

Malnad College of Engineering, Hassan

(An Autonomous Institute, Affiliated to V.T.U, Belagavi)

Faculty Biodata

GENERAL INFORMATION AND ACADEMIC BACKGROUND

PART-A

Field	Details
1. Name (in Block Letters)	DR. SUMANA JAYAPRAKASH
2. Qualification	PhD
3. Date of joining the service at MCE	19/04/1997
4. Department	CIVIL ENGINEERING
5. Current Designation & Experience in MCE	Associate Professor
6. Teaching Experience	U.G. (in Years) : 29 years
Fields of Specialization	Urban Design and Regeneration
Orientation/Refresher/Workshops attended	36

Research Experience & Publications Summary

Category	Count / Value
International Journals	03
Book Chapter	01
Conference Proceedings	05
Total No. of Workshops Attended	35

8. Awards / Prizes / Honors / Recognitions

- M'Arch: Sir Patrick Geddes award for The Best Graduating Student in overall performance
- M'Arch: Vastu shilpa Foundation award for Best Graduating Student in Studio Design
- Recognized as Moodle Achiever by D Y Patil College of Engineering Pune in their newsletter
- Springer Best Paper Award for research paper titled "Exploring Walkable Localities as Organizing Principle of City Plan" under the "Traffic & Urban Planning" theme at the G20 C20 International Conference on Interdisciplinary Approaches in Civil Engineering for Sustainable Development (IACESD - 2023) on 7th and 8th of July 2023.

PART-B

1. List of Publications

Sl. No.	Authors	Title of the paper and Name of the Journal / Conference	Year
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1	Sumana Jayaprakash, Dr. Vimala Swamy	Book Chapter titled "Factor Model of Regenerative Cities"* with Chapter ID "E13S05G35-10AU12" submitted to IIP Book Series "IIPV3EBS05_G35 Futuristic Trends in Construction Materials & Civil Engineering"* under Volume 3, 2023, IIP Proceedings	2023
2	Sumana Jayaprakash, Dr. Vimala Swamy	"Exploring Walkable Localities as Organizing Principle of City Plan" International Conference on Interdisciplinary Approaches in Civil Engineering for Sustainable Development (IACESD-2023) 7-8th July 2023 (Best Paper Award)	2023
3	Sumana Jayaprakash, Dr. Vimala Swamy	"Urban Regeneration: Search for Identity in the Historic Core-A case of Hassan city" Journal of Heritage Management, 8(1), 9-25. https://doi.org/10.1177/24559296231151571	2023
4	Sumana Jayaprakash, Dr. Vimala Swamy	"An Investigation Of The Citizen Perception Of Cities." International Conference "Emerging Trends and Sustainable Developments in Civil Engineering (ETSDCE-2K23)". 27th & 28th April 2023. Sri Siddhartha Institute of Technology, Tumakuru.	2023
5	Sumana Jayaprakash, Dr. Vimala Swamy	"Spatial SWOT Analysis: An Approach for Urban Regeneration" Recent Advances in Civil Engineering. Lecture Notes in Civil Engineering, vol 256. Springer, Singapore. https://doi.org/10.1007/978-981-19-1862-9_2	2022
6	Sumana Jayaprakash, Dr. Vimala Swamy	"Urban Regeneration: Qualifying City Parameters As Per Citizens' Aspirations" 4th International Conference on Civil Engineering Trends and Challenges for Sustainability – (CTCS 2022) Dec 22&23, 2022, NITTE (Deemed to be University)	2022
7	Sumana Jayaprakash, Dr. Vimala Swamy	"Investigation of the participatory approach to Decision making for Urban Regeneration Intervention" 2nd International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICCEASI-22) Babu Banarasi Das University, Lucknow 9-10 February 2022 Page: 39	2022
8	Sumana Jayaprakash, Dr. Vimala Swamy	"Urban Regeneration: Construction of Factor Model" International Conference on advances in Engineering, Architecture, Science and Technology Erzurum Technical University, Faculty of Engineering and Architecture, Erzurum, Turkey 15-17 December 2021 Pages: 562-570	2021
9	Sumana	"An Approach for the selection of area of	2021

	Jayaprakash, Dr. Vimala Swamy	intervention for Urban Regeneration" Vidyabharati International Interdisciplinary Research Journal (Special Issue on Multidisciplinary Academic Research in Current Era, October – December 2021). Pages: 204-209	
10	Sumana Jayaprakash	"Learner Centric Approach: Student Feedback" International Journal of Science and Research (IJSR), Volume 9 Issue 4, April 2020, 349 - 352	2020
11	Sumana Jayaprakash	"Program Educational Objectives Attainment: The Process", International Journal of Science and Research (IJSR), Volume 9 Issue 3, March 2020, 700 - 703	2020
12	Sumana Jayaprakash	"Key Factor for Evaluation of the Engineering Program: PO and PSO Attainment", International Journal of Science and Research (IJSR), Volume 9 Issue 2, February 2020, 1577 - 1581	2020
13	Sumana Jayaprakash	"Attainment of Program Outcomes of Audit Course: Environmental Studies", International Journal of Science and Research (IJSR), Volume 9 Issue 1, January 2020, 261 - 264	2020
14	Sumana Jayaprakash	"Implementations of OBE in the Design of the Course and Assessment Strategies" International Journal of Science and Research (IJSR), Volume 8 Issue 12, December 2019, 1232 - 1238	2019
15	Sumana Jayaprakash	"Innovative Strategies in Implementation of Moodle in Professional Education" International Journal of Science and Research (IJSR), Volume 8 Issue 12, December 2019, 886 - 894	2019

2. Responsibilities in the Department and Institute / University

- Head of the Department
- Co-coordinator Parents Relations Centre Institute Level
- Department Newsletter co-coordinator
- Department UG CAD Lab In charge
- Chairman of Department BOE/BOS/ Industry Advisory Board

3. Details of Teaching Related Activities

Academic Year	Program	Course Title
2026	Civil	Geology, Building materials and components
2026	Civil	Building Planning and Drafting
2025	Civil	Building Information Modelling
2024	Civil	Urban and Rural Planning
2023	Civil	Digital Drafting for Civil Engineers
2023	Civil	Urban Design and Regeneration
2023	Civil	Social Connect and Responsibility
2022	Civil	Building Planning and Drafting
2022	Civil	Universal Human Values
2022	Civil	Biology for Engineers
2022	Civil	Urban Design and Regeneration
2022	Civil	Building Information Modelling

PART-C: Training Courses & FDPs Attended

Name of the Program	Duration	Place	Date
Challenges in Non Conventional Energy Sources	One Week FDP	MCE Hassan	9/4/2018 - 13/4/2018
Professional and Academic Quality in Engineering Courses	One Day	MCE Hassan	23/4/2018
Yoga-Body and Mind Management	Two Day	MCE Hassan	24/4/2018 - 25/4/2018
Total Quality Management	One Week FDP	MCE Hassan	28/5/2018 - 1/6/2018
Building Planning and Design using REVIT Architecture Software	Three days	Vivekananda Institute of Tech, B'lore	10/10/2019 - 12/10/2019
FEEL Teacher	One Day	MCE Hassan	2/11/2019
AICTE sponsored two weeks Pedagogical FDP	Two Weeks	D.Y. Patil College of Engg, Pune	4/11/2019 - 15/11/2019
IGBC Advanced Training Program on Green Buildings	Two Day	India Habitat Centre, New Delhi	28/11/2019 - 29/11/2019

IUCEE International Engineering Educator Pre-Cert Workshop	3 days	MCE Hassan	26/12/2019 - 28/12/2019
City and Metropolitan Planning	15 weeks	Online (SWAYAM/MHRD)	6/1/2020 - 19/4/2020
Transforming Teaching Learning Process through modern pedagogical Techniques	8 weeks	Online (UKIERI - AICTE)	10/1/2020 - 8/3/2020
ICT Tools for Teaching, Learning Process and Institutes	One Week FDP	Stanley College of Engg, Hyderabad	13/1/2020 - 17/1/2020
IUCEE international engineering educator certification Program (IIEECP)	16 weeks	Online	30/1/2020 - 30/5/2020
Light Weight Structures for engineering applications through composites	Two Weeks FDP	Government Engineering College, Hassan	27/1/2020 - 7/2/2020
Research Methods and SPSS Software	One Day	HR Institute of Higher Education	29/2/2020
B Plan Challenge for Women	One Day	NITI Aayog / ATAL MCE Hassan	7/3/2020
Examination Reforms	4 Days	Online (AICTE)	22/4/2020 - 25/4/2020
Veda and Srimad Bhagavad Geeta	15 weeks	Online (SWAYAM)	1/7/2020 - 7/10/2020
UHV Induction Program	One week	Online (AICTE)	21/9/2020 - 25/9/2020
Smart Cities	One week	Online (ATAL/AICTE)	24/8/2020 - 28/8/2020
Leadership and Excellence	One Week	Online (ATAL/AICTE)	31/8/2020 - 4/9/2020
Webinar on 'Work life Balance webinar'	One day	Online (PES College of Engg Mandya)	3/10/2020
Webinar on Sexual Harassment at work place webinar	One day	Online (PES College of Engg Mandya)	10/10/2020
Webinar on 'Ancient Indian Technology in 2020'	One day	Online (B.P. Mandal College, Bihar)	17/10/2020
Webinar on 'Financial Literacy for achieving financial freedom'	One day	Online (PES College of Engg Mandya)	17/10/2020
Effective academic writing and	2 Days	REVA University	17/10/2020 - 18/10/2020

Mendeley-reference management tool			
Effective Teaching for developing communication skills	5 Days	Online (AICTE-STTP NITTTR)	23/11/2020 - 28/11/2020
OBE with assessment and evaluation	One week	Sahrdaya College of Engg, Kerala	7/12/2020 - 14/12/2020
National F.D.P On : Research And Data Analysis	One week	Rankers Coach Gorakhpur / Ochre Mumbai	15/07/2021 - 19/07/2021
Symposium on 'Urban Ecology'	1 Day	Gopalan School of Architecture, Bengaluru	25/06/2022
National Seminar on 'Bharat @75 Unnat Shikshan Unnat Bharat'	2 Days	Karnataka Rajya Mahavidyalaya, Bengaluru	7/09/2022 - 8/09/2022
Advanced Tools and Techniques for best research	One week	Online (RVITM Bengaluru)	26/09/2022 - 30/09/2022
Ecology and Environmental Studies	Online	NITTTR, Kolkata	9/01/2023 - 20/01/2023
Strategic Readiniss for NAAC, NBA and NIRF Excellence	Online	Institute of Academic Excellence	14/08/2026
Sustainable Engineering Concepts and Life Cycle Analysis	Online	NPTEL	1/08/2026 ongoing