

PERSONAL INFORMATION

Dr. Kironmala Chanda



📍 Associate Professor, IIT ISM Dhanbad, Jharkhand 826004, India

☎ +91 326 223 5896 (office) 📠 +91 9430351290

✉ kironmala@iitism.ac.in, kironmala.iitkgp@gmail.com

Sex F | Date of birth 09/01/1985 | Nationality Indian

WORK EXPERIENCE

(from 9 Aug 2023 – till now)

Associate Professor

(from 9 Jun 2016 – 8 Aug 2023)

Assistant Professor

Civil Engineering Department, Indian Institute of Technology (Indian School of Mines) Dhanbad, India

▪ Teaching (UG & PG) and Research

Sector Autonomous Public Technical Universities under Govt. of India

▪ **Teaching responsibilities**

- | | |
|---|--|
| ▪ Fluid Mechanics and Machines (UG) | ▪ Hydraulics and Hydraulic Machines (UG) |
| ▪ Water Resources Engineering (UG) | ▪ Hydraulics and Hydraulic Machines practical (UG) |
| ▪ Advanced Open Channel Flow Sessional (UG) | ▪ Engineering Graphics (UG) |
| ▪ Water Resources Engineering Lab (UG) | ▪ Hydroclimatology (PG) |
| ▪ Fluid Mechanics Lab (UG) | ▪ Research Methodology and Statistics (PhD) |
| ▪ Environmental Engineering (UG) | |

▪ **Research guidance**

- PhD candidates: 6.5 (2 completed + 4.5 ongoing)
- Masters student: 03 (01 completed + 02 ongoing)

▪ **Administrative responsibilities**

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|--|---|
| ▪ <i>Department level</i> | ▪ <i>Institute level</i> |
| ▪ Faculty in charge of Water Resources Engineering Lab | ▪ <i>Faculty-in-charge of Academic (UG) (Nov 2023 – Sep 2024)</i> |
| ▪ Faculty in charge of Departmental imprest fund | ▪ Vice-chairperson of Career Development Centre (CDC) (Oct 2021-Oct 2023) |
| | ▪ Warden for girl's hostel (Jul 2018- Jun 2021) |

(from 9 Jan 2016 – 30 Apr 2016)

Research Assistant

Indian Institute of Technology Kharagpur, India

▪ Temporary Research position

(from 22 Oct 2007 – 14 Jul 2009)

Assistant Systems Engineer

Tata Consultancy Services (TCS) Ltd., India

▪ Software development and support

Sector Leading IT solutions provider with presence in 46 countries

EDUCATION AND
TRAINING

(from 18 Jul 2011 to 8 Jan 2016)

Ph.D.

Department of Civil Engineering, Indian Institute of Technology Kharagpur, India

Title of Thesis: Characterization and Hydroclimatic Prediction of Droughts in the Context of Changing Climate

(from 19 Jul 2009 to 15 Jun 2011)

Master of Technology (M.Tech)

Department of Civil Engineering, Indian Institute of Technology Kharagpur, India

- CGPA: **9.64 out of 10**, First place within the specialization 'Hydraulics and Water Resources engineering' in the dept
- Title of Dissertation: Assessment of Probabilistic Dependence of Rainfall and Streamflow on Outgoing Longwave Radiation using Plackett Copula.

(from 25 Jul 2003 to 30 Jun 2007)

Bachelor of Engineering (B.E.)

Department Civil Engineering, Jadavpur University, India,

- CGPA: **8.29 out of 10**
- Awarded Sarda memorial medal for being '**Best Performer**' in the elective group 'Environmental Engineering'

ADDITIONAL INFORMATION

Publications

Google scholar profile: <https://scholar.google.com/citations?user=sugulpYAAAAJ&hl=en>
 Research gate profile: <https://www.researchgate.net/profile/Kironmala-Chanda/publications>

References

- Prof. Rajib Maity
Professor
Indian Institute of Technology Kharagpur, West Bengal, India
Email: rajib@civil.iitkgp.ac.in, rajibmaity@gmail.com
Contact no: +91 3222 283442 (Office), +91 9433775576 (Mobile)
(PhD supervisor + Master's supervisor)
- Prof. Ashish Sharma
Professor
University of New South Wales, Sydney, Australia
Email: A.Sharma@unsw.edu.au
Contact no: (+61 2) 9385 5768, (+61 2) 9385 6139
(host-supervisor during 2012 student exchange program for 6 weeks)
- Prof. Harald Kunstmann
Professor
KIT / IMK-IFU, Campus Alpin, Garmisch-Partenkirchen, Germany
Email: harald.kunstmann@kit.edu
Contact no: +49 8821 183-208
(academic host during DAAD 2018 research fellowship for 2 months)