

CURRICULUM VITAE

Dr. E.Anuja
Assistant Professor,
Department of Chemistry,
Anna University, BIT Campus, Trichy.
Mail: anuja@aubit.edu.in, anuja.tau@gmail.com



➤ **Research Area:**

- Environment Chemistry, Material Science, Phytochemistry, Nanomaterials.

➤ **Educational Qualifications:**

Qualification	College/University	Year of completion	Percentage	Class
Ph.D. (Chemistry)	Anna University	2019		
M.Phil.	Bharathidasan University	2008	81.2	I Class with Distinction
M.Sc., Chemistry	Bharathidasan University	2006	79.26	I Class with Distinction
B.Sc., Chemistry	Bharathidasan University	2004	76.34	I Class with Distinction

Experience: (chronological order)

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
Anna University, BIT Campus, Trichy.	Assistant Professor	2010	Till date	13
Anna University, Trichy	Lecturer	2009	2010	1
Valivalam Desikar College, Nagapattinam.	Lecturer	2006	2009	3

➤ **Additional / Academic Responsibilities at University:**

1. First Year Additional Coordinator 2022 - till date.
2. Cultural coordinator: 2010-2011.
3. Women Empowerment cell coordinator: 2011-2012.
4. Quality Improvement cell coordinator: 2014 – till date.

➤ **Membership of Scientific and Professional Societies:**

1. Life Membership in Indian Council of Chemists.
2. Life Membership Materials Research Society of India (MRSI).

➤ **Publications:**

a. Books / book chapters:

1. Dr.E.Anuja, Dr.S.Rajeswari, Dr.K.Ramesh,"Research Contribution of IOT in Environment Science based on Web of Science Database", 'The Opportunities Of Uncertainties: Flexibility and Adaptation needed in current climate Volume II (ICT and Engineering) - Lulu Publication -United States- 2021. ISBN: 978-1-300-39582-9.
2. Advances in Applied Chemical Science and Materials Technology ISBN: 978-93-81521-46-5.

b. International Journals:

- Anuja E, 2022, Pure and Al-Bi Co-doped SnO₂ nanoparticles as bacterial growth inhibitors, Journal of Toxicological and Environmental Chemistry, Vol.104, No.2.
- Anuja.E, 2021, Fabrication, Structural, Optical, Electrical Properties and Influence of Complexing Agents on Ternary CuZnS₂ Thin Film, Asian Journal of Chemistry, Vol. 33, No. 11.
- Anuja E, 2018, 'Effect of complexing agents: investigations on structural, morphological, topographical and optical analysis of copper iron sulphide thin films deposited by chemical bath deposition method', Journal of Materials Science: Materials in Electronics, ISSN: 0957-4522. (Impact Factor: 2.324).
- Anuja E, 2019,'Effect of complexing agent: Comparative study of copper based ternary thin films by chemical bath deposition technique', Journal of Indian

Chemical Society', (Impact Factor: 0.158). Anuja.E, 2020,' Research and Development Indicators for Mapping of Thin Film for Solar Cell Fabrication Research Output on Web of Science Database', Journal of Interdisciplinary Cycle Research.

- Anuja.E, 2020' Nanomaterials for Photocatalytic dye degradation: A Scientometric Assessment', Science, Technology and Development Journal Interdisciplinary Cycle Research..
- Anuja.E, 2020' Nanomaterials for Photocatalytic dye degradation: A Scientometric Assessment', Science, Technology and Development Journal.

➤ **List of Seminar / Short Term Course /FDP/ Workshop organized:**

- Workshop on Writing up for Thesis and Publications, P.S.G. College, Coimbatore, 4-5 September 2010.
- National symposium on Recent trends in Nano science and Technology, Anna University of Technology, Trichy, 9th September 2010.
- Workshop on Sustainable Municipal solid waste Management, Anna university of Technology, Trichy, 4th October 2010.
- National seminar on societal Implication of Nano science and Technology, Ann University of Technology, Trichy, 23rd December 2010.
- National Conferences on Recent trends in Renewable Energy sources for sustainable development, Anna university of Technology, Trichy, 22-23 Feb, 2011.
- Awareness programme for Teachers on Heuristic Approach in Teaching, Anna University of Technology, Trichy, 29th March 2011.
- Workshop on preparation, characterization of crystalline materials and their Applications, Anna University, Chennai, 16 -17 July 2012.
- National seminar on Novel Materials, Shivani Engineering College, Trichy, 8-Mar 2013.

- Lecture Workshop on Photo catalysis for sustainability: Fundamentals and Application, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, 9th Oct 2013.
- Seminar on Research paper, Dissertation and project proposal preparation at Bharathidasan institute of Technology, Anna University, Tiruchirappalli on
- 14th February, 2014.
- UGC-Sponsored National Seminar on Recent Trends in Crystal Growth and Nano Materials at PG & Research Department of Physics, National College (Autonomous), Tiruchirappalli on 7-9 August, 2014.
- TEQIP II Sponsored Two days Lecturer Workshop on “Chemistry for Sustainable Green Environment”, Bharathidasan Institute of Technology, Anna University, Trichirappalli on 11-12 March 2016.
- National level training program on Thesis Writing, Bharathidasan University, Trichy on 30.10.17 to 03.11.2017.
- Webinar on “Open Educational Resources, Knowledge Management and Organizational Culture in Libraries” on May 29-30, 2020 hosted by Central Library, UCE, BIT Campus, Anna University, Tiruchirappalli.
- Webinar on “Materials Science in the topic of Development modern engineering materials” 25th May 2020, Organized Department of Physics, Mookambigai college of Engineering, Pudukkottai.
- Webinar on “Startups: Funding and Investment”, 24th May 2020, Organized by ICED Bharathidasan University, Trichy
- Webinar on “Materials Science in the topic of Development of single crystals for Frequency conversion Application” 24th May 2020, Organized Department of Physics, Mookambigai college of Engineering, Pudukkottai.
- Webinar on” Application and utilization of Electrochemistry”, 06 June 2010, Organized PG Department of Chemistry, Arignar Anna Government Arts College, Attur.

- Webinar on “Green Chemistry and Green Engineering - A Unique for solution for Industrial Disasters” 17th May 2020, Green Chemistry Centre, PES University, Bangaluru, Organized, Department of Science and Humanities (Chemistry), Kings College of Engineering, Punalkulam, Pudukkottai.
- Webinar on ‘Role of TVET Schools in Bridging the Gap in Workforce Development’ on May 8, 2020, Colombo Plan Staff College.
- Webinar on ‘Topic Effective conduct of Online Classes’ on May 8, 2020, Eshwar College of Engineering, Coimbatore.
- Webinar on ‘Supervision and Monitoring of Teaching Processes of TVET Teachers’, on May 7, 2020, Colombo Plan Staff College.
- Webinar on ‘Principle and Application of Electronic Spectroscopy’ on May 7, 2020, Annai College of Arts & Science, Kumbakonam.
- Webinar on ‘Redefining Learning Spaces - Change Agent in Educational Ecosystem’, on May 6, 2020, Colombo Plan Staff College.
- National Level Online programme on ‘Digital Learning Resource’, on May 2, 2020, Shree L.R.Tiwari College of Engineering, Thana, Maharashtra.
- **List of Seminar / Short Term Course /FDP/ Workshop attended:**
 - **UGC-Sponsored Refresher Course in Chemistry** at Academic Staff College, Bharathidasan University, Tiruchirappalli from 20-09-2019 to 03-10-2019.
 - **National level Training Programme on Thesis Writing**, at Centre for Technical and Academic Writing, Bharathidasan University, Trichy on 30.10.17 to 03.11.2017.
 - **Faculty Development Programme** on Learning Improvement Techniques, IIT Madras from 28th to 30th January 2016.
 - **UGC-Sponsored Refresher Course in Chemistry** at Academic Staff College, Bharathidasan University, Tiruchirappalli from 28-01-2015 to 17-02-2015.
 - **FDP on Current Developments in life science**, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, 19-25 August 2013.
 - **UGC-Sponsored Orientation Program** at Academic Staff College, Bharathidasan University, Tiruchirappalli from 6-11- 2013 to 3-12-2013.

- **One Week National Level Online Faculty Development Program on Innovation to Academicians conducted from 11-05-2020 to 16-05-2020**, Ramachandra College of Engineering, Eluru.
- **One week Online Faculty Development Program on “Challenges and Opportunities in Recent Emerging Technologies”** held from 6 to 10th July 2020, TEQIP-III Sponsored Shri Guru Gobind Singhi Institute of Engineering & Technology, Nanded, Maharashtra (India).
- **Five Day National Level online course on “Chemistry in our Day-to-day Life “**held from 4 to 8th June 2020,Conducted DBT star college scheme by the PG Research Department of Chemistry, Jamal Mohamed College,Trichy.
- **One week Workshop on “Materials Technology Advancement in current scenario”**, 4th to 10th July 2020 Organized by the Department of Physics, Sathyabama Institute of Science and Technology, Chennai.
- 20 days internship programme in the 1st virtual summer school on “Nanoscience and Nanomaterials” organized by the National Centre for Nanoscience and Nanotechnology, **University of Madras** from 10th July, 2020 to 30th July. 2020.
- Faculty Development programme on “Latex course material provide by Spoken Tutorial Project”, 10.08.2020 to 14.08.2020 Organized by University College of Engineering, BIT Campus, Trichy.
- **Two-week Online Faculty Development Programme on “ ICT Tools for Teaching, Learning Process and August, 2020 under the “Scheme of Financial assistance for setting up of Electronics and ICT ademies”**of the Ministry of Electronics and Information -21th Institute” jointly organized by Electronics and ICT Academies held from Technology (MeitY), Government of India.
- **National / International Conferences organized / Participated:**
 - TEQIP II National Seminar on “Modern trends in Chemistry, 17-18 Dec, 2013 at Department of Chemistry, Bharathidasan Institute of Technology, Anna University, Trichirappalli-620024.
 - One Day Workshop on Environment Conservation and substaibility-The need of the hour on 6 march 2020,Department of Chemistry, Anna University, BIT Campus Trichirappalli-620024

- International Virtual Conference on "Super capacitors and Batteries for Future Avenues (ICSBFA-2020)" conducted during 8- 9th, September 2020 at Bharathidasan University, Tiruchirappalli-620024.

(B) Guest lectures delivered:

- Delivered a Lecturer on "Material & Characterization Techniques" Sri Bharathi Arts & Science and College for women.Pudukkottai.
- Delivered a Lecturer on "Universal Human values", Department of Civil Engineering, UCE, Anna University, BIT Campus, Trichy.

DECLARATION:

I certify that the information furnished above is correct and true to the best of my knowledge and belief.

Signature of the staff member

Head of the Department

Dean