

Brief CV



Personal and Educational Details

Employee Name	@IITD Since	Department & Designation
J. UMA MAHESWARI	2008	Civil Engineering , Asstt. Professor

Degree	Specialization	Institute/University	Year
B.Tech.	Civil & Structural Engineering	Annamalai University	1998
M.Tech.	Structural Engineering	Annamalai University	2000
Ph.D.	Construction Project Management	Indian Institute of Technology Madras	2006

Research Areas and Highlights

Design Management, Automation in Design and Construction, Matrix based planning tools, Integrated Design and Construction.

Experience

2 years as Young Scientist at IIT Madras prior to Assistant Professor, IIT Delhi

Teaching Experience	Industrial Experience
8 Years, 0 Months	0 Years, 0 Months

Significant Publications

- J. Uma Maheswari, G. Sandeep Kumar, S.P. Sreenivas Pedala & V. Paul C. Charlesraj, A study on Delay Assessment of Non-Conformances using MDM: A Case Study from Metro Projects, Accepted for ICSDEC 2016 (International Conference on Sustainable Design, Engineering and Construction) to be held during 18th May – 20th May at Arizona State University, Tempe. , Conference , International
- Anil Sawhney & J. Uma Maheswari, Design Coordination Using Cloud-based Smart Building Element Models, IJCISIM, International Journal of Computer Information Systems and Industrial Management Applications, Vol 5, 2013, 445-453. , Journal , International
- Naseef Ummer, J. Uma Maheswari, Vasant A. Matsagar & Koshy Varghese, Factors Influencing Design Iteration with a Focus on Project Duration, ASCE Journal of Management in Engineering, Posted Ahead of Print on 12 Jan 2013 , Journal , International
- Maheswari, J. U. & Kumar, R., "Project Scheduling with the Worker's skill level", 2nd PMIRAC (PMI India Research and Academic Conference), 31st Jan – 2nd Feb 2013, IIT Madras, India. , Conference , National
- Pawan Pandey & J. Uma Maheswari, Work Study for Sustainable Construction: A Case Study Approach, NICMAR Special Issue titled Advances in Sustainable Construction Technology & Project Management, 2015, 19-30. Awarded as the Best Journal paper of the year 2015. , Journal , National

Academic and Research Contributions

Research Guidance (Total Nos. & Last 5 Years Data)

Category	Guidance Status	Total Guidance	In last 5 years
Ph.D.	In Progress	4	4
M.Tech.	Completed	39	35
M.Tech.	In Progress	14	14

B.Tech.	Completed	10	4
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Sponsored Research, Consultancy & Technology Development

Category	Total Projects	Total Value
Sponsored Research Projects	2	2894000

Type of Publication	Level of Publication	Total Publication	In last 5 years
Journal	National	2	1
Conference	International	16	11
Books Edited	International	1	0
Journal	International	7	5
Conference	National	2	2

Patent & IPR

Course Name	L-T-P	Course Belongs To
CONSTRUCTION AND CONTRACT MANAGEMENT	3-0-0	PG
MANAGEMENT OF QUALITY AND SAFETY IN CONSTRUCTION	2-1-0	PG
SEMINAR	0-0-6	PG
CONSTRUCTION MANAGEMENT	3-1-0	UG
PROJECT PLANNING & CONTROL	3-0-0	PG
COMPUTATION LAB FOR CONSTRUCTION MANAGMENT	0-0-6	PG
CONSTRUCTION MATERIALS & INFORMATION TECH. LAB	0-0-6	PG

Awards & Distinctions

- PMI India Young Researcher Award for excellence in teaching and research in project management during Feb 2015
- Received the Best NICMAR Journal Paper Award for the year 2015 for the paper titled "Work Study for Sustainable Construction: A Case Study Approach" in NICMAR Journal Special Issue titled "Advances in

Society Membership, Certification & Training & Any Other Details

- Associate Member, ASCE
- Member, PMI
- Member, GSTF (Global Science and Technology Forum)
- Member, DSM (Design Structure Matrix) Community