Prof. Dr. Janki Dodiya

EDUCATION

University of Reading, United Kingdom
PhD   **2011**
Thesis: "An Investigation into Navigation in Spatially Immersive Virtual
Environments: Music for the purpose of Route-Guidance"

University of Reading, United Kingdom
MSc Network Centered Computing, Specialization: High Performance Computing   **2005**

Sardar Patel University, India
Bachelors in Computer Applications   **2002**

RESEARCH AND WORK EXPERIENCE

Professor of Computer Science   **Oct 2021 - current**
IU Internationale Hochschule

Senior Researcher   **Jan 2018 – Feb 2021**
Department of Vehicle Functions Development, Institute of Transportation Systems,
German Aerospace Centre/ Deutsches Zentrum für Luft und Raumfahrt (DLR)

Member of Human Machine Integration Group,

 Member of Systems Architecture Group,   **Oct 2015 – Dec 2017**

Researcher   **Feb 2014 – Jan 2015**
Department of Software for Space Systems and Interactive Visualization,
Institute of Simulation and Software Technology, German Aerospace Centre/ Deutsches
Zentrum für Luft und Raumfahrt (DLR)

Postdoctoral Fellow   **Feb 2012 – Jan 2014**
Department of Software for Space Systems and Interactive Visualization,
Institute of Simulation and Software Technology, German Aerospace Centre/ Deutsches
Zentrum für Luft und Raumfahrt (DLR)

Simulation Developer (Graduate Placement)   **Oct 2004 – Feb 2005**
Center of Virtual Environments, University of Salford

TEACHING AND STUDENT MENTORING EXPERIENCE

IU Internationale Hochschule   **Current**
Professor of Computer science

 University of Hamburg   **2018-2019**
**Adjunct Lecturer – Experimental Design and Data Analysis for Human computer
interaction**

 University of Oldenburg   **2016-2018**
**Lecturer – Exploratory Data Analysis, Data Visualization and Knowledge Discovery
in Databases Process (Masters in Business Intelligence)**

University of Reading

Teaching Assistant – Commercial-Off-the–shelf software and computer hardware   **2008 -2009**

University of Reading   **2008 - 2010**
Academic Mentor
Assist disabled undergraduate and graduate students at University of Reading
by supporting their academic/learning needs

PROFESSIONAL   SERVICES

Technical Committee	IEEE International Conference on Intelligent Reality (ICIR) 2021
International Program Committee	IEEE International Conference on Intelligent Reality (ICIR) 2021
International Program Committee	SVR 2020 22nd Symposium on Virtual and Augmented Reality- Current
Session Chair	IEEE Virtual Reality, 2020
Session Chair	IEEE Aerospace, Human Systems Interaction 2017 – current
International program committee	IEEE Virtual Reality (journal and conference)2018 – current
International program committee	ACM Virtual Reality and Technology 2019 to current
Reviewer	IEEE Virtual Reality (journal and conference)2015 – current
Reviewer	ACM/IEEE Human-Robot Interaction 2020
Session chair	WissensAustauschWorkshop, Visualization of Big Data, Session: Virtual Reality, 2013, DLR, Germany

AWARDS

Academic:

Post-Doctoral Fellowship, Deutscher Akademischer Austausch Dienst (DAAD)	Dec 2011 – Jan 2014
ACET and University of Reading Scholarship for the doctorate study	Oct 2005 – Dec 2010

RESEARCH INTERESTS

Virtual Reality, Augmented Reality, Intelligent Realiy, HMI, HCI, Technology for special users, VR and AR for HCI, Research methodologies and Ethics in Computer Science