

Papers Published:

Papers presented in National conferences: 02

1. B.KrishnaChaitanya, R.VaishnavKumar, M.L. Krishna Sai,S.V.Satyanarayana entitled "To Study the Feasibility and Performance of Bacteria based Self- Healing Mechanism in Concrete" in two day National conference on Advances in sustainable construction materials organised by NITW during 15-16 march ,2019.
2. R.Vaishnav Kumar, B.Krishna Chaitanya M.L.N Krishna Sai entitled "Study on SCC with replacement of coarse aggregate with LECA on percentage variations" in two day National conference on Advances in sustainable construction materials organised by NITW during 15-16 march ,2019.
3. R.VAISHNAVA KUMAR presented a paper titled “EXPERIMENTAL STUDY ON SELF-COMPACTING CONCRETE WITH REPLACEMENT OF COARSE AGGREGATE BY LIGHT EXPANDED CLAY AGGREGATE” at the International Conference on Innovative and Sustainable Technologies in Civil Engineering (ISTCE2021) organized by the Department of Civil Engineering, Bapatla Engineering College, Bapatla, held between September 24th & 25th, 2021.

International journals : 01

- R.Vaishnava kumar, entitled "A study on flow and strength properties of steel fiber reinforced self-compacting concrete" published in International Journal of international journal of engineering science and management with EISSN 2454-4140.
- R. Vaishnav Kumar, Bypaneni Krishna Chaitanya M, L.N.K. Sai Madupu, N. Venkata Sairam Kumar entitled “Evaluation of mechanical and flow properties of Crimped steel fiber in self compacting concrete” published in material today proceedings on Second International Conference on Aspects of Materials Science and Engineering (ICAMSE 2021).
- Bypaneni .Krishna Chaitanya 1 , Chunchu Bala Rama Krishna2, R.VaishnavKumar3, N Venkata Sairam Kumar4, S. Srikanth reddy5 entitled “FEASIBILITY AND PERFORMANCE OF BACTERIA BASED SELF- HEALING MECHANISM IN CONCRETE” published in Journal of Critical Reviews ISSN- 2394-5125 Vol 7, Issue 18, 2020

Workshop /Seminar Program attended: 05

1. A One day workshop on "REMOTE SENSING & GIS" at KITS organized by IGS STUDENTS CHAPTER and associated with INDIAN GEOTECHNICAL SOCIETY,GUNTUR CHAPTER ,on 29th june 2019
2. A Two day National Workshop on "CONSTRUCTION TECHNOLOGIES FOR SPEEDY CONSTRUCTION" at PVPSIT, Vijayawada on 16th September ,2017
3. A Two day National Workshop on 'APPLICATIONS OF SPECIAL CONCRETE IN STRUCTURAL ELEMENT" at VRSEC, Vijayawada on 26th & 27th March 2015.
4. A One day National Seminar on "PROBLEMS ASSOCIATED WITH GEOTECHNICS OF EXPANSIVE SOILS" at RVR&JC, Guntur on 25th January, 2014
5. A Two day National Workshop on "EARTHQUAKE- CIVIL ENGINEERING STRUCTURES - NDT PERSPECTIVE" at KHIT, Chowdavaram, Guntur on 13th & 14th JULY 2018

Workshop / FDP attended: 05

- A Faculty Improvement Programme on "REVIT STRUCTURE" conducted by APSSDC on 24th to 28th OCT 2016.
- A Faculty Development Programme on "COMPUTER ORIENTED APPLICATIONS IN CIVIL ENGINEERING" at VNRVJIET, Nizampet, Hyderabad on 16th to 28th May 2016.
- A One Week Programme on "GREEN AND ENERGY EFFICIENT BUILDINGS" at PVPSIT, Vijayawada on 29th Februaryto 4th March 2016.
- A Two week ISTE STTP on "INTRODUCTION TO STRUCTURAL ENGINEERING" conducted by IIT Kharagpur on 30th November to 9th January 2016.
- A Two week Faculty Development Programme on "ANALYSIS AND DESIGN OF HIGH RISE STRUCTURES" at MGIT, Gandipet, Hyderabad on 4th to 16th May 2015.
- A One Week STTP Programme on "NEURO-FUZZY TECHNIQUES IN CIVIL ENGINEERING", MVSR engineering college on 2nd to 7th August 2021.
- International Webinar on Research Publications "IMPACTFUL WRITING & UNDERSTANDING THE EDITORIAL PROCESS" organized jointly by the ELIXIR Educational Services, Chhattisgarh and The PRIME ACADEMY, Tamil Nadu, India during 10 - 11, July 2021.
- A Two-Day National Webinar on "RESEARCH STRUCTURING, STATISTICAL INSIGHTS & PUBLICATION STRATEGIES" created & powered by NATIONAL FOUNDATION FOR ENTREPRENEURSHIP DEVELOPMENT (NFED), Coimbatore, Tamil Nadu on 24 & 25 July 2021.
- A 3-DAY online faculty development program on "Recent Advances in Concrete Technology & Sustainable Infrastructure" held from 4th - 6th Aug2021,organized by

Department of Civil Engineering, Sir C R Reddy College of Engineering, Eluru, West
Godavari, Andhra Pradesh, India

VIDWAN

<https://vidwan.inflibnet.ac.in/profile/185502>

- **Google Scholar**

[https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=MyqaoDYA
AAAJ](https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=MyqaoDYA
AAAJ)

- **ResearchGate**

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

Orcid id

0000-0003-4414-9889

PATENT DETAILS:

| S.No. | Patent No. | Title Of the patent | Details of Applicants and inventors | Remarks |
|-------|-------------------|---|---|---|
| 1. | 202041057020 A | Method for Compressive Strength Determination of Crushed Rock Concrete | 1)Dr.N.Venkata Sairam Kumar 2)Dr.K.S.Sai Ram 3)Dr.M.Rama Rao 4)Dr.A.Srinivasa Prasad 5)Mr.R.Surendra Babu 6)Mr.M.L.N.Krishna Sai 7)Mr.S.V.Satyanarayana 8)Mr.R.Vaishnav Kumar 9)Mr.B.Krishna Chaitanya 10)Mrs.Y.Madhavi | Filed on: Dec. 2020 Published on: Jan 2021 |

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