



# Malnad College of Engineering, Hassan

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

## Faculty Biodata

### GENERAL INFORMATION AND ACADEMIC BACKGROUND

#### PART-A

1.	Name(inBlockLetters)	<b>SUMANA JAYAPRAKASH</b>
2.	Qualification	<b>M'arch (PhD)</b>
3.	Date of joining the service at MCE	<b>19/04/1997</b>
4.	Department	<b>CIVIL ENGINEERING</b>
5.	Current Designation & Experience in MCE	<b>Asst professor</b>
6.	<b>Teaching Experience:</b> P.G. (in Years) : U.G. (in Years) :	<b>26 years</b>
<b>Research Experience (in Years)</b>		
7.	<p>a) <b>Total Number of years</b></p> <p>b) <b>Years spent in M. Phil. / Ph.D.</b></p> <p>c) <b>Years of Guiding Ph.D. / M. Phil.</b></p> <p>d) <b>Total No. of papers Published in</b></p> <p style="padding-left: 20px;">i. International Journals <b>03</b></p> <p style="padding-left: 20px;">ii. National Journals <b>03</b></p> <p style="padding-left: 20px;">iii. Conference Proceedings <b>-</b></p> <p>e) <b>Total No. of Conferences/Seminar/Workshop Attended</b></p> <p style="padding-left: 20px;">i. International <b>11</b></p> <p style="padding-left: 20px;">ii. National</p> <p style="padding-left: 20px;">iii. State Level</p>	
8.	<b>Awards /Prizes/ Honor's / Recognitions</b>	<p>M' Arch: Sir Patrick Geddes award for The Best Graduating Student in overall performance</p> <p>M' Arch: Vastu shilpa Foundation award for Best Graduating Student in Studio Design</p> <p>Recognized as Moodle Achiever by D Y Patil College of Engineering Pune in their newsletter</p> <p>Springer Best Paper Award for research paper titled "<i>Exploring Walkable Localities as Organizing Principle of City Plan</i>" under the "<i>Traffic &amp; Urban Planning</i>" theme at the G20 C20</p>

		International Conference on Interdisciplinary Approaches in Civil Engineering for Sustainable Development (IACESD - 2023) on 7th and 8th of July 2023.
9.	Fields of Specialization under the Subject / Discipline	Urban Design and Regeneration
10.	Orientation/Refresher Course/Summer School / Winter School/Workshops attended:	36

## PART-B

### 1. List of Publications:

Title			
Sl · N o	Authors	Title of the paper and Name of the Journal/ Conference	Year,
1.	Sumana Jayaprakash Dr. Vimala Swamy	<b>Book Chapter</b> 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	Year 2023  accepted manuscript
2.	Sumana Jayaprakash Dr. Vimala Swamy	<b>Title of the paper</b> “Exploring Walkable Localities as Organizing Principle of City Plan”	Year 2023
		Jayaprakash, S., & Swamy, V. (2023). “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
3.	Sumana Jayaprakash Dr. Vimala Swamy	<b>Title of the paper</b> “Urban Regeneration: Search for Identity in the Historic Core-A case of Hassan city”	Year 2023
		Jayaprakash, S., & Swamy, V. (2023). Urban Regeneration: Search for Identity in the Historic Core–A Case of Hassan City. <i>Journal of Heritage Management</i> , 8(1), 9–25. <a href="https://doi.org/10.1177/24559296231151571">https://doi.org/10.1177/24559296231151571</a>	

4.	Sumana Jayaprakash Dr. Vimala Swamy	<b>Title of the paper</b> "An Investigation Of The Citizen Perception Of Cities. "	Year 2023
		<b>Name of the Journal / Conference</b> International Conference ``Emerging Trends and Sustainable Developments in Civil Engineering (ETSDCE-2K23)". ). 27 <sup>th</sup> &28 <sup>th</sup> April 2023 Sri Siddhartha Institute of Technology, Tumakuru.	
5.	Sumana Jayaprakash Dr. Vimala Swamy	<b>Title of the paper</b> "Spatial SWOT Analysis: An Approach for Urban Regeneration"	Year 2022
		<b>Name of the Journal / Conference</b> Recent Advances in Civil Engineering. Lecture Notes in Civil Engineering, vol 256. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-19-1862-9_2">https://doi.org/10.1007/978-981-19-1862-9_2</a>	
6.	Sumana Jayaprakash Dr. Vimala Swamy	<b>Title of the paper</b> "Urban Regeneration: Qualifying City Parameters As Per Citizens' Aspirations"	Year 2022
		<b>Name of the Journal / Conference</b> 4 <sup>th</sup> International Conference on Civil Engineering Trends and Challenges for Sustainability – (CTCS 2022) Dec 22&23, 2022 NITTE (Deemed to be University)	
7.	Sumana Jayaprakash Dr. Vimala Swamy	<b>Title of the paper</b> "Investigation of the participatory approach to Decision making for Urban Regeneration Intervention"	Year 2022
		<b>Name of the Journal / Conference</b> 2nd International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICCEASI-22) Babu Banarasi Das University, Lucknow 9-10 February 2022 Page: 39	
8.	Sumana Jayaprakash Dr.	<b>Title of the paper</b> "Urban Regeneration: Construction of Factor Model"	Year 2021

	Vimala Swamy		
		<b>Name of the Journal / Conference</b> 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	
9.	Sumana Jayaprakash Dr. Vimala Swamy	<b>Title of the paper</b> "An Approach for the selection of area of intervention for Urban Regeneration"	Year 2021
		<b>Name of the Journal / Conference</b> Vidyabharati International Interdisciplinary Research Journal (Special Issue on Multidisciplinary Academic Research in Current Era, October – December 2021). Indian Academicians and Researchers Association (IARA) in association with Rajabhat Maha Sarakham University, Thailand.31st Oct 2021 Pages: 204-209	
10.	Sumana Jayaprakash	<b>Title of the paper</b> "Learner Centric Approach: Student Feedback"	Year 2020
		<b>Name of the Journal / Conference</b> International Journal of Science and Research (IJSR), <a href="https://www.ijsr.net/search_index_results_paperid.php?id=SR20405133104">https://www.ijsr.net/search_index_results_paperid.php?id=SR20405133104</a> , Volume 9 Issue 4, April 2020, 349 - 352 ISSN: 2319-4979	
11.	Sumana Jayaprakash	<b>Title of the paper</b> "Program Educational Objectives Attainment: The Process",	Year 2020
		<b>Name of the Journal / Conference</b> International Journal of Science and Research (IJSR), <a href="https://www.ijsr.net/search_index_results_paperid.php?id=SR20312164203">https://www.ijsr.net/search_index_results_paperid.php?id=SR20312164203</a> , Volume 9 Issue 3, March 2020, 700 - 703 ISSN: 2319-4979	
12.	Sumana Jayaprakash	<b>Title of the paper</b> "Key Factor for Evaluation of the Engineering Program: PO and PSO Attainment",	Year 2020
		<b>Name of the Journal / Conference</b> ", International Journal of Science and Research (IJSR), <a href="https://www.ijsr.net/search_index_results_paperid.php?id=SR20312164203">https://www.ijsr.net/search_index_results_paperid.php?id=SR20312164203</a>	

		<a href="#">d=SR20225053546</a> , Volume 9 Issue 2, February 2020, 1577 - 1581 ISSN: 2319-4979	
1 3.	Sumana Jayaprakash	<b>Title of the paper</b> "Attainment of Program Outcomes of Audit Course: Environmental Studies",	Year 2020
		<b>Name of the Journal / Conference</b> International Journal of Science and Research (IJSR), <a href="https://www.ijsr.net/search_index_results_paperid.php?id=ART20203959">https://www.ijsr.net/search_index_results_paperid.php?id=ART20203959</a> , Volume 9 Issue 1, January 2020, 261 - 264 ISSN: 2319-4979	
1 4.	Sumana Jayaprakash	<b>Title of the paper</b> "Implementations of OBE in the Design of the Course and Assessment Strategies"	Year 2019
		<b>Name of the Journal / Conference</b> International Journal of Science and Research (IJSR), <a href="https://www.ijsr.net/search_index_results_paperid.php?id=ART20203561">https://www.ijsr.net/search_index_results_paperid.php?id=ART20203561</a> , Volume 8 Issue 12, December 2019, 1232 - 1238 ISSN: 2319-4979	
1 5.	Sumana Jayaprakash	<b>Title of the paper</b> "Innovative Strategies in Implementation of Moodle in Professional Education"	Year 2019
		<b>Name of the Journal / Conference</b> International Journal of Science and Research (IJSR), <a href="https://www.ijsr.net/search_index_results_paperid.php?id=ART20203451">https://www.ijsr.net/search_index_results_paperid.php?id=ART20203451</a> , Volume 8 Issue 12, December 2019, 886 - 894 ISSN: 2319-4979	

2. **Responsibilities in the Department and Institute / University:** (DAC,DPC, BOS, BOE etc., Institutional Governance responsibilities like, Dean, Chief warden, Warden, HOD's, School/Centre Chairperson, IQAC Coordinator etc.)

Sl.No	Responsibilities
1.	<b><u>Co-ordinator Parents Relations Centre Institute Level</u></b>
2.	Co-ordinator <b><u>Department Parents centre</u></b>
3.	<b><u>Department</u></b> Newsletter co-ordinator
4.	<b><u>Department Alumni Co-ordinator</u></b>
5.	<b><u>Department UG CAD Lab In charge</u></b>
6.	Member BOE/BOS/ Industry Advisory Board

3. **Details of Teaching Related Activities**

Sl. No.	Academic Year	(B. E/M.Tech)	Course Title
1	2023	BE	Digital Drafting for Civil Engineers
2	2023	BE	Urban Design and Regeneration

<b>3</b>	<b>2023</b>	<b>BE</b>	<b>Social Connect and Responsibility</b>
<b>4</b>	<b>2022</b>	<b>BE</b>	<b>Building Planning and Drafting</b>
<b>5</b>	<b>2022</b>	<b>BE</b>	<b>Universal Humana Values</b>
<b>6</b>	<b>2022</b>	<b>BE</b>	<b>Biology for Engineers</b>
<b>7</b>	<b>2022</b>	<b>BE</b>	<b>Urban Design and Regeneration</b>
<b>8</b>	<b>2022</b>	<b>BE</b>	<b>Building Information Modelling</b>

Professional Development Activities					
Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	1.	Professional and Academic Quality in Engineering Courses	One Day TEQIP-3/NPIU/MHRD	MCE Hassan	23/4/2018
	2.	Yoga-Body and Mind Management	Two Day TEQIP-3	MCE Hassan	24/4/2018-25/4/2018
	3.	FEEL Teacher	One Day TEQIP-3	MCE Hassan	2/11/2019
	4.	Webinar on Sexual Hassessment at work place webinar	One day TEQIP-3	PES college of Engg Mandya (online)	10/10/2020
	5.	Webinar on "Ancient Indian Technology in 2020"	One day	B. P. Mandal College Of Engineering Madhepura (Bihar), (online)	17/10/2020
	6.	Webinar on "Financial Literacy for achieving financial freedom"	One day TEQIP-3	PES college of Engg Mandya (online)	17/10/2020
	7.	Effective academic writing and Mendeley-reference management tool	2 Days	REVA University	17/10/2020-18/10/2020
	8.	Symposium on "Urban Ecology"	1 Day	Gopalan School of Architecture and Planning, Bengaluru	25/06/2022
Membership/participation in State/Central Bodies/Committees on	National Seminar on "Bharat	2 Days	Karnataka Rajya Mahavidyalaya	7/09/2022-8/09/2022	

	Education, Research and National Development	@75 Unnat Shikshan Unnat Bharat		shikshak sangh Bengaluru	
--	--	--	--	-----------------------------	--



**PART-C**

**RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS**

**1. Published Papers in Journals**

Journal with Vol. Year & Page No.			
Sl · N o	Authors	Title of the paper and Name of the Journal/ Conference	Year,
1.	Sumana Jayapraka sh Dr. Vimala Swamy	<b>Book Chapter titled</b> "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	Year 2023  accepted manuscri pt
2.	Sumana Jayapraka sh Dr. Vimala Swamy	<b>Title of the paper</b> “Exploring Walkable Localities as Organizing Principle of City Plan”	Year 2023
		Jayaprakash, S., & Swamy, V. (2023). “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
3.	Sumana Jayapraka sh Dr. Vimala Swamy	<b>Title of the paper</b> “Urban Regeneration: Search for Identity in the Historic Core-A case of Hassan city”	Year 2023
		Jayaprakash, S., & Swamy, V. (2023). Urban Regeneration: Search for Identity in the Historic Core–A Case of Hassan City. <i>Journal of Heritage Management</i> , 8(1), 9–25. <a href="https://doi.org/10.1177/24559296231151571">https://doi.org/10.1177/24559296231151571</a>	
4.	Sumana Jayapraka sh Dr. Vimala Swamy	<b>Title of the paper</b> "An Investigation Of The Citizen Perception Of Cities. "	Year 2023

		<b>Name of the Journal / Conference</b> International Conference ``Emerging Trends and Sustainable Developments in Civil Engineering (ETSDCE-2K23)". )". 27 <sup>th</sup> &28 <sup>th</sup> April 2023 Sri Siddhartha Institute of Technology, Tumakuru.	
5.	Sumana Jayaprakash Dr. Vimala Swamy	<b>Title of the paper</b> “Spatial SWOT Analysis: An Approach for Urban Regeneration”	Year 2022
		<b>Name of the Journal / Conference</b> Recent Advances in Civil Engineering. Lecture Notes in Civil Engineering, vol 256. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-19-1862-9_2">https://doi.org/10.1007/978-981-19-1862-9_2</a>	
6.	Sumana Jayaprakash Dr. Vimala Swamy	<b>Title of the paper</b> “Urban Regeneration: Qualifying City Parameters As Per Citizens’ Aspirations”	Year 2022
		<b>Name of the Journal / Conference</b> 4 <sup>th</sup> International Conference on Civil Engineering Trends and Challenges for Sustainability – (CTCS 2022) Dec 22&23, 2022 NITTE (Deemed to be University)	
7.	Sumana Jayaprakash Dr. Vimala Swamy	<b>Title of the paper</b> “Investigation of the participatory approach to Decision making for Urban Regeneration Intervention”	Year 2022
		<b>Name of the Journal / Conference</b> 2nd International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICCEASI-22) Babu Banarasi Das University, Lucknow 9-10 February 2022 Page: 39	
8.	Sumana Jayaprakash Dr. Vimala Swamy	<b>Title of the paper</b> “Urban Regeneration: Construction of Factor Model”	Year 2021
		<b>Name of the Journal / Conference</b> 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	

9.	Sumana Jayaprakash Dr. Vimala Swamy	<b>Title of the paper</b> "An Approach for the selection of area of intervention for Urban Regeneration"	Year 2021
		<b>Name of the Journal / Conference</b> Vidyabharati International Interdisciplinary Research Journal (Special Issue on Multidisciplinary Academic Research in Current Era, October – December 2021). Indian Academicians and Researchers Association (IARA) in association with Rajabhat Maha Sarakham University, Thailand. 31st Oct 2021 Pages: 204-209	
10	Sumana Jayaprakash	<b>Title of the paper</b> "Learner Centric Approach: Student Feedback"	Year 2020
		<b>Name of the Journal / Conference</b> International Journal of Science and Research (IJSR), <a href="https://www.ijsr.net/search_index_results_paperid.php?id=SR20405133104">https://www.ijsr.net/search_index_results_paperid.php?id=SR20405133104</a> , Volume 9 Issue 4, April 2020, 349 - 352 ISSN: 2319-4979	
11	Sumana Jayaprakash	<b>Title of the paper</b> "Program Educational Objectives Attainment: The Process",	Year 2020
		<b>Name of the Journal / Conference</b> International Journal of Science and Research (IJSR), <a href="https://www.ijsr.net/search_index_results_paperid.php?id=SR20312164203">https://www.ijsr.net/search_index_results_paperid.php?id=SR20312164203</a> , Volume 9 Issue 3, March 2020, 700 - 703 ISSN: 2319-4979	
12	Sumana Jayaprakash	<b>Title of the paper</b> "Key Factor for Evaluation of the Engineering Program: PO and PSO Attainment",	Year 2020
		<b>Name of the Journal / Conference</b> ", International Journal of Science and Research (IJSR), <a href="https://www.ijsr.net/search_index_results_paperid.php?id=SR20225053546">https://www.ijsr.net/search_index_results_paperid.php?id=SR20225053546</a> , Volume 9 Issue 2, February 2020, 1577 - 1581 ISSN: 2319-4979	
13	Sumana Jayaprakash	<b>Title of the paper</b> "Attainment of Program Outcomes of Audit Course: Environmental Studies",	Year 2020
		<b>Name of the Journal / Conference</b> International Journal of Science and Research (IJSR), <a href="https://www.ijsr.net/search_index_results_paperid.php?id=ART20203959">https://www.ijsr.net/search_index_results_paperid.php?id=ART20203959</a> , Volume 9 Issue 1, January 2020, 261 - 264 ISSN: 2319-4979	

14	Sumana Jayaprakash	<b>Title of the paper</b> "Implementations of OBE in the Design of the Course and Assessment Strategies"	Year 2019
		<b>Name of the Journal / Conference</b> International Journal of Science and Research (IJSR), <a href="https://www.ijsr.net/search_index_results_paperid.php?id=ART20203561">https://www.ijsr.net/search_index_results_paperid.php?id=ART20203561</a> , Volume 8 Issue 12, December 2019, 1232 - 1238 ISSN: 2319-4979	
15	Sumana Jayaprakash	<b>Title of the paper</b> "Innovative Strategies in Implementation of Moodle in Professional Education"	Year 2019
		<b>Name of the Journal / Conference</b> International Journal of Science and Research (IJSR), <a href="https://www.ijsr.net/search_index_results_paperid.php?id=ART20203451">https://www.ijsr.net/search_index_results_paperid.php?id=ART20203451</a> , Volume 8 Issue 12, December 2019, 886 - 894 ISSN: 2319-4979	

**2. Training Courses, Teaching-Learning-Evaluation Technology Programs, Faculty development Programmes IS IT CONDUCTED OR ATTENDED**

Name of Course/Summer/Winter School				
	Sumana Jayaprakash, FDP ATTENDED in the last three years (2018 onwards)			
	Name of the Program attended	Nos of days	Place	Date
1.	Challenges in Non Conventional Energy Sources	One Week FDP TEQIP-3	MCE Hassan	9/4/2018-13/4/2018
2.	Professional and Academic Quality in Engineering Courses	One Day TEQIP-3/NPIU/MHRD	MCE Hassan	23/4/2018
3.	Yoga-Body and Mind Management	Two Day TEQIP-3	MCE Hassan	24/4/2018-25/4/2018
4.	Total Quality Management	One Week FDP TEQIP-3	MCE Hassan	28/5/2018-1/6/2018
5.	Building Planning and Design using REVIT Architecture	Three days	Vivekananda Institute of Technology, B'lore	10/10/2019-12/10/2019

	Software			
6.	FEEL Teacher	One Day TEQIP-3	MCE Hassan	2/11/2019
7.	AICTE sponsored two weeks Pedagogical FDP	Two Weeks FDP AICTE	D.Y. Patil College of Engineering, Pune	4/11/2019-15/11/2019
8.	IGBC Advanced Training Program on Green Buildings	Two Day Indian Green Building Council	India Habitat Centre, New Delhi	28/11/2019-29/11/2019
9.	IUCEE International Engineering Educator Pre-Certification Workshop	3 days IIEECP	MCE Hassan	26/12/2019-28/12/2019
10.	City and Metropolitan Planning	15 weeks SWAYAM/MHRD	Online	6/1/2020-19/4/2020
11.	Transforming Teaching Learning Process through modern pedagogical Techniques	8 weeks UKIERI - AICTE	Online	10/1/2020-8/3/2020
12.	ICT Tools for Teaching, Learning Process and Institutes	One Week FDP- AICTE/UGC/ NBA DIGITAL INDIA/Ministry of Electronics and Information Technology	Stanley College of Engineering and Technology for Women, Hyderabad	13/1/2020-17/1/2020
13.	IUCEE international engineering educator certification Program (IIEECP)	16 weeks IIEECP	Online	30/1/2020-30/5/2020
14.	Light Weight Structures for engineering applications through	Two Weeks FDP-AICTE/	Government Engineering College, Hassan	27/1/2020-7/2/2020

	composites and topology optimization			
15.	Research Methods and SPSS Software	One Day	HR Institute of higher education	29/2/2020
16.	B Plan Challenge for Women	One Day	NITI Aayog / ATAL MCE Hassan	7/3/2020
17.	Examination Reforms	4 Days AICTE	Online	22/4/2020-25/4/2020
18.	Veda and Srimad Bhagavad Geeta	15 weeks SWAYAM	Online	1/7/2020-7/10/2020
19.	UHV Induction Program	One week AICTE	Online	21/9/2020-25/9/2020
20.	Smart Cities	One week ATAL /AICTE	Online	24/8/2020-28/8/2020
21.	Leadership and Excellence	One Week ATAL/AICTE	Online	31/8/2020-4/9/2020
22.	Webinar on “Work life Balance webinar”	One day TEQIP-3	PES college of Engg Mandya (online)	3/10/2020
23.	Webinar on Sexual Hassessment at work place webinar	One day TEQIP-3	PES college of Engg Mandya (online)	10/10/2020
24.	Webinar on "Ancient Indian Technology in 2020"	One day	B. P. Mandal College Of Engineering Madhepura (Bihar), (online)	17/10/2020
25.	Webinar on “ Financial Literacy for achieving financial freedom”	One day TEQIP-3	PES college of Engg Mandya (online)	17/10/2020
26.	Effective academic writing and Mendeley-reference management tool	2 Days	REVA University	17/10/2020-18/10/2020
27.	Effective Teaching for	5 Days AICTE –STTP	Online	23/11/2020-28/11/2020

	developing communication skills	NITTTR/ mhrd		
28.	OBE with assessment and evaluation	One week AICTE –STTP	Sahrdaya College of Engineering and Technology, Kodakara, Thrissur, Kerala.	7/12/2020-14/12/2020
29.	National F.D.P On : Research And Data Analysis	One week	Rankers Coach, Gorakhpur & Ochre (India), Mumbai	15/07/2021-19/07/2021
30.	Symposium on “Urban Ecology”	1 Day	Gopalan School of Architecture and Planning, Bengaluru	25/06/2022
31.	National Seminar on “Bharat @75 Unnat Shikshan Unnat Bharat	2 Days	Karnataka Rajya Mahavidyalaya shikshak sangh Bengaluru	7/09/2022-8/09/2022
32.	Advanced Tools and Techniques for best research	One week RV Institute of Technology and Management, Bengaluru	Online	26/09/2022-30/09/2022
33.	Ecology and Environmental Studies	NITTTR, Kolkata	Online	9/01/2023-20/01/2023

**Note: Do not leave any blank rows and columns. Add/Delete rows/columns appropriately.**