NICMAR University of Construction Studies, Hyderabad

Position: Vice-Chancellor

Name: Chandra Sekhar Sekhar Matli
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Mobile: 9908132001
Gender: Male
Date of Birth: 28-Nov-1963

Education Detail

Education Level	Board / University	Institute / School / College	Marks	CGPA	Year
Graduation	SV UNIVERSITY	SVU COLLEGE OF ENGINEERING, TIRUPATI	66.00	6.60	1987
Subjects / Specialization: CIVIL					
Post Graduation	SV UNIVERSITY	SVU COLLEGE OF ENGINEERING, TIRUPATI	75.00	7.50	1989
Subjects / Specialization: ENVIRONMENTAL ENGINEERING					
PhD	KAKTIYA UNIVERSITY	NIT WARANGAL	0.00	0.00	2001
Subjects / Specialization: WATER QUALITY MODELLING					

Work Experience (Total: 6Y 10M)

#	Organization	Designation	From	To	Duration
1	NIT WARANGAL	PROFESSOR HAG	Oct 2019	Present	6Y 10M

Research Publication

#	Title	Journal	Year
1	Evaluating Random Forest, XGBoost, and Ensemble Models for PM10 and PM2.5 Retrieval Using AOD and Meteorological Variables	Physics and Chemistry of the Earth	Aug-2026
2	Optimization of energy recovery through the catalytic Co-hydrothermal carbonization of sewage sludge and lignocellulose biomass	Biomass Conversion and Biorefinery	Dec-2025
3	Photocatalytic removal of fluoroquinolone antibiotics using heterogeneous photo-Fenton process: scavenger study and determination of residual antibacterial activity	International Journal of Environmental Analytical Chemistry	Dec-2025
4	Synthesis and characterisation of pure zeolite A from fly ash for removal of lead and cadmium	International Journal of Environmental Analytical Chemistry	Jul-2025
5	Heterogeneous Photocatalysis of Fluoroquinolone Antibiotics: Scavenger Study and Determination of Residual Antibacterial Activity.	Ozone: Science & Engineering	Jun-2025
6	Synthesis of a high-purity zeolite A from bagasse fly ash: optimization, characterization, and application as a low-cost adsorbent for cadmium	Chemical Papers	Mar-2025
7	Advanced oxidation treatment of emerging pollutants from pharmaceutical industrial wastewaters–A review	Ozone: Science & Engineering	Nov-2024
8	A comprehensive review delineates advancements in retrieving particulate matter utilising satellite aerosol optical depth: Parameter consideration, data processing, models development and future perspectives	Atmospheric Research	Oct-2024
9	Estimation of surface PM2.5 with MODIS Aerosol optical depth and source identification using trajectory analysis: A case of Hyderabad City	India. International Journal of Environment	May-2023
10	A review on Co-Hydrothermal carbonization of sludge: Effect of process parameters, reaction pathway, and pollutant transport	Journal of the Energy Institute	Oct-2023
11	Improving accuracy in simulation of urban wind flows by dynamic downscaling WRF with OpenFOAM	Urban Climate	Jul-2023

Published Books / Chapters

#	Book Title	Publisher	Institution
1	Earth observations and AIML for urban growth modeling	Elsevier	CSIR National Environmental Engineering Research Institute, Nagpur, Maharashtra, India; National Institute of Technology, Warangal, Telangana, India
2	Valorization of Sugarcane Bagasse Fly Ash Into a Low-Cost Adsorbent Material for Removal of Heavy Metals: A Review	Springer	National Institute of Techmology Warangal
3	Urban Sustainability and Resilience Building: Blue-Green Infrastructure for Air Pollution Abatement and Realizing Multiple Co-benefits	Springer	National Institute of Techmology Warangal
4	Assessment of Quality of Compost Derived from Municipal Solid Waste	Springer	National Institute of Techmology Warangal

Administrative Experience (Total: 23Y 11M)

#	Post	Institution	From	To	Duration
1	DIRECTOR	RGUKT (IIIT-AP) NUZVID	Nov 2023	Sep 2024	0Y 9M
2	DEAN, PLANNING 7 DEVELOPMENT	NIT WARANGAL	Feb 2022	Jul 2023	1Y 4M
3	HEAD CED	NIT WARANGAL	Aug 2018	Aug 2020	1Y 11M
4	Chairman, Games Committee	NIT WARANGAL	Oct 2016	Nov 2018	2Y 0M
5	REGISTRAR	NIT WARANGAL	Mar 2015	Feb 2016	0Y 10M
6	HEAD, TRAINING & PLACEMENTS	NIT WARANGAL	Jul 2007	May 2019	11Y 10M
7	DIRECTOR ACADEMIC	Jawahar Knowledge Center (JKC) INSTITUTE FOR ELECTRONIC GOVERNANCE (Government of A P), HYDERABAD	Jul 2007	Jul 2012	4Y 11M

International Experience

#	Organization / Body	Experience
1	Prestina University, Kosova	Teaching Assignment
2	Warsaw Institute of Technology, Poland	teaching mobility
3	University of Santiago, Compostilla, Spain	teaching mobility

PhD Student Guided

#	Guide No	Co-Guide No
1	6	-