

## Mrs.S.Anandhi

Assistant Professor

Department of Chemistry

Dr.Ambedkar Govt. Arts College

Chennai-600 039, Tamil Nadu, India

E-mail: anandhishanmugam252@gmail.com

### Personal Details

**Name** Mrs.S.Anandhi

**Designation** Assistant Professor of Chemistry

**Academic Qualification**

B.Sc., Chemistry	Kunthavainaachiyaar Govt Arts college, Thanjavur	2004	72.54
M.Sc., Chemistry	Rajah serfoji Govt arts college, Thanjavur.	2006	84.94
M.Phil. Chemistry	Bharathidasan University, Trichy.	2007	82.47
PhD Chemistry	Presidency College, Chennai.	Thesis Submitted	-
NET/SLET (Chemical Science)			

### Teaching Experience

• UG – 16 Years

• PG – 16 Years

College/University	Post Held	Period
R.S.G.college Thanjavur 7	Guest lecturer	01.08.2006 to 22.04.09 (3 Years)
K.N.G.A. College(w) Thanjavur 5	Assistant professor	09.07.2009 to 27.06.2013
Dr.Ambedkar Govt arts college Vyasrpadi ,chennai 39	Assistant professor Selection Grade	28.06.13 to till date

### Area of Specialization

• Organic Chemistry, Polymer Chemistry, Nano Chemistry

### Research Supervisor

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• Guiding Ph.D Scholars

Nil

• Guided M.Phil., Projects – 02

## Research Activities

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- Minor Research Project

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## Membership in Professional Bodies

Nil

## Author for Books

Nil

## Board of Studies

Nil

## Doctoral Committee Member

Nil

## Viva Voce Examiner

Nil

## Publications

- International/National Journals

International Journals - 02

- International/National Conference Proceedings

International proceedings -01

1. "Synthesis and Characterization of Niobium Oxide Nanoparticles, Polyindole and Nb<sub>2</sub>O<sub>5</sub>/Polyindole Nanocomposites", S. Anandhi, D. Keerthika, M. Leo Edward and V. Jaisankar, Asian J. Chem, 2020, 32, 653, doi:10.14233/ajchem.2020.22397.

2. "Synthesis, characterization and antimicrobial activity of polyindole/ZrO<sub>2</sub> Nanocomposites", S.Anandhi, M. Leo Edward and V. Jaisankar, Material Today's Proceedings, 2021, 40, S93, doi:10.1016/j.matpr.2020.04.068.
3. "Polyindole/Tungsten Oxide (PIn/WO<sub>3</sub>) Nanocomposites for Biomedical Applications", Anandhi S, Leo Edward M and Jaisankar V. , Proceedings of the "International Web Conference on Recent Trends in Scientific Research" ISBN NO: 978-81-948053-1-1.

## Paper Presented in Conference / Workshop

1. "Synthesis, Characterisation and Applications of Zirconium Oxide Nano Particles, Polyindole and ZrO<sub>2</sub> / Polyindole Nano Composite" on August 11, 2018 held at Entomology research institute, Loyola College, Chennai – 600034.
2. "Synthesis and Characterization of Zirconium Oxide Nanoparticles for biomedical application" on 5th and 6th September held at PG & Research Department of Chemistry, Arignar Anna Government arts College, Cheyyar-604407, Tamil Nadu.
3. "Synthesis, Characterization and Antimicrobial Activity of Polyindole/ZrO<sub>2</sub> nanocomposites" on February 19-21, 2020 at SRM Institute of Science and Technology Kattankulathur, Chennai, Tamil Nadu, India.
4. "Polyindole/Tungsten Oxide (PIn/WO<sub>3</sub>) Nanocomposites for Biomedical Applications" on August 1st 2020 at PG and Research Department of Chemistry, DrAmbedkar Government Arts College, Vysarpadi, Chennai 600039, Tamil Nadu, India.
5. "Synthesis, Characterization of Tungsten Oxide Nano Particle, Polyindole and Polyindole Tungsten Oxide Nanocomposites".on 22nd August 2019 at Department of Chemistry Anna Aadarsh College for Women, Chennai, Tamil Nadu.

## Participation in Conference / Workshop

1. "International Conference On Advancements and Challenges in Chemical Sciences" (ICACCS – 2018) on 2th and 3th February, 2018 held at PG & Research Department of Chemistry, Pachaiyappa's College, Chennai-600031, Tamil Nadu.
2. "One day Preconference Tutorial Workshop on "Recent Trends in micro Fluidics, Lab-on-a Chip and Nano Biosensors" (ICORTAC – 2018) on 14th March 2018 held at Department of Analytical Chemistry, University of Madras, Gundy Campus, Chennai-600025, Tamil Nadu.
3. "MSNPs for Cancer Therapy" on 18th May, 2020, held at C Abdul Hakeem college of Engineering & Technology, Melvisharam, Tamilnadu.
4. "Top Notch On Proposal Writing" on 28th May, 2020, held at Chellammalwomens college , Chennai-32
5. "Fundamental Concepts in Physical Chemistry and Online Help" on 22May, 2020, held at Dept of chemistry, SRMIST, Ramapuram, Chennai, Tamil Nadu.
6. "Smart Topics in Chemistry" on 1th and 2th June 2020, held at Govt Arts college, Trichy-22 Tamil Nadu.

7. “Nanomaterials - Remedy for Environmental Issues” on 5th June 2020. held at Department of Chemistry. Justice Basheer Ahmed Sayeed College for Women.
8. “ Organic Synthesis - Synthon approach ”on 16, June, 2020, held at the Post Graduate and Research Department of Chemistry, Dr. Ambedkar Government Arts College, Vyasarpadi, Chennai.
9. “The GUT – Microbome - Brain Axis” on 24th June 2020 held at Department of Chemistry, B. S. Abdur Rahman Crescent Institute of Science and Technolog

### Refresher and Orientation Courses

S.No	Organisers	Name of the Course	date	venue
1	UGC Academic staff college, University of madras Chennai	Orientation Course	09.07.2009 to 05.08.2009	Madras University , Chennai
2	UGC Academic staff college, BharadhidasanUniversity Trichy	Refresher Course in Chemistry	01.12.11 to 21.12.2011	Academic staff college Trichy
3	UGC Academic staff college, University of madras Chennai	RefresherCourse in EVS	07.07.15 to 27.07.15	Madras University, Chennai
4.	UGC Academic staff college, University of madras Chennai	RefresherCourse in Chemistry	23.08.18 to 12.09.18	Madras University, Chennai
5.	UGC-HRDC, Tirupati	<b>Refresher course</b> on “Health management	16.08.21 to 28.08.21	Tirupati University, Tirupati

### Additional Responsibilities

Acted as

- overall college admission committee member during 2010 to 2012

. Mentor for UG and PG students

### Awards

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