

Research And Development.

#### PUBLICATIONS – JOURNALS

- Sivakumar Ramamoorthy and Dr. E. Mohan, “Stationary and Discrete Wavelet Transform Based Satellite Image Resolution Enhancement Technique”, Journal of Taga, Anna university Annexure II, Online ISSN: 1748-0345.
- Sivakumar Ramamoorthy and Dr. E. Mohan, “High Resolution Satellite Image Enhancement Using Discrete Wavelet Transform”, International journal of Applied Engineering Research ISSN: 0973-4562. • Sivakumar Ramamoorthy and Dr. E. Mohan, “A Survey on Various Enhancement Techniques for Satellite Image” International journal advanced research trends in engineering and technology (IJARTET) vol. 5, special issue 4, February 2018.
- Dr. A. Rajesh, Dr. E. Mohan and Mr. R. Sivakumar, “Classification Of Malignant Melanoma And Benign Skin Lesion by Using Back Propagation Neural Network and ABCD Rule, International Journal of advanced research in electronics and communication engineering (IJARECE) volume 6, Issue 6, June 2017.
- Ganesh Babu Loganathan, Dr. E. Mohan, R. Sivakumar, “ IOT Based Water And Soil Quality Monitoring System”, International journal of mechanical engineering and technology (IJMET) vol 10, issue 02, February 2019, ID:IJMET\_10\_02\_055, ISSN: 0976-6359.
- Dr. E. Mohan and R. Sivakumar, “Denoising of Satellite Images Using Hybrid Filtering and Convolutional Neural Network”, International journal of engineering and technology, 7 (4.6) (2018) 462-464.
- IrfanKalal and Dr.Sivakumar Ramamoorthy “Safety Management in Building Construction Sites: Indian Context” Anveshana’s International Journal of Research in Engineering and Applied Sciences, Volume 6, Issue 11, 2021, ISSN-2455-6300, Page No. 28- 35
- IrfanKalal and Dr.Sivakumar Ramamoorthy “Analysis of Safety Management in Commercial Building Construction” Anveshana’s International Journal of Research in Engineering and Applied Sciences, Volume 7, Issue 2, 2022, ISSN-2455-6300, Page No. 17-24
- Munesh Kumar, Dr.Sivakumar Ramamoorthy and Dr.Paritosh Srivastava “A Study of Soil Nonlinear Dynamic Properties” Anveshana’s International Journal of Research in Engineering and Applied Sciences, Volume 7, Issue 1, 2022, ISSN-2455-6300, Page No. 42-48
- Munesh Kumar, Dr.Sivakumar Ramamoorthy and Dr.Paritosh Srivastava “Evaluation studies of material non linearity, geo non linearity, constraint and contact non linearity for a reinforced bridge using nonlinear static analysis and open sees software” The International Journal of Analytical and Experimental Modal Analysis, Volume 14, Issue 1, 2022, ISSN0886-9367, Page No. 787-798
- Syed Jawid Hussain, Dr. SivaKumar Ramamoorthy “Study of column structure behaviour with fiber and ferrocement confinement under compression” International Advanced Research Journal in Science, Engineering and Technology ISO 3297:2007 Certified Impact Factor 7.105 Vol. 9, Issue 6, June 2022
- Syed Jawid Hussain, Dr. SivaKumar Ramamoorthy “Study of Column Structure Behaviour with Fiber and Ferro Cement Confinement under Compression” International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 10, Issue 6, June-2022, Impact Factor: 7.429, Available online at: [www.ijaresm.com](http://www.ijaresm.com)

- Syed Jawid Hussain, Dr. SivaKumar Ramamoorthy “study of column structure behaviour with fiber and ferro cement confinement under compression”IJCRT2205419 International Journal of Creative Research Thoughts (IJCRT) www.ijcrt.org © 2022 IJCRT | Volume 10, Issue 5 May 2022 | ISSN: 2320-2882
- Syed Jawid Hussain, Dr. Siva Kumar Ramamoorthy “Study of Column Structure Behavior with Fiber and Ferro Cement Confinement Under Compression” © June 2022 | IJIRT | Volume 9 Issue 1 | ISSN: 2349-6002 IJIRT 155426 INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY.
- Syed Jawid Hussain, Dr. SivaKumar Ramamoorthy “ STUDY OF COLUMN STRUCTURE BEHAVIOUR WITH FIBER AND FERRO CEMENT CONFINEMENT UNDER COMPRESSION” JETIR2205775 Journal of Emerging Technologies and Innovative Research (JETIR) www.jetir.org © 2022 JETIR May 2022, Volume 9, Issue 5 www.jetir.org (ISSN-2349-5162)
- WAJIUDDIN AMER, DR. SIVAKUMAR RAMAMOORTHY “IMPROVEMENT REINFORCEMENT IN EXISTING STRUCTURES” JAC : A Journal Of Composition Theory Volume XII, Issue X, OCTOBER 2019 ISSN : 0731-6755, Volume XII, Issue X, OCTOBER 2019.
- WAJIUDDIN AMER, DR. SIVAKUMAR RAMAMOORTHY “STABILIZATION OF EXISTING STRUTURES WITH MODERN TECHNIQUES” The International journal of analytical and experimental modal analysis Volume XII, Issue I, January/2020 ISSN NO:0886-9367.
- WAJIUDDIN AMER, DR. SIVAKUMAR RAMAMOORTHY “ANALYSIS OF REINFORCEMENT STRUCTURES IMPROVEMENT AND ITS STABLIZATION” AIJREAS VOLUME 7, ISSUE 9 (2022, SEP) (ISSN-2455-6300)ONLINE Anveshana’s International Journal of Research in Engineering and Applied Sciences.
- WAJIUDDIN AMER, DR. SIVAKUMAR RAMAMOORTHY “STABILIZATION OF EXISTING STRUTURES WITH MODERN TECHNIQUES” The International journal of analytical and experimental modal analysis Volume XII, Issue I, January/2020 ISSN NO:0886-9367.
- Vinod Kumar Sharma, Dr. Sivakumar Ramamoorthy “A COMPARATIVE STUDY OF LINEAR SCHEDULING TECHNIQUES AND CRITICAL PATH METHOD IN HIGHWAY CONSTRUCTION” AIJREAS VOLUME 7, ISSUE 3 (2022, MAR) (ISSN-2455-6300)ONLINE Anveshana’s International Journal of Research in Engineering and Applied Sciences.
- Vinod Kumar Sharma, Dr. Sivakumar Ramamoorthy “A STUDY ON ROLE OF DECISIONMAKING DURING HIGHWAY CONSTRUCTION PROJECTS” AIJREAS VOLUME 7, ISSUE 4 (2022, APR) (ISSN-2455-6300)ONLINE Anveshana’s International Journal of Research in Engineering and Applied Sciences.
- B. Ramakrishnaiah, Dr. Sivakumar Ramamoorthy “IMPROVING THE SLUM CONDITIONS IN HYDERABAD AREA” AIJREAS VOLUME 5, ISSUE 2 (2020, FEB) (ISSN-2455-6300)ONLINE Anveshana’s International Journal of Research in Engineering and Applied Sciences.
- B. Ramakrishnaiah, Dr. Sivakumar Ramamoorthy “ANALYSIS OF IMPROVING PHYSICAL AND SOCIAL INFRASTRUCTURES IN HYDERABAD” AIJREAS VOLUME 4, ISSUE 5 (2019, MAY) (ISSN-2455-6300)ONLINE Anveshana’s International Journal of Research in Engineering and Applied Sciences.

**CANDIDATES DOING RESEARCH UNDER MY SUPERVISION**

<b>Si. No</b>	<b>Name Of The Candidate</b>	<b>Date Of Registration</b>	<b>Tentative Title Of The Research Work</b>	<b>Research Position</b>
1.	Dr. Munesh Kumar. Bijendra Singh	28.07.2019	A Study On Safety Management Analysis In Construction Site With Reference To Commercial Building.	Awarded
2.	Dr. Irfan Kalal. Maneer Khan	28.07.2019	Evaluation Studies Of Material Non-Linearity, Constraint & Contact Non-Linearity For A Reinforced Bridge Using Non-Linear Static Analysis & Open Sees Software.	Awarded
3.	Dr. Yougesh Kumar Sharma	20.11.2019	Role Of Decision Making In Highway Construction And Its Tools.	Awarded
4.	Dr. Ramakrishnaiah	18.07.2017	To Improve The Slum Conditions In Urban Area By Providing Housing, Physical And Social Infrastructure Facilities With Reference To Hyderabad.	Awarded
5.	Dr. Wajiuddin Amer	30.09.2018	Development in Stabilization And Enhancement For Reinforcement Of Existing Structures With Reference To Modern Techniques.	Awarded
6.	Syed Jawid Hussain	28.01.2018	Study Of Column Structure Behaviour With Fibre & Ferro Cement Confinement Under Compression.	Waiting for Viva
7.	Kamal Sharma	21.02.2021	Multiwalled Carbon Nanotube Implantation For Structural Health Monitoring.	Synopsis Completed
8.	Mrs. Ramya Raju	21.02.2021	Potential Of Blockchain Technology In Construction Industry	DRC Completed

<b>9.</b>	Ar.Sheetal Amol Jagdale	28.11.2021	Critical Study Of The Potential Of Heritage Tourism Circuit In Western Ghat Of Maharashtra.	DRC Completed
<b>10.</b>	Yogesh Subhash Patil	25.07.2021	Enhancing The Performance Condition, Safety And Reliability Of Offshore Wind Energy Infrastructure Systems Using Optimal Design, Inspections, Structural Health Monitoring And Structural Control.	DRC Completed
<b>11.</b>	Akshay Mistry	21.02.2021	Prognosis Of Corroding RCC Structures By Bayesian Network Interference.	DRC Completed
<b>12.</b>	Ms. Rakhi Aditya Begampure	28.11.2021	To Develop A Tourism At Shaktipeethas For Religious Destination Development Through Religious Corridor And Necessary Infrastructure Facilities For Socio-Economic Development Of Maharashtra Region.	DRC Completed