

ARJUN ANIL KUMAR

ASSITANT PROFESSOR

Department of Management Studies (DMS)
National Institute of Technology, Calicut

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<https://nitc.ac.in/schools/school-of-management-studies/faculty-and-staff/faculty/581d60b3-aa0a-40ff-bfa6-748d34079c71>

Education

Indian Institute of Science

PHD ENGINEERING MANAGEMENT

- Advisor: Prof. Parthasarathy Ramachandran

Bangalore

2015 - 2022

Indian Institute of Technology Kanpur

M.TECH INDUSTRIAL & MANAGEMENT ENGINEERING -8.25/10

- Advisor: Prof. Kripa Sanker

Kanpur

2013 - 2015

College of Engineering

B.TECH ELECTRONICS & COMMUNICATION 7.98/10

Trivandrum

2005 - 2009

Bhavans Varuna Vidyalaya

XII CBSE 93.4/100

Cochin

2004 - 2005

Bhavans Varuna Vidyalaya

X CBSE 89.8/100

Cochin

2002 - 2003

Professional Experience

- 2023– **Assistant Professor**, Department of Management Studies - National Institute of Technology, Calicut
- 2022-2023 **Assistant Professor**, Rajagiri Business School, Cochin
- 2015-2022 **Research Scholar, Department of Management Studies**, Indian Institute of Science, Bangalore
- 2013-2015 **Teaching Assistant, Department of Management Sciences**, Indian Institute of Technology, Kanpur
- 2009-2012 **Design Engineer**, Crompton Greaves CoreEL Technologies, Bangalore

Publications

PUBLISHED

Arjun Anil Kumar, Parthasarathy Ramachandran. 2019. Cross-sectional study of factor influencing the residential water demand in Bangalore . Urban Water Journal, (3): 171-182.

Amritendu Mukherjee, Arjun Anil Kumar, Parthasarathy Ramachandran. 2020. Development of new index-based methodology for extraction of built-up area from landsat7 imagery: Comparison of performance with svm, ann, and existing indices. IEEE Transactions on Geoscience and Remote Sensing, (2): 1591-1603.

Present Skills

Scientific Writing - MS Word, MS Visio and Latex

Coding using R, Python and JavaScript

Simulation and Optimization

Remote Sensing - Google Earth Engine and Colab

Research Experience

Department of Management Studies

*Indian Institute of Science,
Bangalore
2015 - 2022*

ADVISOR: PROF. PARTHASARATHY RAMACHANDRAN

- Dissertation: "Design of Increasing Block Tariffs for pricing Urban Water : A Simulation Approach"

Teaching Experience

- 2022 **Management Information Systems**, Rajagiri Business School
- 2022 **Marketing Analytics**, Rajagiri Business School
- 2023 **Social Media Analytics**, Rajagiri Business School
- 2023 **Introduction to Business Analytics**, Rajagiri Business School
- 2023 **Digital Transformation**, Rajagiri Business School
- 2023 **Business Modelling using R**, Rajagiri Business School
- 2023,2024 **Business Statistics**, National Institute of Technology, Calicut
- 2023 **Big Data Analytics**, National Institute of Technology, Calicut
- 2023 **Management Science Laboratory**, National Institute of Technology, Calicut
- 2024 **Marketing Analytics**, National Institute of Technology, Calicut
- 2024 **Machine Learning and Artificial Intelligence**, National Institute of Technology, Calicut
- 2024 **Data Science for Business**, National Institute of Technology, Calicut
- 2024 **Quantitative Methods in Marketing Decisions**, National Institute of Technology, Calicut
- 2024 **Data Management and Visualization**, National Institute of Technology, Calicut

Industry Experience

- 2009-2012 **Design Engineer**, Crompton Greaves CoreEL Technologies - Design Engineer responsible for coding of RTL Digital Design Blocks and validation on board Xilinx FPGA's. Worked on defence projects such as Digital Beam Former, Radar Finger Print System

Professional Development

INTERNATIONAL EXPOSURE

Selected for Sakura Science Exchange Program in Toyohashi University of Technology - Japan 2019

Participated in the summer school on "Deep Learning" in Gdansk University of Technology, Poland 2019

INVITED TALKS

Invited lecture on "Deep into Cloud" delivered in the Department of Computer Applications, Mar Athanasius College of Engineering, Kothamangalam, Kerala, on March 5,2022 as a part of the Faculty Development Programme (FDP) sponsored by the APJ Abdul Kalam Technological University, Kerala

Invited Talk on "Artificial Intelligence in Diary" in MILMA, Kozhikode as a part of employee training programme in Kozhikode on February 6 2024

TRAININGS ATTENDED

NASA's Applied Remote Sensing Training (ARSET) Program : Crop Mapping using Synthetic Aperture Radar (SAR) and Optical Remote Sensing

PROFESSIONAL MEMBERSHIPS

IEEE Professional Member - 97681235