



**GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**[Autonomous]**  
**Department of Civil Engineering**

**List of Faculty Publications in AY 2025-26**

| <b>Academic<br/>Year</b> | <b>Number of Journal Publications</b> |               | <b>Number of Conference<br/>Proceedings</b> |                 |
|--------------------------|---------------------------------------|---------------|---------------------------------------------|-----------------|
|                          | <b>ESCI</b>                           | <b>SCOPUS</b> | <b>SCOPUS</b>                               | <b>ESCI/UGC</b> |
| 2025-26                  | 1                                     | 2             | 56                                          | -               |



**GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
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**Department of Civil Engineering**

**List of Faculty Publications in AY 2025-26**

| Name of the Faculty          | ESCI | Scopus               |                                  |               | Number of Publications |
|------------------------------|------|----------------------|----------------------------------|---------------|------------------------|
|                              |      | Journal Publications | Number of Conference Proceedings | Book Chapters |                        |
| Dr. T.Srinivas               |      | 1                    | 7                                |               |                        |
| Dr. G.V.V. Satyanarayana     |      |                      | 3                                |               |                        |
| Dr C.Lavanya                 |      |                      | 6                                |               |                        |
| Dr V. Mallikarjun Reddy      |      |                      | 3                                | 2             |                        |
| Mr T Srikanth                |      |                      |                                  |               |                        |
| Dr. O.S.D. Hima Bindu        |      |                      | 2                                |               |                        |
| Dr S. Venkatacharyulu        |      |                      | 1                                |               |                        |
| Mr Siva Prasad Raju V        |      |                      | 1                                |               |                        |
| Mr. Y.Kamala Raju            |      |                      | 4                                |               |                        |
| Mrs. K.Hemalatha             |      |                      | 1                                |               |                        |
| Mr V Naresh Kumar Varma      |      |                      | 3                                |               |                        |
| Mr A Vittalaiah              |      |                      | 4                                | 1             |                        |
| Mr. C Vivek Kumar            | 1    | 1                    | 7                                | 1             |                        |
| Mr. Rathod Ravinder          |      |                      | 2                                |               |                        |
| Mr. A Prakash                |      |                      | 6                                |               |                        |
| Mr. Polina V V S S R Krishna |      |                      | 2                                |               |                        |
| Mrs. P.S.R.P.SSS Vardhani    |      |                      |                                  |               |                        |

# 1. Dr. T.Srinivas

SCI JOURNALS: NIL

ESCI JOURNALS: NIL

## SCOPUS JOURNALS:

1. A. Shrivastava<sup>1</sup>, Guntaj J, Gopal K, A. Jain, S.O. Husain, T. Srinivas, A. Badhouthiya, P. William "Technique to Optimize the Optical Properties of Nano materials for Photonic Sensors" JOURNAL OF NANO- AND ELECTRONIC PHYSICS Vol. 17 No 6, 06029 (2026) [https://doi.org/10.21272/jnep.17\(6\).06029](https://doi.org/10.21272/jnep.17(6).06029)

## SCOPUS INDEXED CONFERENCE PROCEEDINGS:

2. Tummala Srinivas ; Kadabohina Saipavan; Kotha Himabindu; Montadher Mohsen Hassan Almosawi; Shiv Dayal Pandey; Komal Parashar "Studies on strength properties of high strength concrete made with coarse aggregate replaced by air cooled blast furnace slag aggregate" 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261691>
3. Tummala Srinivas; Shaik Abdul Muqeed ; Jagadish Shrisaila Haranatti; Laeth Hossain Jasim Hamza; Sandeep Sharma; Sakshi Pandey "Experimental investigation on workability and strength of high strength geopolymer concrete" 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0262156>
4. Tummala Srinivas ; Chakali Sowmya; Ramesh Babu; Haeder Mohammed Abbas; Shiv Dayal Pandey; Aashim Dhawan "An effect of polypropylene plastic waste on strength properties of geopolymer concrete made with manufactured sand" 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261690>
5. Tummala Srinivas; Shaik Zabi Ullah; Angadi Seshappa; Mohammed Hossyn Falah; Anuj Kumar; Ankit Punia "A review on strength and durability properties of geopolymer concrete made with manufactured sand and polyethylene terephthalate (PET) plastic waste" 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261686>
6. Tummala Srinivas; Shaik Abdul Muqeed; Vijaya Bhasker Reddy; Raghavendar Kotla Venkata; Haider Mohammed Alabdali "Experimental investigation on durability properties of high strength geopolymer concrete" 3rd International Conference on Multifunctional Materials (ICMM), 3361, 040003 <https://doi.org/10.1063/5.0298410>
7. Tummala Srinivas ; Kadabohina Saipavan; Manthana Nadpi Narsaiah; Gurrampati Ramana Reddy; Hassan Mohamed Mahdi "Effect of air-cooled blast furnace slag on durability properties of high strength concrete when replaced in coarse aggregate" 3rd International Conference on Multifunctional Materials (ICMM), 3361, 040004 <https://doi.org/10.1063/5.0298411>

8. Sree Lakshmi Done ; Podila Mounika; Guna Santhoshi; Deepthi Manthena; Tummala Srinivas; Vardhan Vishnu Medari; Ammar Hameed “Advancing thyroid disease prediction: Leveraging machine learning techniques for enhanced accuracy and user experience” 3rd International Conference on Multifunctional Materials (ICMM), 3361, 040031

## **2. Dr. G.V.V. Satyanarayana**

**SCI JOURNALS:** NIL

**ESCI JOURNALS:** NIL

**SCOPUS JOURNALS:** NIL

### **SCOPUS INDEXED CONFERENCE PROCEEDINGS:**

1. Grandhe Veera Venkata Satyanarayana, Sonwane Sahil Shivajirao, Gatlola Keerthi Reddy, Ramy Read Hussien, Ramnarayan Singh, Lokesh Verma “Comparison of parameters in design and analysis of cooling towers” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261568>
2. Grandhe Veera Venkata Satyanarayana, Sonwane Sahil Shivajirao, Angadi Seshappa, Muntadar Muhsen, Sakshi Koli, Rahul Mishra “Comparative analysis and design of cooling tower under distinct locations” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261571>
3. Grandhe Veera Venkata Satyanarayana, Devireddy Anish, Soumya Sucharita Singha, Laeth Hussain, Gopal Krishna, Saket Mishra “Analysis and design of high-rise building (G+27) structure using composite systems in seismic zone II” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261565>

**BOOK CHAPTERS:** NIL

## **3. Dr C. Lavanya**

**SCI JOURNALS:** NIL

**ESCI JOURNALS:** NIL

**SCOPUS JOURNALS:** NIL

### **SCOPUS INDEXED CONFERENCE PROCEEDINGS:**

1. Chava Lavanya, Manikonda Nikitha, Nayini Swetha, Kakularam Nikhitha, Singarapu Sathish, Rami Hussayn, Musheer Vaqur, Dukhbhanjan Singh “Analysis of multi-storied reinforced concrete buildings in seismic zones by using ETABS” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND

CHARACTERIZATION 2024, 1551-7616, 3263(1)  
<https://doi.org/10.1063/5.0261241>

2. Chava Lavanya, Tellapuram Prudhvi Raj, Uppuluru Venkata Sri Giri Raja Kameswara Sai Karthik, Mottadi Aditya Teja, Angadi Seshappa, Zaid Ajzan, Amita Bisht, Guntaj Kumar “Analysis and Design of a High-Rise Building through Advanced Structural and Precision Design” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261239>
3. Chava Lavanya, Nandyala Darga Kumar, Batchu Ramanjaneyulu, Bipin Chandra Kandpal “A Physical Modeling Study on Load - Settlement Behaviour of Lime Stabilized Copper Slag Cushion Laid Over Expansive Soil Bed” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261243>
4. Kotha Hima Bindu, Mohnika Samineni, Mahantesh Neelappa Paruti, Uma Shanker Gunti, Chava Lavanya, Sridevi Kandula, Zaid Ajzan Alsalamy “Assessing the Promotion of Public Transport for Traffic Congestion Reduction in Hyderabad” 3rd International Conference on Multifunctional Materials (ICMM), 3361, 040010 <https://doi.org/10.1063/5.0298393>
5. Jagadish Shrisaila Haranatti, Ravi Kumar Garre, Sharat S. Chouka, Mahantesh Neelappa Paruti, Tativalasa Sarada, Chava Lavanya, Bindla Vijaya Laxmi, Haassan M. M. Al Jawahry “Exploratory Investigation on Black Cotton Soil Stabilized with Bamboo Fiber” 3rd International Conference on Multifunctional Materials (ICMM), 3361, 040009 <https://doi.org/10.1063/5.0298226>
6. Dobbali Soundarya, Srikanth Yadav, Dudala Shiva Sai Goud, Mahantesh Neelappa Paruti, Srinivasa Reddy Vempada and C Lavanya “Sustainable Self-healing concrete: characterization of the microbiologically enhanced performance in cement-based materials” Journal of Physics - Conference Series 17th International Conference on Materials Processing and Characterisation, Miri, Malaysia, 3196 (2026) [doi:10.1088/1742-6596/3196/1/012097](https://doi.org/10.1088/1742-6596/3196/1/012097)

**BOOK CHAPTERS: NIL**

#### **4. Dr V. Mallikarjun Reddy**

**SCI JOURNALS: NIL**

**ESCI JOURNALS: NIL**

**SCOPUS JOURNALS: NIL**

**SCOPUS INDEXED CONFERENCE PROCEEDINGS:**

1. Harideep Kumar Danthala, Mallikarjuna Reddy Veeraballi, Vivek Kumar Chandrakumar, Garapati Venkatasai Prasad, Zayd Ajzan Balasem, Jitendra Kumar Gupta, Dhiraj Singh “Studies on strength characteristics of green concrete by partial replacement of coarse aggregate with jhama bricks” 16TH INTERNATIONAL

CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0266412>

2. Mahesh Kumar Addagatla, Mallikarjuna Reddy Veeraballi, Hemalatha Karri, Mahantesh Neelappa Paruti, Rami Hussayn, Ashish Pathani, Divya Sharma “Studies on flexural behavior of self-compacting concrete beams” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261632>
3. Mallikarjuna Reddy Veeraballi, Ahmed Abdul Azeem, Soumya Sucharita Singha, Zayd Ajzan Balasem, Surya Prakash Gairola, Ramesh Saini “Studies on mechanical and coefficient of permeability of pervious concrete” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0266411>

#### **BOOK CHAPTERS:**

1. Harideep Kumar Danthala , V. Mallikarjuna Reddy, and C. Vivek Kumar “Studies on Durability Properties of Green Concrete by Partial Replacement of Coarse Aggregate with Jhama Bricks” Advanced Materials for Sustainable Innovation; IC-AMSI 2024; 28–30 August, Springer Proceedings in Energy, [https://doi.org/10.1007/978-981-96-4492-6\\_13](https://doi.org/10.1007/978-981-96-4492-6_13)
2. V. Mallikarjuna Reddy, C. Vivek Kumar, Prashanth Atkapuram, G. Balamurali, Haider Alabdeli, B. Ch. Nooka Raju & Soumya Sucharita Singha “Investigational Studies on the Strength and Durability Parameters of Concrete with the Impact of Graphene Oxide and Silica Fume” Lecture Notes in Mechanical Engineering, Advances in Materials and Manufacturing Technology, 2(1), 261 – 271 (2026) [https://doi.org/10.1007/978-981-95-2828-8\\_25](https://doi.org/10.1007/978-981-95-2828-8_25)

**BOOK CHAPTERS: NIL**

### **5. Mr T Srikanth**

**SCI JOURNALS: NIL**

**ESCI JOURNALS: NIL**

**SCOPUS JOURNALS: NIL**

**SCOPUS INDEXED CONFERENCE PROCEEDINGS: NIL**

**BOOK CHAPTERS: NIL**

### **6. Dr. O.S.D. Hima Bindu**

**SCI JOURNALS: NIL**

**ESCI JOURNALS: NIL**

**SCOPUS JOURNALS: NIL**

**SCOPUS INDEXED CONFERENCE PROCEEDINGS:**

1. Ogirala Satya Durga Hima Bindu; Vivek Kumar Chandrakumar; Manoj Kumar Maharajan; Venkata Priya Sekar; Garapati Venkatasai Prasad; Hayidr Muhamed; Shailendra Tiwari; Lakshay Bareja “Design and comparative analysis of earthquake resistant buildings with and without bracing system” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261522>
2. Pyata Ujwala, Kacharaboina Bhanu Prakash, Kummari Anitha, Kethavath Anand Singh, Jagadish Shrisaila Haranatti, Ogirala Satya Durga Hima Bindu “A sustainable approach to evaluate the geotechnical properties of the expansive soil with corn cob ash as stabilizer” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261702>

**BOOK CHAPTERS: NIL**

## **7. Dr S. Venkatacharyulu**

**SCI JOURNALS: NIL**

**ESCI JOURNALS: NIL**

**SCOPUS JOURNALS: NIL**

**SCOPUS INDEXED CONFERENCE PROCEEDINGS:**

1. Sowmithri Venkatcharyulu, Sreeram Vattam, Thummala Rajashekhar, Vundi Siva Prasada Raju, Srinivasa Reddy Vempada, Hayidr Muhamed, Ruby Pant, Takveer Singh “Analysis and design of a suspension bridge using Midas Civil” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0262190>

**BOOK CHAPTERS: NIL**

## **8. Mr Siva Prasad Raju V**

**SCI JOURNALS: NIL**

**ESCI JOURNALS: NIL**

**SCOPUS JOURNALS: NIL**

**SCOPUS INDEXED CONFERENCE PROCEEDINGS:**

1. Vundi Siva Prasada Raju, Gunda Srikanth, Vennam Srikar, Pullagura Santhosh, Sowmithri Venkatcharyulu, Zayd Ajzan Balasem, Devendra Singh, Anoop Dev “Building of multi-storied analysis for all seismic zones by STAAD Pro” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0262808>

**BOOK CHAPTERS: NIL**

## **9. Mr. Y.Kamala Raju**

**SCI JOURNALS: NIL**

**ESCI JOURNALS: NIL**

**SCOPUS JOURNALS: NIL**

### **SCOPUS INDEXED CONFERENCE PROCEEDINGS:**

1. Kamala Raju Yadala, Pateru Mouna, Mula Sushma Sri, Narla Sathvika, Kalluri Anil, Rami Hussayn, Sanjeev Kumar Joshi, Rahul Thakur “Analysis and design of a power transmission tower” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261415>
2. Gujjari Ravi Teja, Gundeboina Akhil, Rasnam Jagadeshwar Reddy, Dudyala Praneeth Kumar, Miryala Vijayakumar, Kamala Raju Yadala “A novel and sustainable use of tea powder waste as partial replacement of cement in concrete made with magnetized water” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261695>
3. Yadala Kamala Raju; Akula Prakash; Kannam Sree Charan; Talari Sri Keerthan; Doma Shiva Prasad; Madireddy Venkata Ramana Reddy; Muntadher Muhssan Almusawi “Experimental investigation on structural health assessment of RCC building” 3rd International Conference on Multifunctional Materials (ICMM), 3361, 040002 <https://doi.org/10.1063/5.0298430>
4. Kovvuri Ramya Sri, Kommineni Madhavi, Pidugu Purushottam, Vaishnavi Sadula, Yadala Kamala Raju, Lakkoju Babi, Montader M Hasan “Retail beverage sales predicting using Arima” 3rd International Conference on Multifunctional Materials (ICMM), 3361, 040004 <https://doi.org/10.1063/5.0298884>

**BOOK CHAPTERS: NIL**

## **10. Mrs. K.Hemalatha**

**SCI JOURNALS: NIL**

**ESCI JOURNALS: NIL**

**SCOPUS JOURNALS: NIL**

**SCOPUS INDEXED CONFERENCE PROCEEDINGS:**

1. Hemalatha Karri; Achsah Keerthana Barlapudi; Sunki Kedar Sai Chandra; Swamy Nadh Vandanapu; Thangamani Kothapally; Haeder Mohammed Abbas; Prashant Chaudhary; Deepak Bhanot “Studies on the strengthening effect of RC beams - A brief review” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261633>

**BOOK CHAPTERS: NIL**

**11. Mr V Naresh Kumar Varma**

**SCI JOURNALS: NIL**

**ESCI JOURNALS: NIL**

**SCOPUS JOURNALS: NIL**

**SCOPUS INDEXED CONFERENCE PROCEEDINGS:**

1. Vegiraju Naresh Kumar Varma, Grandhe Veera Venkata Satyanarayana, Bharath Kumar Kasumuru, Mudigonda Rathna Chary, Muhamed Hussain, Madhu Kirola, Ish Kapila “Experimental investigation on stabilized mud blocks” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261575>
2. Hemalatha Karri; Achsah Keerthana Barlapudi; Sunki Kedar Sai Chandra; Swamy Nadh Vandanapu; Thangamani Kothapally; Haeder Mohammed Abbas; Prashant Chaudhary; Deepak Bhanot “Studies on the strengthening effect of RC beams - A brief review” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261633>
3. Vegiraju Naresh Kumar Varma, Grandhe Veera Venkata Satyanarayana, Bharath Kumar Kasumuru, Mudigonda Rathna Chary, Muhamed Hussain, Madhu Kirola, Ish kapila “Experimental investigation o stabilized mud bricks” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261575>

**BOOK CHAPTERS: NIL**

**12. Mr A Vittalaiah**

**SCI JOURNALS: NIL**

**ESCI JOURNALS: NIL**

**SCOPUS JOURNALS: NIL**

**SCOPUS INDEXED CONFERENCE PROCEEDINGS:**

1. Arrakondayolla Vittalaiah, Akula Prakash; Gummadvelli Arun Kumar; Gandla Harshith Kumar; Battu Supreeth; Maligi Durga; Montadher Mohsen Hassan Almosawi; Gaurav Thakur; Simranjeet Nanda “Analysis and design of business building over a multi-story parking using etabs and CSI safe software” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261657>
2. Arrakondayolla Vittalaiah; Akula Prakash; Rathlavath Sairam Nayak; Bandla Naveen; Bangare Pranav Sai;Gandi Mounika Naidu; Haeder Mohammed Abbas; Vinod Balmiki; Amit “Effect of compaction on the hydraulic conditions and compressibility behaviour soil and bentonite mixtures” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261659>
3. Arrakondayolla Vittalaiah; Rathod Ravinder; Thadem Rohith; Gudimella Raghuraman; Poreddy Abhinav Reddy; Gandi Mounika Naidu; Mohammed Hossyn Falah; Awadhesh “Enhancing strength properties of concrete using plastic and coconut fibers with recycled aggregates” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261660>
4. Haider Mohammed Abbas, Mohammed Kadhim Obaid and A. Vittalaiah ” Enhancing Yield Estimation and Field Zoning Accuracy in Precision Agriculture Using Solar-Powered Drone-Based Remote Sensing” SHS Web of Conferences, International Conference on the Impact of Artificial Intelligence on Traditional Economic Sectors (ICIAITES 2025) eISSN: 2261-2424 216 (2025) <https://doi.org/10.1051/shsconf/202521601055>

**BOOK CHAPTERS:**

5. V. Janakai, M. Madhusudhan Reddy, B. Ramanjaneyulu, A. Vittalaiah & K. Ravi Kumar “Probabilistic Seismic Hazard Analysis of Himachal Pradesh, India: Using Updated Earthquake Catalogue” Springer Nature ICORAGEE 2024, 571 [https://link.springer.com/chapter/10.1007/978-981-96-1352-6\\_6](https://link.springer.com/chapter/10.1007/978-981-96-1352-6_6)

### **13. Mr. C Vivek Kumar**

**SCI JOURNALS: NIL**

**ESCI JOURNALS:**

1. Vivek Kumar C, R. Ramya Swetha, V. Mallikarjuna Reddy, P. Selva Kumar, R.M. Karthikeyan & R. Karthikeyan “Data-driven optimization with PSO improved Random Forest regression and sensitivity analysis for the strength of blended concrete” JOURNAL OF STRUCTURAL INTEGRITY AND MAINTENANCE

**SCOPUS JOURNALS:**

2. Shivaraj S J , Brijbhushan S, Maneeth P D, Vivek Kumar C “Durability and performance assessment of high-strength self compacting concrete under environmental stressors” Research on Engineering Structures & Materials ISSN: 2148-9807 12(3) <http://dx.doi.org/10.17515/resm2026-996ma0719rs>

**SCOPUS INDEXED CONFERENCE PROCEEDINGS:**

3. Ayyampalayam Nanjappan Swaminathan; Vivek Kumar Chandrakumar; Magudeaswaran Palanisamy; Veerapathran Maruthasalam; Gajula Dheeraj Kumar; Laeth Hussain; anjeev Dhama; Manisha Chandna “Development and assessment of mechanical properties of interlocking paver blocks derived from industrial waste” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1), <https://doi.org/10.1063/5.0261194>
4. Vivek Kumar C, R Ramya Swetha, Tangudu Manoj, Kulal Preetham “Seismic response assessment of steel frame building with cross braced systems in different locations of multi-storey building” Procedia Structural Integrity Online, ISSN: 2452-3216, 70, <https://doi.org/10.1016/j.prostr.2025.07.031>
5. Vivek Kumar Chandrakumar; Palanisamy Murugan; Manoj Kumar Mohan; Robert Ravi Selvaraj Pandian; Miryala Vijayakumar; Muntadar Muhsen; Yashwant Singh Bisht “Microstructure and strength evaluation of blended concrete with partial replacement of rice husk ash and fly ash” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0267047>
6. Vivek Kumar Chandrakumar; Sivakumar Soundararajan; Yuvaraja Rajendran; Robert Ravi Selvaraj Pandian; Srinivasa Reddy Vempada; Mohammed Hossyn Falah; Yamini Ghildiyal; Frederick Sidney Correa “Equivalent static analysis of multi-storeyed buildings in seismic prone zones using midas gen” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261189>
7. Vivek Kumar Chandrakumar, Dharavath Nagendar, Tummala Srinivas, Miryala Vijayakumar, Ramy Read Hussien, Vivek John, Saksham Sood “Strength development of geopolymer concrete with influence of recycled aggregates and PVC fibers” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261195>
8. Yellanolla Jagadeeswar, Alegepally Naveen, Janmulla Rajinikanth, Vaspula Sampath Kumar, Mahantesh Neelappa Paruti, Vivek Kumar Chandrakumar “A sustainable solution for removal of fluoride from synthetic water using modified activated bagasse ash” 16TH INTERNATIONAL CONFERENCE ON MATERIALS

PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1)  
<https://doi.org/10.1063/5.0261701>

9. Vivek Kumar Ca, R Ramya Swetha, Tangudu Manoj, Kulal Preetham “Seismic response assessment of steel frame building with cross braced systems in different locations of multi-storey building” Structural Integrity and Interactions of Materials in Civil Engineering Structures (SIIMCES-2025) 2452-3216  
10.1016/j.prostr.2025.07.031

**BOOK CHAPTERS:**

10. C. Vivek Kumar, T. Suresh, Harshada Reddy Kondapalli, C. Rajendra Prasath, Mohammed Al-Farouni, B. Ch. Nooka Raju, and Srinivasa Reddy Vempada “Development and Strength Characteristics of Recycled Aggregate Concrete Derived from Partial Replacement of Construction and Demolition Waste” Lecture Notes in Mechanical Engineering, Advances in Materials and Manufacturing Technology, 2(1), 239 – 248 (2026) [https://doi.org/10.1007/978-981-95-2828-8\\_23](https://doi.org/10.1007/978-981-95-2828-8_23)

**14. Mr. Rathod Ravinder**

**SCI JOURNALS:** NIL

**ESCI JOURNALS:** NIL

**SCOPUS JOURNALS:** NIL

**SCOPUS INDEXED CONFERENCE PROCEEDINGS:**

1. Rathod Ravinder; Arrakondayolla Vittalaiah; Peddiboina Anusha;TejavathKalyani;BhargaviTelugu;Angadi eshappa;Montadher Mohsen Hassan Almosawi;Kapil Joshi;Damanjeet “Modelling and analysis of terminal transmission tower using Staad Pro” 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 1551-7616, 3263(1) <https://doi.org/10.1063/5.0261697>
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**15. Mr. A Prakash**

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**17. Mrs. P.S.R.P.SSS Vardhani**

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