



Prof. INDIREDDY SREEVANI
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Currently working as Professor of Chemistry in Department of Humanities & Sciences at
K.S.R.M College of Engineering, Kadapa, Andhra Pradesh.

ACADEMIC PROFILE:

Degree	Year	Division	University	Specialization
Ph.D.	June, 2011	First Class	Sri Krishna devaraya University, Anantapur	Analytical Chemistry
M.Sc.,	April, 1995	First Class	Sri Krishna devaraya University, Anantapur	Inorganic Chemistry
B.Sc.,	April, 1993	First Class	Sri Krishna devaraya University, Anantapur	Chemistry, Physics & Zoology (CPZ)
BIE	Mar, 1990	First Class	Board of Intermediate Education, Hyderabad.	Bi.P.C.
SSC	Mar, 1988	First Class	Board of Secondary Education, Hyderabad.	General

TEACHING PROFILE:

Designation of the Post held	Name of the Employer and Address of Organization	Period	
		From	To
Lecturer	Sri Y. Subbi Reddy Memorial Degree College, Kadapa	01.06.1995	31.03.1997
Lecturer	Sri Sai Degree College, Railway Kodur	June 1997	Nov' 2000
Teaching Asst.	K.S.R.M. College of Engineering, Kadapa	16.12.2000	22.09.2004
Asst. Prof. (Adhoc)	K.S.R.M. College of Engineering, Kadapa	23.09.2004	30.09.2005
Assistant Professor	K.S.R.M. College of Engineering, Kadapa	01.10.2005	30.09.2017
Associate Professor	K.S.R.M. College of Engineering, Kadapa	01.10.2017	30.06.2022
Professor	K.S.R.M. College of Engineering, Kadapa	01.07.2022	Till date

AWARDS & HONORS:

1. Awarded Best Teacher in the year 2008-09 in K.S.R.M. College of Engineering
2. Awarded Best Teacher in the year 2012-13 in K.S.R.M. College of Engineering

MEMBERSHIP IN PROFESSIONAL BODIES:

1. Life Membership in Indian Society for Technical Education

ADMINISTRATIVE EXPERIENCE:

1. Head Of the Department, Humanities & Sciences.
2. BOS Chairman for the Boards of Humanities & Sciences.
3. Member in Purchase Committee.
4. Member in IQAC.
5. Member in Women Empowerment Cell.
6. Member in Examination Grievance Cell.
7. Member in Anti Ragging Committee.

** As the Principal is the Convener OR Chairman for the above (3 to 7) Committees, All the HODs are Members only.

PATENTS:

1. **Dr.I.Sreevani**, Title of the invention: Synthesis of Aryl Amides from Isocyanides and Carboxylic Acids using Ultrasound-promoted under ambient conditions, (Patent Application No.202241066486A).
2. **Dr.I.Sreevani**, Title of the invention: Evaluation and Development of Analytical Procedure for determination of heavy metals used by Industrial Effluents, (Patent Application No.202241066490A).
3. **Dr.I.Sreevani**, Title of the invention: Treatment of Water Purification with Modification of Surface, Physical And Chemical Properties of Activated Carbons, (Patent Application No.202241076559 A).

TEXT BOOKS:

1. **Dr. I.Sreevani**, M.Mary Jasmine, Dr.K.Venkata Ramana, "**Chemistry for Engineers**" text book published in Research India Publications, India (ISBN: 978-93-92437-30-4)
2. M.Mary Jasmine, Dr.K.Venkata Raman, **Dr. I.Sreevani**, "**Chemistry lab manual cum record**", published in Research India Publications, India. (ISBN: 978-93-92437-15-1).
3. Gunde Padma, **Dr.I.Sreevani**, O. Neekila, Nallaganti Keshamma, G. Anjayya "**Environmental studies**" text book published in Shree Publishing House, India. (ISBN: 978-93-91117-95-5).
4. **Dr.I.Sreevani**, Dr.S. Jyothi Prasad pinnoju, Dr. S.Mallareddy, P.Sudher "**A text book of**

- Chemistry**” Published in Shree publishing house, India. (ISBN: 978-93-91117-93-1).
5. **Dr.I.Sreevani**, A. Uma Shankar Kumar, “**Agriculture for Engineers manual cum record**” Published in professional Books Publisher, Hyderabad. (ISBN: 978-93-91679-21-7).
 6. B.Prashanti, **Dr.I.Sreevani** and G.Venkateswarlu, “**Estimation of Chlorophyll Pigment in Cyamopsis tetragonoloba (Cluster bean) in different Samples**”, Published book chapter in BP international, West Bengal india. (ISBN:978-93-5547-859-7).
 7. D. Mallikarjuna Reddy, Dr.K.Venkata Ramana and **Dr.I.Sreevani** Published a text book of **Solid state Physcis**, Iterative international publishers, USA. (ISBN: 978-16-8576-356-5).
 8. Dr. Badvel Prashanthi, **Dr. I. Sreevani**, “**Photocatalytic Degradation of Heavy Metals**” Published in Red Shine Publications Pvt Ltd, Lunawada, Gujarat, India. (ISBN: 978-93-95456-49-4).

INTERNATIONAL JOURNALS:

1. **I. Sreevani**, P. Raveendra Reddy, “Synthesis of 2-Hydroxy-3-Methoxy Benzaldehyde Thiosemicarbazone (HMBATSC) and its application for direct and second derivative spectrophotometric determination of pd(II)”, published in Journal of Annali di chimica, Societa Chimical Italiana, 2007, Vol.97, pp. 1237-1245
2. **I. Sreevani**, P. Saifulla Khan, P. Raveendra Reddy, V. Krishna Reddy, “2-Hydroxy-3-Methoxy Benzaldehyde Thiosemicarbazone (HMBATSC) as a Spectrophotometric Reagent for the Simultaneous Determination of Indium (III) and Vanadium (IV) in synthetic Mixtures”, published in International Journal of Chemistry and Applications, ISSN 0974-3111, Vol.3, No.3, 2011, pp.237-243.
3. **Dr.I. Sreevani**, P. Raveendra Reddy, V. Krishna Reddy, “A Rapid and Simple Spectrophotometric Determination of Traces of Chromium (VI) in Waste Water samples and in Soil samples by using 2-Hydroxy, 3-Methoxy Benzaldehyde Thiosemicarbazone (HMBATSC), Published in IOSR Journal of Applied Physics, e-ISSN: 2278-4861, Vol.3, Issue 1 (Jan. – Feb. 2013), pp.40-45.
4. **Dr.I. Sreevani**, D. Prem Kumar, A. Praveen Kumar, P. Raveendra Reddy, “Direct and Second order derivative spectrophotometric Determination of Vanadium (IV)”, Published in International Journal of ChemTech Research, ISSN:0974-4290, Vol.4, No.2, April – June 2012, pp.686-690.
5. **Dr.I. Sreevani**, M. Swetha, “Non-extractive spectrophotometric determination of Cu(II) using 2-Hydroxy-3-Methoxy Benzaldehyde Thiosemicarbazone (HMBATSC)”, Published by IOSR Journal of Applied Chemistry, e-ISSN: 2278-5736, Vol.9, Issue 9, ver.1 (Sep.2016), pp.63-67.
6. **Dr.I. Sreevani**, M. Swetha, “Simultaneous Derivative Spectrophotometric Determination of Indium (III) and Iron (II)”, Published in Journal of Chemical and Pharmaceutical Research, ISSN: 0975-7384, 8(8), 2016, pp.360-363.
7. **Dr.I. Sreevani**, M. Swetha, “Simultaneous Derivative Spectrophotometric Determination

- of Chromium (VI) and Indium (III)”, Published in International Journal of Engineering & Scientific Research, ISSN: 2347-6532, Vol.4, issue 10, October 2016, pp.25-31.
8. **Dr.I. Sreevani**, M. Swetha, “Simultaneous Derivative Spectrophotometric Determination of Chromium (VI) and Vanadium (IV)”, Published in Journal of Chemical and Pharmaceutical Research, ISSN: 0975-7384, 8(8), 2016, pp.1074-1077.
 9. B. Prashanti, **Dr.I. Sreevani**, B. Suresh, T. Damodharam “Graphene-CuO nano composite for efficient photocatalytic reduction of pb (II) under solar light irradiation, Applied ecology and environmental sciences, 2019, vol.7, n0.5, 176-181.
 10. **Dr. I. Sreevani**, Dr. B. Prasad, G. Nageswari, G. Anjaya, R. Subbarayudu, “An Analytical Study On Thermodynamic 2,3 Dichloro Pentane And Benzene”, Journal of the Asiatic Society of Mumbai (UGC Care Group 1 Journal), page No.0972-0766, July 2020.
 11. **Dr.I.Sreevani**, G.Ananya, M.Priya darshini, G.Ravindra Reddy, G.Nageswari, “An analytical study on pharmacological studies and photo chemistry on mucuna pruriens”, ANVESAK (UGC Care Group 1 Journal), page No.0378-4582, Dec 2020.
 12. **Dr. I. Sreevani**, Dr. K.Venkata Ramana “Synthesis of Novel Phosphorylated Derivatives of (R) – 1-(6 -Amino-9H-purin-9-yl) Propane-2-ol and their Antiviral Activity” Natural Volatiles & Essential Oils, 2021: 8(5): 8410-8416.
 13. Ranjit Kumar Puse, **Dr. Indireddy Sreevani**, Subhash Debnath, K Malarkodi, Yagnambhatla Rajendra, Prashant B Thakare “Addressing the Synthesizing challenges associated with the use of Medicinal Chemistry”, Bulletin of Environment, Pharmacology and Life Sciences, Vol 10[11] May2022; 16-02 ISSN 2277-1808.
 14. Dr. I. Sreevani, Dr.R. Joyce Stella, G. Thirumala Rao, Enhanced Solar Light-Driven Photocatalytic Degradation of Tetracycline using Fe+3 doped CdO/ZnS nanocomposite: Mechanistic insights and performance Evaluation, Catalysts, 13,1312, 2023. (SCIE Journal)
 15. Dr. I. Sreevani, Dr. K. Venkata Ramana, Dr. M. Varalakshmi and Dr. D. Mallikarjuna Reddy, Synthesis of New Schiff's Bases in Aqueous Medium Under Ultrasonication Method, Journal of Technology, 11(10), 242-249, 2023. (Scopus Journal).

SEMINARS / WORKSHOPS / CONFERENCES:

1. Dr. I. Sreevani attended a “National Seminar on Recent Developments in Inorganic, Organic materials and Electro-organic synthesis”, 26-27, February 2010 at S.K. University, Ananthapuramu.
2. Dr. I. Sreevani attended a National Seminar on Chemistry and Global perspectives, 24-26, October, 2011, at S.K. University, Ananthapuramu.
3. Dr. I. Sreevani, attended a National Seminar on Role of Nano-technology in Environmental Protection, 10-11, February 2012 at JNTUACE, Pulivendula.
4. Dr. I. Sreevani, attended a National Seminar on Nano-materials and Global perspectives, 30-31, January 2013 at Govt. College (M) UG & PG, Ananthapuramu.

5. Dr. I. Sreevani attended a Two days National workshop on Analytical Techniques in Research and Analysis, 27th & 28th December 2013 at JNTUACE, Pulivendula.
6. Dr. I. Sreevani attended a National Seminar on Chemistry for Pharmaceutical Biological Energy and Environmental Applications, 19th March, 2015 at Yogivemana University, Kadapa.
7. Dr. I. Sreevani attended a Conference on 104th Indian Science Congress, 3-7 January 2017 at S.V. University, Tirupathi.
8. Dr. I. Sreevani attended a Conference on National Women's Parliament, 10-12 February, 2017 at Amravati, Vijayawada.
9. Dr. I. Sreevani attended a one day workshop on effective teaching methods using MATLAB & SIMULINK" on 07th October, 2017 at KSRM College of Engineering, Kadapa.
10. Dr. I. Sreevani attended a Conference on 4th Andhra Pradesh Science Congress, 09th-11th November 2018 at Y.V. University, Kadapa.
11. Dr. I. Sreevani attended an international conference on advances in science, engineering and technology (ICASET-2019), 19th-20th December, 2019 at KSRMCE, Kadapa.
12. **Dr. I. Sreevani**, Dr. R. Joyce Stella "Best Research Paper Presentation" in ICASET -2021 titled "Structural, Optical and Magnetic Properties of Fe+3 doped CdO/ZnS nanocomposites" Organized by K.S.R.M. College of Engineering, Kadapa and Andhra Pradesh.
13. **Dr. I. Sreevani** attended SERB Sponsored one week workshop on " SMART HYBRID RENEWABLE ENERGY TECHNOLOGIES" organized by the Department of ECE association with R&D Cell, KSRM College of Engineering, Kadapa, during 09-10-2023 to 13-10-2023.

EVENTS CONDUCTED:

1. Celebrated National Science Day in college campus on 28-02-2020.
2. National Level Online Awareness Quiz on Chemistry in Everyday Life on 16-06-2020.
3. National Level Online Awareness Quiz on International Yoga Day on 21-06-2020.
4. Non Conventional Energy sources Ogranized by Department of Humanities & Sciences, KSRM College of engineering from 01-02-2021 to 17-02-2021.
5. Self defense course for Girl Students Organized by Department of Humanities & Sciences, KSRM College of engineering from 17-02-2021 to 8-3-2021.
6. "International Science day" Ogranized by Department of Humanities & Sciences, KSRM College of engineering on 10-11-2021.
7. Human values and communication skills Organized by Humanities & Sciences, Venue: MB 301 Seminar hall, KSRM College of engineering on 10-12-2021.
8. National mathematics day Organized by of Humanities & Sciences, Venue: Civil seminar hall 111, KSRM College of Engineering on 22-12-2021.

9. Induction Programme organized by Department of H&S: IUCEE Team Induction Team Dean Student Affairs, Venue KOR Auditorium, KSRM College of Engineering on 30-12-2021.
10. National Youth Day Organized by Department of H& SNSS Unit Literacy Committee, Venue KOR Auditorium, KSRM College of Engineering on 12-01-2022.
11. Training Programme on soft Skills Organized by Dept. of Humanities & Sciences, Venue SJ Seminar Hall, KSRM College of Engineering on 07-02-2022 to 10-02-2022.
12. World Day of Social Justice Organized by of Humanities & Sciences, Venue Civil Block Seminar hall: 111, KSRM College of Engineering on 20-02-2022
13. An Awareness Programme on Soft Skills” Organized by Department of Humanities & Sciences, KSRM College of engineering from 07-02-2022 to 10-02-2022.
14. National Students’ Symposium on Recent Trends in Science & Technology-2K22” Organized by Department of Humanities & Sciences, KSRM College of engineering on 28-02-2022.
15. A Career Guidance Programme on “ABC STRATEGIES FOR SUCCESS” Organized by: H& S Dept. / Career Development Cell / NSS Venue KOR – Auditorium KSRM College of Engineering on 29-03-2022.
16. Institute of innovation council & H&S Dept work shop on “IPR & IP MANAGEMENT FOR STARTUPS” KSRM College of engineering On 26-04-2022.
17. Guest Lecture on ULTRASONIC’S Organized by Department of Humanities & Sciences, civil seminar hall 111, KSRM College of engineering on 29-04-2022.
18. Seminar on “SQUID’S” Organized by Department of Humanities & Sciences, civil seminar hall 111, KSRM College of engineering on 04-05-2022.
19. Guest Lecture on “ORGANIC SPECTROSCOPY APPLICATIONS FOR ENGINEERS” Organized by Department of Humanities & Sciences, civil seminar hall 111, KSRM College of engineering on 09-05-2022.
20. Students' Development Program for I. B.Tech students entitled "21st Century Employability Skills for Engineering Graduates" Organized by Department of Humanities & Sciences, KSRM College of engineering on in KOR auditorium on 20-07-2022.
21. An Awareness Program on “UttishtaBharata” State level Youth Convention, Organized by Department of Humanities & Sciences, KSRM College of engineering on 28-07-2022.
22. The Event Sivananda Smaranam – KONNECT-2K23- STEM-2K23 One day Conference organized by Department of Humanities & Sciences, KSRM on 13-04-2023.

WEBINARS, FDP'S:

1. Attended AICTE training and learning (ATAL) Academy online FDP on “Green technology& sustainability engineering 26-10-2020 to 30-10-2020 at Vallabhai national institute of technology, Surat.
2. Attended AICTE training and learning (ATAL) Academy online FDP on “waste technology” from 2-11-2020 to 06-11-2020 at Manipal University, Jaipur.
3. Attended FDP on Course structring, Teaching & Evaluation of HEI as per OHE Malla Reddy College of Engineering, 11th June 2020 to 17th June 2020.
4. Attended FDP on Analytical Research Trends in Pharmaceutical Industry, Bapatla College of Pharmacy, Bapatla 26th June 2020 to 28th June 2020.
5. Attended Webinar on Molecular docking & In Silico ADMET prediction :an overview Sree Vidyaniketan College of Pharmacy, Tirupathi 18th June 2020.
6. Attended Webinar on Settings new standards in Financial Management Services in creating Holistic Sustainable Development Assoc Ham India, 3rd July 2020.
7. Attended Webinar on Frontiers in Chemical Sciences NIT, Rourkela and Odisha 6th July 2020 to 10th July 2020.
8. Attended Webinar on Nano technology-Future of education Mekapati Rajmohan Reddy Institute of Technology & Sciences 17th July 2020.
9. Attended Webinar on Successful NACC accreditation with A/A+/A++ grade Sanskrithi School of Engineering, Anantapur 31st July 2020.
10. Attended Webinar on Current Research trends in organic synthesis & challenges in Drug Development S.G.Govt. degree & PG college, Tirupathi 10th August 2020.
11. Attended One Week National Leve Online FDP on “Outcome based Education and Essential AI Tools for Teachers”, Organized by IQAC of St. Thomas College, Palai, in Association with The Kerala State Higher Education Council (KSHEC), from 10th January to 16th January, 2024.
12. Attended Faculty Development Program on “Self – Improvement through KAIZEN”, KSRM College of Engineering, Kadapa 24th & 25th March, 2024.