MIDNAPORE COLLEGE AUTONOMOUS

CURRICULUM VITAE

Name : **PARTHASARATHI DAS**
Designation : **Associate Professor in Physics**
Midnapore College (Autonomous)
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Education Qualification : **M. Sc, Ph-D**
Permanent Address : **Vill: Rangibasan, PO+PS Mahishadal, Dist: Purba Medinipur, W.B-721628, India.**
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Date of Joining : 31/03/2005

➢ **Area of Teaching:**

i) Mathematical Methods
ii) Quantum Mechanics
iii) Electrostatics

➢ **List of research papers published:**

i) Sasmita Rani Bag, Parthasarathi Das, Banarji Behera, AC impedance spectroscopy and conductivity studies of Dy doped $Bi_4V_2O_{11}$ ceramics, J Theor Appl Phys, 2017

ii) S.N. DAS, S. PRADHAN, S. BHUYAN, R.N.P. CHOUDHARY,and P. DAS: Modification of Relaxor and Impedance SpectroscopyProperties of Lead Magnesium Niobate by Bismuth Ferrite Journal of ELECTRONIC MATERIALS, 2016

iii) P.S.Das, P.K. Chakraborty, BanarjiBehera, R.N.P. Choudhary, Impedance spectroscopy study of **$Na_2SmV_5O_{15}$**ceramics, Journal of Advanced Ceramics, 2014

iv) P.S.Das, P.K. Chakraborty, BanarjiBehera, R.N.P. Choudhary, Structural and Impedance characteristics of **$KPb_2V_5O_{15}$** ceramics, International Journal of Modern Physics B, 2011

v) P.S.Das, P.K. ChakrabortyBanarjiBehera and R.N.P. Choudhary, Characterization of **$LiPb_2V_5O_{15}$**Ceramics Using Impedance Spectroscopy, Modern Physics Letters B,

vi) P.S.Das, P.K. ChakrabortyBanarjiBehera and R.N.P. Choudhary, Impedance Characteristics of a New Tungsten Bronze Vanadate: **$NaPb_2V_5O_{15}$**, American Institute of Physics conference proceedings, 2008

vii) P.S.Das, P.K. Chakraborty, BanarjiBehera, R.N.P. Choudhary, Electrical properties of $Li_2BiV_5O_{15}$ ceramics, Physica B,2007

viii) P.S.Das, Impedance Study of $K_2DyV_5O_{15}$ Ceramics, Advanced Journal of Basic and Applied Sciences [AJBAS], 2017

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➢ **Associated with any other Organization:**

i) Life Member of Indian Association of Physics Teachers
ii) Life Member of Indian Physics Association

➢ **Other Activities:**

i) P.S.Das, P.K. Chakraborty, BanarjiBehera and R.N.P. Choudhary: "Ferroelectric phase transition in **$LiPb_2V_5O_{15}$**ceramics",XIVth National Seminar on Ferroelectrics and Dielectrics (NSFD), 18-21stDecember 2006, organized by the department of Physics & meteorology Indian Institute of Technology, Kharagpur, West Bengal (Poster presentation).

ii) P.S.Das, P.K. Chakraborty, BanarjeeBehera, R.N.P. Choudhary Impedance Characteristics of a new Tungsten Bronze Vanadate **$NaPb_2V_5O_{15}$** International Workshop on Mesoscopic, Nanoscopic, and Macroscopic Materials.2-4th January, 2008organized by State Councilon Science and Technology (Dept of S&T, Govt. Of Orissa, India), Institute of Material Science (Bhubaneswar,Orissa, India), *Drexel University Philadelphia, USA,*(Poster presentation).

iii) P.S.Das, P.K.Chakraborty, BanarjeeBehera, R.N.P. Choudhary"Impedance Characterisation of **$KPb_2V_5O_{15}$** Ceramics using Impedance spectroscopy"; National Seminar on Recent Advances in Materials Sciences;Department of Applied Physics,I.S.M.University, Dhanbad,15-17th February 2008 (Paper presentation).

iv) P.S.Das, P.K. ChakrabortyBanarjiBehera and R.N.P. Choudhary"Study of Structural and Electrical Properties of **$Li_2SmV_5O_{15}$**Ceramics",p.67-73 National seminar On Material Science and application, Department of Physics, Betnoti College,Baripada, Orissa August 3-4, 2008

v) P.S.Das, P.K. ChakrabortyBanarjiBehera and R.N.P. Choudhary"Study of Structural and Electrical Properties of **$Na_2DyV_5O_{15}$** Ceramics", National seminar On "Physics and Technology of Novel Materials", organized during 25-27th February,2010 by the School ofPhysics, SambalpurUniversity, Orissa (Paper presentation)

vi) P.S.Das, P.K. ChakrabortyBanarjiBehera and R.N.P. Choudhary "Structural and Dielectric study of **$Na_2SmV_5O_{15}$** Ceramics", National Workshop on "Quantum Perspective of Advanced Materials in the Department of Physics and TechnoPhysics", sponsored by Theoretical Physics Seminar Circuit of S.N. Bose National Centre for Basic Sciences, Kolkata and UGC at Vidyasagar University, March 23-25, 2011,W.B-721102 (Poster Presentation).

vii) P.S.Das, P.K. ChakrabortyBanarjiBehera and R.N.P. Choudhary "Structural and Dielectric Study of **$Na_2SmV_5O_{15}$** Ceramics". National seminar On Recent Advances in Material Scienceation, Department of Physics, Betnoti College, Mayurbhanj Odisha 24-25th November, 2011 P 29-36(paper presentation).

viii) P.S.Das, P.K. ChakrabortyBanarjiBehera and R.N.P. Choudhary "Structualands Impedance Properties of **$Na_2BiV_5O_{15}$**", National Seminar on "Recent Trends on Novel Materials" in the Department of Physics and TechnoPhysics", VidyasagarUniversity, November 29-30, 2011,W.B-721102 (Poster Presentation).

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ix) P.S.Das, P.K. ChakrabortyBanarjiBehera and R.N.P. Choudhary "Characterization of **$Na_2DyV_5O_{15}$** Ceramics", 2nd National seminar On "Physics and Technology of Novel Materials", organized during 10-11th March.2012 by the School of Physics, Sambalpur University, Orissa (Paper presentation)

x) P.S.Das, R.N.P. Choudhary "Impedance spectroscopy study of **$K_2BiV_5O_{15}$** Ceramics" National seminar On "The importance of Intermolecular interactions in Solid –State X-Ray crystal Structures", organized during 7-8th September, 2015 by the Department of Physics, Mugberia Gangadhar Mahavidyalaya, Bhupatinagar, Purba Medinipur, West Bengal-721425, India.(Paper presentation)

xi) P.S. Das, P.K. Chakraborty, Banarji Behera and R.N.P. Choudhary "**Characterization of $Li_2DyV_5O_{15}$ electro ceramics"** International Conference on Frontiers in Material Science& Technology, held during 10-12th December, 2015 organized by National Institute of Science& Technology, Berhampur,Odisha-761008, India.

xii) P.S. Das, P.K. Chakraborty, Banarji Behera and R.N.P. Choudhary "**Impedance Analysis of $K_2SmV_5O_{15}$"** National Conference on Nanotechnology: Materials and Applications, held during 16-17th June, 2016 organized by School of Materials Science and Nanotechnology, Jadavpur University, Kolkata.

xiii) P.S. Das, H.S. Mondol "Classical vs. Quantum Causality" National seminar on "Uses of Statistics in the Analysis of Socio Economic Development: Contemporary issues in India" 7th- 8th November , 2016 organized by Department of Economics and Department of Statistics, Midnapore College (Autonomous), Midnapore.

xiv) P.S.Das, P.K. Chakraborty, Banarji Behera, R.N.P. Choudhary: Dielectric and Impedance properties of $Li_2BiV_5O_{15}$ ceramics; National Seminar On Current Progress in Physics and its Applications 3-4th March, 2017 (paper presentation) held at North Orissa University, Baripada, Odisha.