

The LORD is my shepherd; I shall not want. Psalm 23:1

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Date of Birth	August 8, 1980
Marital Status	Married
Religion	Hinduism

Educational Accomplishments

Degree & Year of Graduation	Institute	Performance
Ph. D., Chemistry (2010) Supervisors: Prof T K Varadarajan Prof B Viswanathan	IIT Madras	<u>Thesis Title</u> : Development and Exploitation of Carbon Materials from Plant Sources <u>Awarded On</u> : July 30, 2010
M. Sc. in Chemistry 2000 - 2002	Andhra University, Visakhapatnam	First Class with Distinction; (1068/1400) 76.29 %; Gold Medalist
B. Sc. in Mathematics, Physics and Chemistry 1997 - 2000	Govt. College, Rajahmundry	First Class with Distinction; 1465/1900 = 77.1 % (Major)

Intermediate (Grade XII) Mathematics, Physics and Chemistry (1995 - 1997)	C. G. T. M. Jr., College, Rajahmundry	First Class with Distinction; (811/1000) 81.1 %
S. S. C. (Grade X) (1994 - 1995)	APPMills, Model High School, Rajahmundry	First Class with Distinction; (474/600) 79.0 %; Gold Medalist

Work Experience

Employer	Institute	Duties and Responsibilities
Visiting Professor (21 st September 2024-)	Mahatma Gandhi University, Kottayam, Kerala.	Book Compilation, Review Articles drafting, Research Supervision and Delivering Lectures on Nanotechnology
Assistant Professor, Department of Chemical Sciences, (19/9/2022 to 18/10/2023)	GSFC University, Vadodara	Taught Industrial, Analytical and Physical Chemistries to B.Sc and M.Sc students
Postdoctoral Research Fellow Supervisor: Professor Xinling Wang 2019-2021	Shanghai Jiao Tong University, Shanghai, China.	Published Two Research Papers on Carbon Fiber Reinforced Composites
Visiting Scientist, Recipient of Advanced Scientific-Brain Fellowship of the Korean Federation of Science and Technology Societies, Host: Prof Tae Hyun Kim (1.11.2016 – 8.12.2017)	Hanyang University, ERICA campus, Republic of Korea	Published a Research Article on Biomass Composition Analysis, Pretreatment and Biochemical Production
Postdoctoral Research Fellow Supervisor: Professor Aharon Gedanken (2010-2016)	Bar Ilan University, Israel	Published 33 Research Articles, A Book, 4 Edited Books, 7 Book Chapters and Applied for 4 patents.

		Biofuels, Biochemicals, Sensor, CO ₂ reduction
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Profile Overview

Dr. Indra Neel Pulidindi works as a Scientific Consultant at JSCIAR, India. He has also been rendering his services as a Visiting Professor at Mahatma Gandhi University, Kottayam, Kerala, in the research group of Professor Sabu Thomas. His specialisation lies in Composites (CFRPs), Biofuels and Biochemicals, Catalysis, Fuel Cells, Carbon materials and Heteropoly Acids. He has published 72 research papers, 6 books, 14 book chapters and secured a patent (6 patents filed). He has guided several PhD, Master's and Undergraduate students. Given his intensive teaching and research experience, Dr. Neel looks forward to adding value to your esteemed institution.

Honours:

- Editorial Board Member in “bioengineering, MDPI Publishers, Switzerland; Research in ecology, Bilingual Publishing Group (BPG), Singapore.”
- Topical Advisor in “Catalysts, MDPI Publishers”
- Referee and Guest Editor to various journals by MDPI, Bentham, Elsevier, and ACS: Refereed 364 Manuscripts and Edited 20 Special Issues.
- Patent Granted on “Preparation of Activated Carbon from Botanical Source, Balasubramanian V Neel PI, Varadarajan TK, Indian Patent No. IN200700376-I4, February 13, 2007

Patents Filed:

2024

- Prakash Vaithyanathan, Indra Neel Pulidindi, Fermentation on supported nanoyeast for biofuels, biochemicals and biopharmaceuticals production. Indian patent, Provisional patent application number 202441078231, (Reference number of application: TEMP/E-1/91323/2024-CHE), October 15, 2024.
- Prakash Vaithyanathan, Indra Neel Pulidindi, A new fermenter design for continuous flow for accelerated biomass conversion. Indian patent, Provisional patent application number: CBR number: 92235, October 17, 2024.

2017

- Gedanken A, Pulidindi IN, Betina T, Solar-aided conversion of marine algae and biomass to bioethanol, US patent, Provisional patent application No 62450107, January 25, 2017.

2012

- Gedanken A, Pulidindi IN, Converting CO₂ into a commercially important chemical, US Provisional Patent Application No.134512, January 3, 2012.

2011

- Gedanken A, Pulidindi IN, Mariana Rodriguez Hakim, Patricia Mayer, Decomposition of cellulose under microwave irradiation, US Patent, Provisional patent application No. 131772, October 11, 2011.
- Gedanken A, Schwarz R, Pulidindi IN, Accelerating the fermentation of glucose using a sonochemical process with the aid of yeast, US patent, Provisional patent application No. 124726, March 21, 2011.

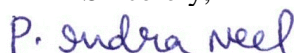
Publications (Total – 72; 59 Research Papers and 13 Review Articles; Q1 Journals - 38): <https://scholar.google.co.il/citations?user=g8ZICgUAAAAJ&hl=en>

References

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2	Prof. Xinling Wang Department of Chemistry and Chemical Engineering Shanghai Jiao Tong University, Shanghai-200240, China. Email: xlwang@sjtu.edu.cn
3	Prof. T K Varadarajan (retired) Department of Chemistry Indian Institute of Technology Madras, Chennai – 600036. Phone: 91-442257 4241 ; +91 98 4045 2702 ; Email: varadarajantk@hotmail.com varadarajantk@yahoo.co.in

I hereby declare that all the above information is true to my knowledge. Any additional details required will be provided upon request.

March 2025

Sincerely,

Indra Neel Pulidindi