



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(in Block Letters)	Dr. MANU K.C
2.	Qualification	M.Tech , Ph.D
3.	Date of joining the service at MCE	07-02-2011
4.	Department	Civil Engineering
5.	Current Designation & Experience in MCE	Associate Professor 12 Years
6.	Teaching Experience: P.G. (in Years) : U.G. (in Years) :	08 11.5
Research Experience (in Years)		
7.	a) Total Number of years b) Years spent in Ph.D. c) Years of Guiding Ph.D. / M. Phil. d) Total No. of papers Published in i. International Journals ii. National Journals iii. Conference Proceedings e) Total No. of Conferences/Seminar/Workshop Attended i. International ii. National iii. State Level	9 Years 7.5 Years Nil 04 00 00 01 02 00
8.	Awards /Prizes/ Honor's / Recognitions	Nil
9.	Fields of Specialization under the Subject / Discipline	Structural Engineering Corrosion of Steel Structures
10.	Orientation/Refresher Course/Summer School / Winter School/Workshops attended:	Nil

PART-B

1. List of Publications:

Sl. No.	Title	Name of the Journal, Vol. No., Year	ISSN/ISBN/Number
1.	Prediction of Tensile strength and rate of corrosion in cold formed steel coupons	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-Volume 15, Issue 5 Ver. II (Sep. - Oct. 2018), PP 43-49	ISSN: 2278-1684, p-ISSN: 2320-334X,
2.	Over View Of Corrosion And Prediction Of Corrosion Rate in Cold Formed Steel Coupons	International Journal of Engineering Science Invention (IJESI), Volume 7, Issue 10 ,VER IV, Oct 2018,pp12-16	ISSN (Online): 2319 – 6734 ISSN (Print): 2319 – 6726
3.	Evaluation of residual strength on structural steel specimens subjected to corrosion	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6, July 2019	ISSN : 2349-5162
4.	A review on Corrosion and Corrosion Inhibitors in Various forms of Steel Components	International Journal of Creative Research Thoughts, Volume 10 , Issue 2 nd , February 2022	ISSN:2320-2882,

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.	Civil , CADS M.Tech Coordinator
2.	Technical Club Convener
3.	Department CIE Coordinator
4.	Department IQAC Coordinator

3. Details of Teaching Related Activities

Sl. No.	Academic Year	(B. E/M.Tech)	Course Title
1	22- 2023	B.E	1) Strength of Materials 2) Finite Element Analysis 3) Design of RC Structures
2	22- 2023	M.Tech	1) Composite and Smart Materials 2) Earthquake Resistant Design of Structures

Professional Development Activities		
	Membership in profession related committees at state and national level a) At International b) At national level: c) At state :	Nil
	Participation in subject associations, conferences, seminars without paper presentation	Nil
	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	Nil
	Membership/participation in State/Central Bodies/Committees on Education, Research and National Development	Nil
	Publication of articles in newspapers, magazines, or other publications (not covered in category 3); radio talks; television programmes	Nil
	Invited Expert Talks	Nil

PART-C

RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS

1. Published Papers in Journals

Sl. No.	Title	Journal with Vol. Year & Page No.	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Co-authors	Whether you are the main author or Guide / mentor
1	Prediction of Tensile strength and rate of corrosion in cold formed steel coupons	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e- Volume 15, Issue 5 Ver. II (Sep. - Oct. 2018), PP 43-49	ISSN: 2278-1684, p-ISSN: 2320-334X,	Nil	2	Main Author
2	Over View Of Corrosion And Prediction Of Corrosion Rate in Cold Formed Steel Coupons	International Journal of Engineering Science Invention (IJESI), Volume 7, Issue 10, VER IV, Oct 2018, pp12-16	ISSN (Online): 2319 – 6734 ISSN (Print): 2319 – 6726	Nil	2	Main Author
3	Parametric study on seismic behavior of multi storey flat slab building incorporated with mass irregularity	International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 3	ISSN (Online): 2395 –0056, ISSN (Print):	Nil	1	Guide

	with and without shear walls	,Mar 2019.	2395 – 0072,			
4	Evaluation of residual strength on structural steel specimens subjected to corrosion	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6, July 2019	ISSN : 2349-5162	Nil	2	Main Author
5	A review on Corrosion and Corrosion Inhibitors in Various forms of Steel Components.	International Journal of Creative Research Thoughts, Volume 10 , Issue 2 nd , February 2022	ISSN:2320-2882,	Nil	2	Main Author

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

Sl. No.	Name of Course/Summer/Winter School	Duration	Organized By
Organised / Conducted			
1.	Preparation for GATE in Civil Engineering	7 th -8 th Nov. 2015	Civil Engineering Department
2.	Preparation for GATE in Civil Engineering	29 th Nov – 1 st Dec 2016	Civil Engineering Department
3.	TEQIP III Sponsored Three Day Workshop on CYPECAD-Software for Architecture, Engineering and Construction.	27 th April 2018	TEQIP III
4.	TEQIP Sponsored Three Day Workshop on Preparation for GATE in Civil Engineering	11 th -13 th Oct. 2019	TEQIP
5.	TEQIP Sponsored Two Day Hands on Training Workshop on Geotechnical Engineering Laboratory and Its Usage in Design.	1 st -2 nd Nov. 2019	TEQIP
6.	Two day workshop on Structural Dynamics and Earthquake Engineering Laboratory Applications	22 nd -23 rd Jan. 2020	Civil Engineering Department
7.	One Week AICTE Sponsored STTP on Structural Dynamics and Earthquake resistant Design of Structures.	14 th to 19 th December 2020	AICTE
8.	Technical talk on An overview on Research in Structural Engineering by, Dr S. Sundar Kumar, Senior Scientist CSIR-SERC Chennai.	10 th April 2021	Civil Engineering Department
9.	Technical talk on Concept of Corrosion behaviour of steel and its concepts in reinforced concrete by Mr. Ronald Joseph, Scientist, CSIR-SERC Chennai	21 st May 2022	Civil Engineering Department
10.	Two Day Workshop on Preparation for GATE in Civil Engineering.	10 th -11 th June 2022	Civil Engineering Department
11.	One Day Workshop on RCC detailing and Modelling aspects in Earthquake Engineering.	8 th September 2022	Civil Engineering Department

12.	One Week Faculty Development Programme on Outcome Based Education.	19 th -23 rd September 2022	College Level
13.	Technical talk on Career Counselling for Civil Engineers by, Dr S. Sundar Kumar, Senior Scientist CSIR-SERC Chennai.	31 st March 2023	Civil Engineering Department
14.	Two day workshop on Application of Finite Element Analysis in ABAQUS Modelling.	15-16 th May 2023	Civil Engineering Department
Attended			
1	Computer Aided Analysis and Design of Structures. Organised by Structural Engineering Research Center, Chennai	22 nd Jan – 21 st Feb 2018	Chennai
2	Concrete Mix Design and Modern Construction Materials	21 st May – 12 th June	Chennai
3	Introduction to Research Methodologies. Organised by Indian Institute of Technology, Bombay	25 th June -4 th July 2012	Dharwad
4	Technology for Design, Modelling and Production of Composite Structures.	27 th Jan -8 th Feb 2014	Hassan
5	Digital Transformation in Teaching Learning Process	6 th – 22 nd April 2020	Bombay
6	Comprehensive Course on Solar PV System design, Installation and Trouble Shooting.	18 th -22 nd November 2013	Hassan
7	Analytical and Numerical Techniques in Applied Mathematics and Engineering..	28 th July -2 nd August 2014	Hassan
8	Advanced Surveying and Mapping by using Total Station and GPS..	16 th -21 st December 2013	Hassan
9	Recent Advances in Traffic Engineering and Transportation Planning..	8 th – 13 th December 2014	Hassan
10	Advanced Surveying by using Total Station	29 th July -3 rd August 2013	Mandya
11	Challenges in Non conventional Energy Sources	9 th – 13 th April 2018	Hassan
12	Materials for Sustainability of Transportation Infrastructure.	1 st -5 th Feb 2022	Jaipur
13	Recent and Emerging Trends in Structural Engineering	28 th Feb – 5 th March 2022	Lucknow
14	Structural Dynamics and Earthquake Resistant Design of Structures	14 th -19 th December 2020	Hassan
15	Outcome Based Education	19 th -23 rd September 2022	Hassan

3. Papers presented in Conferences, Seminars, Workshops, Symposia

Sl. No.	Title	Title of Conference/Seminar etc.	Dates of the Event	Organized by	Whether International/National/State/Regional /University/College Level
1	Experimental investigations on buckling modes of	International Conference on Infrastructure Development.	21 st - 22 nd December, 2018	Jorhat Engineering college, Assam	International

	corroded and uncorroded compression members				
2	Seismic Performance Evaluation of Post Fire Affected Unconfined and Confined Reinforced Concrete – SMRF Structures	International Conference on The 2022 Structures Congress	16 th – 19 th August, 2022	GECE, Soul Korea	International
3	Design optimization of Telecommunication towers using Particle swarm approach	National Conference on Recent Developments in Civil Engineering	8 th and 9 th April 2011	Vidya Vikas Institute of Engineering and Technology ,Mysore.	National
4	Comparative analysis and seismic response of multi storey building for with and without floating column in near and far field ground motion	National Conference on new generation concrete and its applications	8 th August 2019	Adichuchanagiri institute of technology, Chikkamagaluru	National

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