



PHANI KUMAR VADDI

CAREER OBJECTIVE

By applying creative skills, to enrich my knowledge and grow continuously along with the organization through consistence, dedication, hard work and I will cope up with exploring technology.

CONTACT

D.O.B : 09-07-1986

Address:

S/o (Late) V.Rama krishnayya,

D-No-1-213,

Near post office, Pedana

Krishna (dt),

Andhra Pradesh.

Pin-521366

E-mail: phani611@gmail.com

Mobile: 9885606107

ORCID - 0000-0002-7583-374X

Scopus Author ID: 57204933230

ACADEMIC QUALIFICATIONS

Doctor of Philosophy - Geotechnical Engineering

University : Sri Venkateswara University, Tirupati.

Institution : S. V. University College of Engineering

Year of Study : 2015 – pursuing (Pre Ph.D completed)

Master of Technology - Geotechnical Engineering

University : Sri Venkateswara University, Tirupati.

Institution : S. V. University College of Engineering

Year of Study : 2009 – 2011

% of Marks : 85.32 %

Bachelor of Technology - Civil Engineering

University : Acharya Nagarjuna University, Guntur.

Institution : D.M.S.S.V.H. College of Engineering

Year of Study : 2003 – 2007

% of Marks : 69.25 %

INTERMEDIATE - Mathematics, Physics, Chemistry

Board : Board of Intermediate

Institution : Sri Vijaya Junior college, Machilipatnam

Year of Study : 2001 – 2003

% of Marks : 67.10 %

SECONDARY SCHOOL CERTIFICATE

Board : Secondary School of Education

Institution : Little Flower E.M. Convent, Gudiwada

Year of Study : 2000 – 2001

% of Marks : 54.00 %

ACHIEVEMENTS



- Nominated as **member** on the **Internal Quality Assurance Cell (IQAC)** for the period of **two years** w.e.f **2nd July 2020**.



- Received **Gold medal** of **Dr.Arekpudi Ramanadam Chowdary & Smt. Ponnimal Endoment prize** for securing **First Rank** in **M.Tech** (2009-2011) in **Sri Venkateswara University, Tirupati** in the **54th annual convocation** held on **22nd June 2015**.



- Received **Best Paper** award in International Conference on EMERGING TRENDS IN ENGINEERING SCIENCE AND TECHNOLOGIES ICETEST-2017, “**STUDY ON STRENGTH AND DURABILITY PROPERTIES OF BACTERIA CONCRETE**”

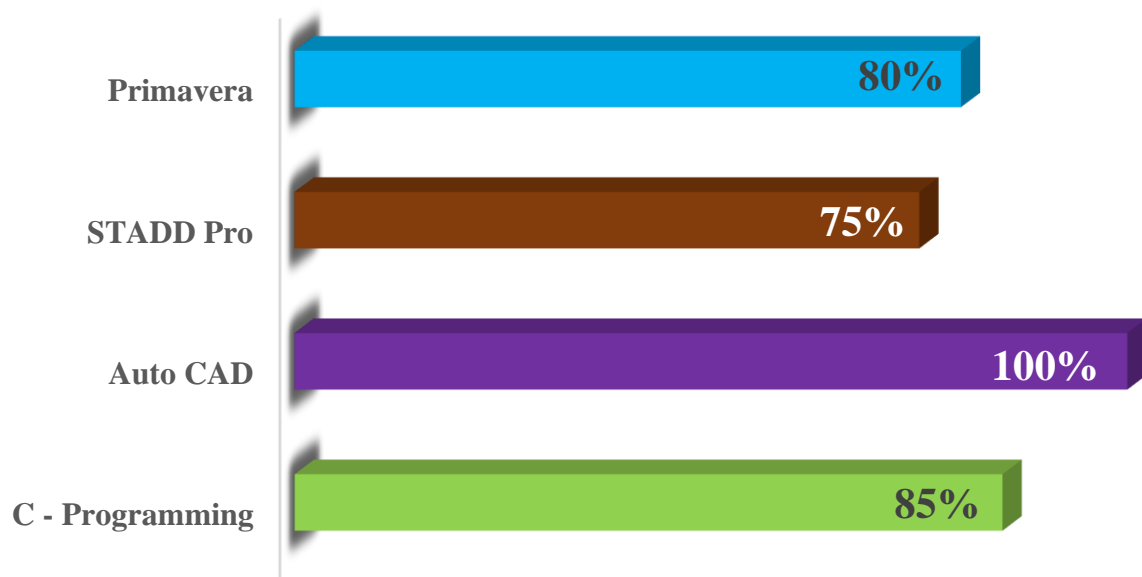


- In-house R&D entitled “**USE OF BIO-ENZYME FOR STABILIZATION OF SOIL AND CONCRETE STRUCTURES**” with an amount of **Rs. 94,725/-** is Ongoing.
- In-house R&D entitled “**DENSIFICATION OF SOIL BY STONE COLUMNS TECHNIQUE**” with an amount of **Rs. 50,000/-** has completed.



- Reviewed one chapter of “**ENGINEERING GEOLOGY**” **Text Book** by **S.K. Duggal, H. K. Pandey & N.Rawal** – Mc Graw Hill Education

TECHNICAL SKILLS



INTERNATIONAL JOURNALS PUBLISHED

1. PHANI KUMAR. V and CH. SUDHA RANI, “**PREDICTION OF PERMEABILITY OF SOILS USING ARTIFICIAL NEURAL NETWORKS (ANNs)**”, Global J. of Engg. & Appl. Sciences, 2011, 1 (4), PP.47-51
2. V. PHANI KUMAR and CH. SUDHA RANI, “**PREDICTION OF COMPRESSION INDEX OF SOILS USING ARTIFICIAL NEURAL NETWORKS (ANNs)**”, International Journal of Engineering Research and Applications (IJERA), 2011, Vol. 1, Issue 4, pp. 1554-1558.
3. N.V. VAMSI KRISHNA TOGATI, HARISH SAKARAY and V. PHANI KUMAR, “**INVESTIGATION OF BAMBOO FIBERS AS REINFORCEMENT IN CONCRETE STRUCTURE**”, Global Journal of Engineering and Applied Sciences, ISSN: 2249- 2631 (Online), 2249-2623 (Print), March, 2012. PP 45-48 Vol.2, Issue 1
4. V. PHANI KUMAR, N.V. VAMSI KRISHNA TOGATI and HARISH SAKARAY “**ARTIFICIAL NEURAL NETWORKS FOR PREDICTION OF STRENGTH PARAMETERS OF SOILS**”, Global Journal of Engineering and Applied Sciences, ISSN: 2249- 2631 (Online), 2249-2623 (Print), March, 2012. PP 62-67 Vol.2, Issue 1
5. CH. SUDHA RANI, PHANI KUMAR VADDI, N.V. VAMSI KRISHNA TOGATI “**ARTIFICIAL NEURAL NETWORKS (ANNS) FOR PREDICTION OF ENGINEERING PROPERTIES OF SOILS**”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-3, Issue-1, June 2013, pp-123-130.
6. PHANI KUMAR. V, G.SAI KRISHNA, A. H. L. SWAROOP “**SEALING OF SANDY SOIL PONDS WITH CLAY LAYER**”, International Journal of Engineering and Innovative Technology (IJEIT), ISSN: 2277-3754, Volume 3, Issue 1, July 2013, pp- 49-52.
7. PHANI KUMAR VADDI, CH. MANJULA, P. POORNIMA “**ARTIFICIAL NEURAL NETWORKS (ANNS) FOR PREDICTION OF CALIFORNIA BEARING RATIO OF SOILS**”, International Journal of Modern Engineering Research (IJMER), ISSN: 2249–6645, Vol. 5, Issue.1, Jan. 2015, pp- 15-21.
8. PHANI KUMAR. V, CH. NAGA BHARATH, D. GANGA, P. SWATHI PRIYADARSINI “**EXPERIMENTAL INVESTIGATION ON CALIFORNIA BEARING RATIO (CBR) FOR STABILIZING SILTY SAND WITH FLY ASH AND WASTE POLYPROPYLENE**” International Journal of Engineering and Innovative Technology (IJEIT), ISSN: 2277-3754, Volume 4, Issue 7, January 2015 pp-89-92.

9. PHANI KUMAR VADDI, T. BALAJI TILAK, N. ANANDVEERA KUMAR, K.SUMANTH KUMAR **“EFFECTS OF TEXTILE EFFLUENT ON THE DIFFERENTIAL FREE SWELL INDEX OF EXPANSIVE SOIL”**, International Journal of Modern Engineering Research (IJMER), ISSN: 2249–6645, Vol. 5, Issue.3, Mar. 2015, pp-1-6.
10. PHANI KUMAR VADDI, T. BALAJI TILAK, S.RAM PRASAD, P. VIJAYA PADMA **“EFFECTS OF TEXTILE EFFLUENT ON THE GEOTECHNICAL PROPERTIES OF EXPANSIVE SOIL”**, International Journal of Civil Engineering and Technology (IJCIET), ISSN 0976 – 6308 (Print), ISSN 0976 – 6316(Online), Volume 6, Issue 3, March (2015), pp. 31-41.
11. PHANI KUMAR. V, D. GANGA, P. SWATHI PRIYADARSINI, CH. NAGA BHARATH **“EXPERIMENTAL INVESTIGATION ON CALIFORNIA BEARING RATIO FOR MECHANICALLY STABILIZED EXPANSIVE SOIL USING WASTE RUBBER TYRE CHIPS”** International Journal of Civil Engineering and Technology (IJCIET), ISSN 0976 – 6308 (Print), ISSN 0976 – 6316(Online), Volume 6, Issue 11, November (2015), pp. 97-110.
12. PHANI KUMAR. V, V. SAINATH, B. ASHOK VARMA **“STUDY ON STRENGTH AND DURABILITY PROPERTIES OF BACTERIA CONCRETE”** International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE), ISSN (Online) 2456-1290, Vol 2, Issue 3, March 2017, pp. 45-50.
13. PHANI KUMAR V, SAIKIRAN K **“NON-LINEAR DYNAMIC ANALYSIS OF MULTISTORIED REINFORCED CONCRETE BUILDING BY CONSIDERING SOIL- STRUCTURE INTERACTION (SSI)”** International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-7, Issue-7, April 2018 pp. 5-9.
14. PHANIKUMAR.V, M. DEEPTHI, SAIKIRAN K, R.B.N. SANTHOSH **“BEHAVIOR OF P-DELTA EFFECT IN HIGH- RISE BUILDINGS WITH AND WITHOUT SHEAR WALL”** International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume – 8 Issue -2, July 2019.
15. PHANI KUMAR. V, S. KARTHIK RAM, S. VISHNU VARDHAN REDDY, P. MAHESH, Y. PRATYUSHA, P.RAM BABU **“STRENGTH CHARACTERISTICS OF EXPANSIVE SOILS USING E-WASTE”** International Journal for Research in

Engineering Application & Management (IJREAM), ISSN:2454 – 9150, Volume – 6 Issue – 5 Aug 2020, pp 207-210.

16. PHANIKUMAR.V, SAIKIRAN K “**PREDICTION OF SHEAR MODULUS FROM ADAPTIVE NEURO-FUZZY INFERENCE SYSTEM**” Geotechnical Characterization and Modelling, Springer Singapore, ISSN: 2366-2557, volume-85, September 2020, pp. 981-989.
17. PHANI KUMAR. V, E. JAYANTH, G. HARI CHANDANA, D. NAGA SURYA PRASANNA, A. SIVA KRISHNA, A. FAYAZ “**MODELLING AND NUMERICAL SIMULATION OF SLOPE**” International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume – 02 Issue – 09 September-2020, pp-553 – 557.
18. PHANI KUMAR. V, CH. VISWANADH, B.SAI KRISHNA, CH. HARADEEP, E. VIJAY KUMAR “**PERFORMANCE OF A FOAMED CONCRETE**” Journal of Interdisciplinary Cycle Research, ISSN NO: 0022-1945, Volume – XII, Issue – IX, September – 2020, pp – 1355 – 1360.
19. K. PRANAV PHANI SAI, PHANI KUMAR. V, A.V. PHANI MANOJ “**A STUDY ON STRENGTH AND DURABILITY CHARACTERISTICS OF CONCRETE WITH PARTIAL REPLACEMENT OF CEMENT WITH ALCCOFINE AND FINE AGGREGATE WITH MANUFACTURED SAND**” Journal of Interdisciplinary Cycle Research, ISSN NO: 0022-1945, Volume – XIII, Issue – VII, July – 2021, pp – 874 – 880.
20. PHANI KUMAR. V, K. DIVYA SRI, B. KIRANMAI, CH. VINAY KUMAR, K. VIDYA SREE “**INFLUENCE OF BIOENZYMEON STRENGTH CHARACTERISTICS OF SOIL**” Journal of Interdisciplinary Cycle Research, ISSN NO: 0022-1945, Volume – XIII, Issue – IX, September – 2021, pp – 29 - 34.

CONFERENCES

1. 2nd International Conference on ADVANCES IN MECHANICAL, MANUFACTURING AND BUILDING SCIENCES ICAMB 2012, “**PREDICTION OF STRENGTH PARAMETERS OF SOILS USING ARTIFICIAL NEURAL NETWORKS (ANNs)**”.
2. International Conference on EMERGING TRENDS IN ENGINEERING SCIENCE AND TECHNOLOGIES ICETEST-2017, “**STUDY ON STRENGTH AND DURABILITY PROPERTIES OF BACTERIA CONCRETE**”
3. Indian Geotechnical conference IGC-2018, “**PREDICTION OF SHEAR MODULUS FROM ADAPTIVE NEURO-FUZZY INFERENCE SYSTEM**”.

SEMINAR / WORKSHOP / FACULTY DEVELOPMENT PROGRAM / SHORT TERM COURSES – ATTENDED

1. Participated in a three-day internal faculty development programme on “Engineering Drawing’ organized by Department of Mechanical and Civil Engineering of Gudlavalleru Engineering College on 22nd to 24th November 2011.
2. Participated in one day workshop on “Recent Advances in Civil Engineering” organized by Department of Civil Engineering, D.M.S.S.V.H. College of Engineering on 16th September 2012.
3. Participated in a two-day ISTE workshop on “Aakash for Education” Conducted by Indian Institute of Technology Bombay on 10th and 11th November, 2012.
4. Participated a one-week workshop on “Training Teachers for Excellence’ organized by Gudlavalleru Engineering College on 29th April to 4th May 2013.
5. Participated in a two-week ISTE workshop on “Engineering Mechanics” Conducted by Indian Institute of Technology Bombay on 26th Nov to 6th Dec, 2013.
6. Participated in one day workshop on “Probleme Associated with Geotechnics of Expansive Soils” in R. V. R. & J. C. College of Engineering on 25th January 2014.
7. Participated in a two-week ISTE workshop on “Fluid Mechanics” Conducted by Indian Institute of Technology Kharagpur on 20th to 30th May, 2014.
8. Participated in one day workshop on “Structural Engineering Solution using STAAD.Pro” organized by Department of Civil Engineering, Velagapudi Ramakrishna Siddhartha Engineering College on 5th May 2015.
9. Participated in one week workshop on “Training program on ANSYS” Conducted by departments of Mechanical and Civil Engineering, on 22nd to 27th June, 2015.
10. Participated in All India Seminar on “Recent Developments in Retrofitting, Repairs and Rehabilitation of Structures” organized by The Institution of Engineers (India) Vijawada Local Center in association with Department of Civil Engineering, Gudlavalleru Engineering College from 11th to 12th July 2015.
11. Participated in a two week ISTE workshop on “Introduction to Structural Engineering” Conducted by Indian Institute of Technology Kharagpur on 30th November, 2015 to 09th January, 2016.
12. Participated in one week Faculty Development Programme on “ Advanced Software training in Civil Engineering” organized by Department of Civil Engineering, Velagapudi Ramakrishna Siddhartha Engineering College from 3rd to 8th October 2016.

13. Participated in one week refresher course on “Finite Element Analysis” organized by Department of Civil Engineering & Department of Mechanical Engineering, Gudlavalluru Engineering College from 19th to 24th June 2017.
14. Participated in EtE Program organized by Indian Chapter of IGS and Asian Activity Committee of IGS during February 5-6, 2018 at Indian Institute of Technology Madras, Chennai.
15. Participated in AICTE sponsored short term course on “Geosynthetics as Modern Civil Engineering Construction Materials” organized by Department of Civil Engineering, Indian Institute of Technology Madras, Chennai from 5th to 10th February 2018.
16. Participated in seminar on “Latest Trends in Civil Engineering – LatTice’18” organized by Department of Civil Engineering College, S R K R Engineering College, Bhimavaram on 3rd March 2018.
17. Participated in a one-week faculty development programme on “Advancements in Construction Materials” organized by Department of Civil Engineering, Gudlavalluru Engineering College in association with VS Eco Blocks Pvt. Ltd. from 25th to 29th June 2018.
18. Participated in a one-week faculty development programme on “Design of Structures-A Practical Approach” organized by Department of Civil Engineering, Gudlavalluru Engineering College from 26th to 30th November 2018.
19. Participated in a NPTEL workshop conducted on 6th December 2018, by IIT Madras at Gudlavalluru Engineering College.
20. Participated in short term training Programme through ICT mode on “Evaluating Students’ Performance and Designing Question Papers” organized by National Institute of Technical Teachers’ Training and Research, Kolkata from 25th February 2019 to 1st March 2019.
21. Participated in one day National workshop on “Geotechnics of Expansive Soils” Organized by department of Civil Engineering and Indian Geotechnical Society, Tirupati chapter under TEQIP-III at S.V.University College of Engineering, Tirupati on 21st December 2019.
22. Participated in a one-week faculty development programme on “Effects of Soil Structure Interaction on Structures against Static and Dynamic Loads” organized by Department of Civil Engineering, Gudlavalluru Engineering College from 3rd to 8th February 2020.
23. Participated in a week webinar on “Forensic Structural Engineering” organized by Department of Civil Engineering, K.D.K. College of Engineering on 3rd May 2020.

24. Participated in a webinar on “Ground Improvement for Solutions for Liquefaction Mitigation Webinar” organized by GEOPIER on 7th May 2020.
25. Participated in a webinar on “Ground Improvement for Transportation Sector Webinar” organized by GEOPIER on 12th May 2020.
26. Participated in a webinar on “Effective Research Work using Online Platform During Pandemic like COVID19” organized by Research cell, Dayananda Sagar College of Arts, Science and Commerce on 18th May 2020.
27. Participated in a webinar on “Concrete Mix Proportioning using Guidelines of IS 10262:2019” organized by Department of Civil Engineering, Shri Vishnu Engineering College for Women on 19th May 2020.
28. Participated in a webinar on “Foundation Design (SAFE software)” organized by Department of Civil Engineering, K L E F on 19th May 2020.
29. Participated in Indo-China webinar on “Indo-China Research Webinar Series in Civil and Environmental Engineering” organized by Vardhaman College of Engineering in association with Shantou University, China, Indian Geotechnical Society Surat Chapter from 8th to 19th May 2020.
30. Participated in a webinar on “Challenges in Design and Construction of Tall Structures” organized by Department of Civil Engineering, K L E F on 20th May 2020.
31. Participated in a three-day online FDP on “Art of Writing Research Articles and Funding Proposals” organized by Manakula Vinayagar Institute of Technology from 21st to 23rd May 2020.
32. Participated in a one-week online FDP on “Civil Engineering Research – A Step Forward” organized by Department of Civil Engineering, Gudlavalleru Engineering College from 25th to 30th May 2020.
33. Participated in a three-day online FDP on “Recent & Emerging Trends in Civil Engineering” organized by Department of Civil Engineering, Andhra Loyola Institute of Engineering and Technology from 28th to 30th May 2020.
34. Participated in a webinar on “Outcome Based Education Software” organized by Vmedulife software services on 28th May 2020.
35. Participated in a webinar on “Awareness on Sustainable Development Goals” organized by Department of Civil Engineering, Usha Rama College of Engineering and Technology on 5th June 2020.

36. Participated in Indo-Japan webinar on “1st Indo-Japan Webinar series on “Geotechnics for Disaster Mitigation” Indo-Japan Webinar Series organized by Indian Geotechnical Society Surathkal chapter, India in association with NITK, Surathkal, India, IIT Tirupati, India and Kyushu University Japan from 8th to 13th June 2020.
37. Participated in a webinar on “Impact of COVID in Engineering Education & Way forward” organized by Indian Society for Technical Education (ISTE) chapter, Gudlavalleru Engineering College on 9th June 2020.
38. Participated in a webinar on “w Carbon Cements – Sustainable Construction Materials” organized by Department of Civil Engineering, Bapatla Engineering College on 8th June 2020.
39. Participated in a webinar on “Career Guidance” organized by Department of Computer Science and Engineering, Chalapathi Institute of Engineering and Technology in association with CSI, Indian Servers & Freshers plane on 15th June 2020.
40. Participated in a online Faculty Development program on “Building Information Modeling” organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in association with Dassault systems from 29th June 2020 to 03th July 2020.
41. Participated in a one-week short term training programme (STTP) on “Emerging Trends in Transportation Engineering” organized by Department of Civil Engineering, Kumaraguru College of Technology from 21st to 26th July 2020.
42. Participated in a National Level online faculty development programme on “Cyber Security” organized by Department of Computer Science and Engineering & Information Technology in association with Cyberpsy, Gudlavalleru Engineering College from 22nd to 26th July 2020.
43. Participated in a one-week webinar on “Geotechnical Engineering – Theory and Practice” organized by Department of Civil Engineering, Kumaraguru College of Technology from 13th to 20th July 2020.
44. Participated in a one-week online faculty development programme on “Innovations in Civil Engineering” organized by Department of Civil Engineering, Gudlavalleru Engineering College from 22nd to 27th March 2021.
45. Participated in a one-week online faculty development programme on “Recent Advancements in Geotechnical and Transportation Engineering” organized by Department of Civil Engineering, Gudlavalleru Engineering College from 21st to 25th June 2021.

WORKSHOP / FACULTY DEVELOPMENT PROGRAM / SHORT TERM COURSES - CONDUCTED

1. Conducted an online FDP on “Recent Advancements in Geotechnical and Transportation Engineering” as coordinator organized by Department of Civil Engineering, Gudlavalleru Engineering College from 21st to 25th June 2021.
2. Conducted an online FDP on “Civil Engineering Research – A Step Forward” as coordinator organized by Department of Civil Engineering, Gudlavalleru Engineering College from 25th to 30th May 2020.
3. Conducted a workshop on “Tall Building Design using E-TABS” as a Chief faculty coordinator at Gudlavalleru Engineering College on Oct 12th & 13th 2018.
4. Conducted a workshop on “Soil Foundation Analysis” as a Chief faculty coordinator at Gudlavalleru Engineering College on Aug 21st & 22nd 2015.
5. Conducted a workshop on “India’s Biggest Civil Championship” as a Chief faculty coordinator at Gudlavalleru Engineering College on Dec 5th & 6th 2012.

PROFESSIONAL EXPERIENCE

Working in Gudlavalleru Engineering College, Department of Civil Engineering.

- ✓ Working as College overall Timetable coordinator and department Timetable coordinator for A.Y. 2021-22.
- ✓ Working as College overall consultancy coordinator Three A.Y.’s 2019-20 to 2021-22.
- ✓ Department Library Coordinator for A.Y. 2019-20.
- ✓ Internal Examination Coordinator of the department for Seven A.Y.’s 2012-2013 to 2018-19.
- ✓ Member of Department Development Committee
- ✓ Member of Board of studies for both UG and PG for the Autonomous.

Worked in projects like Tadipudi Lift Irrigation Scheme and ISLMC – PACKAGE – 3 with M/s. MAYTAS INFRA LTD and client is CAD & Irrigation Department, Govt. of A.P.

- ✓ Two-year six-month experience as Civil Engineer in construction of Irrigation Works.
- ✓ Preparation of quantities and execution of Irrigational (RCC) structures like B.T.U.T., Regulators, UTs, SPs, SLBs, DLBs, Pipe Culverts and OT Sluices, etc.
- ✓ Preparation of Bar Bending Schedule for all structures as per drawing.
- ✓ Conducting the material tests of Cement and Aggregate for Concrete, Soil for embankment in field.

JOB PROFILE

From Nov 2011 to till today:

- Employer: SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE
- Experience in Years – Months: 10 – 0



From May 2007 to Nov 2009:

- Employer : M/s. MAYTAS INFRA LTD.,
- Experience in Years – Months: 2 – 6

PROFESSIONAL BODIES

1. Member of The Institution of Engineers (India), Kolkata. M-160677.
2. Life Member of Indian Geotechnical Society, New Delhi. LM-4300.

DECLARATION

I hereby declare that the details stated above are true and correct to the best of my knowledge and belief.

Place :

SIGNATURE

Date :

(PHANI KUMAR.VADDI)