C. ABDUL HAKEEM COLLEGE OF ENGINEERING AND TECHNOLOGY
Hakeem Nagar, Melvisharam-632 509

FACULTY PROFILE

Name	Dr.R.Thangaraj				
Gender	Male	**Date Of Birth**	21.09.1982	**Age**	37
Present Designation	Assistant Professor		**Regular / Adjunction**	Regular	
Date of Joining	11.07.2016				
Mobile No.	9944650845		**Email**	thangaraj.chem@cahcet.edu.in	
Highest Educational Qualification	Ph.D		**Specialization**	Chemistry	
Additional Qualification	GATE/NET/SLET	Nil			
Total working Experience	5 years	(i) Teaching : 5 years (ii) Industry : Nil			

Publications	**Journals**	10	**International Journals**	9	**National Journals**	1
	Conferences	20	**International Conferences**	15	**National Conferences**	5

No. of Patent	Nil
No of Workshops/Seminars/Conferences/ FDP attended	FDP: 10
No of Workshops/Seminars/Conferences/ FDP organized	Workshop: 1
No of UG / PG / Ph.D Guidance:	UG: Nil PG: Nil
Membership in Professional Bodies	Nil
Awards / Recognition Received	1. CSIR – Senior Research Fellow 2. Best Research Award – VIT 2012
Other Responsibilities, if any	Reviewer for various journals Analytical Methods (RSC)

JOURNAL DETAILS

INTERNATIONAL JOURNALS

1. A.S.Kumar, R.Shanmugam, S.Nellaiappan, **R.Thangaraj**, Tea quality assessment by analyzing key polyphenolic functional groups using flow injection analysis coupled with a dual electrochemical detector, ***Sensors and Actuators B***, 2016, 227, 352-361. (*Impact factor*: 6.393)
2. **R.Thangaraj**, S.Nellaiappan, R.Sudhakaran, A.Senthil Kumar, A flow injection analysis coupled dual electrochemical detector for selective and simultaneous detection of guanine and adenine, ***Electrochim. Acta* 2014**, 123, 485-493. (*Impact factor*: 5.383)
3. **R.Thangaraj**, A. Senthil Kumar, Simultaneous detection of guanine and adenine in DNA and meat samples using graphitized mesoporous carbon modified electrode, ***J. Solid State Electrochem.* 2013**, 17, 583-590. (*Impact factor*: 2.531)
4. **R.Thangaraj**, M.K.Mufeedah, A.Senthil Kumar, Electrochemical sensor for the detection of dopamine in the presence of ascorbic acid in neutral pH on graphitized nanoporous carbon modified glassy carbon electrode, ***Advance Materials Research,* 2012**, 584, 334-338, Trans tech publications, Switzerland.
5. **R.Thangaraj**, N.Manjula, A.Senthil Kumar, Rapid simultaneous electrochemical sensing of tea polyphenols, ***Anal. Methods* (RSC) 2012**, 4, 2922-2928. (*Impact factor*: 2.378)
6. **R.Thangaraj** and A. Senthil Kumar, Gaphitized mesoporous carbon modified glassy carbon electrode for effective sensing of xanthine, hypoxanthine and uric acid, ***Anal. Methods* (RSC) 2012**, 4, 2162-2171. (*Impact factor*: 2.378)
7. **R.Thangaraj**, S.K.Sekar, S.Guhanathan, Preparation and characterization of Poly (methyl methacrylate) based Core/shell particles. ***Compos. Interfaces* 2010**, 17, 159-163. (*Impact factor*: 0.701)
8. G.R.Viswanath, **R.Thangaraj**, S.Guhanathan, Thermomechanical and electrical studies on Epoxy/hyperbranched polyester interpenetrating polymer Network. *Int.* ***J. Polym. Anal. Charact.* 2009**, 14, 493-507. (*Impact factor*: 1.487)
9. S.Karpagam, **R.Thangaraj**, S.Guhanathan, Functional modification of poly(vinyl alcohol) through phosphorus containing nitrogen heterocyclic moities. ***J. Appl. Polym. Sci.*, 2008**, 110, 2549-2554. (*Impact factor*: 2.188)

NATIONAL JOURNALS

1. **R.Thangaraj,** A.Senthil Kumar, Simultaneous differential pulse voltammetric analysis of guanine and adenine using graphitized carbon nanofibers modified electrode, ***J. Indian Chem. Soc.*** 2015, 92, 493-496.