DETAILED PROFILE



Er. B. VAMSI KRISHNA (Ph.D)

MS (U.K), .M.I.E, M.I.S.T.E, C.Engg

M.S (Structural Engineering)

Associate Professor, Structural Consultant
Contact Number: 0091-9030083376

Email id: 2305c10005@sru.edu.in

Roles and Responsibilities (Academic and Administrative Achievements)

| S.No | Roles | Responsibilities | Outcomes |
|------|----------------------|---|-----------------------------|
| | | UG: Strength of Materials I &II, | 4.8/5 Student Feedback |
| | | Structural Analysis, Design of Steel | |
| 1 | Teaching | Structures, Prestressed Concrete | 90% Pass Percentage |
| | reaching | Structures, SM & SA Lab, | |
| | | PG: Bridge Engineering, Advanced | |
| | | Steel Structures, CADD Lab. | |
| | Training and | Scheduling placement drives, | 80% Placement for Civil |
| 2 | Placement Officer | Industry MOU's, Internships, CRT | Department |
| | Placement Officer | Classes | |
| 3 | IQAC – Associate | AAA Auditing, Monitoring College | 20 + Colleges as AAA |
| 3 | Dean | Committees | Auditor |
| 4 | NAAC Coordinator | AQAR Filing, SSR Preparation | A++ (7 Years) 3.52 CGPA |
| 5 | NBA Coordinator | SAR Preparation, NBA- | UG & PG with >700 Score |
| 3 | | Margadarshan (AICTE) | (Tier-1) |
| 6 | NIRF Coordinator | Data Capturing System, NIRF- | 251-300, 201-250 Rank |
| | Title Coordinator | Filing | Band in (Engg Category) |
| | Deemed to be | | Detailed Project Report (15 |
| 7 | University | DTBU Filing | Years Strategic Plan & 5 |
| , | Coordinator | DIDCIning | Years Rolling Pan with Mile |
| | Coordinator | | Stines) |
| 8 | UG- NBA- Criteria 4 | Infrastructural Development | _ |
| 0 | Dept Coordinator | innastructurai Developinent | - |
| 9 | PG- NBA- Criteria 3 | Students' Performance | _ |
| 7 | Dept Coordinator | Students 1 chomiane | - |
| | Budget Coordinator – | Budget Proposals, sanctioned & | |
| 10 | College | Utilize statements, Income & | - |
| | Conege | Expenditure Statements | |

INDEX

| Description | | Years | | | | | | | | | |
|---|---|-------|------|------|------|------|--------|--------|--------|------|--------|
| | | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
| SCOPUS & WOS Journal Publications | 1 | - | - | - | 1 | | 2 | 2 | 3 | 2 | 11 |
| Journal Paper Publications | 8 | 4 | - | 1 | 2 | 1 | 2 | 2 | 2 | - | 23 |
| Conference Paper Publications | 1 | 2 | 1 | 1 | 2 | - | 2 | - | 2 | - | 11 |
| Patents, Copy Rights | - | - | - | - | - | - | 3 | 3 | 1 | 2 | 9 |
| Books & Book Chapters | - | - | - | 1 | 1 | - | - | 2 | 1 | - | 5 |
| Consultancy Work | - | - | - | - | - | - | 50,000 | 90,000 | 60,000 | | 2 Lacs |
| Membership in Professional Organizations/Bodies | 1 | 2 | - | - | 2 | - | 1 | - | - | | 6 |
| Conferences/Workshops/Seminars/Orientation courses Attended | 3 | 5 | 6 | 3 | 8 | - | 9 | 4 | 6 | | 44 |
| Conferences/workshops organized (Organizing coordinator) | 5 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | - | | 14 |
| Awards | 1 | 1 | 1 | 1 | 1 | _ | 2 | 2 | 2 | | 11 |

Er. B. Vamsi Krishna

CURRICULUM VITAE

1. Name in Full : Er. B. Vamsi Krishna

2. Address : Flat No: 105, Lilly Block, Nagarjuna Dream Lands

Kompally, Secunderabad Mobile No: +91 9030083376

Email id: localvamsi1987@gmail.com, cevamsi@mrec.ac.in

3. Native District : Hyderabad, Telangana-500100, India

4. JNTUH ID : 90150406-113723 **5. Emp. ID** : MREC(A)-CIVIL-001

6. Educational Qualifications:

| Exam Passed | Year of Passing | Name of the University | Subject | Division |
|----------------|--------------------|--|------------------------------|------------------------------------|
| Ph.D | - | SR University, Warangal | Civil Engineering | Pursuing |
| M.S | 2010 | The University of Salford, UK | Structural Engineering | First (70.8%) |
| B.Tech | 2008 | JNTUH, Hyderabad | Civil Engineering | First with Distinction (80.95%) |
| Intermediate | 2004 | Board of Intermediate Education | Maths, Physics, Chemistry | First Class with Distinction (79%) |
| SSC | 2002 | Board of Secondary School Education | English, Telugu, Hindi | First Class (75%) |

7. Professional Experience: 3 Years, Teaching Experience: 10 Years

| S.No | Position held | Duration | Organization | Nature of Duties |
|------|--|----------------------------|---|---|
| 1 | Associate Professor & Training and Placement Officer | July 2013 to Till Date | Department of Civil Engineering, MREC(A), Hyderabad | Teaching, Research, Placements and Administration duties |
| 2 | Jr. Bridge Engineer | March 2012 to June 2013 | M/s. A.M.RAJU & CO, Hyderabad | Voided Slabs, Major & Minor Bridges, Via Ducts, Foundations & Piers. |
| 3 | Bridge Engineer | Aug 2011 to Feb 2012 | Era Infra Projects Limited, New Delhi | Execution, Quantity & Quality Survey e.t.c |
| 4 | Civil Consultant | July 2010 to March 2011 | CORUS Civil Engineering Consultancy, U.K | Inspection, Estimating, Quality check |

| 5 | Site Engineer | 1 | M/S. ZVSTROY –GDCL (J.V), Russia Hyderahad | Irrigation structures execution, Telugu Ganga Projects. |
|---|---------------|---|--|---|
|---|---------------|---|--|---|

8. Conferences/workshops organized (Organizing coordinator):

| S.No | Title | Duration | Venue |
|------|--|--|--|
| a.) | One day Workshop on "Practical Applications in civil Engineering" | 18 th Aug 2013 | Department of Civil Engineering, MREC |
| b.) | National Conference on "Role of Civil and Mechanical Engineers in the Development of Society" "NCRCMDS 2K13" | 20-21 Sep 2013 | Department of Civil Engineering, MREC |
| c.) | Two day workshop on "Recent Advancements In Civil Engineering" | 29 th March 2014 | Department of Civil Engineering, MREC |
| d.) | National Conference on "Emerging Trends in Science Technology and Management" "NCETSTM-2K14" | 8-9 Aug 2014 | Department of Civil Engineering, MREC |
| e.) | Two day workshop on "Advanced Techniques in Disaster Management and Mitigation" | 11 -12 Dec 2014 | Department of Civil Engineering, MREC |
| f.) | International Conference on Emerging trends in Science Technology Engineering and Management (ICETSTEM-2015) | 9 th & 10 th Oct 2015 | MREC (A) |
| g.) | One day Technical Training Programme for Lab Technicians under TEQIP-II S.C-1-1 | 16 th July 2016 | Department of Civil Engineering, MREC |
| h.) | 3 rd National Conference on "Innovative Research in Civil Engineering" (NCIRCE 2K17) under TEQIP-II S.C-1-1 | 21 st Jan 2017 | Department of Civil Engineering, MREC |
| i.) | "AKSHARA 2K17" Two Days Techno- Cultural Fest | 7 th & 8 th April 2017 | MREC(A) |
| j.) | "One Week Skill Development Program on Total Station" | 5 th – 10 th Feb 2018 | MREC(A) |
| k.) | "Fundamentals and Applications of Arc-GIS & Q-GIS" | 12 th – 18 th Dec 2019 | Department of Civil Engineering, MREC |
| 1.) | One week faculty development program on SAP-2000 | 14 th – 18 th Dec 2020 | Department of Civil Engineering, MREC |
| m.) | Quantity Surveying Building & Bridges | 4 th – 6 th June 2021 | Department of Civil Engineering, MREC |

| n.) | Career Opportunities in Civil Engineering | 20 th June 2021 | Department of Civil Engineering, MREC |
|-----|---|----------------------------|--|
|-----|---|----------------------------|--|

9. Membership in Professional Organizations/Bodies

| S.No | Organization | Membership | Number | Date of Election | Head Office |
|------|--|---------------------------|-------------------------|---------------------|----------------|
| 1. | Institute Of Research Engineers And Doctors | Associate Member –Life | (UACSE) AM1010001562 | 22 Oct 2014 | USA |
| 2. | Indian Institute of Engineers | AMIE- Life | AM 157812-2 | 31 March 2015 | Kolkata |
| 3. | Indian Institute of Engineers | MIE- Life | M 161747-2 | 04 July 2018 | Kolkata |
| 4. | International Association of Engineers | Life Member | 153958 | 10 April 2015 | Hong Kong |
| 5. | Chartered Engineer (India)- Civil Engineering Division | Life Member | 016813 | 08-06-2020 | Kolkata |
| 6. | Indian Society of Technical Education | Life Member | LM123538 | 2018 | New Delhi |

${\bf 10.\ Conferences/Workshops/Seminars/Orientation\ courses\ Attended:}$

| S.No | Title of the Course | Venue | Duration | Institution/Agency |
|------|--|---|--|--|
| 1 | Training Programme on "Sri Ram Sagar Project" | Nizamabad | April-May 2014 | Reliable Environmental Services |
| 2 | International Conference on "Advances in Engineering & Technology" | Roorkee | 29 th May 2014 | Roorkee Institute of Technology |
| 3 | Indian Engineering Congress | The Institute of Engineers, Hyderabad | 19 th to 21 st Dec 2014 | E.S.C.I, Hyderabad |
| 4 | Training Programme on "Water Management" | Hyderabad | Jan –March 2015 | WALAMTARI, GHMC, HMDA, Hyderabad |
| 5 | "Advances in Precast and Prestressed Construction Technology" | The Institute of Engineers, Hyderabad | 13-April 2015 | IIE, APSC, Hyderabad |
| 6 | All India Seminar on "The Integrated Design Approach for Better Buildings" (InteDA-2015) | The Institute of Engineers, Hyderabad | 29 th & 30 th June 2015 | IIE, APSC, Hyderabad |
| 7 | Presented paper in 2 nd Two | JNTUH | 30 th -31 st July | Centre for Water |

| | Day National Conference on "Water, Environment & Society" (NCWES-2015) | | 2015 | Resources, IST, JNTUH, Hyderabad |
|----|---|--|---|--|
| 8 | Presented paper in Three Day International Conference on "Innovations in Structural Engineering" (IC-ISE-2015) | OSMANIA University | 14 th to 16 th Dec 2015 | Osmania University, Hyderabad |
| 9 | Faculty Development Programme on "Smart Technologies and Emerging Trends" | JNTU College of Engineering, Hyderabad | 22 nd to 26 th Feb 2016 | Engineering Staff College of India, Hyderabad |
| 10 | 2 nd International Conference on Sustainable Energy and Built Environment | VIT, Vellore | 10 th to 12 th Mar 2016 | Vellore Institute of Technology, Vellore |
| 11 | International Conference on Internet of Things and Applications for Smart City, Tirupathi | Tirupathi | 18 th & 19 th March 2016 | Institute for Engineering Research and Publication , IFERP |
| 12 | One Day Workshop on "Advances in Concrete Technology and Good Construction Practices" (ACTGCP-2016) | JNTUH, Hyderabad | 26 th May 2016 | JNTUH, Hyderabad |
| 13 | One Day Seminar on "High Rise Buildings" Design & Construction Practices | Hyderabad | 20 th Oct 2016 | Association of Consulting Civil Engineers (India), Hyderabad Centre |
| 14 | Two Day Workshop on Good Concrete Construction Practices" (GCCP-2016) | Osmania University, Hyderabad | 28 th & 29 th Oct 2016 | University college of Engineering, Osmania University, Hyderabad. |
| 15 | 4 th International Conference on Transformations in Engineering Education – ICTIEE-2017 | Hyderabad | 6 th to 8 th Jan 2017 | Vardhaman College of Engineering, IUCEE, Hyderabad. |
| 16 | Ino Idea Sponsored ICTIEE 2017 Workshop on IONCUDOS "Outcome Based Education Platform" | Hyderabad | 6 th Jan 2017 | Vardhaman College of Engineering, IUCEE, Hyderabad. |
| 17 | Two Day National Conference on Recent Innovations in Civil Engineering (RICE 2017) | Hyderabad | 15 th & 16 th Dec 2017 | Gokaraju Rangaraju Institute of Engineering and Technology |
| 18 | International Conference on Transformations in Engineering Education (ICTIEE-2018) | Madurai, Tamil Nadu | 7 th to 9 th Jan 2018 | Thiagarajar College of Engineering – (TCE) |
| 19 | Ino Idea Sponsored ICTIEE 2018 Workshop on | Madurai, Tamil Nadu | 8 th Jan 2018 | Thiagarajar College of Engineering – (TCE) |

| | IONCUDOS "Outcome Based Education Platform" | | | |
|----|--|--|--|---|
| 20 | IIEECP – IUCEE International Engineering Educators' Certification Program | Malla Reddy Engineering College (Autonomous) | 3 rd to 6 th Feb 2018 | Indo-Universal Collaboration of Engineering Education |
| 21 | One day seminar on Seismic Codes IS 1893-2016 and IS 13920-2016 Recent Revisions and impact on Design | The Park, Hyderabad | 28 th April 2018 | Association of Consulting Civil Engineers (I), Hyderabad |
| 22 | One week FDP on "Recent Advances in Structural Engineering" (RASE-2018) | Hyderabad | 2 nd to 7 th July 2018 | MRIT, Hyderabad |
| 23 | International Conference on Research advancements in Applied Engineering Sciences, Computer and Communication Technologies (ICRAAESCCT- 2018) | BVRIT, Hyderabad | 12 th & 13 th July 2018 | IFERP, Chennai |
| 24 | International Conference on Transformations in Engineering Education-Imparting Futuristic Skills (APICTIEE-2018) | Amaravathi | 15 th – 18 th July 2018 | SRM University, AP |
| 25 | Ino Idea Sponsored ICTIEE AP 2018 Workshop on IONCUDOS "Outcome Based Education Platform" | Amaravathi | 16 th July 2018 | SRM University, AP |
| 26 | International Conference on Transformations in Engineering Education (ICTIEE-2020) | Hyderabad | 5 th – 8 th Jan 2020 | Anurag Group of Institutions, Hyderabad |
| 27 | Workshop on "Role of SKETCH-UP as a tool for enhancing Online Teaching Methodology" | Hyderabad | 6 th May 2020 | Vignana Bharathi Institute of Technology |
| 28 | Achieving Sustainable Concrete through use of Mineral Admixtures | Bangalore | 8 th May 2020 | Indian Concrete Institute- Bangalore Centre |
| 29 | One week FDP on Online Teaching Etiquette and Best Practices | Kurnool, A.P | 10 th – 15 th May 2020 | Santhiram Engineering College, Kurnool |
| 30 | "PostCOVID-19 Resurgence of Indian Industry and R&D" | A.P | 15 th May 2020 | SRM UNIVERSITY, A.P |
| 31 | One day FDP on "IPR AWARENESS" | Hyderabad | 13 th May 2020 | KEYWAY RESEARCH, Hyderabad |
| 32 | Online FDP on "Recent advances in concrete | Hyderabad | 21 st to 23 rd May 2020 | Gokaraju Rangaraju Institute of |

| | Technology & sustainable Infrastructure" | | | Engineering and Technology, Hyderabad |
|----|---|-----------------|--|--|
| 33 | "Global Trends in Civil & Infrastructural Engineering (GTCIE-2020)" | Hyderabad | 26 th May 30 th 2020 | Institute of Aeronautical Engineering, Hyderabad. |
| 34 | One week faculty development program on SAP-2000 | MREC, Hyderabad | 14 th – 18 th Dec 2020 | Malla Reddy Engineering College, Hyderabad |
| 35 | NIRF INDIA RANKING - 2021 for Higher Education Institutions | Online | 18 th -19 th Jan 2021 | Institute for Academic Excellence, Hyderabad |
| 36 | Design and construction of eco-friendly flexible pavements | Online | 25/02/2021 | The Institution of Engineers (India) |
| 37 | One-week Online STTP on "Seismic Design of Multistory Buildings: IS 1893-2016" | Online | 04/10/2021 to 12/10/2021 | AICTE, New Delhi and Human Resource Development Centre, JNTUH, Hyderabad India |
| 38 | One-week Online STC "E-Content Development and Online Pedagogy" | Online | 13/12/2021 to 18/12/2021 | UGC and Human Resource Development Centre, JNTUH, Hyderabad India |
| 39 | Two Day National level workshop on NIRF India Rankings-2022 for Higher Educational Institutions" | Online | 5 th Jan 2022 to 6 th Jan 2022 | Institute for Academic Excellence in Collaboration with Collegiate Education & Technical Education Department, Govt, of Telangana. |
| 40 | Short Term Training Program on "Structural Design with STAAD.Pro" | Online | 19/09/2022 to 23/09/2022 | NITTTR, Chandigarh |
| 41 | International Conference on "Climate Change Impact on Eco-System: Mitigation & Adaptation" | Offline | 22-24 September, 2022 | Engineering Staff College of India (Hyderabad) |
| 42 | International Conference on "Innovative Technology for | Online | 14th & 15th October 2022 | Velagapudi Ramakrishna |

| | Smart Construction Materials and Sustainable Infrastructure" (ITSCMSI) | | | Siddhartha Engineering College (Autonomous), Vijayawada |
|----|---|---------|--|--|
| 43 | International Conference on "Green Building Congress 2022" | Offline | 20 th to 22 nd October 2022 | Indian Green Building Council (CII), Hyderabad |
| 44 | One Day Workshop on "Infrastructure Health Monitoring framework based on Internet of Things (IOT)" | Offline | 29 th Oct 2022 | Mahindra University, Hyderabad |
| 45 | Faculty Development Program on "Application of AUTOCAD in Engineering" | Online | 14 th 18 th Nov 2022 | NITTTR, Chandigarh |
| 46 | Resource Person for Faculty Development Program on "Advanced Programme - Planning Design & Construction of Long Span Bridges" | Offline | 05 th – 07 th Dec 2022 | Engineering Staff College of India (Hyderabad) |
| 47 | Faculty Development Program on "Innovative Pedagogy and Professional Development" | Offline | 19 th March 2023 | Institute of Public Enterprise (IPE), Hyderabad |
| 48 | Resource Person for Faculty Development Program on "Basic Programme - Planning Design & Construction of Minor Bridges and Culverts" | Offline | 27 th – 03 rd March 2023 | Engineering Staff College of India (Hyderabad) |
| 49 | Construction Assessment and Retrofitting of Structures- (CARS-2023) | Online | 18 th - 22 nd Sep 2023 | SR University, Warangal |

11. Patents, Copy Rights

| S. No | Topic of the patent | CBR Number / Patent Application Number | Publication Date | Grant Date |
|-------|---|---|---------------------|----------------------|
| 1 | Elevated Tennis courts with Hydraulic Operating Mechanism (Utility Patent) | 202041006422 | 12/06/2020 | 448317 30-08-2023 |
| 2. | Sport Court (Design Patent) | 327338-001 | 27/04/2020 | - |
| 3. | Lecture Notes on Design of Steel Structures as per IS: 800-2007 | 18059/2020- CO/L | 26/04/2021 | Granted |
| 4. | In-level stability of uniform steel beams - columns with immovable supports on pasternak type elastic ground | 202141041028 A | 17/09/2021 | - |
| 5. | System and Method to study Dynamic properties of Fibre Reinforced soil and vibration isolation | 202141061183 A | 07/01/2022 | - |
| 6. | The Translucent Concrete Mixture | 202141060070 A | 28/01/2022 | - |
| 7. | Eco-Friendly Brick & Paver Blocks | 202241008751 A | 04/03/2022 | - |
| 8. | A System For Manufacturing Eco- Friendly Paper Plastic Paving Blocks Using Wastepaper And Plastic | 202341038268 | 01-09-2023 | - |
| 9. | Architectural Design of Elevated Sports Arena | 19372/2022-CO/A | Yet to Publish | - |

12. Books

| S. No. | Name of the Book/chapter | Details of Publication | ISBN Number |
|--------|--|--|-------------------|
| 1. | Managerial Economics | Spectrum Educator | 978-93-83959-44-0 |
| 2. | Engineering Workshop | Spectrum Educator | 978-93-82829-16-4 |
| 3. | Introduction to Green Buildings | Going to Publish in Khanna Publishers | - |
| 4. | Advancements in Engineering and Management Chapter: River Modelling using HEC-RAS Software (Case study on Madhira to Keesara), Year: 2021 | Manglam | 978-93-91193-01-0 |
| 5. | Lecture Notes on Design of Steel Structures as per IS: 800-2007, Year:2021 | Self Publication | 978-93-5493-632-6 |
| 6. | Feasibility Study of Grade- Separated Intersection (Case Study at Balanagar Junction-Hyderabad) Year: 2022 | Tech Press | 978-93-9169-706-8 |

13. Consultancy Work

| S. No. | Name of the work | Company | Amount in Rupees | | | | |
|--------|---|---------------------------------------|------------------|--|--|--|--|
| | Academic Year 2022-23 | | | | | | |
| 1. | Compression Test on Concrete Cubes | Sophists Technologies Pvt Ltd | 25,000/- | | | | |
| 2. | G+2 Extension of Residential Building | Kalpesh Patel Architects | 80,000/- | | | | |
| 3. | NDT Test on Foundation- Micro Piles | EE Engineering Constructions Services | 50,000/- | | | | |
| | Acaden | nic Year 2021-22 | | | | | |
| 4. | NDT Test on Foundation- Micro Piles | EE Engineering Constructions Services | 50,000/- | | | | |
| 5. | Compression Test on Concrete Cubes | Sophists Technologies Pvt Ltd | 10,000/- | | | | |
| 6. | Inspection for Rehabilitation of Cracks in the Club House | Vasant Technocrats Pvt Ltd | 50,000/- | | | | |
| | Academic Year 2020-21 | | | | | | |

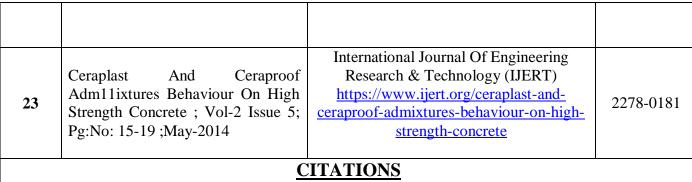
| 7. | NDT Test | EE Engineering Constructions Services | 40,000/- |
|----|----------|---------------------------------------|----------|
| 8. | NDT Test | Chaitanya Engineering Works | 50,000/- |

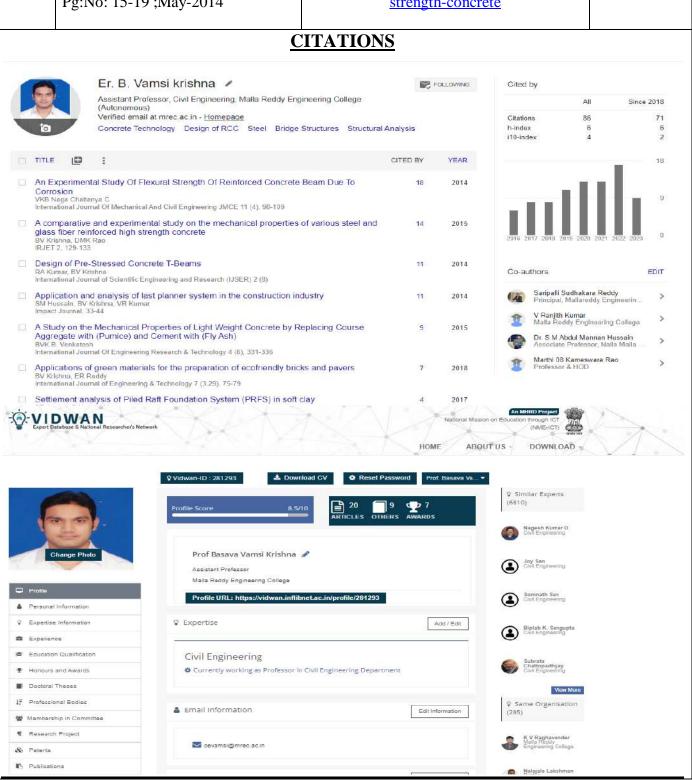
14. Research, Publications And Academic Contributions

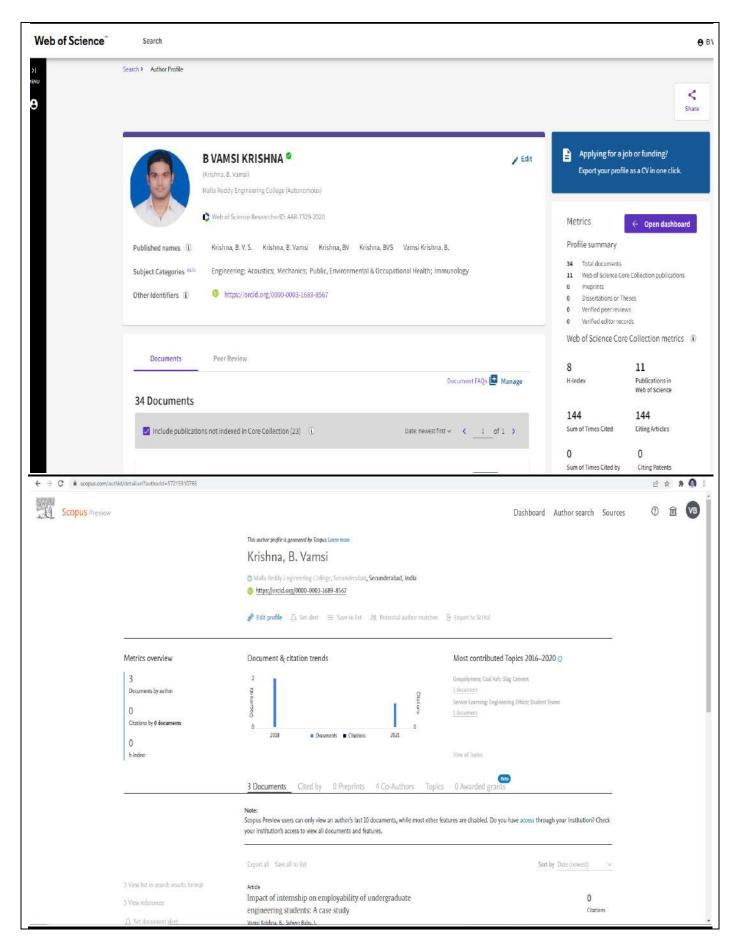
| SNO | TITLE OF THE PAPER | JOURNAL | ISSN/ISBN |
|-----|---|---|---|
| 1 | Comparative Analysis & Design Of Rcc Preheater Tower & Steel Structure Preheater Tower As Per Indian Standard Code By Using Staad Pro, 2023 | IOP: Earth and Environmental Science" https://iopscience.iop.org/article/10.1088/ 1755-1315/1130/1/012025/pdf | SCOPUS 1755-1315 |
| 2 | Fragility Comparison For Soft Storey Infill Reduced Structures By Incremental Dynamic Analysis, 2023 | IOP: Earth and Environmental Science" https://iopscience.iop.org/article/10.1088/ 1755-1315/1130/1/012029 | SCOPUS 1755-1315 |
| 3 | Analysis of Welded Connection plates by using ANSYS (Comparative Study-Finite Element Analysis with Elastic Analysis) 23.06.2021 | GEINTEC – Gestao Inovacao e Tecnologias https://www.revistageintec.net/index.php/r evista/article/view/2240 | WOS ISSN: 2237- 0722 |
| 4 | Deformation of Anti Symmetrical Laminate Using MATLAB Software, 2020 | Solid State Technology http://solidstatetechnology.us/index.php/J SST/article/view/4023 | SCOPUS Indexed and Q4 Journal ISSN 0038- 111X |
| 5 | Shear Wall Analysis And Design Optimization In Case Of High Rise Buildings Using By Etabs, 2020 | Solid State Technology https://solidstatetechnology.us/index.php/J SST/article/view/4020 | SCOPUS Indexed and Q4 Journal ISSN 0038- 111X |
| 6 | Comparative studies on axially loaded steel tubular stub concrete column with and without shear keys, Aug 2019. | Journal of Applied science and computations (JASC) https://app.box.com/s/6qawsyevf7jpvo1j5 ogr1h40ubpcui13 | ISO- 7021- 2008, ISSN: No: 1076- 5131 |
| 7 | Impact of Internship on Employability for Under Graduate Engineering Students : A Case Study Vol: 34, pg 67-73, April 2021 | Journal of Engineering Education Transformation (JEET) http://www.journaleet.in/index.php/jeet/article/view/153410 | Scopus Indexed ISSN 2349- 2473, eISSN 2394-1707 |

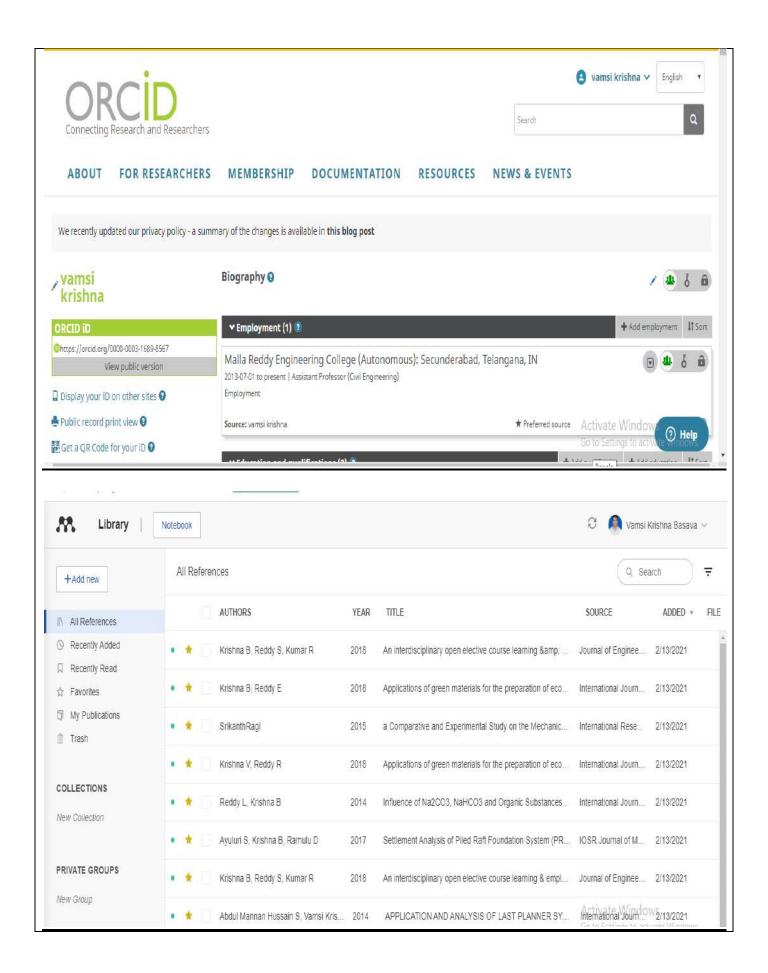
| 8 | Applications of Green Materials for the Preparation of Eco-Friendly Bricks and Pavers, Pages: 75- 79DOI: 10.14419/ijet.v7i3.29.1846 5, Aug-2018 | International Journal of Engineering and Technology (IJET-UAE) https://www.sciencepubco.com/index.php/ ijet/article/view/18465/8376 | Scopus Indexed ISSN: 2227- 524X |
|----|--|--|--|
| 9 | An Interdisciplinary Open Elective Course Learning & Employment Benefits: A case study on Green Building Course Vol-31, Pg- 63-67, Jan-2018 | Journal of Engineering Education Transformation (JEET) http://journaleet.in/index.php/jeet/article/view/120759 | ISSN 2349- 2473, eISSN 2394-1707 |
| 10 | Settlement Analysis of Piled Raft Foundation System (PRFS) in Soft Clay, Volume 14, Issue 2, Mar- April 2017, Pg: 62-68 | Journal of Mechanical and Civil Engineering (IOSR-JMCE) http://iosrjournals.org/iosr-jmce/papers/vol14-issue2/Version-8/I1402086268.pdf | 2320-334X 2278-1684 |
| 11 | Study on Fibrous Triple Blended Ultra-High Strength Concrete with (MK & CSF), October 2015, pg.no: 5-11 | Yuva Engineers Magazine http://www.yuvaengineers.com/study-on-fibrous-triple-blended-ultra-high-strength-concrete-with-mk-csf-b-nagendra-babu-b-vamsi-krishna-dr-m-kameswara-rao/ | 2320-3706 |
| 12 | Analysis of Wind Load Effects like Deflection, Bending Moment and Axial Forces on Different Shapes of High-Rise Buildings, Volume No: 2 (2015), Issue No: 10 (October), Pg.No: 650-654 | International Journal & Magazine of Engineering, Technology, Management and Research http://www.ijmetmr.com/oloctober2015/V AjayKumar-BVamsiKrishna- MKameswaraRao-98.pdf | 2348-4845 |
| 13 | Analysis And Design Of Elevated Tennis Court By Virtue Of Vertical Space Utilization Concept By Staad.Pro, Volume 6, Issue 8, August-2015, Pg:No: 268-280 | International Journal of Scientific & Engineering Research (IJSER) Indexed by Copernicus https://www.ijser.org/paper/ANALYSIS-AND-DESIGN-OF-ELEVATED-TENNIS-COURT-BY-VIRTUE-OF-VERTICAL-SPACE.html | 2229-5518 |
| 14 | A Study on the Mechanical Properties of Light Weight Concrete by Replacing Course Aggregate with (Pumice) and Cement with (Fly Ash); Volume. 4 – Issue. 08, August – 2015; pg.No: 331-336. DOI: 10.17577/ijertv4is080385 | International Journal Of Engineering Research & Technology (IJERT) https://www.ijert.org/research/a-study-on-the-mechanical-properties-of-light-weight-concrete-by-replacing-course-aggregate-with-pumice-and-cement-with-fly-ash-IJERTV4IS080385.pdf | 2278-0181 |

| 15 | Influence Of Na ₂ Co ₃ , NaHCo ₃ And Organic Substances (Algae) In Water On Physical Properties Of Blended Pozzolanic Portland Cement; Vol-3, Issue-12; Pg.No: 35-37; Dec 2014 | International Journal Of Engineering Research & Technology (IJERT) https://www.ijert.org/research/influence-of-na2co3-nahco3-and-organic-substances-algae-in-water-on-physical-properties-of-blended-pozzolonic-portland-cement-IJERTV3IS120100.pdf | 2278-0181 |
|----|---|--|-----------|
| 16 | High Strength Enhancement Of Concrete By Using Mechanical Admixtures; Vol-1, Issue-3; Pg.No: 55-59 30 Sep 2014 | International Journal Of Structural Analysis And Design | 2372-4102 |
| 17 | Study On The Effect Of Gust Loads On Tall Buildings; Vol-3; Pg.No: 14-19; Aug-2014 | International Journal Of Structural And Civil Engineering Research (IJSCER) http://www.ijscer.com/uploadfile/2015/04 13/20150413034626712.pdf | 2319-6009 |
| 18 | Design Of Pre-Stressed Concrete T-Beams; Vol. 2, No. 3, 2014: pp. 1-14;Dec-2014 | International Journal of Bridge Engineering (IJBE) Free Journal https://www.ijbe.net/issues/volumes/iteml isst/category/18-issue-3-sep-dec-2014 | 2241-7443 |
| 19 | Design Of Pre-Stressed Concrete T-Beams; Vol-2, Issue-8, Pg.No: 37-42; Aug-2014 | International Journal Of Scientific Engineering And Research (IJSER) https://www.researchgate.net/profile/Basava-Vamsi- wa-Vamsi- krishna/publication/349287201 Design o https://www.researchgate.net/profile/Basava-Vamsi- <a href="https://www.researchgate.net/profile/Basava-Vamsi</th><th>2437-3878</th></tr><tr><th>20</th><th>An Experimental Study Of Flexural Strength Of Reinforced Concrete Beam Due To Corrosion; Vol-11, Issue-4; Pg.No: 98-109;Aug-2014</th><th>International Journal Of Mechanical And Civil Engineering (IOSR-JMCE) http://iosrjournals.org/iosr-jmce/papers/vol11-issue4/Version-2/M0114298109.pdf | 2278-1684 |
| 21 | Application And Analysis Of Last Planner System In The Construction Industry; ;Vol-2 Issue-6; Pg:No. 33-44;Jun-2014 | International Journal Of Research In Engineering & Technology (IJRET) Impact Journals https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.684.4725&rep=rep1&type=pdf | 2347-4599 |
| 22 | Ceraplast And Ceraproof Admixtures Behaviour On High Strength Concrete; Vol-2 Issue 5; 9Pg:No: 15-18; June-2014 | International Journal Of Scientific Engineering Research (IJSER) https://www.ijser.in/archives/v2i5/SjIwM TMyNzc=.pdf | 2347-3878 |









| | NATIONAI | L/INTERNATIONAL CONFERENC | CE PAPERS |
|-----|---|---|--|
| SNO | TITLE OF THE PAPER | Conference | ISSN/ISBN |
| 1 | High Strength Enhancement Of Concrete By Using Mechanical Admixtures; May 24 &25 2014, Pg.No: 1038-1043 | International Conference On Advances In Engineering And Technology- (ICAET-2014), Roorkee | 978-1-63248-028-6 https://www.seekdl.org/confere nces/paper/details/3765.html |
| 2 | A detailed Investigation Report on Sri Ram Sagar Dam/Reservoir and Distributory Canal Efficiencies, 30 th -31 st July 2015, Pg:no: 76- 85 | 2 nd Two Day National Conference on Water, Environment & Society (NCWES-2015), Hyderabad | 978-93-83635-87-0 https://jntuhist.ac.in/web/bulleti ns/110_2015_proceedings.pdf |
| 3 | A Comparative and Experimental study on the mechanical properties of various steel and glass fiber reinforced High Strength Concrete, 14 th - 16 th Dec 2015, Pg: no: 1370-1379 | Three day International Conference on Innovations in Structural Engineering (IC-ISE-2015), Hyderabad | 978- 81- 7371- 986 -8 http://www.uceou.edu/civil/wor kshop/IC-ISE%20Brochure.pdf |
| 4 | An Experimental Investigation On Strength Properties Of Plain Concrete Using Waste Foundry Sand, | 2 nd International Conference on Sustainable Energy and Built Environment, VIT, Vellore | 978- 68- 5469- 345 -4 https://conferencealerts.com/sho w-event?id=144309 |
| 5 | A Material By Itself Can Be Eco-Friendly Bamboo: As A Construction Material, 15 th - 16 th Dec 2017, Pg: no: 101-110 | Two Day National Conference on Recent Innovations in Civil Engineering (RICE 2017) | 978-93-5279-269-6 https://drvsr.files.wordpress.co m/2017/12/e-proceedings-rice- 2017-final-draft.pdf |
| 6 | An Interdisciplinary Open Elective Course Learning & Employment Benefits: A case study on Green Building Course, | International Conference on Transformations in Engineering Education (ICTIEE-2018) | IUCEE https://www.tce.edu/sites/defaul t/files/ictiee2018.pdf |

| 7 | Applications of Green Materials for the Preparation of Eco- Friendly Bricks and Pavers, 04th- 06th June 2018, Pg: no: | 5th National Conference on Water Environment and Scoiety-2018 | 978-93-87593-72-5 https://jntuhist.ac.in/web/notific ations/52 NCWES%202018.pd <u>f</u> |
|----|---|--|---|
| 8 | Environmental- Friendly Concrete for Sustainable Construction of the Buildings, 04th- 06th June 2018, Pg: no: | 5th National Conference on Water Environment and Scoiety-2018 | 978-93-87593-72-5 https://jntuhist.ac.in/web/notific ations/52_NCWES%202018.pd f |
| 9 | Preparation of Eco- friendly Bricks and Paver Blocks & their applications as Green Materials, 12th- 13th July 2018, Pg: no: 60 | International Conference on Research advancements in Applied Engineering Sciences, Computer and Communication Technologies (ICRAAESCCT-2018) | 978-81-937041-9-6 https://www.iferp.in/digital-library/conference-proceedings/2018/18-ICRAAESCCT%20-%2018%20book%20with%20Cover.pdf |
| 10 | Dimensional Seismic Analysis of Irregular Reinforced Cement Concrete Framed Structure by using STAAD.Pro, 19 th September 2020, Pg: No: 50-55 | National E-Conference on Recent Advances in Civil Engineering (RACE-2020), Guru Nanak Institutions, Hyderabad | 978-81-947249-1-9 https://www.researchgate.net/pu blication/350486023_Dimensio nal_Seismic_Analysis_of_Irreg ular_Reinforced_Cement_Concr ete_Framed_Structure_by_usingSTAADPro |
| 11 | Seismic Analysis of a (G+7) Multi-storey Building with and without Hanging columns- A comparative Study 19th September 2020, Pg: No: 117-121 | National E-Conference on Recent Advances in Civil Engineering (RACE-2020), Guru Nanak Institutions, Hyderabad | 978-81-947249-1-9 https://www.researchgate.net/pu blication/350485876 Proceedin gs of National E- Conference on Recent Advanc es in Civil Engineering RAC E- 2020 Seismic Analysis of A G7 Multi- storey Building with and with out Hanging Columns- A Comparative Study |
| 12 | Fragility Comparison for Soft Storey Infill Reduced Structures by Incremental Dynamic Analysis, 14th & 15th October 2022 | International Conference on "Innovative Technology for Smart Construction Materials and Sustainable Infrastructure" (ITSCMSI), Velagapudi Ramakrishna Siddhartha Engineering College | IOP: Earth and Environmental Science" https://iopscience.iop.org/article /10.1088/1755- 1315/1130/1/012025/pdf |

| | | (Autonomous), Vijayawada | |
|----|---|---|---|
| 13 | Comparative Analysis & Design Of Rcc Preheater Tower & Steel Structure Preheater Tower As Per Indian Standard Code By Using Staad Pro, 2022, 14th & 15th October 2022 | International Conference on "Innovative Technology for Smart Construction Materials and Sustainable Infrastructure" (ITSCMSI), Velagapudi Ramakrishna Siddhartha Engineering College (Autonomous), Vijayawada | IOP: Earth and Environmental Science" https://iopscience.iop.org/article/10.1088/1755-1315/1130/1/012029 |

15. Additional Responsibility & Achievements in College

• National Assessment and Accreditation Council (NAAC)- Associate Coordinator

| Grade | Score | CGPA | Validity |
|-------|-------|------|--------------------------------|
| A++ | 3520 | 3.52 | 8-3-2022 to 7-3-2029 (7 years) |

• National Institutional Ranking Framework (NIRF-2021)- Nodal Officer

| Category | Rank Band |
|-------------|-----------|
| Engineering | 251-300 |

• National Institutional Ranking Framework (NIRF-2022)- Nodal Officer

| Category | Rank Band |
|-------------|-----------|
| Engineering | 201-250 |

16. Duties and Responsibilities as Civil Training and Placement coordinator

- Corresponding with prospective companies of Civil for interview date and schedule of placement drives.
- Arranging training programs to students based on the latest technologies and industry requirements.
- Supporting Educational Institutions with Industry MOU's for Internships, Trainings, Industrial Visits, Industrial Guest Lectures, Techno speakers etc.,
- Arranging meets between institution and industry to bridge the Gap between Academia and Industry.
- Career Guidance towards Public and Private Competitive Exams, Higher Studies in India and abroad entrance exams like GATE, GRE, TOFEL, IELTS, PTE etc...,
- Providing necessary inputs about the college and to co-ordinate placement co-ordinator for smooth functioning at various locations (interview halls, written test halls, canteen etc).

- To collect the appointment letters or correspond to get them as soon as the interview is over.
- To distribute appointment letters and collect acceptance letters from the students and dispatch to employees.
- To identify a standby placement officer to take over the responsibilities during the absence of Placement Officer.

17. NPTEL Courses

| S.No | Subject | Status (Registered / Completed) | Year |
|------|---|---------------------------------------|------|
| 1 | Plastic Waste Management | Registered | 2024 |
| 2 | Maintenance and Repair of Concrete Structures | Registered | 2024 |
| 3 | Admixtures and Special Concrete | Completed | 2023 |

18. Coursera Courses

| S.No | Subject | Status (Registered / Completed) | Year |
|------|--|---------------------------------------|------|
| 1 | Research Methodologies | Completed | 2023 |
| 2 | Understanding Research Methods | Completed | 2023 |
| 3 | Introduction to Engineering Mechancis | Completed | 2020 |
| 4 | Mechanics of Materials-1 (Fundamentals of Stress & Strain and Axial Loading) | Completed | 2020 |
| 5 | Mechanics of Materials-2 (Thin-walled pressure vessels and Torsion) | Completed | 2020 |
| 6 | Mechanics of Materials-3 (Beam Bending) | Completed | 2020 |
| 7 | Mechanics of Materials-4 (Deflections, Buckling, Combined loading and Failure) | Completed | 2020 |
| 8 | Air Pollution-A global threat to our Health | Completed | 2020 |
| 9 | Introduction to Sustainability | Completed | 2020 |
| 10 | Introduction to Indoor Air-Quality | Completed | 2020 |
| 11 | Water Resources Management and Policy | Completed | 2020 |

19. LinkedIn Courses

| S.No | Subject | Status (Completed) | Year |
|------|---|-----------------------|------|
| 1. | Construction Industry: Going Digital in the Field | Completed | 2021 |
| 2. | On the Job Site: Construction | Completed | 2021 |
| 3. | Michelle Kaufmann's Platinum LEED Home Remodel: Start to Finish | Completed | 2021 |
| 4. | The Employee's Guide to Sustainability | Completed | 2021 |
| 5. | Cert Prep: LEED Green Associate | Completed | 2021 |
| 6. | Sustainability strategies | Completed | 2021 |
| 7. | Learning Design for Sustainability | Completed | 2021 |
| 8. | Introduction to LEED Credentialing | Completed | 2021 |
| 9. | Navigating Environmental Sustainability: A Guide for leaders | Completed | 2021 |
| 10. | Stay Ahead in Construction Management | Completed | 2021 |
| 11. | Construction Management: Managing Risk | Completed | 2021 |
| 12. | Construction Management: Introduction to Lean Construction | Completed | 2021 |
| 13. | Construction Management: Planning and Scheduling | Completed | 2021 |
| 14. | Construction Management: Reading Drawings & Specifications | Completed | 2021 |
| 15. | construction Management: Technology on the Jobsite | Completed | 2021 |
| 16. | Construction Management: Safety & Health | Completed | 2021 |
| 17. | Critical Thinking | Completed | 2021 |
| 18. | Construction Management: Foundation | Completed | 2021 |
| 19. | Smart Cities: Solving Urban Problems Using Technology | Completed | 2021 |
| 20. | Introduction to LEED Certification | Completed | 2021 |
| 21. | Green Building Concepts Foundations | Completed | 2021 |

| 22 | Construction Management: Concrete Construction | Completed | 2021 |
|----|--|-----------|------|
| 23 | Construction Management: Reading Civil Construction Drawings | Completed | 2021 |

20. Research Areas of Interest

- **Design of Steel Structures** Connections
- **Design of Reinforced Concrete Structures** Ribbed Slabs, Health Monitoring of Structures
- Structural Analysis
- **Strength of Materials** Composite Materials
- Advancements in Concrete Technology Smart Concrete, Non-Destructive Tests
- Building Materials and Constructions
- **Bridge Engineering** Prestressed Concrete BOX Girders
- Green Buildings Sustainable Engineering Materials, Green Materials

21. Subjects Taught During Last Three Years

- Design of Steel Structures (B.Tech III-II Semester)
- Advanced Design of Steel Structures (M.Tech I-II Semester)
- Bridge Engineering- (M.Tech I-I Semester)
- Advanced Structural Analysis (M.Tech I-I Semester)
- Advanced Concrete Technology- (M.Tech I-I Semester)
- Strength of Materials- (B.Tech II-I Semester)
- Environmental Impact Assessment and Management (B.Tech III-I Semester)
- Green Buildings (B.Tech III-I Semester)
- Prestressed Concrete Structures (B.Tech IV-I Semester)
- Design of Prestressed Concrete Structures (M.Tech III Semester)

22. Introduction of Syllabus Up-Gradation

- Revised the B.Tech(Civil) & M.Tech(Structural Engineering) **MR-14** syllabus as per the college autonomous norms as a board of studies member.
- Revised the B.Tech(Civil) & M.Tech(Structural Engineering) **MR-15** syllabus as per the college autonomous norms as a board of studies member.
- Revised the B.Tech(Civil) & M.Tech(Structural Engineering) under CBCS guided by UGC, MR-16 syllabus as per the college autonomous norms as a board of studies member.
- Revised the B.Tech(Civil) & M.Tech(Structural Engineering) under CBCS guided by UGC,
 MR-17 syllabus as per the college autonomous norms as a board of studies member
- Revised the B.Tech(Civil) & M.Tech(Structural Engineering) under CBCS guided by UGC,
 MR-18 syllabus as per the college autonomous norms as a board of studies member
- Revised the B.Tech(Civil) & M.Tech(Structural Engineering) under CBCS guided by UGC,
 MR-20 syllabus as per the college autonomous norms as a board of studies member

23. B.Tech Project Works/ M.Tech Thesis

- B.Tech 35 Projects Works Completed
- M.Tech 20 Thesis Completed, 2 Under Progress

24. Extra Curriculum Activities

- Attended as a Judge for the National Level Technical Symposium- TEXPLOSION 2K14 held in Malla Reddy Institute of Technology on 7th to 8th March 2014
- Given Guest Lecture on Basics of Structural Engineering in Aurora's Technological and Research Institute on 11th January 2016.
- Attended as a Lab External Examiner, Question paper setter, Scripts Correction, Exam observer in various Institutions
- Qualified in **Assistant Executive Engineer** Exam conducted by Telangana Govt in the year 2015 (**Score- 235**)
- Participated in the Massive Bucket Immersion Campaign organized by Lee Shreyus Foundation in Association with Bharat Today, NSS unit, MREC(A).
- Strong in Outcome Based Education by attending various Workshops on OBE.
- Gained Experience in acquiring UGC, NAAC, NBA (UG &PG), ABET Accreditations.
- Secured Chartered Engineer license from Institution of Engineers, India (M-1617472)
- Received "Best citizen of India Gold Medal Award" from Global Economic Progress and Research Association on 05-03-2018
- Received "Innovative Professor of the Year" from Global Teaching Excellence Award 2020" on 27-12-2020
- Received "Best Editorial Board member from "Yuva Engineers Magazine" with ISSN No: 2320-3706 for Academic Year 2020-21
- Received an Appreciation certificate for notable contribution as a Resource Person for "One Day online Webinar on "Improvement of Academic Performance Index" organized by Srinivasa Ramanujan Institute of Technology on 19-07-2021.
- Received "Best teacher award for "Outstanding Contribution in Teaching and Learning" category from Dr. S Radhakrishnan Bharat Shiksha Awards 2022 on 05-09-2022.
- Received "ISNT Outstanding Contribution Award in Non-Destructive Testing" in civil engineering from Indian Society of Non-Destructive Testing (Hyderabad Chapter) on 15-10-2022.

• Received an Appreciation certificate for conducting the training session on "Implications of

NIRF Ranking on Higher Education Institutions" organized by Engineering Staff college of

India on 23-03-2023.

• Received an Appreciation letter for exceptional contribution to the academic development of

the IIIT Basara Students on "Concrete Mix Design" organized National Academy of

Construction on 12-06-2023.

• Received an Appreciation certificate for enlightening and informative workshop on

"Awarness session on NAAC, NBA & NIRF and an overview of the New Educational Policy-

2020" organized by Sri Venkateswara College of Engineering, Kadapa on 08-07-2023.

Personal Profile:

Name : Basava Vamsi Krishna

Father's Name : B. Sankar Babu

Date of Birth : 20th Feb 1987

Gender : Male

Marital Status : Married

Nationality : India

Citizenship : India

Languages Known: Telugu, English and Hindi

Declaration: I hereby declare that all the above furnished information is true and correct the best of my

knowledge

Date: 26-11-2023

Place: Hyderabad (B. VAMSI KRISHNA)

26