CURRICULUM VITAE



***Dr. M. Padmavathi***

Associate Professor of Civil Engineering, JNTUH CEH &

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 Date of birth: 8th July 1980

**Educational Qualifications :** ***B. Tech (2001),*** *Civil Engineering, KL Collge of Engineering,Nagarjuna University, Guntur.*

 ***M.Tech (2003),*** *Soil Mechanics and Foundation Engineering, College of Engineering, Guindy, Anna University, Chennai.*

***Ph.D (2018),*** *JNTU Hyderabad.*

**Work Experience : *Teaching Experience: (****Ad.hoc: 2, Regular: 14;* ***Total:*** *16 Years****)***

 *Lecturer (Dec’2003 – Nov’2006),* ***KL College of Engineering, Guntur.***

 *Assistant Professor (Nov’2006 – March’2018),CEH,* ***JNT University, Hyderabad***

 *Associate Professor (March’2018 – till date), CEH,* ***JNT University, Hyderabad***

**Administrative Responsibilities : a) *Deputy Warden****, Kamla Nehru Girls Hostel, JNTUHCEH Hyderabad*

 *b)* ***Coordinator*** *-Academic &Planning, JNTUH*

**Research Publications :**

**Papers Published :** Peer Reviewed Journal Articles: **07**

 (05-published & 02 communicated**)**

 International Conference Proceedings: **04**

 National Conference Proceedings: **06**

**Foreign Visits :**

1. Attended and presented a technical paper titled “*Response of Four Pile Group Subjected to Eccentric Loading*” in an ISSMGE’s International Conference on GEOMEAST-2018 held during 23rd to 29th Nov 2018, *Cairo, Egypt*.
2. Attended and presented a technical paper titled “*Seismic stability analysis of earthen dam – a case study of the left embankment of Nagarjuna Sagar dam, India*." In an International Conference on Landslides and Slope stability, (SLOPE 2015) held at Parahyangan Catholic University, *Bali, Indonasia*, during 27th to 30th September, 2015.

**List of Publications**

***International Journals :***

1. Padmavathi M, Padmavathi V, Madhav M R, (2016) “*Load - Displacement and Moment-Rotation Responses of Foundation subjected to Moment Loading,”* *International Journal of Geomechanics,* Vol.16 , Issue No.5, pp.1-12, ISSN: 1532-3641, eISSN: 1943-5622, , American Society of Civil Engineers, ASCE.
2. Padmavathi M and Cecil Sunu,  (2015) “*Dynamic response analysis of highway embankment with different fill material modifications*,” *International Journal of Latest Technology in Engineering Management & Applied Science*, Vol No. IV, Issue No.X-1, 8, , ISSN 2278 - 2540.
3. Padmavathi M, Srinivas Angadi, (2015) “*Challenges in Adopting Smart City Concepts and Their Sustainbility in Indian Conditions*,” International J. Technology, ISSN 2231-3907 (Print, ISSN 2231-3915 (Online), Vol. 5, Issue 2, pp.41-47.
4. Padmavathi M, Padmavathi V, Madhav M R, (2014) “*Foundation subjected to Moment Loading - Re-evaluation of Meyerhof's Approach*,” *Indian Geotechnical Journal,* ISSN: 0971-9555 (print version) ISSN: 2277-3347 (electronic version), Vol No.Vol. 44, No.3, pp. 260-268. , Issue No.3, pp.260-268, Springer, 2014, march
5. Padmavathi M, (2018) “*Load - Displacement and Moment - Rotation response of square footing resting on reinforced sand bed under Moment Loading*,” *Global Journal of Engineering science and researches,* Vol No.I - Concepts -18, Issue No.3, pp.278-285, ISSN 2348 – 8034, THOMSON REUTERS, 2018.
6. Padmavathi. M and Srinivas. Ch (2019) “Static and Dynamic Analysis of Nailed Slope”, **International Journal of Geosynthetics and Ground Engineering-Comminicated**
7. Padmavathi M, Padmavathi V, Madhav M R, (2019) “ Response of two-pile group subjected to vertical eccentric load” International Journal of Geotechnical Engineering, -Communicated. Submission id: 195349461

**International/National Conference Publications**

1. Padmavathi M, Koteswara Rao L, Padmavathi V, Madhav M R, and Sanjeeva P, (2019). “*Response of Four Pile Group Subjected to Eccentric Loading*,” *Proceedings of the 2nd GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures*, Egypt 2018 – The Official International Congress of the Soil-Structure Interaction Group in Egypt (SSIGE), January 2019 DOI: 10.1007/978-3-030-01902-0\_3. In book: Sustainability Issues for the Deep Foundations, Issue No.DOI: 10.1007/978-3-030-01902-0\_3, Springer Nature, 2019, January.
2. Padmavathi V, E C Nirmala Peter, Padmavathi M, P N Rao, (2019). *“Stabilization of Soil Using Terrasil, Zycobond and Cement as Admixtures”,*, *Proceedings of the 2nd GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures*, Egypt, Latest Thoughts on Ground Improvement Techniques, , ISSN 2366-3405 ISSN 2366-3413 (electronic) Sustainable Civil Infrastructures ISBN 978-3-030-01916-7 ISBN 978-3-030-01917-4 (eBook) https://doi.org/10.1007/978-3-030-01917-4-170, © Springer Nature Switzerland AG 2019 H. Shehata and H. Poulos (Eds.): GeoMEast 2018, SUCI, pp. 163–170, 2019. https://doi.org/10.1007/978-3-030-01917-4\_13, 2019.
3. Padmavathi. M and Madhav M. R. (2015). “*Effect of compressibility of ground on bearing capacity of foundation under moment loading*,” Proceedings of 15th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering, Fukuoka, Japan., Vol No.IND-09, Issue No. , pp.9-13, Asian Regional Conference, ARC, 2015, November.
4. Padmavathi M and Cecil Sunu, “*Seismic stability analysis of earthen dam – a case study of the left embankment of Nagarjuna Sagar dam, India." .*, *Proceedings International Conference on Landslides and Slope stability, (SLOPE 2015)*,, SLOPE -2015 Bali, Indonesia, Springer, 2015, 27-30th September.
5. Padmavathi M, Padmavathi V, Madhav M R, (2018). “*Inelastic and Nonlinear analysis of foundations under moment Loading,”* *Proc. of Symposium on GeoPractices -2018*, , IGS Hyderabad Chapter and JNTUHCEH , Vol No.1, Issue No.1-16, IGS.
6. Vijay Kiran K, Padmavathi M, Madhav M R, (2015) *"Settlements of single granular pile at different depths,"* *Proceedings of Indian Geotechnical Conference (50th IGC), Geotechnics for Infrastructure & Foundation Techniques*, College of Engineering Pune, Paper No.318., December 17-19, IGC- 2015.
7. Padmavathi M, Vaishnavi G, Madhav M R, Padmavathi V, (2015) *"Behaviour of two pile group subjected to eccentric loading."*, *Proceedings of Indian Geotechnical Conference (50th IGC)*, Geotechnics for Infrastructure & Foundation Techniques, College of Engineering Pune, , Paper No.317. 17-19, December,2015.
8. Srinivas Angadi, Padmavathi M, (2015). *“Challenges in adopting smart city concepts and their sustainability in Indian conditions,” An Industry Academia Conference on Construction Management, IACCM*, NICMAR, Hyderabad. 4th - 5th, December, 2015.
9. Padmavathi M, Padmavathi V, Madhav M R, *“Inelastic Response of shallow foundations subjected to eccentric loading with Non-linear Winkler model.”*, *Proceedings of Indian Geotechnical Conference*, Paper No.F.612. , pp.29-32, 2012, December 13-15, Delhi.
10. Padmavathi M, Padmavathi V, Madhav M R, *"Analysis of Inelastic response of Shallow foundations subjected to Moment Loading’.*, Proceedings of Indian Geotechnical Conference, Kochi,, Issue No.Paper No. N-289, pp.931-934, 2011, December 15-17.

**Research Guidance** : *M.Tech:* ***18-*** *Guided, 05-ongoing*

**Major Consultancy Projects :** 20

**Minor Consultancy Projects :** *about* ***80***

**Guest Lectures/Invited Talks : *10***

**Short Term Courses/FDP Attended : *08***

**Seminars/Training/Student Events Organized and Assisted : 16**

**Other Activities :** *M. Tech Thesis examiner, Journal Paper Reviewer, Text Book Reviewer*

**Abroad Visits :** *Bali, Indonesia, Cairo, Egypt,Singapore.*

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 **( M. Padmavathi)**

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