

Mahendra N. Umare

Faculty in Civil Engineering Department
KDK College of Engineering, Nagpur
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<https://orcid.org/0000-0003-2642-5202>

https://www.researchgate.net/profile/Mahendra_Umare

<https://publons.com/researcher/3041472/mahendra-umare/>

<https://scholar.google.com/citations?hl=en&user=LBILi3cA AAAJ>

<https://hq.ssrn.com/Participant.cfm?rectype=edit&perinf=y&partid=4592748>

Summary:

A motivated professional of 22 years of Teaching Experience to U.G. Program of Civil Engineering in a reputed Engineering Institutes at Nagpur, Maharashtra, India.

Pursuing Ph. D. in Civil Engineering from GH Rasoni University, Amravati. In addition to it, 4 years of field experience including 2 years as Assistant Engineer-II, Water Resource Department (Irrigation Department), Government of Maharashtra through MPSC Exam. Also selected as Deputy Engineer in MPSC - 2007 Exam

RTM Nagpur University Approved PG Teacher and Supervisor for M.E. by Research in Faculty of Engineering & Technology (Civil Engineering)

Well-versed in the NBA & NAAC accreditation process of an Engineering Institution

Expertise in Career Counseling & Guidance

Institutional development as a whole is the prime goal. Besides achieving quality academic standards

Nominated by the Vice- Chancellor of RTM Nagpur University(State Govt. University) as a Member, Board of Studies in Civil Engineering, RTM Nagpur University, Nagpur w.e.f. 23rd October 2015 till Feb. 2018.

Research Interests:

General Civil Engineering, Hydraulics Engineering, Hydro – Environment Engineering, Environment Management & Protection, Water Resource Development and Protection, Higher Technical Education

Education:

G H Raison University, Amravati

Doctor of Philosophy (Ph.D.), Civil Engineering, Pursuing under the supervision of Dr. Leeladhar Pammar, Associate Professor, GHRU, Amravati.

Visvesvaraya National Institute of Technology (VNIT), Nagpur, India

Master's Degree, Hydraulics (Civil Engineering), 2004, *Grade: First*

Regional Engineering College (Now National Institute of Technology) Tiruchirapalli, Tamil-Nadu, India

Bachelor's Degree (Civil Engineering), 1995, *Grade: First*

Experience:

**Assistant Professor in Civil Engineering,
KDK College of Engineering, Nagpur, India
January 2017 onwards**

Officiating Principal

**Nagpur Institute of Technology, Nagpur, India
November 2009 to July 2010 (1 Year)**

Associate Professor & Head of Department

**Nagpur Institute of Technology, Nagpur
August 2009 – December 2016 (7.5 Years)**

Assistant Engineer - I (Group - A Service) - Select

Assistant Engineer-II (Group – B Services)

**Water Resource Department, Government of Maharashtra, India
October 2007 – August 2009 (2 Years) Irrigation Project Investigation Division,
Chandrapur, Maharashtra, India**

Was involved in Water Resource Development related Project Evaluation such as Lift Irrigation, Barrage, etc. Surveying & Investigation, Water availability Certificate. Official correspondence & compliance with Chief Engineering/Superintending Office, AG Audit

Lecturer

**K D K College of Engineering
July 1998 – October 2007 (9 years 4 months) Nagpur
Teaching and Allied Work**

Lecturer

**Chandrapur Polytechnic, Chandrapur, Maharashtra, India
July 1997 – May 1998 (1 Year)
Teaching and Allied Work**

Site Engineer

M/S Pravis Enterprises Pvt Ltd, Chandrapur, Maharashtra, India

June 1995 – June 1997 (2 Years)

Filed Work

Research and Development:**Patent/Copyrights:**

Design Class 19-02 is awarded to “Stapler and Adhesive Tape Unit Set” from the Patent Office, Government of India, Design No. 348107-001, date of issue 19.08.2021

Publications:**Book Chapters:**

1. Mahendra Umare, “Unorganized Workers: Crisis and Management”, International People Management, Volume – III, Chapter No. 15, Page No. 93-96, AIB Saliha Publications, TamilNadu, ISBN – 978-81-947377-6-6
2. Mahendra Umare et.al “Experimental approach to study the fall velocity of different sized particle in quiescent liquid column”, Water Resource Technology-Management for Engineering Applications, Chapter 8, Page No. 85-98, De Gruyter Publication, Milan, <https://doi.org/10.1515/9783110721355-008>
3. Mahendra Umare et. al “Analysis of rainfall and runoff of a catchment area using HYMOS” Water Resource Technology-Management for Engineering Applications, Chapter 1, Page No. 85-98, De Gruyter Publication, Milan, <https://doi.org/10.1515/9783110721355-001>

Research Papers:

Abstract:

International Journal	National Journal	International Conference	Total
14	3	1	17

International Journal Publication

SN	Authors	Title of Paper	Name of Journal, Vol No, Issur No. & Page No.	DOI / Impact Factor	Category of Journal
Session 2021-22					
1	Mahendra Umare	Ageing Water Storage Reservoirs: An Overview of Emerging Risk in India	Academia Letters Article No. 2684	https://doi.org/10.20935/AL2684	Academia Letters
2	Mahendra Umare	Time Based Performance Evaluation of Extracted Pavement Bitumen	International Journal of Advance Research in Science and Engineering, Vol 10, Issue 5 Page No. 80-85	NA	NA
3	Mahendra Umare	Analysis and Design of Building and Cost Optimization with Different Floor System	PENSEE International Journal ISSN: 0031-4773 Vol 51, Issue 4 Page No. 1929 - 1936		
Session 2020-21					
International Journal Publications					
1	Mahendra Umare	“Effect Of Substitution Of Fine Aggregate And Coarse Aggregate With Factory Waste And Construction Waste On Compressive Strength Of Concrete”	Journal of Seybold Report, ISSN NO: 1533-9211 VOLUME 15 ISSUE 9 September, 2020 pp 2579 - 2586	<i>Rank: 29697</i> <i>H-Index: 1</i> <i>SJR:0.102</i> https://www.resurcify.com/all_ranking_details_2.php?id=29697 https://www.scimagojr.com/journalsea	UGC Care List (Group-II) https://seyboldjournal.com/ Scopus Indexed https://www.scopus.com/sourceid/5000159102

				rch.php?q=5000159102&tip=sid	SCImago https://www.scimagojr.com/journalsearch.php?q=5000159102&tip=sid
2	Mahendra Umare	“An Overview Of The Properties Of Foundry Sand And Construction Waste In Concrete”	Journal of Seybold Report, ISSN NO: 1533-9211 VOLUME 15 ISSUE 9 September, 2020 pp 2545 - 2550	Rank: 29697 H-Index: 1 SJR:0.102 https://www.resurcify.com/all_ranking_details_2.php?id=29697 https://www.scimagojr.com/journalsearch.php?q=5000159102&tip=sid	UGC Care List (Group-II) https://seyboldjournal.com/ Scopus Indexed https://www.scopus.com/sourceid/5000159102 SCImago https://www.scimagojr.com/journalsearch.php?q=5000159102&tip=sid

Session 2019-20

National Journal Publications

3	M N Umare, et.al	Quality Sustenance in HEIs: Issues and Challenges Conf: Role of Higher Education Institutions in Tapping Local Resources for Quality Sustenance and Quality Enhancement	Studies in Indian Place Names <i>ISSN: 2394-3114 Vol-40, Special Issue-07, Feb 2020, pp 318-324</i>	<i>Impact Factor: 6.3(RF)Link: https://www.researchfactor.org/2020/01/style-definitions-table.html</i>	UGC Approved Care Journal: https://www.ugccarejournals.com/
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Session 2018-19

International Journal Publications

4	Mahendra Umare, Pradip Nemane	Dimensional Analysis for Determining Optimal Discharge and Penstock Diameter in Reaction Turbines	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653, Volume 7 Issue V, May 2019, pp 847-855	DOI 10.22214/IJRASET IC Value: 45.98; SJ Impact Factor: 7.177	UGC Approved http://www.ugc.ac.in/journal/allist/
5	Mahendra Umare, Dipankar Kamble	Seismic Response of Open Ground Storey with Metallic Damper	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653, Volume 7 Issue V, May 2019, pp 1041-1053	DOI 10.22214/IJRASET IC Value: 45.98; SJ Impact Factor: 7.177	UGC Approved http://www.ugc.ac.in/journal/allist/
6	Mahendra Umare, Ankit Mahure	Investigation on Dynamic Behavior of different types of Retaining Walls with Different Heights	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653 Volume 7 Issue V, May 2019, pp 2350-2357	DOI 10.22214/IJRASET IC Value: 45.98; SJ Impact Factor: 7.177	UGC Approved http://www.ugc.ac.in/journal/allist/
7	Mahendra Umare, Dipankar Kamble	Seismic Response of Open Ground Storey with Metallic Damper A Review	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653, Volume 7 Issue V, May 2019, pp 316-319	DOI 10.22214/IJRASET IC Value: 45.98; SJ Impact Factor: 7.177	UGC Approved http://www.ugc.ac.in/journal/allist/
8	Mahendra Umare, Pradip Nemane	Dimensional Analysis for Determining Optimal Discharge and Penstock Diameter in Reaction Turbines: An Overview	International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Volume 7 Issue IV, Apr 2019, pp 1949-1951	DOI 10.22214/IJRASET IC Value: 45.98; SJ Impact Factor: 6.887	UGC Approved http://www.ugc.ac.in/journal/allist/
9	Mahendra Umare, Ankit Mahure	A Review on Investigation on Dynamic Behavior of different types of Retaining Walls with different Heights	International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Volume 7 Issue IV, Apr 2019, pp 3762-3765	DOI 10.22214/IJRASET IC Value: 45.98; SJ Impact Factor: 6.887	UGC Approved http://www.ugc.ac.in/journal/allist/

Session 2017-18

International Journal Publications

10	Mahendra Umare, Sudhir Kapgate & Sandhya Bodhanwar	Behabitive Approach towards Sustainable Development of the Region	International Journal of Engineering, Research and Technology, (IJERT), Vol 4, Issue 30 ISSN – 2275-0181, April 2018, pp 1-4	DOI : 10.17577	Applied
11	Mahendra Umare, V P Varghese, A M Badar, D P Singh, N R Dhamge	A Review of Blue Economy for Potential Growth of Infrastructure in India	International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE) ISSN (Online) 2456-1290 Vol 3, Issue 1, January 2018, pp 314-318	DOI: 01.1617/vol5/iss1/pid74326 Impact Factor 2018 – 3.8	NA

International Conference Publications

12	Mahendra Umare et al	A review of Blue Economy for potential growth of infrastructure in India	International Conference on Innovative Realms in Civil Engineering, , KDK College of Engineering, Nagpur, 24-25 Jan 2018		
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Session 2015-16

International Journal Publications

13	Mahendra Umare, Ekata Sahare, Taruna Kamble,	Climate Change Effect and Mitigation-Global Initiatives Vs Local Action	International Journal of Computer Application (IJCA), ISSN 0975 – 8887m Proceedings Volume – ICQUEST-2015, Issue – 7, October 2015, pp 23-26	DOI: IJCA/10.5120 https://www.ijcaonline.org/crossref Impact factor for 2014- 0.715 https://www.ijcaonline.org/ijca-statistical-data	NA
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Session 2013-14

International Journal Publications					
14	Mahendra Umare, Dr. S B Thakre	Comparative Study of Canal Design	Journal of River Engineering, ISSN 2345-4199, Vol – II, Issue 4, April 2014, pp 26-34	ISI Impact Factor 2013 – 0.286	NA
15	Mahendra Umare, Neetu Ramteke	Corporate Social Responsibility Management in India: A Tool to Enhance the Socio-Economic Parameters	International Journal of Research and Development in Technology & Management, Vol. 20, Issue 8, 2013, pp 1-11	Impact Factor – 2.1479	NA
16	Mahendra Umare, Dr. A G Bhole, Dr. D P Singh	An Experimental Approach to study Fall Velocity of Different sized particles in Different Liquid Media	International Journal of Technology & Management, ISSN: 2278-7518, Vol. 6, Issue 1, pp 121-125	S J Impact Factor for 2013 – 4.896	NA
National Journal Publications					
17	Mahendra Umare, Taruna Kamble, N U Bonde	Transit Oriented Development: A Tool for Sustainable Urbanization in India	Annual Technical Journal of Institution of Engineers (India), Pune Center, Special Volume No. 38, November 2014, pp 36-41	NA	NA

Honors and Awards:

Jury Member:

Accolade as a *Jury Member* for the Best Article Award – 2019 awarded by *International Sustainable Development and Research Society, Germany* (<http://isdrs.org/17554-2/>)

Research Paper Papers Reviewed:

(For Best Article Award of International Sustainable Development and Research Society, Germany)

1. Millar, N., McLaughlin, E., Börger, T, “The Circular Economy: Swings and Roundabouts?”, Ecological Economics, Elsevier Publication.
2. Ripple, W. J., Wolf, C., Newsome, T. M., Barnard, P., Moomaw, “World Scientists’ Warning of a Climate Emergency”, Bioscience publication.
3. Van Herzele, A., Ceuterick, M., Buizer, M., Leone, “Ecosystem Services as (Co-)performative Practice: Experiences from Integrated Water Management in Flanders”, Ecological Economics, Elsevier Publication.

4. Wachsmuth, J.,Duscha, V., “Achievability of the Paris targets in the EU—the role of demand-side-driven mitigation in different types of scenarios”, Energy Efficiency, Cross Mark Publication.
5. Wironen, B. M., Bartlett, V. R.,Erickson, D. J., ” Deliberation and the Promise of a Deeply Democratic Sustainability Transition”, Sustainability, MDPI Publication.

Reviewing Articles (Text Book):

Text Book on “Perspectives of International Environmental Law”, Champaign, Illinois University Research Park, USA, Common Ground Publishing

Reviewing Articles (Research Papers):

1. Creating Great Places Through Collaborative Efforts: Re-defining the Role of Railway Corridor and Nodes, Conference on Planning Africa – 2014: Creating Great Places, Durban.
2. Informal Settlement as a Great Place, Conference on Planning Africa – 2014: Creating Great Places, Durban.
3. A Place-Based Approach to Spatial Transformation: A Case Study of Transit Oriented Development (TOD), Johannesburg, Conference on Planning Africa – 2014: Creating Great Places, Durban.
4. Collaborating and Partnering for the “Invisible” in Great Places: Experiences and Lessons Learnt for Regional Infrastructure Planning. Conference on Planning Africa – 2014: Creating Great Places, Durban.
5. Making Great Places in Slum/Informal Settlements. Conference on Planning Africa – 2014: Creating Great Places, Durban.
6. Analysis of Factors influencing Construction Cost Overruns in Large Construction Projects of Tamilnadu, Journals Club, India
7. Remote Sensing Of Evapotranspiration in a Southern Mediterranean Forest. Application to Bissa Forest, Algeria for International Academy of Arts, Science & Technology (IAAST) Conference.
8. Modeling of Standard Particulate Matter in Silence Zone in a Cosmopolitan City for Universal Research in Civil and Architecture Engineering (URCAE) Conference
9. The Threatened Historic Urban Landscape and Land Use Planning for the Derevenk Valley, Kayseri, Turkey for Universal Research in Civil and Architecture Engineering (URCAE) Conference
10. Comparative Analysis of Ranking of Factors Contributing to Project Failure in Different

Types of Construction for Universal Research in Civil and Architecture Engineering (URCAE) Conference

11. Formwork Construction Based on Finger Joint Structure for Universal Research in Civil and Architecture Engineering (URCAE) Conference
12. Sustainable Solid Waste Management with Community Participation for Universal Research in Civil and Architecture Engineering (URCAE) Conference
13. Relationship between Water Quality and Fish Diversity in Four Rivers of Johor for Universal Research in Environment and Biological Engineering (UREBE) Conference
14. Solid Waste Collection, Disposal and Segregation: A Case Study of Akluj Town (Maharashtra-India), Global Research and Development Journal, India
15. Rolling Barrier System, Global Research and Development Journal, India
16. GRIHA Rating System, Global Research and Development Journal, India
17. Assumption on Higher Education PhD program in Romania, International Journal of Management & Production (IJMP) [under review]
18. Impact of Roadside Friction Elements on Average Travel Speed And Los of Urban Two Lane Streetsby Using Charts and Regression Analysis Method: A Review
19. Kinetic Modelling and Error Analysis of the Bioremediation of Used Motor Oil Contaminated Soil Using Palm Bunch Ash as Stimulant, MAT Journals, November 8, 2019
20. Black Cotton Soil In Highway Construction, Recent Issues in Civil Engineering and its Sustainable Solutions (RICESS-2019), 14.11.19
21. Development of Integrated River Basin Management for Godavari Basin towards Johannesburg Plan of Sustainable Development, Recent Issues in Civil Engineering and its Sustainable Solutions (RICESS-2019), 14.11.19
22. Economical Design of Ash bund for Disposal of Wonder material- Fly Ash, Recent Issues in Civil Engineering and its Sustainable Solutions (RICESS-2019), 14.11.19
23. Investigation of Properties of Fiber Reinforced Concrete Using Rubber Tyre Tube Wastage as Fibers, Recent Issues in Civil Engineering and its Sustainable Solutions (RICESS-2019), 14.11.19
24. Seasonal Variation in Particulate Matter and Gaseous Pollutants Concentration in Bangalore City, Global Research and Development Journal, 27.5.2020

25. Mechanical Properties of Waste Tyre Ash (WTA) Concrete, Journal of Environmental Engineering and Studies, 14.6.2020
26. Experimental Performance of Jet Flocculator in Square Basin, Journal of Water Resource Pollution and Studies, 2.7.2020
27. The Circular Economy: Swings and Roundabouts?, Ecological Economics, Elsevier Publication, 4.4.2020
28. World Scientists' Warning of a Climate Emergency, Bio Science, American Institute of Bio Science, 4.4.2020
29. Achievability of the Paris targets in the EU—the role of demand-side-driven mitigation in different types of scenarios, Energy Efficiency, Springer Nature Publication, 4.4.2020
30. Deliberation and the Promise of a Deeply Democratic Sustainability Transition, Sustainability, MDPI Journals, 4.4.2020
31. Ecosystem Services as (Co-)performative Practice: Experiences from Integrated Water Management in Flanders, Ecological Economics, Elsevier Publication

Editorial Board /Research Committee Membership:

1. Editorial - Chief, Journals Club, India.
2. Editorial Board, Official Journal of African Development and Resources Research Institute (ADRRI), Ghana, Africa.
3. Member, Editorial Board, International Journal of Innovatory Research in Engineering & Technology, (IJIR) USA.
4. Member, Review Panel, International Journal of Advancements in Research & Technology, Science Research Publication, USA
5. Editorial Board, Independent Journal Management & Production, Spain
6. Reviewer, Common Ground Publishing, University of Illinois Research Park, USA
7. Member, Review Panel, The International Institute of Knowledge Management (TIKM), Srilanka.
8. Editorial Board, International Journal Advanced Research in Civil, Structure, Environmental and Infrastructure Engineering & Developments (IJARCSEIED), India.
9. Editorial Board, International Journal on Computer Science and Emerging Trends, India.
10. Research Volunteer, International Journal of Advances in Engineering and

Technology, India

11. Forex International Journal of Library for Professionals to Publish and Access their Research, India
12. Member, Editorial Board, International Journal of Advance Research in Science and Engineering (IJARSE), India
13. Member, Editorial Board, ISR National Journal of Advanced Research in Civil, Structural, Environmental and Infrastructure Engineering and Developing
14. Member, Review Committee, Universal Researchers in Environmental & Biological Engineering (UREBE), Egypt
15. Member, Review Committee, International Academy of Art Science and Technology (IAAST) **Member, Review Committee**
16. International Conference on Biological and Environmental Science - 2015, Kathu, Phuket, Thailand
 - Member, Review Committee**
International Conference on Bio-medical Engineering and Environmental Technology - 2015, London, United Kingdom.
 - Member, Review Committee**
International Forum on Food, Agriculture and Biological Sciences (FFABS)
 - Member, National Advisory Board of**
International Conference on Advanced Research in Engineering & Technology, Hyderabad, India, December 2012.
 - Scientific Committee Member and Review Panel Member** at TIIKM's International Conference on Digital Marketing (ICODM) 2014, Srilanka (Current)
 - Member (National Level),**
International Conference on Climate Change – 2014, Madurai, TN, India
 - Advisory Committee Member,**
International Conference Emerging Trends in Manufacturing, Engines & Modeling, NMIMS, Mumbai
 - Member, Organizing Committee**
International Conference on Emerging Technology in Structural Engineering (ETSE-2017), Nagpur, India
 - Member, Organizing Committee**
6th International **Conference** on Recent Challenges in Engineering and Technology (ICRCET-18), 24-25th November 2018, Nagpur, India

- *Executive Founder Member of ‘Society for Environment Awareness and Protection’ (SEAP), Nagpur from 2010-2016*
- *Secretary, Indian Society for Technical Education, New Delhi, Chapter NIT, Nagpur 2013-16*

Excellent Work

Water Resources Department, Government of Maharashtra, March 2009

Excellent Work in Technical & Administrative assignment in Irrigation Project Investigation Division Office during Financial Year 2008-09

Mentor

Commonwealth Vocational University, Hahake, Tongatapu, Kingdom of Tonga

Additional Information:

RTM Nagpur University Approved PG Teacher and Supervisor for Master of Engineering by Research under Faculty of Engineering & Technology.

Coordinator, Curriculum Development Workshop for RTM Nagpur University Board of Studies in Civil Engineering Curriculum, January 2014. Member, subject-subcommittee of curriculum development in 2016, 2021

Interests & Expertise:

Research & Technological Developments, Environment Protection & Awareness, Water Resource Development and Protection, Higher Technical Education

Professional Membership:

1. Indian society for technical education (ISTE), New Delhi
2. Computer Science Teacher Association (CSTA), U.S.A
3. Member of International Association of Engineers (IAEngg), Hong-Kong
4. International Association of Computer Science & Information Technology (IACSIT), Singapore
5. Associated Asia Research Foundation
6. World Academy of Science, Engineering & Space (WASES)
7. India Didactics Association
8. International Society for Research and Development (ISRDR), London Press (Under Process)

Workshops/STTP/E-Talks/Webinars attended (2019-20)

S N	Name of Event	Level	Duration	Date From	To	Organized By	Certificate (Y/N)
1.	Webinar on “ <i>Pavement Material Quality and Testing</i> ”	International	1 Day	3.7.2020	--	Department of Civil Engineering, Pallavi Engineering College, Ranga Reddy, Telangana.	Yes
2.	Online AICTE Sponsored One Week STTP under AQIS 2018-2019 on “ <i>Recent Advances in Forensic Analysis of Sub and Super Structure</i> ”	National	1 Week	29.6.2020	4.7.2020	Department of Civil Engineering, VR Siddhartha College of Engineering, Vijaywada.	Awaited
3.							
4.	Online International STTP on “ <i>Advances n Technology and Management in Civil Engineering</i> ”	International	2 Weeks	23.6.2020	3.7.2020	Department of Civil Engineering, KDKCE, Nagpur, ASCE, ICI, IWWA & ISTE	Yes
5.	Webinar on “ <i>Engineered and Scientific Rain Water Harvesting and its Utilization</i> ”	National	1 Day	20.6.2020	--	Builders Engg College, Kangayam, Tirupur	Yes
6.	E-Expert Talk on “ <i>Steel Structures: A Limit State Approach</i> ” by Dr. L M Gupta, VNIT, Nagpur	International	1 Day	17.6.2020	--	Department of Civil Engineering, KDKCE, Nagpur, ASCE, ICI, ACC	Yes
7.	E-Expert Talk on “ <i>Vaastu Shastra in Modern Civil Engineering</i> ” by Dr. Bhupesh Gadge, Omkareshwar Jyotishi Aakhada, MP	International	1 Day	10.6.2020	--	Department of Civil Engineering, KDKCE, Nagpur, ASCE, ICI, ACC	Yes
8.	E-Talk on “ <i>Multi Modal Integration for Metro</i> ” by Er. Mahesh KumarGupta, Joint GM, MMRL, Nagpur	National	1 Day	8.6.2020	--	Indian Concrete Institute, Nagpur Centre.	Yes
9.	E-Expert Talk on “ <i>Aim and Planning of In-situ Testing in Concrete Structures</i> ” by Dr. Umesh Sharma, IIT Roorkey	International	1 Day	6.6.2020	--	Department of Civil Engineering, KDKCE, Nagpur, ASCE, ICI, ACC	Yes
10.	Webinar on “ <i>Low Carbon Building Materials and Techniques to Optimize Carbon Emission</i> ” by Mr. M. Murugu Elan Thendral, Tech. I/n, ACC Limited, Coimbatore, TN	National	1 Day	5.6.2020	--	Tamilnadu College of Engineering, Coimbatore, TN	Yes
11.	Webinar on “ <i>Earthquake Resistant Design of Buildings: Provisions of IS 1893 (Part – 1) 2016</i> ” by Dr. O R Jaiswal, VNIT, Nagpur	International	1 Day	2.6.2020	--	Department of Civil Engineering, KDKCE, Nagpur, ASCE, ICI, ACC	Yes
12.	Online STTP on “ <i>Advances in Civil Engineering Field</i> ”	National	3 Day	1.6.2020	3.6.2020	Kavikulguru Institute of Science and Technology (KITS), Ramtek	Yes
13.	Webinar on “ <i>Infrastructure Planning: An Artificial</i> ”	International	1 Day	30.5.2020	--	Department of Civil Engineering, KDKCE,	Yes

	<i>Intelligence Approach</i> ” by Dr. Rajiv Gupta, BITS, Pilani					Nagpur, ASCE, ICI, ACC	
14.	Webinar on “ <i>Restrained Shrinkage & Thermal Cracking in Concrete</i> ” by Dr. K V L Subramanniam, IIT Hyderabad.	International	1 Day	27.5.2020	--	Department of Civil Engineering, KDKCE, Nagpur, ASCE, ICI, ACC	Yes
15.	Online STTP on “ <i>Infrastructure Development: Possibilities and Challenges ahead</i> ”	National	1 Week	25.5.2020	29.5.2020	New Horizon Institute of Technology and Management, Thane	Yes
16.	Webinar on “ <i>Environment Friendly and Sustainable Materials- An Overview</i> ” by Dr. V G Kondekar, Govt. Poly, Sakoli, Maharashtra, India	International	1 Day	23.5.2020	--	Department of Civil Engineering, KDKCE, Nagpur, ICI, ACC	Yes
17.	Webinar on “ <i>Faecal Sludge Management; Indian Scenario and Way Forward</i> ” by Dr. Girish Pophali, CSRI- NEERI, Nagpur	International	1 Day	19.5.2020	--	Department of Civil Engineering, KDKCE, Nagpur, ASCE, ICI, ACC	Yes
18.	Webinar on “ <i>Rejuvenate with Frequency of Nature</i> ” by Dr. Rakhi Mundada, Psychologist.	State	1 Day	15.5.2020	--	Department of Basic Science & Humanities, KDKCE, Nagpur	Yes
19.	Webinar on “ <i>Innovations and Sustainability through Construction Chemicals</i> ” by Er. Vivek Naik, Director, Apple Chemie, Nagpur	International	1 Day	14.5.2020	--	Department of Civil Engineering, KDKCE, Nagpur, ICI, ACC	Yes
20.	Webinar on “ <i>Intellectual Property Rights (IPR) and Patent : Its Importance To Academic Institution</i> ”	State	1 Day	11.5.2020	--	KDKCE & RGNIIPM, Nagpur	Yes
21.	E-Expert Talk on “ <i>ASCE Infrastructure Report Card</i> ”	International	1 Day	25.6.2020	--	Department of Civil Engineering, KDKCE, Nagpur and American Society for Civil Engineers (Indian Section, Western Region)	Yes
22.	Webinar on “ <i>Progress of Concrete Science since the Time of Duff A Abrams</i> ” by Dr. Biswajit Bhattacharjee, IIT Delhi	International	1 Day	7.5.2020	--	Department of Civil Engineering, KDKCE, Nagpur, ICI, ACC	Yes
23.	Webinar on “ <i>Forensic Structural Engineering</i> ” by Dr. Ranjith Dissanayake, University of Peredeniya, Srilanka and VP of Chamber of Construction Industry, Srilanka	International	1 Day	3.5.2020	--	Department of Civil Engineering, KDKCE, Nagpur, ICI, ACC	Yes
24.	Online Survey on “ <i>New Horizon of ICT for Dissemination of Knowledge and Education on an e-Learning and ODL Platform</i> ”	International	1 Month	May 2020	June 2020	International Journal of Commerce and Management Studies (ISSN-2456-3684)	Yes

	<i>with special reference to professional programs in India amid Covid-19</i>						
25.	Webinar on “Case Study of Failures in Civil Engineering Projects” by Er. H G Joshi, Regional Head (Retd.), SP & Co. Pvt. Ltd.	International	1 Day	30.4.2020	--	Department of Civil Engineering, KDKCE, Nagpur, ICI, ACC	Yes
26.	Workshop on “Research Methodology and Management-2020”	International	1 Week	5.4.2020	11.4.2020	Eudoxia Research Centre, India	Yes

Professional Training:

1. Co-Convener, NAAC Sponsored Virtual National Conference on “A Paradigm Shift for Quality Sustenance in Higher Education through Accreditation” NC-QEA-2021.
2. Organized International Short Term Training Program on “Advancements in Technology Management for Civil Engineering, ATMC-20.
3. Attended Workshop on “Drafting and Filing AQAR and Documentation as per the New Format of NAAC” on 4-5 December 2019 at Shrimati Binzani Mahila Mahavidyala, Nagpur.
4. Attended One – Week’s STTP on “Construction Laws and Management Economics” from 9-14 December 2019 at KDKCE
5. Organizing Secretary, International Conference on Innovative Realms in Civil Engineering (IRICE-2018) at KDKCE, Jan 24-25 2018
6. Attended One-day Workshop on Patent Filing at Pandav College of Engineering, Nagpur, India
7. Attended International Conference on Management, NOVUS-2011 on Feb-2011 at Nagpur.
8. Organized International Conference on Emerging Technology in Structural Engineering (ETSE-17) at KDKCE, March 17-18 2017
9. Attended International Conference on “Higher Education-Challenges & Opportunity” at Nagpur
10. Attended One-Day Workshop on Non-Conventional and Renewable Energy at S.F.S College Seminary Hill, Nagpur on 25 Aug. 2007
11. Attended Short Term Training Program on Design of Earth Reinforced Structures from 11th – 16th June 2007 at Govt. Engineering College, Amravati, MS.
12. Attended National Conference on Innovative in Technology at Manoharbahi Institute of Engineering & Technology, Gondia
13. Attended One – Day meeting on Disaster Management plan formulation of Nagpur city at Office of the Collect orate in July 2006.
14. Attended Short Term Course on Geo-synthetic and Its Practical Application, GPA – 04
15. on 9th – 10th October 2004 at Shri Ramdoebaba Kamala Nehru College of Engineering, Nagpur.

16. Attended AICTE-ISTE Sponsored One-day workshop on Sustainable Management of Environmental Pollution, SMEP 2004 on 25 August 2004.
17. Attended Two week ISTE-AICTE sponsored Short Term Training Program on “Wind Effect on Structure” from October 8, 2003 to October 18, 2003 at Visweswaraya National Insstt. Of Technology, Nagpur.
18. Attended One-Day Workshop on Maintenance & Rehabilitation of Civil Engg. Structures on October 3, 2003 at Rajiv Gandhi College of Eng. Research & Technology, Chandrapur.
19. Two-Week ISTE-AICTE sponsored Short Term Training Program on Maintenance & Rehabilitation of Civil Egg. Structures & System at K.D.K.C.E., Nagpur from 17th Feb. 2003 to 01st March 2003.
20. Attended First ISTE National Student Convention on 24th –25th January 2002 at KDK College of Engineering.
21. Attended One-day workshop on Accreditation of Engineering Institution on 14 December 2001 at KDK College of Engineering.
22. Attended One-day workshop on Curriculum Development for formulation of Nagpur University Civil Engineering in Semester Pattern on 14 September 2001 at KDK College of Engineering.
23. Attended National Conference on Cement, CEMENT 99 at Rajive Gandhi College of Engineering, Research & Technology Chandrapur.
24. Attended National Conference on Cracks in Concrete, CONCRACKS on 15th – 16th January 1999 at Institution of Engineers (I), Nagpur Local Center Nagpur.

Expert Lectures Delivered:

- Delivered expert lecture on Traffic Safety at NIT, Nagput.
- Delivered Expert lecture on Rain Water Harvesting with a case study in Faculty Development and Training Program, Government Polytechnic, Bramhapuri, Chandrapur, India on 2nd Jan 2019
- Delivered Expert Lectures at Regional Training Center, Nagpur, Government of Maharashtra to Assistant Engineer –II, Junior Engineer, Section Engineer of Irrigation and Public Works Department, Govt. of Maharashtra on following topics:
 1. Effect of Environment of Structure and its Awareness.
 2. Problems encounters during the construction of Foundation and its remedial measures
 3. Green Building – Materials
 4. Effect of Earthquakes on Civil Engineering Structures
 5. Leakages in Building and water proofing
 6. Components parts of Gravity & Earthen Dam and various zones
 7. Selection of Site for Barrage and Design of its various Components.
 8. Water Benchmarking of Irrigation Projects
 9. Quality of Soil & Field Test
 10. Design of various sections for an Embankment.

Personal Details:

Father's Name: Narayan Maniram Umare
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(Mahendra Umare)