

Mr. N. Jayaraman

Professor & Chair

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Professional Summary

Accomplished organic chemist with extensive research, teaching, and academic leadership experience at the Indian Institute of Science. Internationally recognized for contributions to carbohydrate chemistry and supramolecular chemistry, with over 190 peer-reviewed publications and a strong record of mentoring doctoral researchers.

Academic Appointments

- Professor, Department of Organic Chemistry, IISc — 2011–Present
- Associate Professor — 2006–2011
- Assistant Professor — 2000–2006

Academic Administration

- Chairman, Department of Organic Chemistry, IISc — April 2015–Present

Education

- Postdoctoral Fellow, University of California, Los Angeles — 1998–1999
- Postdoctoral Fellow, University of Birmingham, UK — 1994–1997
(Mentor: Prof. Sir J. F. Stoddart, 2016 Chemistry Nobel Laureate)
- Ph.D. in Chemistry, Indian Institute of Technology Kanpur — 1988–1994
(Supervisor: Prof. S. Ranganathan)
- M.Sc., Annamalai University — 1988
- B.Sc., University of Madras — 1984

Research Interests

- Carbohydrate Chemistry
- Organic Chemistry
- Supramolecular Chemistry

Research Contributions

- Publications: 190 refereed international journal articles (2000–Present)
- Research Supervision:
 - Ph.D. scholars: 36 completed; 8 ongoing
 - Master's (M.S.) theses: 4
 - Project Assistants & Postdoctoral Fellows: 14

Honors & Recognitions

- Tata Chem Chair Professor, IISc — 2025–Present
- Secretary General, Chemical Research Society of India — 2020–Present
- Associate Editor, Glycoconjugate Journal, Springer Nature — 2017–2024
- Associate Editor, Journal of Chemical Sciences, Indian Academy of Sciences — 2017–2023
- Advisory Board Member, Carbohydrate Research, Elsevier
- President, International Carbohydrate Organization — 2014–2016
- Member, International Carbohydrate Organization
- Rajib Goyal Prize, Kurukshetra University — 2011
- Fellow, Indian Academy of Sciences — 2011
- Shanti Swarup Bhatnagar Award, Government of India — 2009
- Diamond Jubilee Distinguished Fellow, ICT Mumbai — 2008–2009
- Prof. S. Swaminathan Endowment Lecture, University of Madras — 2007