

Dr. P. SRINIVASA RAO
Vice Principal & Professor in Civil Engineering JNTUHCEH
Jawaharlal Nehru Technological University Hyderabad- 500045

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Date of Birth: 30-08-1962



ACADEMIC CREDENTIALS:

B. Tech., Civil Engineering, Nagarjuna University, 1984 First Class with Distinction A.P,
M. Tech. (Structural Engineering) Mysore University, Mysore, 1988 First Class with Distinction,
Ph.D. (Structural Engineering) Jawaharlal Nehru Technological University (JNTU) 2001.

CURRENT DESIGNATION:

Vice Principal & Professor in Civil Engineering JNTUHCEH. May 2015 onwards

PAST DESIGNATIONS :

1987-1990 March Lecturer (Asst. Professor) GMR Polytechnic PADERU
1990 -1997 March Assistant Professor JNTUCEH Hyderabad
1997 March-2006 January Associate Professor JNTUCEH Hyderabad
2006 Feb -2006 July Professor JNTUCEH Hyderabad
2006 Feb -2009 January Head of Civil Engineering Department JNTU ATP
2009 January -2010 Sep Professor in Civil Engineering JNTUHCEH Hyderabad
2010 Sep-2012 Aug Head of Civil Engg Department JNTUCEH Hyderabad
2012 Sep-2013 Director BICS ,JNTUH Hyderabad
2015 May to Till Date as Vice Principal of JNTUCEH Hyderabad
2015 July – Dec 2015 Principal (Additional charge) JNTUCEH Hyderabad

ADMINISTRATIVE EXPERIENCE AND ACCOMPLISHMENTS:

- Worked as officer In charge of Examinations in JNTU Kukatpally, Hyderabad.
- Worked as NSS Program Officer In JNTU College of Engineering Kukatpally Hyderabad from 1993-1995.

- Worked as Lab In-charge for Concrete Lab JNTU College of Engineering Kukatpally Hyderabad from 1993 to 2005. Purchased New Equipment and Developed New Practicles for U.G., P.G & Research Students in Structural Engineering Laboratory.

- Worked as Project Engineer 2003 to 2006, JNTU College of Engineering Hyderabad Actively involved in construction of the following works.
 - New Building for ECE Department, JNTUCEH
 - New Building for Civil Engineering Department JNTUCEH.
- Worked as Head Department of Civil Engineering JNTU College of Engineering Ananthapur. From 2006 July to 2009 January.
- Worked as Head of Civil Engineering JNTU College of Engineering Hyderabad from 2010 Sep to till date.
- Worked as Director BICS JNTU Hyderabad.
- Working as Vice Principal JNTU Hyderabad.
- Worked as Principal (Additional charge) JNTU Hyderabad.

SERVED AS EXPERT MEMBER for:

- Chairman of Board of Studies, Department of Civil Engineering JNTU College of Engineering Hyderabad.
- Member of Board of Studies, Affiliated colleges, JNT University (Autonomous), Hyderabad.
- Governing body of Malla Reddy Institute of Technology Hyderabad.
- Member of Board of Studies of CVR College of Engineering (Autonomous) Ibrahimpatnam.
- Expert member in Signareni Collieries Company Ltd for construction of RCC pavements
- Expert member in Signareni Collieries Company Ltd for restoration and retrofitting of existing concrete structures
- Expert member in Signareni Collieries Company Ltd for restoration of 21,000 TGL Bunker Columns and Beams.
- Expert member in Signareni Collieries Company Ltd for design of dumper repair shed.
- Expert member in GHMC-kapra circle construction of shopping complex
- Expert member in Potti Sreeramulu Telugu university for quality control of buildings.
- Expert member in APTRANSCO-Design review of failed river crossing tower
- Expert member in APTS –GHMC Consultancy Works
- Expert member in JNTUH for task force member
- Expert member in RGUKT for construction activities of three campuses
- Expert member in inspection in NIN campus Tarnaka for checking structural stability
- Expert member in Government of Andhra Pradesh, Department of Technical Education for Inspection of Engineering Colleges in 4th phase
- Expert member in Archeology & Museums Department for restoration of kotagodalulu at Warangal
- Expert member in Government of Andhra Pradesh YOUTH Advancement ,Tourism & Cultural Affairs for construction of roof at telugu lalitha kalatoranam open auditorium public gardens

- Expert member in office of the Andhra Pradesh housing board for quality manual discussions with professionals.
- Expert member in Government of Andhra Pradesh R&B buildings for construction of complex at SPSR at Nellore
- Expert member in Government of Andhra Pradesh education department for RVM civil works
- Expert member in AP Housing board structural consultant
- Expert member in VNR VJIET recruitment of faculty 2011-12
- Expert member in Government of Andhra Pradesh marketing department training to engineers
- Expert member in AMOGH hotels limited for NDT Testing
- Expert member in Government of Andhra Pradesh panchayatraj department for rehabilitation and resettlement road works.
- Expert member in inspection of shopping complex at karimnagar appointed by the high court of judicature of Andhra Pradesh Hyderabad
- Academic council member CVR college of Engg. Ibrahimpatnam
- Chairaman of Board of Studies JNTU College of Engineering HYD.
- University Board of studies member in Malla Reddy College of Engineering.
- Building committee member in JNTU Hyderabad.
- Expert member in JNTUA conducting of faculty ratification interviews
- Govering Body member in Malla Reddy Institute of Technology
- Chairaman of Board of Studies JNTU College of Engineering HYD.
- University Board of studies member in Malla Reddy College of Engineering.
- Guest of Honour at Al Habeeb College of Engineering and Technology
- Chairman Board of Studies of JNTUH College of Engineering Hyderabad 2010
- Board of Studies Member in JNTUH College of Engineering Hyderabad 2011
- Board of Studies Member in JNTUH College of Engineering Hyderabad 2012
- Board of Studies Member in JNTUH College of Engineering Hyderabad 2013
- Requested for Conducting Grout Mix Design NCBM
- APEWIDC -3rd party quality control for School Buildings in Telangana State

TEACHING EXCELLENCE:

Recipient of State Award as Best Teacher Award for 2015 by the Department of Higher Education, Government of Telangana.

ICI Ultra Tech for Outstanding Concrete Engineer of Telangana – 2015 (Indian Concrete Institute)

PRESENT AREAS OF RESEARCH:

1. Special Concrete using Mineral Admixtures like fly ash micro silica etc.
2. Ultra High Strength Concrete

3. Durability Studies of Triple Blended Concretes
4. Durability Studies of Met kaolin Blended Concrete
5. Glass Fibre Self Compacting Concrete.
6. Quaternary Blended Concrete

RESEARCH EXPERIENCE:

- ❖ Associated with AICTE, MHRD R&D projects.
- ❖ Guided 8 Ph.D's, 110M.Tech projects and about 60 B.Tech projects.
- ❖ Guiding presently 7 Ph.D's and 6 M.Tech dissertations.

PAPERS PUBLISHED:

- ❖ 150 Papers published in national and international/conferences and journals.

REVIEWER OF TECHNICAL JOURNALS:

- Reviewer for The Indian Concrete Journal, 2011
- Reviewer for The Indian Concrete Journal, 2012
- Reviewer for The Indian Concrete Journal, 2013
- Reviewer for The Indian Concrete Journal, 2014
- Reviewer for The Indian Concrete Journal, 2015
- Reviewer of Institutions of Engineers 2004
- Reviewer of Institutions of Engineers 2005
- Reviewer of Institutions of Engineers 2006
- Editorial Board member in Journal of Research India Publications
- Editorial Board member in Research Journal of Engineering & Technology Ananthapur ISSN 0974-2824

MEMBER OF EVALUATION OF COMMITTEES:

- External examiner for Ph.D. dissertations at JNTU, Hyderabad.
- External examiner for M.Tech dissertations at NIT, Warangal
- External examiner for M.Tech dissertations at AU, Warangal
- External examiner for M.Tech dissertations at OU, Warangal
- External examiner for B.Tech at JNTU (Autonomous), Kakinada,
- External examiner for B.Tech at BEC, Bapatla
- External examiner for B.Tech at CBIT, Hyderabad
- External examiner for Ph.D. dissertations at JNTU, Ananthapur
- External examiner for Ph.D. dissertations at S.V.U Tirupathi

CONTRIBUTION TO ENGINEERING FRATERNITY THROUGH VARIOUS ASSOCIATES/INSTITUTIONS:

- Four years served as active member of executive committee ICI Andhra Pradesh State Center. During this period, organized more than five National Level seminars and workshops related to special concretes.
- The services to ICI Andhra Pradesh State Center was well appreciated by members and Contributed to get best centre above for Andhra Pradesh State Center.
- As a member of executive committee of IAStructE activity involved in organizing National and International Seminars and Conferences namely **“Our world of concrete 2013 and 2014”** emphasis were given the invasions of concrete Technology/Summits and chaired the session on concrete surgery.
- He was a active member in organizing the following workshops
 - (i) National Workshop on **“Quality Control of Concrete”**, Indian Concrete Institute -2001, Hyderabad chapter.
 - (ii) National Workshop on **“Issues and Concerns of Buildings”** on. 1st Feb, 2009
 - (iii) National Workshop on **“Construction and Demolition Waste Recycling”(CDWR)** February 2015

CONSULTANCY SERVICES OFFERED:

MIX DESIGN OFFERED FOR PRESTIGIOUS PROJECTS

- To Construction of intake structure, Power house, D.T. Structure, Tail race pool and related Structure at PJHE Project (6 x 39 MW) near Revulapally Village. Mahaboobnagar District.
- To construction Right Main Canal, distribution system including construction of CM & CD works from shankaraSamudram balancing reservoir, kanaipally(V) Kothakota(M), Mahaboobnagar District.
- To construction of Reservoir across MathadiVagu near Waddadi(V) Thamsi(M) Adilabad District.

- To construction embankment of AMRP low level main canal from km27 to km 63 and distributory system covered from km 0.0 to km 63.0 including their CM & CD works and FC Network covering an ayacut of 37000 acres in Nalgonda District.
 - To Construction, extension of NTR & RG terminal buildings at Hyderabad Airport, Begumpet, Hyderabad.
 - To construct water Tanks for Metro Water Works Department.
 - To construct fly Overs for HUDA ,Hyderabad
 - To construct Orient Cement Factory at Wadi, Orient Cement Ltd.,Wadi
 - To construct Bridges for MMTS for South Central Railway, Secundrabad.
 - To construct Weir in Krishna River for APGENCO, Hyderabad
 - To Construct Bridges for M/s Prasad &Co.Ltd, Hyderabad.
 - To construct Buildings for Central Government Employee Welfare Housing Organization, Hyderabad.
 - To construct Building for Air force Station at Dindigal, Hyderabad
 - To construct Hockey Stadium at Gachibowli for IVRC Ltd., Hyderabad.
 - To construct International Cricket Stadium at Uppal, Hyderabad.
 - To construct Multistory Buildings at Gachibowli for IVRC Ltd, Hyderabad.
 - To construct buidings in Defence Research Labs at Hyderabad.
 - To construct Concrete Roads for Andhra Pradesh Public Health Department.
 - To construct Cement Concrete Pavements for Airport Authority of India.
 - To construct Bridges for South Central Railway at Tirupathi, Vijayawada.
 - To construct Quarters for Military Engineering Services Begumpet.
 - To construct PSC Box Girder Bridges at Cuddapah for South Central Railway,Secundrabad.
- (ii) “Non-Destructive Testing of concrete” to determine the strength of concrete by conducting NDT, Concrete core drilling etc.
- (iii) Third party quality control works for irrigation department, education department, marketing department Cantonment Board University of Hyd etc., to verifythe quality of buildings, roads, etc.

(iv) **PROOF CHECKING OF DESIGNS**

- Structural Designs for **CCABuilding Airport Authority of India** Hyderabad.
- Structural Designs for **BHELAMPI Air Theatre**, Hyderabad.
- Structural Designs for **156 flatsat Baghlingampally for APHB, Hyderabad**
- Proof Checking of **Buildings, Bridges** for Organizations like **CGHO, South Central Railway** etc.
- Proposed Road over Bridge No.715A at Ch.130475m as Clear Span 1X24.40m(Sk)1X17.250m(Sq.) PSC Girder between Metpalli and Mortad Stations
- ROB for Raichur by pass at Railway km 570/4 between Raichur Brdige No.743 at Ch.373943.078 M.Existing 8X9.30 M GB.Proposed construction as 4X20.12 M PSC girder on new alignment for second track between Kondapuram and Rayalacheruvu Stations.
- Proposed construction of Road over Bridge at k 160/5-6 in Lieve of existing level crossing No.25(T) as 1X16.00m RCC T-beam 1X28.00m Composite girder +1X16.00 m RCCT-Beam between Lingampalli and Nasgalapalli Station.
- Proposed Bridge No.13 at Chainage 8141.3 m as 3X12.2m (Sq. PSC girder in connection with Pro.permanent Diversion of Doubel Line Track Due to Submergence of excg. Double line tracks from kn.327 to km338 between Muddanur and Kolndapuram Stations for Construction of Gandikota reservoir with FRL (+)211.85m under GNSS Project.
- Proposed Road over Bridge at km.143/7-7 in Lieve of LC gat No.236 as 1X22.00 PSC Box Near Markapur Road Yard BetweenGajjalakonda and Markapur Road Station.
- Construction of To Lane Bridge across budamedru near Devinagar in Vijayawada City.
- Four Lane Bridge AcrossRyvers Canal Near Madhuranagar in Vijayawada City.
- Two Lanae Bridge AcrossBudameru in Devinagar.
- Across Ryves Canal near Madhura Nagar Railway Gate-BRTS Road-Vijayawada-Krishna District.
- Construction of Two Lane Bridge AcrossEluru Canal near Pipula Company in Vijayawada City.
- Proposed Construction of Eight Lane ROB at Railway km 597-133 in between Gowdavally and Gundlapochampally stations on Secunderabad - Nizamabad section of Hyderabad Division ROB on Outer Ring Road at Ch.49+858.
- Construction of Two lane bridge lane bridge across Eluru Canal near Pipula Company in Vijayawada City.

- Construction of Two lane bridge across Budameru near Devinagar, near Vijayawada City- Augmentation of Additional Two Lane.
- Yadgiri Section of NH-202 from km: 18.600 to 54.000 under NHDP Phase III on DBFOT Toll Basis-Contract Package NO.NHDP-III/BOT/AP04.
- Widening of Existing 2 lane ROB at km 233/28-31 to 4 lane ROB between Bibinagar-Ghatkesar Station on SecunderabadKazipet Section of Secunderabad Division. (For ROB at NH.Ch.41843)
- Proposed Bridge Proposed Bridge No.7 at Ch.2975.25 as 3 X12020m (Sq)13.437 (sk) PSC Girders in connection with proposed permanent Diversion of Doubling line track from km 327 to 338 between Muddanur and Kondapuram Stations for Construction of Gandikota Reservoir with FRL(+)211.85 under GNSS Project.
- Proposed construction of ROB at km 749/6-7 as 1X12.0 (Sq)/12.563 (Sk.) +1X23.8(Sq.)/24.917m(Sk.)+1X 13.04m (Sq.)/13.652(Sk.) PSC Girder between Akola &ShivaniShivapuri Stations on NH-6 of Nagpur-Khamgaon By Pass Road.
- Construction of Eight lane controlled Expressway as Outer Ring Road to Hyderabad, Phase-II B
- Construction of high level Bridge across River Musi at km.6/6 to 7/2 of Miryalguda-Kodad in Nalgonda Dist
- Proposed Road over Bridge at km 421/06-08 in Lieu of existing L.C.No.77&78 with Between Clear Span of 1X27.50 Composite Girder BetweenIntekanna-Kesamudram Stations.
- Construction of 4-Lane ROB at km.216/1-3 between Bibinagar-Ghatkesarstation on SecunderabadKazipet Section of Secunderabad Division.
- Proposed Road over Bridge at km 421/06-08 in Lieu of Existing L.C. Nos. 77/78 with Between Clear Span of 1X27.50 m composite Girder Between Intekanna-Kesamudram Stations.
- Construction of Eight lane controlled expressway as outer Ring Road to Hyderabad, Phase-II B
- Proposed Construction of Road over Bridge as 1X25.0m Clear Composite Girder in Lieu of L.C.No.55 at km.106/19-107/0 between Jadcherla and Mahabubnagar Stations.
- Construction of under pass at CABS, Bangalore.
- Construction of Bridge on Rivers Kanhan and Kolar Rivers for tee construction of Intake Tower of Nagpur Water Supply Scheme in Pench Reservoir 60 Kms from Nagpur City.

- Proposed Construction of ROB at km 749/67 as 1X12.0m(SQ.)/12.563(Sk.)+1X23.8m (Sq.)24.917m (Sk.)+ 1X13.0m(Sq.)/13.652(Sk.) PSC Girders between Akkola&ShivaniShivapuri Stations on NH-6 of Nagpur-Khamgaon By pass road.
- Proposed Road over bridge NO.537B at Ch.94250m as Clear Span 1X18.30m PSC Girder betweenMetpalli and KorutlaStaitons.
- Proposed Road over Bridge at km 202/24-26 in Lieu of existing level crossing No.77 at km.202/24-26 between Ralapeta and Sirpurakhazanagar Stations.
- Four laning of Hyderabad-Yadgiri Section of NH-202 from km 18.600 to km54.000 under NHDP Phase-III on DBFOT (Toll Basis)
- Structural Stability &Safety of coal Screwing plant Structure at Rama KrishnapurMandamam Area Adialabad District
- Structural Stability report on Building at Sadar Bazar Colony Karimnagar
- Proof Checking of Designs of Pulichinatal Project
- Proof Checking of Rapid Gravity water Treatment Plant at Bhupalpalli Warangal.
- Proof Checking of Spin Concrete Monopole of 40M height.