NICMAR University, Pune

Position: Vice-Chancellor

Name: Paturu Neelakanteswara Rao
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Mobile: 9010202842
Gender: Male
Date of Birth: 06-Aug-1965

Education Detail

Education Level	Board / University	Institute / School / College	Marks	CGPA	Year
Secondary	Board of Secondary Education, Andhra Pradesh	Govt. Junior College, Ulavapadu, Prakasam (District), A.P.	70.00	7.00	1980
Subjects / Specialization: Telugu, Hindi, English, Mathematics, General Science, Social Studies					
Higher Secondary	Board of Intermediate Education, Hyderabad(A.P.)	G.V.S.M. Govt. Junior College, Ulavapadu, Prakasam(Dist.), A.P.	91.60	9.16	1982
Subjects / Specialization: Mathematics, Physics, Chemistry					
Graduation	Thapar University	Thapar Institute of Engineering and Technology, Patiala, Punjab	67.61	0.00	1987
Subjects / Specialization: Civil Engineering					
Post Graduation	BITS University	Birla Institute of Technology & Science, Pilani, Rajasthan	0.00	8.75	1988
Subjects / Specialization: Civil Engineering					
PhD	BITS University	Birla Institute of Technology & Science, Pilani, Rajasthan	0.00	0.00	1998
Subjects / Specialization: Structural Engineering					

Work Experience (Total: 37Y 3M)

#	Organization	Designation	From	To	Duration
1	Birla Institute of Technology & Science, Pilani, Hyderabad Campus	Professor	Dec 1988	Present	37Y 3M

Research Publication

#	Title	Journal	Year
1	Waste glass in cementitious materials: Applications, properties, and performance in construction and infrastructure	Progress in Engineering Science	Mar-2026
2	Development of sustainable and durable ternary blended concrete using sugarcane bagasse ash and glass powder	Construction and Building Materials, Vol. 466	Mar-2025
3	Compatibility of waste glass with other by-products for the production of sustainable concrete	Journal of Building Engineering	Dec-2023
4	Estimation of wind pressure coefficients on multi-building configurations using data-driven approach	Wind and Structures	Feb-2021
5	Artificial Neural Network-Based Prediction of Wind Pressure Coefficients on Buildings	Jounal of The Institute of Engineers.(India) Series A	Mar-2021
6	Wind Induced interference effects on two, three and four building configuration	International Journal of Structural Engineering	May-2021
7	Study of Interference Effects on Wind Turbine Structures	Journal of Energy and Environmental Sustainability	Sep-2019
8	Study of Interference effects on Chimneys	Journal of Physics	Sep-2019
9	Thermal Conductivity and Impact Resistance of Concrete Using Partial Replacement of Coarse Aggregate with Rubber	Journal of Jordan Engineering	Feb-2016
10	Strength and Workability Characteristics of Concrete by Using Different Super Plasticizers	International Journal of Materials Engineering	Feb-2012

Published Books / Chapters

#	Book Title	Publisher	Institution
1	M Bhanuchitra, V Padmavathi, P N Rao (2023),” Prediction of Failure of Embankment on Soft Clay from Construction Control Chart”,	Springer publication	International Symposium on Construction Resources for Environmentally Sustainable Technologies
2	Vishwaja Neha, B., Padmavathi, V., Padmavathi, M and Rao, P.N. (2021), " Study of Cohesive Soil Behaviour on Addition of Coconut Fibre and Micro Fine Cement"	Springer publication	Proceedings of the Indian Geotechnical Conference 2019, IGC-2019, Volume V, pp.1-11, Lecture Notes in Civil Engineering
3	Shruti K., Rao P.N., Sabareesh G.R. (2019) “Across Wind Load Analysis Using CFD for Sustainable Design of Tall Structures”	Springer Book series. (ISBN 978-3-030-01931-0).	Advances and Challenges in Structural Engineering. GeoMEast 2018. Sustainable Civil Infrastructures
4	Satya Sireesha, V. Padmavathi, V. Sai Venkata Harini, P. N. Rao (2019), “MASW Survey for Mapping Soil Profiles at Investigation Site”	Springer publication	Advances in Geotechnical and Transportation Engineering, Vol.71, pp.249-256
5	Padmavathi, V., Nirmala Peter, E. C., Rao, P. N. and Padmavathi, M. (2019), “Stabilization of Soil Using Terrasil, Zycobond and Cement as Admixtures”,	Springer Book series. (ISBN 978-3-030-01916-7).	Latest Thoughts on Ground Improvement Techniques. GeoMEast2018. Sustainable Civil Infrastructures

Administrative Experience (Total: 22Y 1M)

#	Post	Institution	From	To	Duration
1	Faculty In-charge(FIC) equivalent to Dean	BITS, Pilani-Hyderabad Campus	Aug 2010	Jul 2012	1Y 11M
2	Head of the Department, Civil Engineering	BITS, Pilani-Hyderabad Campus	Aug 2008	Oct 2028	20Y 2M

Major Research

#	Project Title	Value	Agency	From	To	Duration
1	To strengthen the research facilities in the department	100 lakhs	DST-FIST	Nov 2013	Nov 2018	5Y 0M
2	State of the Art Report (SOAR) on Use of Polymer Fibers and Steel Fibers for Improvement in Concrete Properties	6.578 Lakhs	MoRT&H	Mar 2017	Mar 2018	1Y 0M

PhD Student Guided

#	Guide No	Co-Guide No
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