



Government of Puducherry
Tagore Government Arts and Science College
 Accredited at "A" Grade by NAAC
Puducherry – 605008



Faculty Profile

1	Name		:	Dr. Ajay Kumar Gupta	
2	Designation		:	Assistant Professor	
3	Employee ID		:	R20180096	
4	Date of Birth		:	12/02/1985	
5	Date of Joining in Regular Service		:	07/02/1985	
6	Mobile Number/ Phone number		:	9440011590	
7	e-mail id		:	ajaychem1@gmail.com	
8	Academic Record		:		
	Degree	Branch	University		Class
	M.Sc.	Chemistry	Dr. B.R. Ambedkar University, Agra		First
	Ph.D.	Chemistry	Jiwaji University, Gwalior		NA
9	Awards/ Fellowships			:	
	Name of the award/ Fellowship		Year	Agency	
	JRF Fellowship by DRDE (DRDO)		2008	DRDE (DRDO)	
	Dr. D.S.Kothari Postdoc Fellowship		2013	UGC	
	Travel grant for South Korea (Project Grant INT/KOREA/P27)		2016	Department of Science and Technology	
	Best Research Paper Award		2010	DRDE (DRDO)	
	CSIR-NET (National Eligibility Test - CSIR)		2008	CSIR	
	NCC 'B' Certificate		2000	Dy Director General NCC	
	Best poster presentation award in international conference "15th ISEAC"		2015	Changchun Institute of Applied Chemistry, China	
	Best poster presentation award in international conference "NanoSciTech"		2014	Panjab University	
10	Publications			:	In Vancouver style
	Yarram Narsmha Reddy, Tenkayala Navya Kumari, Pradeep Kumar Thota, Perla Jyothi, Ajay Kumar Gupta. Chemoenzymatic total synthesis of crytocaryalacton natural products. Tetrahedron Letters (Impact factor 2.193), ISSN : 0040-4039, Vol. 59, Issue 2, Page No. 160-162, January 2018. DOI: https://doi.org/10.1016/j.tetlet.2017.12.014				
	Ajay Kumar Gupta, V. K. Rao, D. T. Selvam. Electrochemical study of biophysical interaction of Brucella abortus antigen. International Journal of Scientific Development and Research (Impact factor 5.47), ISSN : 2455-2631, Vol. 2, Issue 4, Page No. 43-53, April 2017 DOI: http://www.dx.doi.org/10.6084/m9.figshare.4833440				
	Ajay Kumar Gupta, V. K. Rao, D. T. Selvam. Biophysical study of Brucella abortus on electrochemical platform. International Journal of Scientific Development and Research (Impact factor 5.47), ISSN : 2455-2631, Vol. 2, Issue 4, Page No. 54-67, April 2017 DOI: http://www.dx.doi.org/10.6084/m9.figshare.4833437				
	Ajay Kumar Gupta, Chanchal K. Mitra. Simple and sensitive electrochemical impedimetric approach				

	towards analysis of biophysical interaction. Biochemical and Biophysical Research Communications (Impact Factor 3.14), Vol. 465, ISSN: 0006-291X, Page no. 471-475, 2015		
	Ajay Kumar Gupta, V. K. Rao, D. T. Selvam, Ashu Kumar, Rajeev Jain. Amperometric immunosensor of Brucella abortus CE-protein antigen shows post-zone phenomena. Journal of Electroanalytical Chemistry (Impact Factor 2.83), ISSN: 1572-6657, Vol. 717-718, Page no.83-89, 2014.		
	Srinivasan Suresh, Ajay Kumar Gupta, Vepa Kameswara Rao, Omkumar, R. Vijayaraghvan. Amperometric immunosensor for ricin by using on graphite and carbon nanotube paste electrodes. Talanta (impact factor=4.035). ISSN: 0039-9140, 81, 703-708, 2010.		
	Srinivasan Suresh, Manish Gupta, Ajay Kumar Gupta, Vepa Kameswara Rao, Omkumar, Partha Ghosal. Synergic effect of multi walled carbon nanotubes and Gold in Immunosensing of Ricin with carbon nanotube/gold/chitosan nanoparticle modified screen printed electrode. Analyst (impact factor=4.23). ISSN: 1364-5528, Vol. 137, 4086-4092, 2012.		
	V. K. Rao, S. Suresh, M. K. Sharma and Ajay K. Gupta. Carbon Nanotubes - A Potential Material for Affinity Biosensor, Carbon Nanotubes- Growth and Applications, Page No. 163-188, ISBN 978-953-307-566-2, DOI: 10.5772/16836, Dr. Mohammad Naraghi, Intech publisher (UK) (2011).		
	V. K. Rao, Sanjay Upadhyay, M. K. Sharma, S. Suresh, Ajay K. Gupta. Utilization of Semiconductor Nanomaterials for Electrochemical Biosensors, Future Trends and Perspectives. Encyclopedia of Semiconductor Nanotechnology, Vol. 7, Page No. 1-44, ISBN 1-58883-199-X, Ahmad Umar, American Scientific Publisher (USA), January 2017.		
	Murthy Chavali, Ajay Kumar Gupta, K. Maria Das, B. Sumalatha, A. T. Vasu, Divya Shruthi. An overview of sensing formaldehyde and evaluation of graphene oxide as sensing material (Paper ID: Abstract-222, page no. 168, ISBN: 978-93-82829-140), International conference on 'Trend setting innovations in chemical sciences & technology-Nature inspired chemistry & engineering" (TSCST-NICE 2016), organized by Centre for Chemical Sciences & Technology, Institute of Science & Technology, JNTUH, Hyderabad during 4th - 6th October 2016.		
	Murthy Chavali, Ajay Kumar Gupta, Krishna Chaitanya Etika. Nanotechnology education in India. Nanodigest, (May, 2016) Page No. 16-22.		
11	Membership in Professional bodies	:	Nil