

## Bio-Data



**Prof E.Arunakanthi**

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[earunakanthi@gmail.com](mailto:earunakanthi@gmail.com)

### Positions Held:

1. Director, Industrial Consultancy Services.
2. Head of the Department of Civil Engineering JNTUACEA
3. BOS Chairperson for Civil-PG,JNTUA
4. BOS Chairperson for Civil-UG,RUCE,Kurnool
5. Officer in-charge of Academic Section, JNTUACEA
6. NSS Programme officer,JNTUACEA
7. BOS Chairperson for Civil-UG,JNTUACEA

|                                       |   |   |
|---------------------------------------|---|---|
| <b>Date of Birth</b>                  | : | 24-07-1975  |
| <b>Academic Qualifications</b>        | : | M. Tech., Ph.D.   |
| <b>Professional Position</b>          | : | Professor in Civil Engineering (since 2017)   |
| <b>Administrative Position</b>        | : | Director of Industrial Consultancy Services,<br>JNT University Anantapur (May 2021 to Jan 2023)   |
| <b>Teaching experience</b>            | : | 22 + years teaching UG & PG students  |
| <b>Number of subjects taught:</b>     | : | 12 Theory subjects  |
| <b>Research experience</b>            | : | 19 + years  |
| <b>No. of M.Tech. Projects</b>        | : | 62  |
| <b>No. of Ph. D's in supervision:</b> | : | 08  |
| <b>Research Publications</b>          | : | International Journals 76<br>International Conferences 13<br>National Conferences 03  |
| <b>Research Areas</b>                 | : | Structural Engineering,<br>Geo-polymer concrete<br>Self compacting concrete<br>Concrete Technology<br>High-Performance Concrete<br>Finite Element methods |
| <b>Consultancy Services</b>           | : | Testing of Construction Materials   |

### Journal Publications:

1. Shaik B Aadil Shah Ali, E. Arunakanthi, "Properties of high strength concrete with replacement of waste ceramic as fine aggregate", *Journal of Northeastern University*, Vol.26, 2023
2. B Venkata Sai Tharun Teja, E. Arunakanthi, "Seismic analysis of bridge structure using CSI bridge software", *Journal of Northeastern University*, Vol.25, 2022
3. Ch. Sri Charan Kumar, E. Arunakanthi, "Design of optimization of steel in fully stressed fink truss using STAAD PRO software" *The Inter Jour of analytical and experimental model analysis*, Vol.14, 2022
4. V Lavanya, E. Arunakanthi, "Dynamic analysis of sloped building using STAAD PRO". *The Inter Jour of analytical and experimental model analysis*, Vol.14, 2022.
5. Sambangi Arunchaitanya, Eluru Arunakanthi, "Role of copper slag on improvement of strength, quality and durability of high-strength self-compacting concrete: an industrial waste", *Asian Journal of Civil Engineering*, 2022
6. Sambangi Arunchaitanya, Eluru Arunakanthi, "Industrial copper waste as a sustainable material in high strength SCC", *Cleaner Engineering and Technology*, Vol.6, 2022.
7. K. Sundeep Kumar, PV Subba Reddy, E Arunakanthi, "Engineering Properties of Conventional concrete Containing Ferro Silica Slag as Course Aggregate", *Design Engineering*, 2021
8. K. Sundeep Kumar, PV Subba Reddy, E Arunakanthi, "Liquid Paraffin wax as a curing agent in SCC by using slag as aggregate". *Design Engineering*, 2021
9. K. Sundeep Kumar, PV Subba Reddy, E Arunakanthi, "Influence of ferro silica slag on the durability properties of conventional concrete", *Design Engineering*, 2021
10. Durga Chaitanya Kumar Jagarapu and Arunakanthi Eluru, "Durability Studies on Lightweight Fiber Reinforced Concrete by Incorporating Palm Oil Shells", *Journal of Mechanics of Continua and Mathematical Sciences* Vol.-15, No.-1, 2020, ISSN 2454-7190, PP:19-30.
11. Kanamarlapudi L, Kumar J D C, Eluru A, "Punching shear resistance of supplementary cementitious concrete slab", *Materials Today Proceedings*, Vol.27, 2020
12. Krishna Bhanu J, Durga Chaitanya Kumar J, Arunakanthi E, "Experimental Analysis on supplementary cementitious materials with Alkali Resistant glass fibers", *Materials Today: Proceedings*, 2020

13. J. VARA PRASAD, E. ARUNA KANTHI, “effect of sulphuric acid on geopolymer concrete made with bethamcherla stone powder waste”, *Journal of Xidian University* VOLUME 14, ISSUE 4, 2020, ISSN No: 1001-2400, PP: 1225-1229.
14. J. VARA PRASAD, E. ARUNA KANTHI, “A brief overview of strength and durability studies of Geopolymer concrete”, *International Journal of advance research in science and engineering* Volume 9, Issue 4, 4/1/2020, ISSN No: 2319-8354, PP: 1-9.
15. Durga Chaitanya Kumar Jagarapu and Arunakanthi Eluru, “Structural Behaviour of Palm Oil Shell Reinforced Concrete Beams”, *Solid State Technology* Volume: 63 Issue: 5, 11/1/2020, ISSN: 0038-111X, PP: 3973 – 3982.
16. Durga Chaitanya Kumar Jagarapu and Arunakanthi Eluru, “Lightweight Fiber Reinforced Concrete by Agricultural Waste”, *The American Business School of Paris, France, 2020*
17. J. Vara Prasad, E. Aruna Kanthi, “Temperature Resistance of Bethamcherla Stone Powder Waste Geopolymer Concrete”, *International Journal of advanced science and technology* Volume 29, Issue 3, 7/1/2020, ISSN: 2005-4238 (Print) ISSN: 2207-6360 (Online), PP: 8815-8819
18. S. Yachandra1 and Prof. E. Arunakanthi, “Evaluating the Effect of Elevated Temperature on Ternary Blended Self Compacting Concrete using Response Surface Methodology”, *International Research Journal of Engineering and Technology (IRJET)* Volume: 07 Issue: 10, 10/1/2020, e-ISSN: 2395-0056, p-ISSN: 2395-0072, PP: 1004-1009.
19. K. Sundeep kumar, P. V. Subba Reddy, E. Arunakanthi, M. Venkateswarlu, “Sustainable use of Industrial Wastes as Replacement for Fine and Coarse Aggregate in Production of Self Compacting Concrete – A State of the Art”, *International Journal of Innovative Technology and Exploring Engineering (IJITEE)* Volume-9 Issue-4, 2/1/2020, ISSN: 2278-3075.
20. Lakshmisupriya Kanamarlapudi, Krishna Bhanu Jonalagadda, Durga Chaitanya Kumar Jagarapu & Arunakanthi Eluru, “Different mineral admixtures in concrete: a review”, *S N Applied Science* Vol: 2 NO: 4, 3/1/2020, ISSN 2523-3963.
21. Pakam Manoj Kumar1 and Prof E. Arunakanthi2, “Comparative Analysis of Irregular G+11 Storied RC Building With & Without Shear Walls at Different Locations using STAAD.Pro & SAP-2000”, *International Research Journal of Engineering and Technology (IRJET)* Volume: 07 Issue: 11, 11/1/2020, e-ISSN: 2395-0056, p-ISSN: 2395-0072, PP: 1692-1701.

22. P Veera Praveen Reddy, E Arunakanthi, "Analysis of Trapezoidal Corrugated Steel Web Beams with Different Angle of Inclination By ANSYS", *International Journal of advanced science and technology* Volume 29, Issue 3,7/1/2020, ISSN: 2005-4238 (Print)ISSN: 2207-6360 (Online), PP:3413-3426.
23. S. Arun Chaitanya, E. Arunakanthi, "Usage of Mineral Admixtures in Self Compacting Concrete- A Review", *International Journal of Innovative Technology and Exploring Engineering*, Volume-8 Issue-3. Volume-8 Issue-3, January 2019.
24. C. Rajamallu, T. Chandrasekhar Reddy, E. Arunakanthi, "Service Life Prediction of Self Compacted Concretes with Respect to Chloride Ion Penetration: State of the Art Report", *International Journal of Management, Technology and Engineering*, 2249-7455, PP:2737 – 2759. Volume IX, Issue VI, JUNE/2019.
25. J. VARA PRASAD, E. ARUNA KANTHI, "Effect of Sea Water on Bethamcherla Stone Powder Waste Geopolymer Concrete", *Journal of Gujarat Research Society* Volume 21, Issue 11, 11/1/2019, ISSN:0374-8588.
26. Dr.E.Aruna Kanthi, Y.Sarala, "An experimental study on Strength and durability characteristics of high strength concrete made with partial replacement of cast-off aggregate", *International Journal of Technical Innovation In Modern Engineering & Science* Volume 5 & Issue 06, 6/1/2019, e-ISSN:2455-2585, PP:262-276.
27. Dr.E.Aruna Kanthi, K.Sai Prasad, "Micro Structure Analysis Of Geopolymer Concrete Cured Under Ambient Conditions", *International Journal of Technical Innovation In Modern Engineering & Science*, Volume 4 & Issue 10, 10/1/2018, e-ISSN:2455-2585, PP:223-232.
28. Durga Chaitanya Kumar Jagarapu and Arunakanthi Eluru, "Experimental Analysis of Light Weight Concrete and Fiber Reinforced Concrete", *International Journal of Civil Engineering and Technology (IJCIET)* Volume 9, Issue 4, 4/1/2018, ISSN : 0976 - 6316, PP:59–69.
29. Dr.E.Aruna Kanthi, Mudavath Lokeswari, "Experimental Study on fly ash and GGBS based Geopolymer concrete using M-SAND", *International Journal of Technical Innovation In Modern Engineering & Science* Volume 4 & Issue 9, 9/1/2018, ISSN-2455-2585, PP:543-549.
30. Dr.E.Aruna Kanthi, V.Guru Prathap Reddy, "A Review on strengthening of steel built-up beam with CFRP wrapping", *International Journal of Technical Innovation In Modern Engineering & Science* Volume 4 & Issue 10, 10/1/2018, ISSN:2455-2585, PP:43-49.

31. Dr.E.Aruna Kanthi,Kancherla Shobha Rani, “Structural Analysis of Ribs In Aircraft wing Subjected to pay loads using ANSYS”, *International Journal of Research*Volume7 & Issue10,10/1/2018, ISSN:2236-6124, PP:316-325.
32. Dr.E Arunakanthi,K.Upendra Reddy, “dynamic analysis of multi storey structure for different shapes”, *International Journal of Technical Innovation in Modern Engineering & Science*Volume 3, Issue 12,8/1/2017, e-ISSN: 2455-2585, PP:8 to 17.
33. E. Arunakanthi and J.D. Chaitanya Kumar, “Experimental Studies on Fiber Reinforced Concrete (FRC)”, *International Journal of Civil Engineering & Technology*Volume 07, Issue 5, 2017.
34. Durga Chaitanya KumarJagarapu and ArunakanthiEluru, “The Use of Light weight Aggregates for precast Concrete Structural Members”, *International Journal of Applied Engineering Research*Volume13 & Issue 10,7/10/2017, ISSN:0973-4562, PP:7779-7789.
35. E. Arunakanthi,Giddaluri Sumathi, “a design of structure to resist a blast from conventional weapon”, *Indian Journal of Applied Research*Volume7 & Issue3,3/1/2017, ISSN - 2249-555X, PP:312-315.
36. J.D. Chaitanya Kumar and E. Arunakanthi, “Review on the Use of Light Weight Aggregates for Precast Concrete Structural Members”, *International Journal of Applied Engineering Research*Volume 13, Number 10, 2017, PP:7779-7787.
37. Dr. E. Arunakanthi,P. Manzoor, “Experimental Study on Strength Characteristics of Self Curing Concrete with Cement Replacement by Fly Ash”, *International Journal of Advanced Engineering Research and Science*Volume4 & Issue2,2/1/2017, ISSN: 2349-6495(P), PP:62-65.
38. Durga Chaitanya KumarJagarapu and ArunakanthiEluru, “optimum mix design for light weight fiber reinforced concrete – by incorporating agriculture solid waste.”, *International Journal of Management, Technology and Engineering (IJMTE)*Volume-9, Issue-V, ISSN 2249-7455, PP:2721 -2731,2017.
39. Dr.E.Arunakanthi, D.Nagendra babu naik, “experimental study on strength characteristics of concrete with partial replacement of cement with granite slurry and partial replacement of aggregate with quartz stone”, *International Journal of Technical Innovation in Morden Engineering & Science*Volume 3, Issue 12,12/1/2017, e-ISSN: 2455-2585, PP:100-104.

40. Dr.E. Arunakanthi ,Ch. Mounika, “design and analysis of rcc underpass bridge by staad pro”, *International Journal of Technical Innovation in Modern Engineering & Science* Volume 3, Issue 12,12/1/2017, e-ISSN: 2455-2585, PP:220-231.
41. Dr.E Arunakanthi,D. V. Nirmala, “Experimental Study on Workability and Strength Characteristics of Concrete Containing Waste Marble Aggregate Along with Marble Slurry Powder”, *International Journal of Science Technology & Engineering* Volume 3, Issue 9,3/1/2017, ISSN (online): 2349-784X, PP:31-34.
42. E.Aruna Kanthi, H. Sudarsana Rao,I. V. Ramanareddy, “Effects of Magnesium Sulphate in Mixing and Curing Water on Strength of High-Performance Metakaolin Concrete”, *Global Research Analysis* Volume 2, Issue 12,12/1/2017, ISSN No 2277 - 8160, PP:64-67.
43. Dr.E Arunakanthi,Kona Narayana Reddy, “A Study on Multi-Storeyed Building with Oblique Columns by using ETABS”, *International Journal of Innovative Research in Science,Engineering and Technology* Volume 6, Issue 2,2/1/2017, ISSN(Online) : 2319-8753, PP:1968-1974.
44. Dr.E.Arunakanthi, T.Yeswanth kumar1, “strength properties of concrete with partial replacement of cement with metakaolin,silica fume and also partial replacement of fine aggregate with steelslag”, *International Journal of Technical Innovation in Morden Engineering & Science* Volume 3, Issue 12,12/1/2017, e-ISSN: 2455-2585, PP:48-54.
45. E.Arunakanthi , H. Sudarsana Rao, “Effects of Sulphuric Acid in Mixing and Curing Water on Strength of High-Performance Phosphogypsum Concrete”, *International Journal of science technology &Engineering* Volume2 & Issue8,2/1/2016, ISSN (online): 2349-784X, PP:188-193.
46. Dr.E.Arunakanthi , S.Mohammed Rafi, “Experimental Study on Strength Characteristics of concrete containing waste marble and ceramic aggregate along with Granite Slurry Powder”, *International Journal of Innovative Research in Science,Engineering and Technology* Volume5 & Issue12,12/1/2016, ISO 3297: 2007, PP:21358-21362.
47. E.Arunakanthi,Vijaya Thirumala Raju Varakavi1, “Dynamic Analysis of Electrical Transmission Line Towers”, *International Journal of Engineering science & computing* Volume 6, Issue 7,7/1/2016, ISSN 2321 3361, PP:1739-1744.
48. E. Arunakanthi,V. Harshitha, “seismic control of symmetric and asymmetric framed structures by base isolation method”, *International Research Journal of Engineering and Technology* Volume2 & Issue5,8/1/2015, e-ISSN: 2395 -0056, PP:887-890.

49. Dr. E. Arunakanthi, K.V. Sudheer, "Design and analysis of a high rise building with and without floating columns", *International Journal for Scientific Research & Development* Volume 3, Issue 10, 12/1/2015, ISSN: 2321-0613, PP: 760-765.
50. Dr. E. Arunakanthi, R. Naga Swathi, "Effect of Hook Ended Steel Fibre on Workability and Strength of High Strength Concrete with Marble Powder Admixture", *International Journal of Research* Volume 4, Issue 8, 8/1/2015, ISSN - 2250-1991, PP: 229-231.
51. Dr. E. Arunakanthi, N. Mohan Reddy, "Seismic 2015, ISSN (online): 2321-0613, PP: 287-294.
52. E. Aruna Kanthi, N. Venkata Ramana, C. Sashidhar, "bearing strength of polyethylene terephthalate (pet) fibre reinforced recycle aggregate concrete", *International Journal of Advanced Technology in Engineering and Science* Volume 2 & Issue 1, 9/1/2014, ISSN (online): 2348 – 7550, PP: 663-672.
53. E. Arunakanthi, A. Surekha, J.D. Chaitanya Kumar, "analysis and connection designs of precast load bearing wall", *International Journal of Research in Engineering and Technology* Volume 3, Issue 9, 9/1/2014, pISSN: 2321-7308, PP: 449-457.
54. Dr. E. Arunakanthi, Pradeep Kumar Ramancharla, Sreekanth Gandla Nanabala, "Seismic Analysis of A Normal Building and Floating Column Building", *International Journal of Engineering Research & Technology* Volume 3, Issue 9, 9/1/2014, ISSN: 2278-0181, PP: 981-987.
55. Dr. E. Arunakanthi, A. Murali Krishna, "Optimum Location of Different Shapes of Shear Walls in Unsymmetrical High Rise Buildings", *International Journal of Engineering Research & Technology* Volume 3, Issue 9, 9/1/2014, ISSN: 2278-0181, PP: 1099-1106.
56. Dr. E. Arunakanthi, G. Suresh, "Seismic Analysis of Buildings Resting on Sloping Ground and Considering Bracing System", *International Journal of Engineering Research & Technology* Volume 3, Issue 9, 9/1/2014, ISSN: 2278-0181, PP: 1107-1113.
57. T. Naresh Kumar, N. Venkata Ramana, E. Arunakanthi, C. Sashidhar, "Performance of Stone Waste Aggregate Concrete Slabs under Impact Loading", *International Journal of Engineering Research and Development* Volume 8, Issue 7, 9/1/2013, e-ISSN: 2278-067X, PP: 75-80.
58. E. Arunakanthi, H. Sudarsana Rao, "Effects of Calcium Chloride In Mixing and Curing Water on Strength of High-Performance Metakaolin Concrete", *International Journal of Research* Volume 2 & Issue 9, 9/1/2013, ISSN - 2250-1991, PP: 91-94.

59. E.Arunakanthi , H. Sudarsana Rao, “Effects of Sulphuric Acid in Mixing And Curing Water on Strength of High-Performance Metakaolin Concrete”, *International journal of scientific research* Volume2 & Issue12,12/1/2013, ISSN No.2277-8179, PP:147-150
60. Dr. E. Arunakanthi, “Effects of Hydrochloric Acid in Mixing and Curing Water on Strength of High-Performance Phosphogypsum Concrete”, *International Journal of Innovative Research in Science,Engineering and Technology* Volume - 5 & Issue8,8/1/2016, ISO 3297: 2007, PP:15094-15103.
61. E. Arunakanthi, H. Sudarsana Rao,V. Ramana Reddy, “effects of hydrochloric acid in mixing and curing water on strength of high-performance metakaolin concrete”, *International Journal of Applied Engineering and Technology* Volume2 & issue2,4/1/2002, ISSN: 2277-212X, PP:68-76.
62. E Arunakanthi,Chidige Anil Kumar, “A Seismic Study on Effect of Water Tank Modelled as TMD”, *International Journal of Innovative Research in Science,Engineering and Technology* Volume 6, Issue 2,2/1/2001, ISSN(Online) : 2319-8753, PP:1903-1910.
63. E.Aruna Kanthi and Kavitha M, “Studies on Partial Replacement of Sand with Flyash in Concrete”, *European Journal of Advances in Engineering and Technology*, ,1(2): 89-92, PP:89-92.

#### **Conference Publications:**

1. Sambangi Arunchaitanya, Eluru Arunakanthi, “Behaviour of sustainable high strength self compacting concrete with electrically precipitated fly ash (EPFA) – A thermal waste”, *Materials Today: Proceedings*, Vol.65, 2022
2. K. Sundeep Kumar, PV Subba Reddy, E. Arunakanthi, “An experimental study on mechanical and durable properties of self -curing concrete by using ferro silica slag aggregate. *IOP Conf: Earth and Env Science*, 2022
3. C. Rajamallu, T.Chandrasekhar Reddy, E. Arunakanthi, “Effect of chloride ion penetration and corrosion resistance in predicting service life of high volume GGBS self compacted concretes. *AIP Conference Proceedings*, 2021
4. Kumar J D C, Eluru A, “Experimental studies on portal frames made with palm oil shell light weight fiber reinforced concrete” *Journal of physics: Conference series*, Vol. 1979, 2021.



5. Durga Chaitanya KumarJagarapu and ArunakanthiEluru, “Strength and durability studies of lightweight fiber reinforced concrete with agriculture waste”, *Materials Today: Proceedings*, Scopus, 914-919, volume 27, part-2, 43862.
6. Durga Chaitanya KumarJagarapu and ArunakanthiEluru, “Experimental Analysis of Light Weight Fiber Reinforced Concrete by incorporating palm oil sheels”, *Materials Today: Proceedings*, Scopus, 850-858, volume 19, part-2, 43709
7. HemanthBalineni, Durga Chaitanya KumarJagarapu, ArunakanthiEluru, “Analysis of dry and wet connections in precast beam-column joint using ABAQUS Software”, *Materials Today: Proceedings*, Scopus, 287-295, Vol 33, Part-1, 43922
8. B.Pavan , Durga Chaitanya KumarJagarapu, ArunakanthiEluru, “Assay of moment resisting precast and monolithic frames using ABAQUS software”, *Materials Today: Proceedings*, Scopus, 162-169, Vol 33, Part-2, 43922
9. Pavan Prasad B. a, Sai Maanvit P. a, Durga Chaitanya Kumar Jagarapu a, Arunakanthi Eluru b, “Flexural behavior of fiber reinforced concrete incorporation with lathe steel scrap”, *Materials Today: Proceedings*, Scopus, 196-200, Vol 33, Part-2, 43922
10. Bala Gopal Adapala, Durga Chaitanya Kumar Jagarapu, Syed Hamim Jeelani, B. Sarath Chandra Kumar and Arunakanthi Eluru, “Sustainable use of polypropylene fibers and palm oil fuel ash in the production of geopolymer concrete”, *IOP Conf. Series: Materials Science and Engineering*, Scopus and WOS, 1 14, Volume 1136, 44368
11. Kristam Srikanth, Durga Chaitanya Kumar Jagarapu,T Venkat Das, Syed Hamim Jeelani and Arunakanthi Eluru, “Evaluation of the effective mechanical properties of palm oil fuel ash based fiber reinforced concrete”, *IOP Conf. Series: Materials Science and Engineering*, , 1 10, Volume 1137, 44368
12. Durga Chaitanya Kumar Jagarapu and Arunakanthi Eluru, “Flexural Behaviour of Light Weight Reinforced Concrete made with Agro Industrial Waste”, *IOP Conf. Series: Materials Science and Engineering*, Scopus and WOS, , 1130, April – 20021.
13. S. Arun Chaitanya, E. Arunakanthi, “Fresh and mechanical properties of SCC with fly ash and copper slag as mineral admixtures”, *Materials Today: Proceedings*, Scopus and WOS, 677–681, 45

#### **Workshop Attended**

1. Participated in a Two-Day Workshop on “Development of MOOCs and Production Techniques” organized under TEQIP –III, during 17<sup>th</sup> and 18<sup>th</sup> January 2020, at Prof. S. Tiruvengalam memorial seminar hall, Department of EEE, JNTUACEA.

2. Participated in TEQIP –III sponsored Three-Day National Workshop on Pedagogical Skills for Faculty in Outcome –Based Education held during 6-8 December 2019, conducted at JNTUACEA.
3. Participated in a One Day Workshop on “Awareness on OBE for Preparation and Applying to NAAC”, organized under TEQIP –III, on 11<sup>th</sup> November, 2019, at Department of EEE, JNTUACEA.
4. Participated in a Day Workshop on “WATER RESOURCES IN RAYALASEEMA REGION” conducted in Civil Engineering Department on 7<sup>th</sup> and 8<sup>th</sup> March 2018.
5. Participated in a One Day Workshop on “WIND ENERGY CONVERSION SYSTEMS” on 13<sup>th</sup> April 2016 which is conducted under AP RUSA at Prof.S. Tiruvengalam memorial seminar hall, Department of EEE, JNTUACEA.
6. Participated in a One Day Workshop on “Innovations in Technology”, on 9<sup>th</sup> December ,2015, at JNTUACEA.
7. Participated in a One Day National Level Workshop sponsored by UGC, New Delhi on “Training Program for NBA Criteria and Accreditation Process” on 3<sup>rd</sup> March 2015 organised by JNTUACEA.
8. Participated in a One Day Workshop on “AWARENESS ON CREATING CENTRES OF EXCELLENCE “on 26<sup>th</sup> JUNE 2015 at Chemical Engineering Department., seminar hall, JNTUACEA.
9. Participated in a One Day Workshop on “AWARENESS ON WASHINGTON ACCORD FOR OUTCOME BASED EDUCATION” on 4<sup>th</sup> AUGUST 2015 at College Auditorium, JNTUACEA.
10. Participated in a One Day Workshop on “AWARENESS ON IT/ITES JOB ROLES & BIG DATA ANALYTICS”, on 20<sup>th</sup> AUGUST 2015 at College Auditorium, JNTUACEA.
11. Participated in a One Day Workshop on “CYBER SECURITY”, on 8<sup>th</sup> October, 2015, at JNTUACEA.
12. Participated in a One Day Workshop on “Innovations in Technology”, on 9<sup>th</sup> December, 2015, at JNTUACEA.
13. Participated in a One Day Workshop on “ROLE OF WOMEN IN ENGINEERING EDUCATION THROUEG IEEE”, on 19<sup>th</sup> September, 2015, at JNTUACEA.

**Faculty Development programs:**

1. Participated in the Faculty Development Programme on “AGILE METHODOLOGIES”, on 25<sup>th</sup> FEBRUARY, 2015, at JNTUACEA.
2. Participated in 5 Day Faculty Development Program on "Awareness on Electric/Hybrid Vehicle Engineering", Organised under TEQIP-III from 21st-25th January 2020 at EEE Seminar Hall, JNTUACEA.
3. Participated in Two-Week Faculty Development Program sponsored by AICTE on "Mathematical Modelling and Simulation for Scientists & Engineers" organized by Chemical Engineering Dept, JNTUACEA during 24-02-2020 to 07-03-2020.
4. Participated in the one-week online Faculty Development Programme on Recent research developments in materials engineering and mechanical design – organized in the dept. of Mechanical Engg. During 21<sup>st</sup> to 25 July 2020.
5. Participated in the Five-day national level Faculty Development Programme for educators of environmental studies – conducted by the dept. of Chemical Engineering Department., seminar hall, JNTUACEA during 21<sup>st</sup> to 25<sup>th</sup> of 2020.
6. Participated in four-day online Faculty Development Programme on Challenges and opportunities of energy and sensor applications- During 23<sup>rd</sup> to 26 September 2020. organized by Department of EEE, JNTUACEA.
7. Participated in TEQIP III sponsored one week Faculty Development Programme on leadership skills –During 19<sup>th</sup> to 24<sup>th</sup> August 2019 conducted at JNTUACEA.
8. Participated in TEQIP III sponsored one week Faculty Development Programme on research methodology and data analysis –During 23<sup>rd</sup> to 28<sup>th</sup> September 2019 conducted at JNTUACEA.
9. Participated in TEQIP III sponsored one week Faculty Development Programme on reinforcing professional communication skills for teaching faculty–During 11<sup>th</sup> to 15<sup>th</sup> June 2018 conducted at JNTUACEA.
10. Participated in TEQIP III sponsored one week Faculty Development Programme on soft skills and personality development skills –During 10<sup>th</sup> to 14<sup>th</sup> December 2018 conducted at JNTUACEA.
11. Participated in Faculty Development Programme on big data analytics –During 20<sup>th</sup> to 22<sup>nd</sup> February 2017 conducted at JNTUACEA.

## **CONFERENCES**

1. Chaired in 2<sup>nd</sup> international conference on advances in civil engineering – during 21<sup>st</sup> to 23<sup>rd</sup> march 2019 at KLEF green fields, Vaddeswaram, Guntur
2. Presented a paper titled as “service life prediction of self-compacting concrete with respect to chloride ion penetration – state of the art report- at Osmania university campus - Hyderabad on 29th June 2019
3. Presented a paper titled as “effect of sea water on bethamcherla stone powder waste geopolymer concrete - international conference on recent innovation in engineering – science and management – on 23<sup>rd</sup> November 2019 at Osmania university campus - Hyderabad

## **WEBINARS**

1. Participated in the webinar Impact of covid 19 on the development rural economy on 27-07-2020
2. Participated in the webinar National with rehabilitation of bridges, construction engineering for cantilever bridges on 29-05-2020
3. Participated in the webinar Climate changed impact on water resources management and environment 15 to 19-07-2020

## **SHORT TERM COURSES**

1. Participated in one-week AICTE sponsored STTP on Nano Technology and Functional Courses held from 27-07-2020 to 1-08-2020 organized by department of Civil Engineering, SRIT, ANATHAPURAMU
2. Participated in one-week AICTE sponsored STTP on Earth Quake Analysis of Tall Buildings held from 06-08-2020 to 12-08-2020 organized by department of Civil Engineering, SRIT, ANATHAPURAMU

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

08.05.2023

*(Prof.E.Arunakanthi)*