NAAC Revised Accreditation Framework (Raf)' organized by IQAC, Chandrakona Vidyasagar Mahavidyalaya on 24-25 February, 2023
- (vi) One day National Webinar on "Advancement of Plasma Physics and Nano Science" on 30th June, 2020 organized by Department of Physics, Kharagpur College.
- (vii) One day International Webinar entitled "Recent Advancements in Plasma Science and Astrophysics" organized by Alipurduar College on 8th July, 2020.

Administrative Position:

- Member of Seminar and Exhibition Sub-Committee
- Member of Green Audit Committee