



DR. K. R. JUSTIN THOMAS

ASSOCIATE PROFESOR | DEPARTMENT OF CHEMISTRY, INDIAN
INSTITUTE OF TECHNOLOGY ROORKEE, INDIA

HIGHLIGHTS

- Published 137 research articles
- h-index: 38
- Implemented seven sponsored research projects
- Authored six US patents

SELECTED ARTICLES

- ✓ *J. Mater. Chem. C*, **2017**, 5, 709-726.
- ✓ *J. Mater. Chem. C*, **2016**, 4, 4246-4258.
- ✓ *J. Org. Chem.*, **2016**, 81, 640-653.
- ✓ *Chem. Asian J.*, **2016**, 11, 2564-2577.
- ✓ *J. Org. Chem.*, **2015**, 80, 5812-5823.
- ✓ *J. Mater. Chem. C*, **2015**, 3, 2182-2194.
- ✓ *ACS Appl. Mater. Interfaces*, **2015**, 7, 2249-2262.
- ✓ *J. Mater. Chem. A*, **2014**, 2, 5766-5779.
- ✓ *J. Org. Chem.*, **2014**, 79, 3159-3172.
- ✓ *ACS Appl. Mater. Interfaces*, **2014**, 6, 2528-2539.

PROFESSIONAL EXPERIENCE

ASSOCIATE PROFESSOR • INDIAN INSTITUTE OF TECHNOLOGY ROORKEE • OCT 23, 2012 – TO DATE

Eight Ph.D students completed under my supervision.
Implemented three projects. Published 40 research papers.

ASSISTANT PROFESSOR • INDIAN INSTITUTE OF TECHNOLOGY ROORKEE • MAR 18, 2006 – OCT 22, 2012

Two Ph.D. students completed under my supervision. Implemented three projects. Published 31 research papers.

POST-DOCTORAL FELLOW • ACADEMIA SINICA, TAIPEI, TAIWAN • OCT 1997 – APR 2003 & JUNE 2004 – FEB 2006

Developed organic and organometallic materials for organic light-emitting diodes and dye-sensitized solar cells. Co-authored 41 research articles.

POST-DOCTORAL FELLOW • UNIVERSITY OF MASSACHUSETTS, AMHERST, USA • MAY 2003 – MAY 2004

Synthesized dendrimers and small molecules containing donor-acceptor chromophores. Co-authored 4 research articles.

EDUCATION

Ph.D. • 1995 • INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Specialization: Inorganic Heterocycles & Coordination Chemistry

M.Sc. • 1990 • AMERICAN COLLEGE MADURAI

Specialization: Chemistry; Marks: 71%

B.Sc. • 1988 • MADURAI KAMARAJ UNIVERSITY

Specialization: Chemistry, Physics & Mathematics; Marks: 85.7%



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