

IRISHI N. N. NAMBOOTHIRI

Professor

Department of Chemistry

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MSc: Mangalore Univ, 1988

PhD: Indian Institute of Science, Bangalore, 1994, with Prof. S. N. Balasubrahmanyam

Postdoctoral

Bar-Ilan Univ, Israel, 1995-96, with Prof. A. Hassner

Univ of North Texas, 1997-98, with Prof. A. P. Marchand

Columbia Univ, New York, 1999, with Prof. R. Breslow

Employment

Senior Research Scientist, Sabinsa Corporation, New Jersey, 2000

Assistant Professor: IIT Bombay, 2001-2005

Associate Professor: IIT Bombay, 2005-2009

Professor: IIT Bombay, 2009-Present

Research Interests, *Areas of Specialization*

Organic Synthesis, Physical Organic Chemistry, Reaction Mechanisms

Current Areas of Research

Development of New Synthetic Methods Including Asymmetric Catalysis

Synthesis of Unnatural Products and Novel Materials with Interesting Properties

Study of Various Reaction Pathways

Research Group

PhD Students: 10, MSc/Int PhD Students: 3, Postdoctoral Fellows: 2, Others: 2

PhDs produced: 12; MSc projects supervised: 25 (including 6 external)

Teaching Experience: 13 years at UG, MSc and PhD levels

Awards and Recognition

Chemical Research Society of India (CRSI) Bronze Medal (2014)

Elected Fellow, National Academy of Sciences, India (2013-)

Member, Editorial Board, Journal of Chemical Sciences (2012-)

Governing Body Member and Honorary Faculty, Institute for Intensive Research in Basic Sciences, Mahatma Gandhi University, Kottayam, Kerala (2010-)

Robert Welch Postdoctoral Fellowship (1997-98)

Karnataka Students Welfare Association Scholarship for outstanding performance in MSc (1988)

Publications

85 (>1,000 citations, h index 19): 79 (journals) + 2 (chapters) + 3 (conference proceedings) + 1 (book); patents: 3, patent applications 2

Presentations

20+ Lectures in international conferences (including 1 plenary lecture at Southern Highlands Conference in Australia + 1 invited and 7 contributed lectures in ACS meetings)

20+ invited lectures in national meetings; 50+ other invited lectures

10+ lectures at local symposia/workshops/continuing education programmes

55+ presentations (lectures and posters) by co-workers

Professional Affiliations

American Chemical Society (ACS), Annual Member (1997-)

Chemical Research Society of India (CRSI), Life Member

Indian Chemical Society (ICS), Life Member

High Energy Materials Society of India (HEMSI), Life Member

Indian Association of Chemistry Teachers (IACT), Life Member

Research Projects: DST, CSIR, DAE and ISRO, Indo-French

Services

Member, Editorial Board of Referees, ARKIVOC (2007-)

Reviewer of ACS, RSC, Wiley, Elsevier, Thieme and other international and Indian journals as well as project proposals of DST, CSIR, DAE