



## **Paper Published (Reputed Journals,Scopus /SCI/UGC care**

### **International Journals [Total: 10]**

- Nagesh T. Suryawanshi, C.B. Nayak, S.B Thakare, G.K.Kate ,”Optimization of self -cured high strength concrete by experimental and grey Taguchi modeling “Iranian journal of science & technology; Transaction of Civil engineering. June,(2022) (<https://doi.org/10.1007/s40996-022-00897-8>)
- Vrushabh Awati, Nagesh Suryawanshi, “Analysis of Cost Variation between Estimated Cost and Actual Cost of Residential Building Project”, International Research Journal of Engineering and Technology (IRJET) Volume: 09 Issue: 02 Feb 2022, 797-802
- Pallavi Patil, Nagesh Suryawanshi\*, Sushma Kulkarni, “Remedial Measures to Rectify Blackspot on National Highway”,ASEAN Journal of Science and Engineering 1(1) (2021) 23-26
- Nagesh T. Suryawanshi Sunil B. Thakare, R.K. Jain “Self-Curing Possibilities Of Blended Concrete Using Water Soluble Polymer” International Journal of Advanced Science and Technology Vol. 29, No. 9s, (2020), pp. 3829-3835,May 2020. ISSN: 2005-4238 IJAST (H index 3)
- .Nagesh T. Suryawanshi Sunil B. Thakare et al. “Influence of high reactive Metakaolin (HRM) on flexural strength of concrete in combination with self-curing agents” International journal of innovative technology and exploring engineering (IJITEE) Volume 9 issue-3, January 2020.ISSN: 2278-3075 (Online)
- “Self-curing assessment of meta kaolin based high strength concrete using super absorbent polymer”, International Journal of Civil Engineering& Technology (IJCIET), Volume 9, Issue 13, December 2018, pp. 871–881 ISSN PRINT : 0976 – 6308 (H Index 22)
- Nagesh T. Suryawanshi et al. “Influence of high reactive meta kaolin on flexural strength of concrete” Journal NX - A Multidisciplinary Peer Reviewed Journal, TDCME-2k18, ISSN: 2581-4230, Page No. 48-49.
- “Effective design of Flexible pavement for low CBR soils” in International Journal of engg. education & Technology,ISSN 2320-883X,Vol.4,Issue 2,on 15<sup>th</sup> April 2016
- “Fffect of phosphate and silicate on remediation of arsenic from drinking water using zero valent iron” Asian academic research journal AARA ISSN: 2319-2801 Volume 1 pp243-251,9May2013
- “Use of eco-friendly material like fly ash in rigid pavement construction & its cost benefit analysis” International Journal of Emerging technology and advanced Engineering.ISSN:2250–2459 Volume2,issue12-December 2012

## **b. National Journals [Total: 4]**

- Nagesh T. Suryawanshi and Sunil B. Takare Modelling of Mixtures Using Taguchi Method to Identify Properties of Self-Curing High Strength Concrete NICMAR-Journal of Construction Management, Vol. XXXVII, No. 1, January-March 2022
- “Seismic analysis of building frame by using Viscose elastic damper” Journal of Structural Engineering, Vol. 36 No.6 pp 433- 440 Feb.-March 2010
- “Feasibility of admixtures like Met kaolin and Micro silica in developing H.P.C.” NICMAR journal, Octo.-Dec.2007.
- “Techno economic benefits of Met kaolin over micro silica developing H.P.C.”CE&CR, July 2007

## **International Conferences [Total: 8]**

- “Self- curing possibilities of blended concrete using water soluble polymer” International Conference On Research And Developments In Engineering & Technology, Management & Sciences – Icrdetms-2019: Chennai, **Tamil Nadu, India**: 14th & 15th December-2019.
- Nagesh T. Suryawanshi , Sunil B. Thakare, “Water Soluble Super absorbent polymer as self-curing agents In high strength cement concrete mixes” IACMAG Symposium 2019  
5-7 March 2019, **I. I. T. Gandhinagar**, India
- “Self- curing possibilities of poly gel in ordinary concrete” International conference at G .H Rasoni COE Nagpur (Autonomous inst.) on Smart technologies for energy, Environment and Sustainable development (ICSTEESD-18), held during 28<sup>th</sup>-29<sup>th</sup>, July 2018.
- "Evaluation of mechanical properties of HSC produced using natural pozzolana incorporated with water soluble polymer". International conference **at I.I.T. Hyderabad** on Composite Materials and Structures on 27th-29th December 2017, Hyderabad, India
- “Evaluation of Self curing possibilities of Metakaolin based HSC”, International conference at Walchand COE Sangli (Autonomous inst.) on “Recent advances in Civil and Environmental Engg.”RACEE2017 ISBN 978-81-931546-4-9 (Print On 4-5<sup>th</sup> March 2017,pp 235-240
- "Assessment of the properties of Composite concrete made by using red mud and rice husk Ash” ICETTA-2013 Yadavrao Tasgaonkar institute of Engineering & technology,India.March 6-7, 2013
- “Evaluation of the properties of Red mud Concrete” ICETE-2013 Dr. J. J. Magdum COE, Jaysingpur, Kolhapur,India.Feb. 22- 23,2013
- “Eco friendly materials & their cost effectiveness to achieve sustainable development” Pravara international conference on emerging trends in engineering,Pravaranagar,Loni. PICETE2008, CV30 Pg.49 dt.20-22<sup>th</sup> Dec. 2008.

## **National Conference [Total: 4]**

- Self -curing assessment by using PVA as self- curing agents in convention concrete National conference on technical revolution held on 9-10<sup>th</sup> Jan.2015 at ABMSPs APCOER, Pune
- “Behaviour of composite concrete made by using red mud and rice husk ash under Compression and tension” IEI annual technical paper meet-2013 Pune local Centre dated 20/11/2012
- “Assessment the properties of Self cured concrete” Vidya Pratishthan’s College of Engineering, Baramati dated 28<sup>th</sup> Feb.2012.
- ”Self -Curing Concrete” S. B. Patil College Of Engineering Indapur dated 6<sup>th</sup> & 7<sup>th</sup> Jan.2012

## **Book Chapters [Total: 2]**

### **SPRINGER BOOK SERIES CHAPTERS**

- Nagesh T. Suryawanshi, Sunil B. Thakare (2019) “Self-curing Possibilities of Polygel in Ordinary Concrete” **Springer book series** conference paper, Smart Technologies for Energy, Environment and sustainable Development. pp. 231-239 **Online ISBN** 978-981-13-6148-7
- Nagesh T. Suryawanshi , Sunil B. Thakare (2020) “Water Soluble Super absorbent polymer as self-curing agents in high strength cement concrete mixes” **Springer book series:** Lecture Notes in Civil Engineering, Vol. 56, Amit Prashant et al. (Eds): Advances in Computer Methods and Geomechanics , ISBN:978-981-15-0889-9, 487769\_1\_En, (46)

## **FDPs/ Workshop/ Seminar/webinars attended [Total: 34].**

- One week state level faculty development programme on “National board of accreditation-Process, System & Criteria” organized by SBPCOE Indapur on 16<sup>th</sup> -20<sup>th</sup> December 2019.
- Faculty development program on “Cyber Security” organized by faculty development centre in cyber security and Data Sciences hosted by SBPCOE Indapur conducted by FDCPMMNMTT, during 19<sup>th</sup> August-24<sup>th</sup> August 2019.
- AICTE-ISTE approved induction/refresher programme on “Intelligent soft computing techniques” held during 10-14<sup>th</sup> Dec.2018 at JSPMs Narhe technical campus, Pune.
- AICTE-ISTE approved induction/refresher programme on “Application of Total Station, green building concept and design of structures: Field practice” held during 24- 28<sup>th</sup> Dec.2018 at SBPCOE, Indapur.
- Two days FDP on “CO, PO mapping attainment and IPR on 10-11<sup>th</sup> Dec. 2018 at SBPCOE, Indapur
- One week STTP on Structural audit & health monitoring of building using NDT analysis on 7-11<sup>th</sup> May 2018 at SBPCOE, Indapur.

- Two days FDP on “Effective teaching learning practices” on 26-27 Aug. 2017 at SBPCOE Indapur
- One day FDP on “Outcome based education” on 8th Sept. 2017 at SBPCOE, Indapur
- One week STTP on “Effective Thesis writing and research methodology” on 31 Oct.- 4 Nov. 2017 at SBPCOE, Indapur.
- Two week ISTE- STTP on Introduction to Structural Engineering conducted by IIT Kharagpur on 30<sup>th</sup> Nov.- 9<sup>th</sup> Jan. 2016 at Remote centre-SBPCOE, Indapur
- Two week ISTE-TEQIP STTP on Advanced research thrust areas in engineering and Sciences on 21-30 Nov. 2015 at Govt. College of Engineering Karad
- One day work shop TE Civil Syllabi revision (2012 course.) on 9<sup>th</sup> June 2014 MIT College, Pune
- Two week ISTE workshop on Fluid Mechanics conducted by IIT Kharagpur on 20<sup>th</sup>-30<sup>th</sup> May 2014 at Remote centre-SBPCOE Indapur
- "ISTE workshop on “Introduction to Research Methodologies”, on June 2012 at Remote centre-SBPCOE, Indapur.
- Workshop on teaching methodologies for construction & management related subjects in Civil Engineering on Mar. 2012 at VIIT Pune.

#### **ICT mode FDPs/STTPs/Webinars / Quiz attended**

- Five day online faculty development program on, ‘Current research trends in Civil Engineering’ organised by OP Jindal University (Chhatisgarh) in between 16-20 Jan. 2023.
- Participated in 5 days virtual Faculty Development Program on ‘Sustainable Repair & Rehabilitation of Constructed Facilities organized by School of Civil Engineering on 13-17 Feb. 2023 at Vellore Institute of Technology, Chennai.
- Successfully completed the course ‘Energy literacy training’, spanning over 12 modules on 28<sup>th</sup> Dec. 2022.
- One week online FDP on “Outcome based education step towards excellence” from 11-15 th May 2020 under Margadarshan scheme of AICTE, New Delhi organized by GCOE Karad.
- Four days online FDP on “Research, Funding Projects & IPR” organized by K.C. College of Engineering & Management studies & Research Thane (E) from 7-10 th May 2020.
- One week “Faculty Oriented Communication Skill Upgradation Sessions” organized by NCER Talegaon Pune and DBATU Lonere sponsored by TEQIP-III from 27/4 to 2/5/200
- One week STTP on “Infrastructure Development: Possibilities And Challenges Ahead” organized by New horizon institute of technology and Management, Thane from 25-29 th May 2020.
- ICT mode STTP on “HRD through training & development “organized by NITTTR Kolkata during 27/4-1/5/2020.
- Topic on “All about white topping “organized by Indian concrete institute –Bangalore centre on 6 th May 2020.
- India first leadership talk with Prof. D.P.Singh, Chairman UGC broadcasted on 9 th May, 2020 by MHRD’s innovation cell.
- Topic on “Achieving sustainable concrete through use of Mineral admixtures” organized by Indian concrete institute –Bangalore centre on 8 th May 2020.
- Topic on “Structural audit of building “ by Dr Madhav Kumthekar organized by K.D.K college of Engineering Nagpur on dated 10 th May 2020

- One week webinar series on "Metro rail technology- Practices & issues" organized by RIT, Islampur during 11-15 th May 2020.
- Topic on "Role of Supplementary Cementitious materials On Concrete Durability" organized by Pillai HOC COE & T Rasayan on 19 th May 2020.
- Topic on "Use Of Construction Chemicals In Construction Industry" organized by RIT, Islampur on 20 th May 2020.
- Topic on "Legal Aspects Of Civil Engineering " by Dr Madhav Kumthekar organized by DR Daultrao Aher college of Engineering Karad webinar series from 21-22 May 2020.
- Topic on "Restrained Shrinkage And Thermal Cracking In Concrete " by Dr K.V.L.Subramaniam organized by K.D.K COE Nagpur on dated 27 th May 2020.
- Topic on "Accelerating Industry 4.0-A Post Covid Paradigm organized by ICT Academy on dated 26 th May 2020.
- Topic on "Prefabricated dry construction technology" by Dr Kishor Kulkarni organized by AISSMS COE Pune on 29 th May 2020
- Topic on "Civil projects & tendering procedure in various sectors " organized by GCOERC, Nashik dated on 22 May 2020.
- Online quiz on construction management organized by AISSMS COE Pune during 18 th -23 rd May 2020
- Online quiz on Basic Civil Engineering organized by SBPCOE Pune during 19 th -26 th May 2020

## **Job Responsibilities:**

### **I. Academic**

#### **University/ Institute Contribution**

- Subject Chairman, Paper Setter & Examiner Appt No. 23102476 for paper Land Use & Land Cover for Honors in Architecture & Town Planning , First half of the year, 2023 SEM. VIII B.E. 2019 (In sem) (Theory) BOS: Civil Engineering.
- Paper Setter & Examiner Appt. No. 23100074 for Paper-(Elective - V) Irrigation & Drainage (401013 C), SEM VIII B.E. 2019 (In sem) (Theory) BOS: Civil Engineering, First half of the year, 2023.
- Worked as member of Syllabus setting committee [TE 2012 Patt.], SP University of Pune.
- Worked as University Question paper setter for UG and PG course, SP Pune university theory exams.
- Worked as Subject Chairman of subject PMEE [2008 patt., 2012 patt.] of TE Civil Class, SP Pune University theory exams.
- Worked as Subject Chairman of subject Environment and energy for Sustainable Construction (601033).M.E. Civil, Construction & Management (2017 course)
- Worked as External Senior supervisor in University Theory Examinations SP University of PUNE
- Worked as Internal Senior supervisor in University Theory Examinations SP University of PUNE
- Worked as Examiner/ Moderator in the University Examination.
- Worked as resource Person, Session Chairman at STTP's & Conference resp.
- Worked as Expert Lecturer at Various Engg. College of SPPU.

### **Faculty as a Resource Person**

- Guest lecture on topic 'Addressing Global warming through Green building material' at Govt. Polytechnic Karad for T.Y. Civil engineering students on 7<sup>th</sup> Oct. 2022.
- Guest lecture on topic 'Contracts, tenders and Arbitration' at SVPM's College of Engineering Malegaon Bk. Tal- Baramati for final year Civil engineering students on 21st March 2023.

### **Organised Guest/Expert Lectures**

- Guest lecture of Dr.Ajay Gaikwad (Associate Prof., PCCOE, Pune) on 'NBA awareness' conducted on 13<sup>th</sup> Oct. 2022
- Guest lecture of Mr. Yogesh Devkar (Chartered Accountant, M/S Devkar & Company, Baramati) on 'Taxation & Financial regulatory bodies' conducted on 31 st Dec. 2022
- Guest lecture of Prof. Shriram Bengal (Lecturer, Govt. Polytechnic, Yavatmal) on, 'Construction Safety' for SE Civil engg. Students conducted on 28th March 2023.

## **II. Administration**

- Worked as Head of Program M. Tech. Construction Management
- Head of Civil Engineering dept.
- Worked as Dean Administration dept.
- Worked as Steering committee coordinator for NAAC,NBA
- Worked as Member of Local Inspection Committee for Engg. & Architecture College of Pune University.
- Worked as Presiding officer in M.LA., M.P.,& Z.P. election
- Doing all kind of work assigned by head of Institute