

SHORT BIO

01. Name and address : Nabendu Chaki
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03. Academic Qualification :

	Degree	Year	Subject	University/Institution
1.	B. Tech.	1991	Computer Science & Engineering	University of Calcutta
2.	M. Tech.	1993	Computer Science & Engineering	University of Calcutta
3.	Ph.D.*	2000	Computer Science & Engineering	Jadavpur University

*Modelling of Distributed Systems using High Level Net Models; Professor Swapan Bhattacharya, Jadavpur University, 2000.

04. Work experience (in chronological order)

Sl. No.	Position Held	Name of the Employer	Date of	
			Joining	Leaving
1.	Analysis Executive	Indian Market Research Bureau (IMRB)	Sep 01, 1993	Sep. 30, 2013
2.	Systems Officer Trainee	Indian Oil Corporation	Oct. 13, 1993	Nov. 30, 1994
3.	Lecturer	Technical Teachers' Training Institute (ER)	Nov. 30, 1994	Feb. 21, 1999
4.	Lecturer	University of Calcutta	Feb. 24, 1999	Nov. 29, 2003
5.	Research Assistant Professor	Naval Postgraduate School, CA, USA (on lien from CU)	Sep. 05, 2001	Oct. 01, 2002
6.	Reader/Associate Professor	University of Calcutta	Nov. 30, 2003	Jun. 29, 2010
7.	Professor	University of Calcutta	June 30, 2010	Till date

05. Publication Summary

1.	Number of international patents	07
2.	Number of books	08
3.	Number of Edited volumes	41
4.	Number of articles in referred journals	59
6.	Total number of referred papers	231*

** Source: <https://www.scopus.com/authid/detail.uri?authorId=6602146347> as on December 24, 2020

06. Projects / Industry Supported Research (selected)

Sl. No.	Year	Details
1	2019	Title: Connected Smart Health Services for Rural India Approved Funding: ₹ 91,35,000/- (Revised) Funded by: Interdisciplinary Cyber Physical Systems (ICPS) Division, DST, Government of India
2	2018	Title: A Formal Method Based Security Evaluation and Test for Automotive Ethernet and Vehicle to Vehicle (V2V) Communication Technology Approved Funding: US\$ 30,000 Funded by: M/s Keysight Technology, USA.
3	2014	Title: Remote Health: A Framework for Healthcare Service using Mobile and Sensor-Cloud Technologies Approved Funding: ₹ 525,49,000/- (CU share of ₹ 147,19,000/-) Funded by: Ministry of Communications and Information Technology, Government of India.
4	2017	Title: Formal Specification for Secured Software System Recommended for Funding: ₹ 10,80,000/- Funded by: DST, Govt. of India and Ministry of Foreign Affairs and International Cooperation, Italy.

07. Other Relevant Information

MAJOR INTERNATIONAL COLLABORATIONS

- **Visiting Faculty, AGH University, Krakow, Poland, 2013-2019.**
- **Visiting Faculty, Ph.D. Program, Ca Foscari University, Venice, Italy, 2009.**
- Worked first as a **Visiting Research Fellow** and then as a **Research Assistant Professor** in the Department of Computer Science, **US Naval Postgraduate School, Monterey, California, USA** during 2001-2002.
- Collaboration on Image Processing and Biometrics with **Prof. Khalid Saeed, Bialystok University of Technology, Bialystok, Poland**
- Collaboration on Software Engineering with **Prof. Agostino Cortesi, Ca Foscari University, Venice, Italy**

INVITED TALKS, KEYNOTE LECTURES (SELECTED OVERSEAS INVITATIONS)

- Keynote Lecture, *Model Transformation and Code Generation using Verified Requirements*, 21st International Multi-Conference on Advanced Computer Systems (ACS 2018), September 2018, Międzyzdroje, Poland
- Keynote Lecture, *A data-driven Approach towards Forecasting Generalized Mid-term Energy Requirement for Industrial Sector Users of Smart Grid*, 17th International Conference on Information Systems and Industrial Management (CISIM); September 2018, Olomouc, Czech Republic.
- Invited Talk, *Remote Healthcare: Using Technology to Facilitate Quality Healthcare for Citizens*, Warsaw University of Science & Technology, Warsaw, Poland, November 03, 2016
- Invited Talk, *IPv6 and Security Challenges for Internet of Things (IoT)*, Siemens CERT Laboratory; February 28, 2014, Munich, Germany.
- Invited Talk, *A Learners' Quanta Based Framework for Identification of Requirements and Automated Design of Dynamic Web-based Courseware*, 14th Monterey workshop on Innovations for Requirements Engineering, September 10-13, 2007, Monterey, USA.

MEMBERSHIP OF PROFESSIONAL BODIES

- **Founder Chair**, ACM Professional Chapter, Kolkata since January 24, 2014
- **Knowledge Area Editor**, IEEE **SWEBOK**, version 3, 2010
- **Chair**, ISO/IEC JTC1/SC40 India, 2013-15
- **Co-Convener**, WG-20, ISO/IEC JTC1/SC7 India Mirror Committee, 2009-2013
- **Member**, ISO/IEC JTC1/SC7 India Mirror Committee
- **Life Member**, Asiatic Society, India
- **Life Member**, Computer Society of India
- **Life Member**, Indian Science Congress
- **Senior Member**, IEEE