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## **Sudip Kumar Roy**

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**Assistant Professor  
Department of Botany  
Charuchandra College  
University of Calcutta  
Calcutta – 700 029**

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### **Present & Permanent Address:**

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### **Academic Records:**

Academic qualification	Board/college/ university	Subject	Year	Division or class
Ph.D.	Deaprtment of Botany, University of Delhi	Botany	2011-present	Thesis to be submitted
M.Phil.	Deapartment of Botany, University of Delhi	Botany	2010	I
M.Sc.	Deapartment of Botany, University of Delhi	Botany	2009	I
B.Sc.	Scottish Church College, University of Calcutta	Botany	2007	I
Higher Secondary	W.B. Board of Higher Secondary Education	Science	2004	I
Secondary (10 <sup>th</sup> )	W.B. Board of Secondary Education	All	2002	I

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### **Work Experience and employment details:**

Presently working as Assistant Professor in Department of Botany,

#### Academic Achievements:

- Qualified the **Joint CSIR-UGC National Eligibility Test (NET)** for Lectureship held in December, 2009.
  - Selected for **Rajiv Gandhi National Fellowship** award for **Junior Research Fellow** from UGC in 2009.
  - Achieved **2<sup>nd</sup> rank** in **M.Phil.** in Department of Botany, **University of Delhi** in 2009-2010.
  - Participation as a speaker & **I prize** in Departmental seminar organized by **Department of Botany, Scottish Church College, University of Calcutta** held in 2005.
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#### Research Experience:

- Worked as **M.Phil. Research fellow** in Environmental Biology Laboratory, Department of Botany, University of Delhi, from 1<sup>st</sup> September, 2009 to 30<sup>th</sup> January, 2011.
- Presently working as **Senior Research Fellow (Ph.D.)** in Plant Systematics Laboratory, Department of Botany, University of Delhi.

#### M.Phil. Thesis Topic:

**Effect of Elevated [CO<sub>2</sub>] and [N<sub>2</sub>] on Quality of Grain and Ultrastructure of leaf of *Oryza sativa* L.**

#### Ph.D. Research Topic:

**Reproductive Biology and Genetic Diversity of RET (Rare, endangered and Threatened) Tree Species of Central and Western Himalaya** as a part of All India Coordinated Research Project on Reproductive Biology of Four RET Tree Species of Central and Western Himalaya sponsored by **Ministry of Environment, Forests and Climate Change**.

#### Paper Presentation in National and International Conferences:

**Climate Change and its impact on ecosystem health. Sudip Kumar Roy, Anshuman Saha and Sauris Panda** in UGC sponsored National Conference **Environmental Impacts on Health: Towards a better future** organized by Bagabasi Morning College on March, 27-28, 2015.

**Climate change vis-à-vis phenological change – it's bearing on ecosystems and the survival of plant species. Sudip Kumar Roy, Anshuman Saha and Sauris Panda** in **International Conference on Environment and Ecology** organized by Foundation for science and environment, Kolkata Indian Institute of Ecology and Environment, New Delhi on March 2-4, 2015

**Effect of CO<sub>2</sub> Enrichment on Growth and Quality of Grain in Wheat and Rice**  
**Sinha P. G., Roy S. K., Bhatnagar A. K.** in **Second International Conference on Climate Change and Sustainable Management of Natural Resources** organized by ITM Universe, iASCA, Gwalior on Dec 5-7, 2010.

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#### Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes:

- Completed **Orientation Programme** at ASC UGC-HRDC University of Calcutta during **10.08.2015 to 08.09.2015** sponsored by **University Grants Commission**.
- Completed 2-week **Faculty Development Program**, organized by Enterprise Development Institute (EDI) Kolkata In association with Entrepreneurship Development Institute of India (EDII) during **28.03.2016 to 08.04.2016** sponsored by: **Deptt. of Science & Technology , Govt. of India**.

#### Workshops and Training Programme Attended:

- Participated in **National Workshop on Reproductive Biology for Biodiversity Conservation** organized by Department of Botany, **University of Jammu** in collaboration with Centre for Biodiversity Studies, BGSB University, Jammu in 2013
- Participated in National workshop on **Reproductive Biology of Flowering Plants for their Conservation and Improvement** sponsored by **Department of Science and Technology** and University of Delhi and organized by Delhi University Botanical Society in 2012.
- Participated in national workshop on **Evolutionary Perspectives in Modern Biological Teaching and Research** organized by **Institute of Life Long Learning, Centre for Science Education and Communication**, University of Delhi in 2011.
- Participated in education programme on **Bioinformatics in Genomics and Proteomics** conducted by **Indian Institution of Technology Kharagpur** in 2007.

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#### **Academic and Administrative Contribution to Institute**

- Editor, Sarjana Journal published by Charuchandra College.
- Member, NAAC steering committee.
- Internal and External Examiner ship of Calcutta University.

#### **Member:**

- **Indian Science Congress**
  - **Delhi University Botanical Society**
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#### **Techniques Expertise:**

- Transmission Electron Microscopy.
- Scanning Electron Microscopy.
- High Pressure Liquid Chromatography.
- Molecular biology Techniques.

#### **Extra-Curricular Activities and Achievements:**

- Vice president of **Delhi University Botanical Society** during 2011-13.
  - Participation and **I prize in Photography Competition** organized by Delhi University Botanical Society in the year 2013
  - Participation and **II prize in Pencil Sketching and fine arts** in Annual Delhi University Cultural Festival organized by University of Delhi in 2012
  - Participation and **II prize in Cartoon Making Competition** organized by Delhi University Botanical Society in the year 2009
  - Participation and **I prize in Cartoon Making Competition** organized by Delhi University Botanical Society in the year 2008
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#### **Personal Skills**

- Good organizational skill with leadership and community activities.
  - Good at planning and chalking out strategies.
  - Good writing skill and public speaking skill.
  - Overall proficiency and knowledge of basic computer operations.
  - Keen learner of new things.
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#### **Personal Information:**

**Nationality:** Indian.

**Date-of-Birth:** 12<sup>th</sup> March, 1987

**Marital Status:** Single

**Hobbies:** Reading, Painting, Wildlife Photography

**Languages Known:** English, Bengali and Hindi

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