

P.V. Rambabu



2. Date of Birth : 05-04-1986

3. Designation : Assistant Professor

4. Degrees obtained, with field, institutions and dates:

Qualification	University/Board	Name of the College	Specialization	Year of Passing	Division/Class
X Class	SSC	Adarsha English Medium School	Composite	2002	FIRST
Intermediate	Board of Intermediate, A.P	Aditya Junior College	M.P.C	2004	FIRST
UG	Andhra University	SRKR Engineering college	Civil Engineering	2008	FIRST
PG	Andhra University	SRKR Engineering college	M.E(Structures)	2012	FIRST
PhD	Andhra University	Andhra university		Pursuing	

5. Teaching /Industry Experience:

S No	Designation	Organization	Period		Total Exp. Years and Months	Nature of Employment
			From	To		
1	Assistant Professor	SRKR Engineering College	17-09-2008	Till date	11years 05 months	Adhoc
2	Assistant Engineer	IVRCL Construction Pvt limited	01-05-2008	16-09-2008	5 months	Adhoc

6. SUBJECTS TAUGHT

Undergraduate Students

1. Engineering Mechanics
2. Structural Analysis
3. Concrete Technology
4. Design of Reinforced Concrete Structures
5. Design of Steel Structures (I&II)
6. Surveying (I&II)

Post graduate Students

1. Structural Dynamics
2. Structural Reliability
3. Advanced Reinforced Concrete Structures
4. Repairs, Rehabilitation and Retrofitting of Structures
5. Earthquake Engineering
6. Bridge Engineering
7. Advanced Concrete Technology

7. Consultancy

- Structural design , Material Testing, Mix designs and plate load test for several government departments ,private organizations for minor and major works had been undertaken and some of the majors works are
- Design of lift irrigation scheme on left bank on Yenamuduru Drain at Mypa village, palakoderu mandal ,west Godavari district ,Andhra Pradesh ; **client**; A.P.S.I.D.C ltd Eluru **capital** Generated 50,000 (2012-2013)
- Mix Desgin and material Testing for Road bed, Major and minor bridges, track linking, genral electrical ,traction and signal and telecommunications works in connection with doubling with railway electrification of gudivada- bhimavaram section from km 51.50 to 105 between moturu and bhimavaram town station in Vijayawada division of south central railway **client**; NCC – PREMCO(JV) **capital** generated 3.5 lakhs (2013-2014)
- Mix Desgin , Material testing, and plate loading test for use on ISRMC from Km 105.100 t0 133.800 for government of Andhra pradesh Irrigation & Cad department **client** ; Prasad construction pvt ltd **Capital** generated 1.5 lakhs(2014-2015)
- Structural Design of G+1,G+3 railway buildings Client; Prasad construction pvt ltd (2015-2016)
- Plate load test for irrigation Structures of left and right main canals of Chintalapudi lift irrigation about 100 plate loads are carried out Clients; Prasad, SEW, PCI, Irrigation Department of Ap Capital Generated 8 Lakhs (2016-2017)

8. RESEAECH PUBLICATIONS

INTERNATIONAL JOURNALS

1. **Rambabu P V**, Ramarao G V (2018) “M60 Grade Rice Husk Ash Concrete in sulfate Milieu “International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 6, June, 2018, pp 99-108 (ISSN: 0976-6316) **SCOPUS INDEXED**
2. **Rambabu P V**, Ramarao G V (2018) “Rice Husk Ash as an Admixture of M₃₀ grade Concrete Exposed to Sulfate Environment” International Journal of Engineering & Technology, (IJET) 5 (x) (2018) June, 2018 (ISSN: 2227-524X) **SCOPUS INDEXED**
3. **Rambabu P V**, Ramarao G V (2018) “SUGARCANE BAGASSE ASH AS AN ADMIXTURE IN M60 GRADE CONCRETE EXPOSED TO SULFATE ENVIRONMENT” Jordan Journal of Civil Engineering (JJC) (Under review) **SCOPUS INDEXED**
4. **Rambabu P V**, Ramarao G V, Adhira V (2018) “M60 Grade Rice Husk Concrete in Acidic Milieu” International Journal for Research in Engineering Application & Management (IJREAM) Volume 04, Issue 103, JUNE 2018, pp 53-57 (ISSN: ISSN: 2454-9150) **UGC APPROVED JOURNAL** (DOI : 10.18231/2454-9150.2018.0298)
5. **Rambabu P V**, Ramarao G V (2017) “ Study on Sugarcane Bagasse Ash as a Partial replacement of cement in M60 grade Concrete Exposed to Acidic Environment” International Journal of Civil Engineering, Volume 4, Issue 9, September 2017, pp 33-41 (ISSN:2348-8352) **UGC APPROVED JOURNAL**
6. **P V Rambabu**, G. Aditya, G V Ramarao, ” Effect of Acidic Environment (HCL) on Concrete With Sugarcane Bagasse Ash As Pozzolona ” Int. Journal of Engineering Research and Applications Vol. 5, Issue 11, (Part - 4) November 2015, pp.59-64 , www.ijera.com, ISSN: 2248-9622 **UGC APPROVED JOURNAL**
7. **P.V.Rambabu**, V.Chankaya Varma, G.V.Ramarao “Experimental Study on Rice Husk Ash for Optimum Level of Replacement of Cement in Concrete” International Journal of Engineering Research & Technology (IJERT) Vol. 4 Issue 10, October-2015, PP.354-359 ISSN: 2278-0181 **Indexed In Google Scholar**
8. **P V Rambabu** , J Gopala Varma , G V Ramarao “Durability Study on Rice Husk Ash for Optimum Level of Replacement of Cement in Concrete” International Journal of Engineering Trends and Technology (IJETT) – Volume 28 Number 3 - October 2015, pp.144-149, ISSN: 2231-5381 **UGC APPROVED JOURNAL**
9. **P V Rambabu**, K.Dendhendhra Gupta, G V Ramarao “Effect of Sulphates (Mgso₄) On Concrete with Sugarcane Bagasse Ash as a Pozzolana” International Journal Of Modern Engineering Research (IJMER), Vol. 5 , Iss. 11, November 2015, pp.50-56, ISSN: 2249–6645 **UGC APPROVED JOURNAL**
10. **P V Rambabu**, K.Dendhendhra Gupta, G V Ramarao ” Effect of Sulphates (Na₂So₄) On Concrete with Sugarcane Bagasse Ash as a Pozzolana” International Journal of Engineering and Applied Sciences (IJEAS) Volume-3, Issue-1, January 2016, pp.21-25, ISSN: 2394-3661 **Indexed In Google Scholar**
11. **P.V. Rambabu** , T. Murali Sai Krishna , G.V. Ramarao” CHARACTERISTICS STUDY ON DIFFERENT TYPES OF CEMENT MORTARS REPLACED WITH SCBA AS A ADMIXTURE” International Journal of Engineering Trends and Technology (IJETT) – Volume 36 Number 3- June 2016 pp.116-121, ISSN: 2231-5381 **UGC APPROVED JOURNAL**

12. V.V.S.Sarma , **P.V.Rambabu** , G.Venkata Ramarao ” Durability Study on Compressive Strength of concrete using Rice Husk Ash as a Partial replacement using Magnesium Sulphate Solution” International Journal of Engineering Research and Development Volume 10, Issue 5 (May 2014), PP.43-47 e-ISSN: 2278-067X, p-ISSN: 2278-800X **Indexed In Google Scholar**
13. VVS.Sarma, **P.V.Rambabu**,Dr.N.C.Anil “Durability Studies on Concrete with Hypo Sludge as Partial Replacement of Cement” Int. Journal of Engineering Research and Application ISSN : 2248-9622, Vol. 6, Issue 5, (Part -7) May2016, pp.81-85 ISSN : 2248-9622 **UGC APPROVED JOURNAL**
14. Ch.Sivanarayana , K Pratyusha , **P V Rambabu**, G V Ramarao “International Journal of Engineering Research and Development e-ISSN: 2278-067X, p-ISSN: 2278-800X, Volume 10, Issue 4 (April 2014), PP.43-49 e-ISSN: 2278-067X, p-ISSN: 2278-800X **Indexed In Google Scholar**
15. **P.V.Rambabu**, K Sudeepa and GV Ramarao ” Characteristics study on different types of cement mortars replaced with RHA as an admixture” International Journal of Applied Research 2016; 2(6),pp.476-480 ISSN Print: 2394-7500 ISSN Online: 2394-5869 **Indexed In Google Scholar**

NATIONAL / INTERNATIONAL CONFERENCES

1. **Rambabu P V**, Ramarao G V (2018) “Rice Husk Ash Blended M30 Grade Concrete exposed to Acidic Environment” 1st International conference on latest innovations in Materials Engineering and Technology, Vizianagaram, June 18, 2018.
2. **Rambabu P V**,G Aditya and G V RamaRao(2016) “ Effect of Acidic Environment on concrete with Sugarcane Bagasse Ash As a Pozzolona”,National conference on Advances in Construction Technology and management at VNIT Nagapur,19th -20th February,2016
3. **Rambabu P V**, Aditya G, Ramarao G V (2016) ” Durability Study on Sugarcane Bagasse Ash As an Admixture in M30 grade Concrete” Proceedings of The Institute of Engineers (India) 31st Indian Engineering Congress, Kolkata, December 15-18,2016,pp 57-62.

9. M.TECH PROJECTS GUIDED: (28)

1. M.N.V.L.Santhi(2012) :- Durability Studies on concrete with sugar cane Bagasse ash as a partial replacement of cement in sodium sulphate solution
2. P.VijayaHima (2012):- Study on concrete with sugar cane Bagasse ash as a partial replacement of cement using hydrochloride solution
3. R. RamyaSwetha(2012) :- Experimental studies on concrete with sugar cane Bagasse ash as a partial replacement of cement using magnesium sulphate solution
4. V.V.S. Sarma(2013) :- Durability studies on concrete with RHA as a partial replacement of cement and comparison with sugar cane Bagasse ash concrete
5. CH.SivaNarayana (2013):- A Study on sulphuric acid attack on concrete with RHA as a partial replacement of cement
6. Janaki Rama Raju (2013):-Durability study on concrete with fly ash as a partial replacement of cement and comparison with sugarcane Bagasse ash results
7. K.Pratyusha (2014):- Experimental Study on concrete with fly ash as a partial replacement of cement and comparison with sugar cane Bagasse ash results

8. Ch.HimaBindu (2014):- Sugar cane Bagasse ash as a partial replacement of cement in concrete
9. P.KrishnaDeepika (2014):-Fly ash as a partial replacement of cement in concrete and durability study of Fly Ash in Acidic Environment
10. MD Lamiya Nazineen (2014):- Durability Study on Concrete with Rice Husk Ash as a Partial Replacement of Cement
11. K.Dendhendra Gupta Kottagundla(2014) :- Durability of concrete with sugar cane Bagasse ash as a partial replacement of cement in concrete
- 12.GurramAditya(2014) :- Effect of acidic environment (H_2SO_4 and HCL) on concrete with sugar cane bagasse ash as Pozzolana
13. J.GopalVarma (2015) :- Durability study on rice husk ash for optimum level of replacement of cement in concrete
14. V.ChanakyaVarma(2015) :-Experimental study on rice husk ash for optimum level of replacement of cement in concrete
15. M.Tulasi (2015):-Durability study on sugarcane Bagasse ash as pozzolana in M30 grade concrete
16. V.Tejaswi (2015):-Experimental study on sugarcane Bagasse ash as pozzolana in M30 grade concrete
17. G.RajaGopalaRao (2015):-Durability studies on concrete with sugar cane Bagasse ash as a partial replacement of cement in concrete
18. D. Yesepu (2016):- Experimental Study on M60 Grade Concrete using Sugarcane Bagasse Ash as a Partial Replacement of Cement
19. P.Vamsi (2016):- Effect of Sulfate Environment ($MgSO_4$ AND Na_2SO_4) on Concrete with Rice Husk Ash as Pozzolona.
- 20.K.S.S.Satish(2016):- Strength Studies on Ceramic Waste Concrete
- 21.D.Sreeman(2016):- Durability Studies on Ceramic Waste Concrete
22. K.Sudeepa (2015):- Experimental study on rice husk ash as a partial replacement of cement in cement mortar
23. T.Murali Sai Krishna (2015):- Characteristic Study on Different Types of Cement Mortars Replaced With SCBA as an Admixture
24. P. Dhana Lakshmi (2017):- A Study on Sugarcane Bagasse Ash for Optimum Level of Replacement of Cement in Concrete
25. M.Maheswari(2017):- An Experimental Study on Sugarcane Bagasse Ash for Optimum Level of Replacement of Cement in Concrete
26. V.S. Divya Teja (2017):- Durability Study on Cement Partial Replaced with Brick Powder and Fine Aggregate by Quarry Dust for M30 Concrete
27. Bh. Suresh Varma (2017):- An Experimental Study on Cement Partial Replaced with Brick Powder and Fine Aggregate by Quarry Dust for M25 Concrete
- 28.V.Adhira (2018):- Experimental and Statistical Studies on M60 Grade Rice Husk Ash Concrete

10. WORKSHOP AND FDP PROGRAMS ATTENEDED:

1. “RESEARCH METHODOLOGY AND STATISTICAL ANALYSIS” organized by SRKR Engineering College, China Amiram, Bhimavaram, Andhra Pradesh, India During 09th-14th July 2018(one week)

2. "ADVANCEMENTS IN CONSTRUCTION MATERIALS" organized by The Department of Civil Engineering, Gudlavalleru Engineering College, Gudlavalleru, Andhra Pradesh, India. During June 25-29th 2018 (**one week**)
- 3."LATEST SOFTWARE APPLICATIONS IN CIVIL ENGINEERING" organized by The Department of civil Engineering, SRKR Engineering College, China Amiram, Bhimavaram, Andhra Pradesh, India During October 23-November 4th 2017(**Two week**)
- 4."APPLICATION OF WASTE MATERIALS IN CONSTRUCTION FOR MODERN INDIA" organized by The Department of Civil Engineering, Pragati Engineering College, Andhra Pradesh, India During April 16th-17th 2016
- 5."STRUCTURAL & FOUNDATION ANALYSIS" organized by Shri Vishnu Engineering College for women, Bhimavaram during 25th-29th July,2016 (**one week**)
6. "RECENT TRENDS IN MECHANICAL ENGINEERING" organized by SRKR Engineering College, China Amiram, Bhimavaram, Andhra Pradesh, India During 31st August,2015
7. "ADVANCED CONCRETE TECHNOLOGY" organized by The Department of civil Engineering, INDIAN INSTITUTE OF TECHNOLOGY MADRAS, Chennai, India During November 29-December 4, 2015(**one week**)
8. "TOTAL STATION- APPLICATION & LIMITATIONS" organized by Andhra University, Visakhapatnam during 20th &21st may 2011.
- 9."Imparting Soft Skills and Modern Teaching Methods to The Engineering College Faculty Members" Organized by Sasi Institute of Technology & Engineering, Tadepalligudem, Andhra Pradesh During 5th -16th April,2010'(**Two Weeks**)

11. GUEST LECTURES

Lecture on Bridge engineering at Srinivasa Institute of Engineering and Technology, Amalapuram. On 15th march 2017

Lecture on Advanced Total Station at Swarnandhra College of Engineering and Technology on 17th October, 2015

12. MEMBERSHIP OF PROFESSIONAL SOCIETIES:

Life Member The Indian Society for Technical Education...**MISTE (LM 107580)**

Life Member Indian Concrete Institute...**MICI (LM 11382)**

Member of Institute of Engineer ...**AMIE (AM1625511)**

Chartered Engineer Institute of engineer (India) ...**C.Engg**

13. ADMINISTRATIVE DUTIES

- **Training and Placement Coordinator** for Civil Engineering Department from 01/01/2010 to 01/01/2015.
- **Assistant Engineering** : worked as Assistant engineering for construction works and Maintenance of campus in addition to normal duties in the college from 01/08/2014 to 01/01/2017.

- **Consultancy and Lab in charge** For strength of Materials laboratory
- **Coordinator online Internal Examination Committee** from 23/02/2018 till date
- **NAAC Team Member** for Civil Engineering Department
- **NBA Core Team Member** For Civil Engineering worked for criteria 6.
- **Committee member for Super Nova** 2009-2018 National level Student symposium conducted in civil engineering department

14. Extra Curricular Activities

Examiner/Paper Setter/paper Valuation.

- Andhra University,
- JNTU Kakinada,
- Nagarjuna University ,
- K L U University,
- V.R. Siddhartha Engineering, GIET college, DNR Engineering college, B V Raju Engineering college.
- **Organizing Member** for Annual Day, Fresher's day , Engineers day and national level seminars in civil engineering Department and involved as member in industrial tour for Students

I hereby declare that the information furnished above is true to the best of my knowledge.