


<p><b>Mr. Satish Manohar Waysal</b></p> <p>Assistant Professor  MVPS's KBT COE, Nashik  Udoji Maratha boarding campus  Near pumping station,  Gangapur road,  Nashik-13</p>		
<p><b>Research and Teaching Interest:</b></p> <ul style="list-style-type: none"> <li>• Teaching provides opportunity to everyone to develop creativity, self-esteem lifelong learning and overall development of individual and societal. Classroom teaching should be blended with real-life learning. To nurture learning skill among students and facilitate them to enhance their skill.</li> <li>• Research is continuous process of development in the domain. In the field of civil engineering sustainable development is needed. The sustainable construction material, construction management, cement and concrete are research interest areas.</li> </ul>		
<p><b>Scopus ID:</b> <a href="https://scopus.org/authorities/6502216963952">57216963952</a></p>		<p><b>Google Scholar: H Index:</b> 1</p>
<p><b>ORCID: No:</b> <a href="https://orcid.org/0000-0001-5737-9494">https://orcid.org/0000-0001-5737-9494</a></p>		<p><b>Research Gate:</b> Citation</p>
<p><b>Publications: Total: 13</b>  <b>Journals: 05</b></p>		<p><b>Conferences: 08</b></p>
<p><b>Personal information:</b></p>		
<p><b>Date of birth</b></p>	<p>11/07/1984</p>	
<p><b>Present address:</b></p>	<p>Flat no303, Rajgad place, near Akash petrol pump dindoriroad,  Mahasrul Nashik.-13</p>	
<p><b>Email:</b></p>	<p><a href="mailto:Waysal.satish@kbtcoe.org">Waysal.satish@kbtcoe.org</a>  Satish,waysal@gmail.com</p>	
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**Education Qualification:**

<b>Qualification</b>	<b>Institution</b>	<b>Board/University</b>	<b>Year of Passing</b>	<b>%</b>	<b>Class</b>
<b>Ph.D.</b>	SVNIT , Surat	SVNIT	Pursuing	-	-
<b>M.E.</b>	SRES COE, Kopargaon	Pune University	2014	7.35 CGPA	I <sup>st</sup> class
<b>B.E</b>	KKWIEER, Nashik	Pune University	2007	65.45	I <sup>st</sup> class
<b>Diploma</b>	KBP Polytechnic ,Kopargaon	MSBTE	2004	68.45	I <sup>st</sup> class

**Consultancy project undertaken**

1. Consultancy work in structural audit
2. Consultancy work in concrete mix design
3. Consultancy work in material testing
4. Consultancy work in paver block production
5. Consultancy work in soil testing
6. Consultancy work in TPI of structural design and billing
7. Consultancy work in Robotics lab construction

<b>Academic year</b>	<b>Type of work</b>	<b>Amount in Rs</b>
2020-2021	Material testing, Soil testing andStructural audit	89,287/-
2019-2020		69,279/-
2018-2019		5,00,256/-
2017-2018		2,34,770/-
2016-2017		23,38,515/-

**Summary of Experience:**

1. Teaching experience of 12 years
2. Industrial experience 1.5 Years

### **Professional Experience:**

1. Working as Assistant professor in MVP, Smajas, KBT college of engineering nasik since February 2009 till date
2. Worked as structural detailer in Prosthions engineering services, Nashik July 2007- to January 2009

### **Honours and Awards:**

1. Best paper award for Sustainable Mortar Production by Utilizing Post Consumed PET Waste and Copper Slag, ar Advances in structural Technologies (CoAST-2019) at NIT SilcharFebruary1 st to 3 rd ,2019.
2. Received Appreciation award by Management of MVP samaj for worked in NAAC steering committee member.
3. Own 2nd prize in sakalinnovation for utilizing PET resin in bituminous macadam road at nashik.
4. Own 1<sup>st</sup> prize in KarmveerEXPo at KKWIEER Nashik for utilizing PET resin in bituminous macadam road, received Rs.30000 cash prize

### **Teaching Experience (Subject Thought) :**

1. S.E. Structural analysis-I
2. T.E.-Structural analysis-II, Structural design -I and Structural design II, seminar
3. B.E. System approach in civil engineering ( Elective-I) , Quantity survey, contacts and tenders and Projects
4. M.E. Seminar and Project

### **Membership in Professional Organizations:**

1. Associate Membership , of AMIE,

### **Computer Skills:**

1. Proficiency in MS Office
2. SDS/2
3. STAAD Pro

### **Seminars /Workshops/Conference/Camps organized:**

#### **Workshop**

1. **3 days Workshop -research development and innovation ethics (2020-2021)**
2. **One day work shop on concrete mix design (2020-2021)**
3. **2 days Workshop – utilization of waste material in construction for sustainable development (2017-18)**

## **Webinar**

1. **Webinar** on Critical Path Method (Project Management) (2020-2021)
2. **Webinar** Challenges for Civil Engineer Post COVID-19 (2020-2021)
3. **Webinar** Future Career Options in India and Abroad (2019-2020)

## **Seminar**

1. **Seminar** :- application of optimization techniques in the field of civil engineering (2019-20)
2. **Seminar** :- Use of IOT techniques in safety management (2019-20)

## **Faculty development programs (STTP/workshops/QIP) attended:**

### **FDP**

1. Two weeks FDP on "Structural Assessment, Repair and Rehabilitation of Structures", During 24<sup>th</sup> May to 5<sup>th</sup> June 2020, SKCET, Coimbatore, Tamilnadu.

### **Workshop**

2. Online workshop on universal human values on the theme inculcating human values in technical education, during 23-27 July 2020, organized by AICTE,

### **STTP**

3. One Week Online Short-Term Training Programme on "Structural Health monitoring & Retrofitting, Rehabilitation Of Structure" PR Pote college of Engineering, Amravati
4. One-week Virtual Short Term Training Program on Advanced Design of Steel Structures (ADSS-2020) organized by Structural Engineering Division, Department of Civil Engineering, Sardar Vallabhbhai National Institute of Technology, Surat during December 21st - 25th, 2020.
5. One-week Virtual Short Term Training Program on Advances in Earthquake Resistant Design of Structures (AERDS-2021) by Structural Engineering Division, Department of Civil Engineering, Sardar Vallabhbhai National Institute of Technology, Surat during January 18<sup>th</sup> - 22<sup>th</sup>, 2021.
6. AICTE sponsored online short term training program on disaster mitigation and management phase three organized by KPR institute of engineering and technology October 12-17, 2020
7. AICTE sponsored online short term training program on disaster mitigation and management phase II organized by KPR institute of engineering and technology September 14-19, 2020

### **Journal Publication list:**

1. Mr. S. M. Waysal, Dr Y.D. Patil, Dr. B. Z. Dholkiya Feasibility of PET Resin as a Cement Substitute for Sustainable Construction, OP conference series, Volume 829, 2020 (Scopus)
2. Urvashi Kshirsagar, MP Kadam, SM Waysal “Application of Assignment Model in Precast Industry for optimizing raw material procurement cost, Solid State Technology”, Volume 63, pages 1984-1999, 2020 ( Scopus)
3. Ms. Priyanka Nikam and Mr. S. M. Waysal Evaluation of Energy Consumption in Construction, Test Engineering and Management, ISSN: 0193-4120 Page No. 8190 – 8200, 2020( Scopus)
4. Ms. Mninojose , Mr. S. M. Waysal “Forecasting of cash flow in construction projects by using computational tool, Volume 8, issue 2 February 2021, ISSN 1689-9391.”
5. Mr. Shubham Avhad and Mr. S. M. Waysal “Analysis of Factors Causing Delays in Road Project”, Advance Science Letter, volume 26 ISSN 1936-7317 ,2020. (UGC approved)

### **Conference Papers and Posters:**

1. Mrs Shrutikashahne and Mr. S. M. Waysal “Application of Material Management Techniques on a Commercial Building in Nashik City ,Advances in construction Technology and Mangment , ACTM-2021
2. Mr. S. M. Waysal, Dr Y.D. Patil, Dr. B. Z. Dholkiya ,Dr. A M. Bhoi “Sustainable Self-Compacted Concrete Using PET Resin and Copper Slag, Advances in construction Technology and Mangment , ACTM-2021
3. Mr. S. M. Waysal, Dr Y.D. Patil, Dr. B. Z. Dholkiya , “Utilization of Potential of PET Resin and Pond Ash in Cement Mortar, Sustainable Building Materials and Construction (ICSBMC-2021), SVNIT Surat
4. Mr. S. M. Waysal, Dr Y.D. Patil, Dr. B. Z. Dholkiya Use of PET Resin Derived in Various Glycol as a Cement Substitute, Virtual International Conference on Chemical Sciences in Sustainable Technology and Development (IC2S2TD-2020), Svnit Surat
5. Mr. S. M. Waysal, Dr Y.D. Patil, Dr. B. Z. Dholkiya “Feasibility of PET Resin as a Cement Substitute for Sustainable Construction” ICBCC-2020 conference, Tokyo Japan
6. Mr. S. M. Waysal, Dr Y.D. Patil, Dr. B. Z. Dholkiya Recyclability of pet waste in sustainable mortar production, UKERI, NIT, Jalandhar-2019
7. Mr. S. M. Waysal, Dr Y.D. Patil, Dr. B. Z. Dholkiya Sustainable Mortar Production by Utilizing Post Consumed PET Waste and Copper Slag, Advances in structural Technologies (CoAST-2019) at NITSilchar February 1 st to 3 rd ,2019
8. Mr. S. M. Waysal, Dr Y.D. Patil, Dr. B. Z. Dholkiya Utilization of PET Resin as Cement Substitute, SEC18: Proceedings of the 11th Structural Engineering Convention - 2018

### **Curricular/Co-curricular/Extra-curricular activities (Such as Lecture Delivered)**

1. Working as Concrete Technology lab in charge
2. Working as SE civil class coordinator
3. Department library in charge
4. Worked as computer lab in charge
5. Worked as IN sem Exam in charge up to 2020
6. Worked as coordinator for technical event from 2016 to 2018
7. Arranged 15 days training for students at PWD Thane
8. Arranged special practise session for SA-II 2019.
9. Actively involved in the setup of the department laboratories
10. Worked as Class coordinator for BE civil in 2015-16

### **Administrative Responsibilities:**

1. Working as alumni coordinator
2. Working as module coordinator
3. Working as ED cell coordinator
4. Working as canteen quality inspection member
5. Working as department Excellence award coordinator
6. Working as member of staff grievance
7. Working as module co-ordinator
8. Carried out the setup of Paver block unit
9. Worked as institute level brochure co-ordinator
10. Worked as NAAC steering committee member
11. Worked as Fusion Co-ordinator 2020
12. Worked ACCE student chapter coordinator
13. Worked as CSEA coordinator from August 2016 to April 2021
14. Coordinator - farewell for students every year since 2010
15. Organized Visveswaraya trophy in 2011,2012,2013 under CESA
16. Involved in approving institute as structural auditing agency in NMC Nashik.
17. Worked as IEI student chapter coordinator
18. Worked as co-coordinator institute level admission in 2015, to 2017
19. Worked in CAP of SPPU -2015

### **Career Aspirations:**

1. To contribute in technical education by studying new technologies and transferring knowledge to students.
2. To work in team and create good learning environment.
3. To be the part of organisation and ready to work according to needs of organisation progress.
4. To carry out good research activity and contribute by publishing paper and obtaining patent.
5. To get the research grant for project.
6. By utilizing the skill contribute in consultancy work.