



TAGORE ENGINEERING COLLEGE

(A Member of Tagore Group of Institutions Chennai)

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

ACCREDITED BY IQAC-NAAC WITH 'A' GRADE

FACULTY PROFILE

PERSONAL DETAILS			
Name & Qualification	Dr. S. H. ANJANA LAKSHMI, M.Sc., Ph.D		
Designation	Senior Assistant Professor		
Department	Science and Humanities		
Total Teaching Experience	2 years		
Total Research Experience	14 years		
Total Industry Experience	2 years		
Area of Specialization	Anti- tumour drugs		
AICTE Faculty ID	1-11315002648		
Email ID	drshanjanalakshmi.chem@gmail.com		
EDUCATIONAL DETAILS			
Degree	Branch/ Specialization	University	Year
UG	Chemistry	University of Madras	2006
PG	Applied chemistry	CEG, Anna University	2008
Ph.D	Applied chemistry	University of Madras	2020
RESEARCH / PUBLICATION DETAILS			
Publications in Journal			
1. S. H. Anjana Lakshmi “2,2'-((1E,1'E)-(cyclohexane-1,4-diylbis(azanylylidene))bis(ethan-1-yl-1-ylidene)) diphenol” . E69, o1593,(2013). 2. S. H. Anjana Lakshmi “Synthesis, characterization, DNA binding and cleavage of new symmetrical acyclic copper (II) complexes”. International Journal of Innovative Research in Science & Engineering, ISSN (Online) 2347-3207, (2014). 3. S. H. Anjana Lakshmi “ The Cytotoxic Activity of the new unsymmetrical and symmetrical “ End-off” Copper Complexes in A549 cell line” International journal of Scientific Research, 4, (5) ISSN (Online) 2277 – 8179. (2015).			

4. S. H. Anjana Lakshmi "Side-off"- Schiff base Copper Complexes: Synthesis, characterization and cytotoxic activity in A549 cell line", Asian journal of Chemistry".30,12, 2777 – 2780, (2018).
5. S. H. Anjana Lakshmi "Template method synthesis of the schiff base- mononuclear copper and nickel complexes and its electrochemical and cytotoxic studies". Rasayan journal of Chemistry. (Communicated)

Conference Proceedings

1. S. H. Anjana Lakshmi National conference on popularization of chemical sciences [NCPC – JAN 2012] presented Oral Research Paper entitled – "Electrochemical and DNA binding and cleavage studies of new novel symmetrical binuclear complexes". Held at Guru nanak College
2. S. H. Anjana Lakshmi International conference on biological inorganic chemistry [ICBIC – FEB 2013] Presented poster entitled – "Synthesis, characterization, DNA binding and nuclease activity of new symmetrical acyclic copper (II) complexes." Held at Periyar University.
3. S. H. Anjana Lakshmi National conference on green processes and nano materials [NCGPNM – JAN 2014] Presented Oral Research paper entitled – "Synthesis of new novel symmetrical binuclear Cu(II) complexes: and their electrochemical and chemical nuclease activity" Held at Hindustan University.
4. S. H. Anjana Lakshmi International conference on advances in new materials [ICAN – JUN 2014] presented poster research paper entitled – "Synthesis, characterization, DNA binding and cleavage of new symmetrical acyclic copper (II) complexes." Held at University of Madras.
5. S. H. Anjana Lakshmi Recent Advances in Chemistry and Environment [RACE – NOV 2014] presented Oral paper entitled - "Synthesis of the new "SIDE-OFF" Macrocyclic unsymmetrical copper (II); Characterization, electrochemical, DNA binding and cleavage studies and its cytotoxicity potential." Held at SRM University.
6. S. H. Anjana Lakshmi Chemical Research society of India [17TH CRSI – FEB 2015] Presented oral Research paper entitled – "Synthesis and characterization of New binuclear Cu(II) complexes and its DNA binding and cleavage studies." Held at NCL – Pune.

Books / Chapters Published

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Fund Received

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Patent Applied / Published/Granted		
-		
CITATIONS	110	
H-INDEX	5	
RESEARCH GUIDANCE DETAILS		
Sl.No	University	Supervisor ID / Reference
1	Anna University, Chennai	-
2	Number of UG Scholars Guided	-
3	Number of PG Scholars Guided	5
4	Number of Ph.D. Scholars Guided	-
5	Number of Ph.D. Scholars Pursuing	-
PROFESSIONAL SOCIETY MEMBERSHIP DETAILS		
Sl.No	Professional Society Name	Member ID
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