

Curriculum Vitae

Present Status: Assistant Professor , Department of Planning & Architecture, NIT Rourkela.
Senior Research Fellow, Indian Institute of Technology Kharagpur.

Date of Birth: 9th October, 1986.

Email: sarkart@nitrkl.ac.in, tirthankar.ar.kgp@gmail.com

Contact No.: 09547960987

Qualification: B. Arch., M.C.P. (Masters of City Planning).

Personal Skills: Team working capability, Good communication, Leadership.

Language Known: English, Hindi, Bengali (*mother tongue*).

Area of Interest: Architecture and City Planning

Specialization: Architecture, Transportation planning, Infrastructure planning

**ACADEMIC BACKGROUND**

Degree	School / College / University	Branch	Division/ Class	Year
Doctor of Philosophy (PhD)	Indian Institute of Technology Kharagpur	Area of Research: Transportation Planning	-	ongoing
Master of City Planning (M.C.P.)	Indian Institute of Technology Kharagpur	City Planning	First Division	2012
Bachelor of Architecture (B.Arch.)	Jadavpur University, Kolkata	Architecture	First Class with Honours	2010
Higher Secondary	Ramakrishna Mission Residential College, Narendrapur	Science	First Division	2005
Secondary	Ramakrishna Mission Vidyalaya, Narendrapur	Science	First Division	2003

RESEARCH INTEREST

Architecture

Architectural design
Architectural conservation
Water supply and sanitation

City planning

Transportation and Infrastructure planning
Urban utilities and services

SKILLS

- Experienced with use of IBM SPSS, MS Office, AutoCAD.
- Experienced with Google Sketch Up & Solid works
- Experienced with PTV Vissum (Transportation simulation)

AWARDS /ACADEMIC ACHIVEMENTS

Qualified Graduate Aptitude Test in AR-Architecture and Planning (GATE) in 2010

FELLOWSHIPS / SCHOLARSHIPS:

- Institute Senior Research Fellowship from MHRD at Indian Institute of Technology, Kharagpur, (June 2014 –May 2016)
- Institute Junior Research Fellowship, from MHRD at Indian Institute of Technology, Kharagpur, (2012-2014)
- Graduate Aptitude Test in Engineering (GATE) from MHRD for Masters of City Planning, Indian Institute of Technology, Kharagpur, July 2010 to May 2012
- National Talent Search (NTS) Scholarship, from National Council of Educational Research and Training (NCERT), (2005- 2010)

ACADEMIC EXPERIENCE

Research consultancy projects

- A framework for improving bicyclists' accessibility to rail stations, under the “**Future of Cities**” **megaproject**, Indian Institute of Technology Kharagpur, with support from MHRD, GOVT. OF INDIA .
- Preparing **Development Plan for the city of Korba:Vision 2031**, Chhattisgarh, under Sponsored Research and Industrial Consultancy (SRIC), IIT Kharagpur (2013-2014)

Post Graduate Dissertation

- Some Urban Planning Considerations for Signalized At-Grade Intersections: Case Study of Kolkata

Academic Projects

- **Strategic Action Plan** for Development of KORBA Planning Area (Chattisgarh) (2011-2012)

Under Graduate THESIS

- **Fishermen's Village** at Junput, Purba Medinipore.

TEACHING EXPERIENCES

- Assistant Professor (Ad-hoc) since June 2016 in the Department of Planning & Architecture, NIT Rourkela. (**Subjects taught:** Architectural Design, Working Drawing, Architectural Conservation, and Architectural Professional Practice).
- Teaching Assistant for **Architectural Design** for 4th year architecture students and **Planning Workshop** for Masters of City Planning course, at Department of Architecture and Regional Planning at IIT Kharagpur, July 2011 - December 2015.

PROFESSIONAL EXPERIENCE

- **JONES LANG LaSALLE INDIA (Hyderabad):** As an intern from May 2011 to July 2011 in the Dept. of Research and Real Estate Intelligence Service. Conducted Primary survey and Prepared Quarterly report on residential stock of Greater Hyderabad from April 2011 to June 2011.
- **MOHAN KHADSE ASSOCIATES (NOIDA):** (As a Student Trainee from June 2008 to December 2008) Architectural design, Municipal drawing, Working drawing, Presentation & Site Supervision for various Housing, Commercial and Industrial Projects.
- Worked under **Prof. Ar. Somen Chakraborty**, in projects of Sirdi Sai temple, at Baranagar (Kolkata) and Renovation of Ancestral house of Rishi Bankim Ch.Chattopadhyay at Naihati.(June 2009 to April 2010)

SCIENTIFIC AFFILIATIONS

Council of Architecture [CA/2012/54493]