

CURRICULUM VITAE

Mr. N. CHANDRASEKARAN M.Sc.,M.Phil.,B.Ed.,(Ph.D).

Assistant Professor

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Personal Profile

Name : N. CHANDRASEKARAN

Father Name : T.V.S NANDAGOPAL

Mother Name : N. ANUSUYA

DOB : 03.04.1981

Marital Status : Married

Language Known : Tamil, English & Telugu

Community : OC

Caste : Arya Vysya

Address for Communication

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Educational Qualification

- ❖ B.Sc., Chemistry, Sacred Heart College (Autonomous), Tirupattur, University of Madras, March 2002
- ❖ M.Sc., Chemistry, Islamiah College, Vaniyampadi, University of Madras, November 2004
- ❖ M.Phil., Chemistry, Periyar University, Salem-11 August 2009
- ❖ B.Ed., Tamilnadu Teachers Education University, May 2010.

- ❖ Ph.D, Pursuing at Periyar University. Salem-11, under the guidance of Dr.D.Madheswari, Government Arts College for Women, Salem-8.

Professional Experience

- ❖ Assistant Professor, Department of Chemistry, Sri Vidya Mandir Arts & Science College(Autonomus), Uthangarai from 13.09.2006 onwards

Research Area

- Organic Chemistry
- Spectroscopy

Research Guidance:

M.Phil – 11

M.Sc - 60

Conferences/Seminar Attended : 10

Workshops Attended : 5

FDP Attended : 8

Orientation Programme : -

Refresher Programme : 1

Publications Details:

1. Chandrasekaran, N., Madheswari, D. & Sudarsan, S. Synthesis of copolymer of aniline-o-phenylenediamine using nonionic surfactant Triton X-100: analysis of electrical conductivities and supercapacitor properties. *Ionics* **30**, 5755–5765 (2024). <https://doi.org/10.1007/s11581-024-05693-0>
2. Synthesis and Characterisation of Silver Nanoparticles using Lawsonia inermis plant extract and its antibacterial activities – International Journal of Science, Technology and Humanities , Dec-2016, Volume-1, page no.82.
3. Synthesis and Characterization of [(2S)-2-[(2R)-4, 5-dihydroxy-3-oxo-2-furyl] -2-hydroxy-ethyl] hexadecanoate from L – ascorbic acid and isopropyl hexadecanoate. International Journal of Scientific Research and Review 8(2) 423-431(2019)

Paper Presentation

1. Corrosion Inhibition Studies On Carbon Steel Using Orange (Citrus Aurantium) Peel Extract As Green Inhibitor In Hydrochloric Acid & Sulphuric Acid Medium National Seminar on Green Chemistry on 31st August 2016 at Gonzaga Arts & Science College for Women, Krishnagiri.

2. Synthesis And Characterisation Of Silver Nano Particles Using Lawsonia Inermis Plant Extract And Its Antibacterial Activities in Two Days National Level Seminar on Advances in Chemical Sciences and Nano Technology on 13th and 14th September 2017 at Adhiyaman Arts & Science College for Women, Uthangarai. ISBN: 978-93-5281-8730.
3. Synthesis of Ascorbyl Palmitate From L – Ascorbic Acid And Isopropyl Palmitate, Catalysed By H₂SO₄ & Characterisation in Two Days National Level Seminar on Advances in Chemical Sciences and Nano Technology on 13th and 14th September 2017 at Adhiyaman Arts & Science College for Women, Uthangarai. ISBN: 978-93-5281-8730
4. Green Synthesis of Quinoxaline and Substituted Quinoxalines in One Day National Level Seminar On Renewable Energy Conversion Technologies for Sustainable Development on 5th February 2019 at Morappur Kongu College of Arts and Science, Morappur, Dharmapuri.
5. Corrosion Inhibition Studies on Carbon Steel using Mangifera Indica plant extract as Green inhibitor in hydrochloric acid and sulphuric acid medium in National level conference on Multifaceted of chemical sciences on 1st February 2019 at PMP Arts & Science College, Dharmapuri.
6. Synthesis and Characterization of [(2S)-2-[(2R)-4, 5-dihydroxy-3-oxo-2-furyl] -2-hydroxy-ethyl] hexadecanoate from L – ascorbic acid and isopropyl hexadecanoate in International Seminar on RECENT TRENDS IN BIOINORGANIC CHEMISTRY (RTBIC19) on 18th February 2029 at Loyalo College, Chennai
7. Investigation on synthesis and optimization of polyaniline in a two day International Conference on FUNCTIONAL MATERIALS FOR ENGINEERING AND BIO APPLICATIONS (FMEBA 2019) on 19th & 20th December 2019 at Govt. Arts & Science College, Hosur, Tamilnadu.
8. Synthesis and Characterization of Poly 2-ter butyl 4-acryloyl oxy anisole-co-methylmethacrylate in a A Two Day International Conference on INNOVATIONS IN PHYSICAL SCIENCES, INFORMATION TECHNOLOGY AND SOCIAL SCIENCES (IC-IPIS2020) on 14th & 15th February 2020 at Sri Vidya Mandir Arts & Science College, Uthangarai,
9. Synthesis, Characterization and monomer reactivity ratio of Acrylic copolymers in a Two day International Conference on THE ROLE OF PHYSICAL SCIENCES TO EXPAND GLOBAL CHALLENGES (ICPSCGC – 2020) on 24th & 25th January 2020 at Adhiyaman Arts and Science College for Women, Uthangarai
10. Synthesis and Characterization of polyaniline and P-phenylenediamine based copolymer with improved capacitance in a one day National Conference on RECENT

RESEARCH TRENDS IN CHEMISTRY (NCRRTC-2022) on 3rd November 2022 at Adhiyaman Arts & Science College for Women, Uthangarai

11. Synthesis and Characterization of Hollow Nanostructured Poly(aniline-co-p-nitroaniline) PANI copolymers and evaluation of its corrosion resistant properties in a Two day International Conference in Advanced Materials Science And Biomedical Applications on 11th & 12th October 2023 at Adhiyaman Arts & Science College for Women, Uthangarai.
12. Synthesis and Characterization of Hollow Nanostructured Aniline orthophenylene diamine copolymers and evaluation of its supercapacitor properties in a one day International Conference on Advanced Material And Catalysis(Icamc-2023) on 16th October 2023 at Government Arts College for Women, Salem-8.
13. Facile Synthesis and Characterization Copolymerization of Aniline o-Phenylenediamine into Hollow Nanostructure Copolymers and Evaluation of Supercapacitor properties in a one National conference on Advances in chemical and biological sciences (NCACBS-25) ON 4th March 2025 at Karpagam Academy of Higher Education, Coimbatore.

Conferences / Workshops / Seminars organized

1. A one day national conference on Recent Advances in material chemistry (RAMC-2023) on 26th April 2023 at Sri Vidya Mandir Arts & Science College, Uthangarai.
2. A Two day International workshop on Recent Trends in Organometallic and Bioinorganic Chemistry (IWRTOBC-2025) on 9th & 10th January 2025 at Sri Vidya Mandir Arts & Science College, Uthangarai,

Organizing Member

1. NAAC sponsored a two day national level seminar on Role of NAAC in enhancing quality in higher education institutions during 7th & 8th September 2021 at Sri Vidya Mandir Arts & Science College, Uthangarai,
2. A two day International RECENT TRENDS IN ADVANCE ENGINEERING AND CHEMICAL SCIENCE (ICRTA-ECS) on 21st and 22nd March 2024 at Sri Vidya Mandir Arts & Science College, Uthangarai,

Awards received

1. Best Teacher Award (2008 & 2018) presented by “Sri Vidya Mandir Arts & Science College”.
2. Best Assistant Professor Award Presented by Pearl Foundation at National Conference on “SMART SUMIT-2021” at Madurai on 19th June 2021

Invited Talk

1. Delivered a Lecture in the Inservice Training Programme for secondary grade science teachers catalyzed and supported by Tamilnadu state council for science and technology, Chennai and organized by Sri Vidya Mandir Arts & Science College on 28th August to 1st September 2017.

Extension Activities

1. Institute Nodal officer for Scholarship and fellowship. Sri Vidya Mandir Arts and Science College from 2018 onwards
2. Member of NAAC, Sri Vidya Mandir Arts and Science College.
3. Member of Board of Studies, Sri Vidya Mandir Arts and Science College.
4. Member of Swami Vivekananda Study Center , Sri Vidya Mandir Arts and Science College.
5. Camp Officer for Central Valuation, Sri Sri Vidya Mandir Arts and Science College.
6. Examiner in UG Board from 2009 to 2017.
7. Examiner in PG Board from 2017 onwards.
8. Question paper setting for Muthayammal Arts and Science College (Autonomous), Rasipuram.

(Mr. N. CHANDRASEKARAN)