

Resume

## Arghya Kumar Hait, M.Sc., Ph.D.

### ❖ Personal Details

Sex- Male  
Nationality: Indian

Address:  
City College, 102/1 Raja Rammohan Sarani,  
Kolkata-700009, West Bengal, India



Contact Details:

**Mob No: +91 9836340163,**  
**Email ID: arghyahait@citycollegekolkata.org; akhait@hotmail.com**

❖ **Current Position: Associate Professor, Department of Botany, City College, 102/1 Raja Rammohan Sarani, Kolkata-700009. (Under Calcutta University).**

❖ **Teaching Interest:** Pteridophyte, Gymnosperm, Anatomy, Ecology, Palaeobotany, Palynology, and Natural Resource Management.

### Qualifications

Course	University
M.Sc.	Botany, University of Calcutta
Ph.D.	Botany, University of Calcutta
Post Doc.	HWK, ZMT, University of Bremen, Germany.

### ❖ Awards:

1. DST Travel Grant (2005) – To attend PAGES, Beijing, China.
2. IFPS Travel Grant (2004) – To attend IPC, Granada, Spain.
3. HWK Fellowship (2003-2004, 2005) – HWK, Centre for Tropical Marine Ecology and University of Bremen, Germany.
4. Minor Research Project (2001-2003) UGC, GOI, New Delhi.
4. Smithsonian Institution Visitorship (1998) – National Museum of Natural History, Washington DC, USA.
5. British Council Visitorship (1996) – Institute of Arable Crop Research, Rothamstead Experimental Station, UK.
6. IGBP Visitorship (1995) – Frei Universitat, Berlin, Germany.

❖ Technical, workshop & Academic Training :

<b>Programme name and Dates</b>	<b>Where held</b>	<b>Organised by</b>
Hands - on Training on Palaeobotanical and Palynological techniques. 21.04.2014 – 28.04.2014	Department of Botany, University of Calcutta	Centenary Celebration Committee, Department of Botany, University of Calcutta
UGC sponsored Refresher Course 16.03.2006 - 05.04.2006	Academic Staff College, University of Calcutta	Academic Staff College, CU.
Holocene Paleodata Integration and Analysis 04.02 – 06.02.2004	Ocean Margin Research Centre, University of Bremen, Germany	European Science Foundation (ESF).
Quaternary Pollen Analysis April – May, 2004	Institute for Tropical Marine Ecology, Bremen, Germany	University of Bremen, Germany.
UGC sponsored Refresher Course. 01.03. – 21.03.2002	Dept. of Botany University of Calcutta	Academic Staff College, CU.
UGC sponsored Orientation Course.30.12.99 – 8.01.2000	Academic Staff College, University of Calcutta	Academic Staff College, CU.
Environmental bio pollution in relation to human and plant diseases 25.08 - 04.09.96	Rothamsted Experimental Station, UK	The British Council, Calcutta and IACR, UK.

Environmental impact assessment and environmental management plant with regard to ecology 21.03 -31.03.95	Zoological Survey of India, Alipore	Zoological Survey of India, Ministry of Environment and Forest, Govt. of India.
Indo-British workshop on “Biomonitoring of wetlands” 07.12 - 27.12.94	Central Inland Capture Fisheries Research Institute, Barrackpore	CICFRI and The British Council, Calcutta.
Computer Education Programme 07.08-15.09.89	Regional Computer Center, Jadavpur University, Calcutta	Regional Computer Center, Calcutta.

#### ❖ Research Projects and Publications:

##### Research Projects undertaken after joining City College as faculty

[A]. Mangrove community as an indicator of changing sea-level in the lower Bengal delta, India, during late Quaternary.

**Funding Agency:** University Grants Commission, Govt. of India

**Duration:** Twenty Four Months (August 2001 – August 2003);

**Co operation with:** Prof .Sunirmal Chanda, Bose Research Institute, Calcutta.

[B]. Studies on Holocene Mangrove Dynamics and Sea Level changes of the Western Ganga - Brahmaputra Delta, India.

**Funding Agency:** Hanse Wissenschaftskolleg HWK, Germany

**Duration:** Twelve Months (September 2003 – July 2004; May- June 2005).

**Co operation with:** Prof. Dr. Hermann Behling, University of Gottingen, Germany and Centre for Tropical Marine Ecology, Bremen, Germany.

##### Publications arises out of the projects:

Chanda, S. and **Hait, Arghya K.** (2003):The floral and faunal evolution in the Bengal Basin with reference to palaeoclimate during late Quaternary. *Proceedings of GEOSAS – IV*, March 2003, pg. 275 – 292.

**Hait, Arghya K.** and Behling Hermann. (2004). Holocene mangrove dynamics of the western Ganga-Brahmaputra Delta, India, *Pollen***14** pp543.

**Hait, Arghya K.** and Behling Hermann. (2009): Holocene Mangrove and Coastal Environmental Changes in the Western Ganga-Brahmaputra Delta, India. *VegetHistArchaeobot***18**:159-169.

**Hait, Arghya K.** and Behling Hermann. (2019): Responses of the mangrove ecosystem to Holocene environmental change in the Sundarban Biosphere Reserve, India. *ActaPalaeobotanica***59** (2): 391-409.

##### Other Publications after joining City College as Faculty

Sikdar, P. K., Mitra, A., Banerjee, J. and **Hait, Arghya K.** (1998) : Effects of industrialization and urbanization on ambient air in and around Sundarban Biosphere Reserve, West Bengal, India, *Journal of Environmental Studies and Policy***1**(1), 45 – 53.

Chanda, S., **Hait, Arghya K.**, Das, H.K. and Ray, A.K. (1999): Late Quaternary biostratigraphy and paleoenvironment of Bengal Basin with special reference to pollen and microfaunal analysis, *Gondwana Geology Magazine***4**, 265 – 279.

**Hait, Arghya K.**, Das, H.K. and Chanda, S. (1999): Paleoenvironmental changes during late Quaternary in the western Ganges – Brahmaputra Delta, India. *Proceeding on sediment transport and storage in coastal sea – ocean system*, Japan, 318 – 319.

Stanley, D.J., and **Hait, Arghya K.** (2000) : Holocene depositional patterns, neotectonics and Sundarban Mangroves in the western Ganges – Brahmaputra delta, *Journal of Coastal Research***16** (1), 26 – 39.

Stanley, D.J. and **Hait, Arghya K.** and Jorstad, T. (2000): Iron – stained quartz to distinguish Holocene deltaic from Pleistocene alluvial deposits in small core samples, *Journal of Coastal Research***16** (2), 357 – 367.

Stanley, D.J. and **Hait, Arghya K.** (2000) : Deltas, radiocarbon dating and measurements of sediment storage and subsidence, *Geology***28** (4), 295 – 298.

**Hait, Arghya K.** and Chanda, S. (2000) : Late Quaternary evolution of western Ganga – Brahmaputra Delta, *IGBP in India 2000 – A status report on projects*, 344 – 352.

**Hait, Arghya K.**, Das, H.K., Ray, A.K. and Chanda, S. (2000) : Palaeoclimate and palaeoenvironment of Bengal Basin during late Quaternary, *IGBP in India 2000 – A status report on projects*, 335 – 343.

Banerjee, M. and **Hait, Arghya K.** (2005): Palynostratigraphic zonations with emphasis on eco-climatic analysis to resolve major-minor environmental changes in the early Permian sediments of Saharjuri Basin, Jharkhand. *Journal of the Geological Society of India*, **65** ; 411 – 427.

❖ Guidance:

Master's Thesis [2003] – Environmental Impact assessment and Environmental Management Plan in and around Darjeeling. Dibyandu Dutta,. Indian Institute of Ecology and Environment, New Delhi.

M. Phil Thesis [2008] – Mangrove Diversity in the Sundarban Biosphere Reserve, West Bengal. Chandan Acharya, Annamalai University, Tamil Nadu.