



Dr. Arabinda Mondal
Associate Professor
Department of Silpa-Sadana
&
Vice-Principal
Palli Samgathana Vibhaga

Qualification:

Ph.D. (Tech.)
M.Tech. (Ceramic Engineering)
B.Tech. (Chemical Technology)
B.Sc. (Chemistry Honours)

Contact details:

Office
Department of Silpa-Sadana, PSV,
Visva-Bharati, Sriniketan, Birbhum,
West Bengal, Pin-731236.

Residence

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Research areas of interest:

- Traditional Ceramics
- Fine Ceramics
- Ceramic Composites
- Waste utilization

Teaching Experience:

Sl. No.	Name of the Employer	Designation	Period of employment
1.	Visva-Bharati	Lecturer	15.03.2001 to 31.08.2005
2.	Visva-Bharati	Lecturer in Senior scale	01.09.2005 to 31.12.2005
3.	Visva-Bharati	Assistant Professor	01.01.2006 to 14.03.2010
4.	Visva-Bharati	Associate Professor	15.03.2010 to Till date

Industrial Experience:

6 weeks vocational training in H & R Johnson (India) Ltd., a wall and floor tiles manufacturing company.

Research Experience: More than 12 years

Administrative Experience:

- Worked as Course Coordinator, Pottery-Ceramic Section, Dept. of Silpa-Sadana, Visva-Bharati from 28.08.2001 to 04.07.2004.
- Worked as Worden of CIT Boys' Hostel, Visva-Bharati, Sriniketan from 29.11.2004 to 12.12.2006.

- Worked as Joint Convenor of Admission Committee for Bachelor in Design and Certificate Course, Silpa-Sadana, 2012-2013 & 2013-2014.
- Working as Joint Coordinator of Short Term Programme in IndianCraft Techniques, Silpa-Sadana, since May 2011.
- Acted as In-Charge Pottery-Ceramic Section, Silpa-Sadana, Visva-Bharati, since 01.07.2014.
- Acted as Vice-Principal, Palli Samgathana Vibhaga, Visva-Bharati, since 24.05.2014.

Research projects (ongoing) :

Sl. No.	Title	Agency	Period	Grant/Amount Mobilized
1.	Effect of fly ash on the development of ZrO ₂ -Cordierite composites.	DST	3 years	Rs. 16,85,000.00

Doctoral Supervision Ph.D. (ongoing):

Sl. No.	Name of the University	Title of the Thesis
1.	University of Calcutta	Studies on the Bauxite-Fly ash based Mullites and its composites

Participation in the UGC sponsored Orientation and Refresher Course:

- Participated in the UGC sponsored Orientation Course organized by Academic Staff College, University of Calcutta during July 17 to August 12, 2006.
- Participated in the UGC sponsored Refresher Course on “Environmental Issues and its Modulation” jointly organized by Department of Botany, Chemistry, Zoology and Environmental science, University of Kalyani during 2nd to 22nd January, 2008.
- Participated in the UGC sponsored Refresher Course on “Chemistry Today and Tomorrow” organized by Department of Chemistry, Jadavpur University, during 2nd to 22nd January, 2010.
- Participated in the UGC sponsored Refresher Course on “Chemical Science” organized by Academic Staff College, Banaras Hindu University during 11th to 31st March, 2012.
- Participated in the UGC sponsored Short-term Course on “Computational Tools & Open Source Software” organized by Academic Staff College, Burdwan University during 29th August to 4th September, 2013.

Conference/Seminar/Academic or consultancy Programmes attended:

- “Alumina-Mullite Composites through Interaction of Bauxite and Fly ash” in an International Seminar on Ceramic, CeraTec2007 in Vizag.
- “Characterization of fly ash generated from Bakreswar Thermal Power Plant” in an international Seminar organized by West Bengal Pollution Control Board and Government College of Engineering & Ceramic Technology, Kolkata in 2013.

Attended as Resource person in different workshop and refresher courses:

- “Structural features of clay minerals, White ware body fabrication techniques and drying of white ware articles” in a Refreshers Course organized by Indian Institute of ceramics at CGCRI, Khurja, UP on 22nd July, 2004.
- “Glazed ceramic articles” in a Refreshers Course Organized by Govt. College of Engineering and Ceramic Technology, Kolkata, on 23rd and 24th June, 2007

- “Pottery ceramics for Potters” in a Refreshers Course organized by Department of Chemical Technology, University of Calcutta, Kolkata, on 30th July, 2007.
- ‘Clay modelling and Decorative potteries’ in a training/workshop programme for the potters of Kumartuli, organized by Govt. College of Engineering and ceramic Technology, Kolkata on 15th and 16th December, 2007 at Kumartuli.
- ‘Pottery’ in a training/workshop programme organized by Govt. College of Engineering and ceramic Technology, Kolkata in collaboration with the Ramkrishna Mission, Narendrapur on 4th, 5th and 6th April, 2008 within the Mission compound.
- ‘Raw material’ in a workshop on Singular clay by blending process’ jointly organized by CG&CRI, Kolkata; DST, Govt. of W. B. and Silpa-Sadana, Visva-Bharati on 18th December, 2008 at Silpa-Sadana, Visva-Bharati.
- ‘Pottery decoration technique’ in the National Seminar organized by Indian Institute of Ceramics and Science Association of Bengal on “Ceramics in the Service to Humanity” on 26th & 27th February, 2012.

Publications:

- N. K. Mitra, A. Mondal, S. Maitra, A. Basumajumdar. “Effect of TiO₂ on the interaction of dehydroxylated kaolinite with Al(OH)₃ gel in relation to mullitisation” Ceramic International, Vol. 28, 2002, pp 235-243.
- N. K. Mitra, A. Mondal, A. Basumajumdar, P. K. Dasgopodar, J. Mukhopadhyay. “Utilization of Fly ash and Blast furnace slag for the preparation of mullite based composites” J. Indian Chem. Soc., Vol. 80, July 2003, pp 720-722.
- N. K. Mitra, A. Basumajumdar, Sudip Das, A. Mondal and S. Kundu,. “Substitution of silica by active alumina in triaxial porcelain” J. Indian Chem. Soc. Vol. 82, July 2005, pp. 637-638.
- A. Mondal and S. Adhikari, “Utilization of rice husk ash for the development of glazed wall tiles” Indoceram of AIPMA, Vol. 42, 2006, pp 7-10.
- A. Mondal, T. Chakraborty, S. Das, K. Roy and S. Ghosh, “Studies on the sintering behavior of red clays of Birbhum district of West Bengal” Ceramic Interaction, Vol. 1, 2007, pp 51-53
- A. Mondal, “Utilization of Fly ash for the Production of Glazed Wall Tiles” Transaction of UGC-ASC 68th Orientation Programme (August, 2006), University of Calcutta.
- A. Mondal and S. Mukherjee, “Utilization of Blast furnace slag for the production of Wall tiles” Indoceram of AIPMA, Vol. 44, No. 3, 2008, pp 76-79.
- A. Mondal, S. Mitra, S. Chandra and N. K. Mitra, “Alumina-Mullite composites through interaction of Bauxite and Fly ash” Trans. Ind. Ceram. Soc., Vol. 67, No. 2, 2008, pp 81-85.
- A. Mondal, “Studies on the partial replacement of feldspar by glassy frit in porcelain” Indoceram of AIPMA, Vol. 45, No. 1, 2009, pp 17-22.
- A. Mondal, “Effect of substitution of quartz by zircon in glass bonded porcelain” Indoceram of AIPMA, Vol. 46, No. 4, 2010, pp 83-86.
- A. Mondal, “Effect of MgO as dopant on the physical properties of porcelain” Indoceram of AIPMA, Vol. 47, No. 3, 2011, pp 22-25.
- A. Mondal, “Effect of incorporation of ZnO containing glaze on the densification of porcelain” Indoceram of AIPMA, Vol. 48, No. 2, 2012, pp 42-45.
- A. Mondal and A Chowdhuri “Utilization Potential of Indian Fly ash – A Review” Indoceram of AIPMA, Vol. 1, No. 3, 2013, pp 59-67.
- A. Mondal “Studies on the Zirconia-Mullite composite derived from dehydroxylated kaolinite” Indoceram of AIPMA, Vol. 2, No. 2, 2014, pp 37-41.

Editor/Reviewer:

Worked as Associate Editor of Indoceram of AIPMA, a National Journal of All India Pottery Manufacturer Association.

Membership of Professional Bodies:

- Member of The Indian Ceramic Society.
- Member of The Indian Institute of Ceramics.

Any others:

- Worked as examiner of B. Tech (Chemical Technology) of University of Calcutta.
- Worked as faculty member of the World Bank Services to The Community and Economy Team of Govt. College of Engineering and Ceramic Technology, Kolkata.
- Worked as faculty member of The Indian Institute of Ceramics for conducting refresher courses in Ceramic Technology.