

## CURRICULUM VITAE

**NAME** : MR. T. ANTONY DIWAKARCHANDRAN

**Designation** : Head, Department of Biochemistry

**Qualification** : M.Sc ,M.Phil, PGDBI , SET, NET(CSIR),

Date of Birth and Age: 20 -06-1976 & 42 Years

Area of Specialization : Molecular Biology,  
Immunology

**Date of Appointment: 26-06-2000**

**Teaching experience** : 18 Years

Nationality : Indian

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### Positions Held:

1. Served as the additional chief superintendent for semester exams for the 2008-09 at St. Joseph's College, Trichy.
2. Served as the Head of the Biochemistry Department, St. Joseph's College, Trichy, for 3 months (March to May 2011).
3. Serving as the MQC coordinator for the Biochemistry Department of our college, for the past 10 Years.
4. Served as the member, PG Biochemistry Board of studies, Alagappa University, 17 June 2014.
5. Served as member, Board of studies, Food science, St. Joseph's college, Trichy , 2011

### Books authored

Book Title	Publisher	Edition	ISBN	Year
Lab Manual for Electrophoretic Techniques,for UG students of Chemistry (DBT-STAR College Program)	-Private circulation	1	0	2016
Hand Book on Laboratory Animal Handling - Rats and Mice	-Private Circulation	1	0	2016
Laboratory manual on Biochemical techniques -5 days internship program for UG students of Biochemistry	-Private circulation	1	0	2017

### Other Academic works

Co-editor – Joseph’s International Journal of Biological Sciences. ISSN No: 2278-6570

### Projects Held

**TNSCST sponsored Minor Project – (2009 -10 )**  
**Amount Granted- Rs.10, 000/-**  
**Title – Analysis of stress parameters during salt stress in *Allium cepa*.**

### Research papers published:

1. Published a paper on “The protective effect of *Morindacitrifolia* juice on Iron induced Hepatotoxicity in male albino rats”, in Joseph’s International Journal of Biological Sciences, Volume -1 :2012
2. Published a research review on “The Cytokines and their therapeutic applications” in Joseph’s International Journal of Biological Sciences, Volume -1:2012
3. Published a paper on “The antibacterial activity of *Aegilesmarmelos* and *Clitoriaternatea* against selected urinary tract pathogens”, in Joseph’s International Journal of Biological Sciences, Volume -1 :2012
4. Published a Paper on “A comparative study on the effects of ethanolic and aqueous extracts of *Psidiumguajava* fruits in hyperlipidemic rats” in RETEL 2015.
5. Published a Paper on “A comparative study on the effects of ethanolic and aqueous extracts of *Premnaserratifolia* leaves in hyperlipidemic male albino rats” in RETEL2016.

**Papers presented:**

1. Presented a paper on “Antidiabetic activity of *Tinosporacardifolia* leaf extract on alloxan induced diabetes mellitus in male albino rats” in an international conference organized at Holy cross college, Trichy , in the month of March 2003.
2. Presented a paper on “Synthesis and characterization of silver nanoparticles using extracts of *Agaricus bisporus* and screening for their antibacterial potential” in a national conference organized by Jamal Mohamed college , Trichy in the month of February 2015.

**Resource Person:**

Type of Programme	Title	Beneficiaries	Days	Date
State level workshop	`Histological techniques` (HITECH`12)	Staff and students from Tamil nadu	1	2012-09-28
Workshop	State level workshop on Histopathological techniques	PG and UG students	2	2014-09-28
Customized workshop	Histopathology	Research scholars of Annamalai University	1	2014-11-28
Customized workshop	Electrophoresis	Holy cross college , Trichy	1	2014-12-09
UGC sponsored National seminar	Clinical research	UG, PG and research scholars	1	2015-01-21
DBT STAR College Program	Workshop on Electrophoretic techniques	UG Students of Chemistry Department , SJC,Trichy	1	2016-02-17
Invited talk	Gel Electrophoresis	Biochemistry students of KSR college, Thiruchengode	1	2015-10-10
Coaching	Coaching classes for	PG students of life sciences	2	2015-10-

students for CSIR exam	CSIR Life sciences			07
Workshop	Laboratory Animal handling	Researchers and PG students of Biology discipline	2	2015-09-28
Invited talk	Advanced instrumentation technology	UG and PG students of Biochemistry department , Dhanalakshmi, Srinivasan college of arts and science for women	1	27 July 2016

### Conferences / Workshops attended

Title	Type	Organization name	Place	Days	Date
National seminar on clinical research	Conference	Department of Biochemistry , St.Joseph's College	Trichy	01	21-01-2015
Science Academies` Lecture workshop on Bioprospecting and Bioresources	Conference	PG and Research Department of Botany , St.Joseph's College	Trichy	02	10&11-02-2016
International scientist meet	Seminar	Department of Biotechnology, St.Joseph's College	Trichy	01	15-12-2015
Dr. V.Balakrishnan Memorial Lecture,	Seminar	Department of Biotechnology, St.Joseph's College	Trichy	01	05-03-2015
National workshop on Statistical methods in Biological Research	Workshop	PG & Research department of Biochemistry , St.Joseph's College	Cuddalore	01	24-02-2016
Workshop on Green synthesis of nanoparticles	Workshop	Departments of Biochemistry and Biotechnology , St.Joseph's college	Trichy	01	11-07-2016
Workshop on Electron Microscopy	Workshop	Departments of Biochemistry and Biotechnology , St.Joseph's college	Trichy	01	25-07-2016
Workshop on in vitro culture techniques	Workshop	Departments of Biochemistry and Biotechnology, St.Joseph's college	Trichy	01	03-08-2016
One day workshop on Ambient air quality monitoring	Workshop	Departments of Biochemistry and Biotechnology, St.Joseph's College	Trichy	01	24-08-2016
Science academies lecture workshop on Progress and	Lecture workshop	PG and research department of Botany , St.Joseph's college,	Trichy	03	04-10-2016

prospects on Biosciences					
International seminar on Frontier in Biological sciences	Seminar	Departments of Biochemistry and Biotechnology, St.Joseph's college	Trichy	01	16-12-2016
National seminar on global food security and the role of Biotechnology in sustainable food system and nutrition	Seminar	PG and research department of Biotechnology, St.Joseph's college,	Trichy	01	05-01-2017
National symposium on Medicinal and aromatic plants	Symposium	School of Biological sciences, St.Joseph's College,	Trichy	01	15-02-2017
International scientist meet	Seminar	Department of Biochemistry, St.Joseph's college,	Trichy	01	18-05-2017
New vistas in Biodiversity and Bioresources	Workshop	PG and research department of Botany, St.Joseph's college	Trichy	01	02-08-2017
Optical technology	Workshop	Department of Biochemistry, St.Joseph's College	Trichy	01	07-08-2017
Biogenic nano particles	Workshop	Department of Biochemistry, St.Joseph's college,	Trichy	01	12-07-2017
In vitro evaluation methods of Antimicrobial activity	Workshop	Department of Biochemistry, St.Joseph's College	Trichy	01	29-11-2017
Plant tissue culture	Workshop	Department of Biochemistry, St.Joseph's college	Trichy	01	19-09-2017
Career options and Job scenario in Life sciences	International seminar	Department of Biochemistry, St.Joseph's College	Trichy	01	23-08-2017
Workshop on challenges and opportunities in Bioinformatics	Workshop	PG department of Microbiology, Cauvery college for women,	Trichy	01	15-02-2018

### Consultancy services

**Serving as the Consultant (Consultancy services cell of Biochemistry department), for SDS PAGE, Histopathology, Immunoelectrophoresis, 2D PAGE, Soxlet separation**

### Other experience:

1. Have witnessed three rounds of NAAC visits to our college.

2. Have known to handle soft wares of MS office, and other bioinformatics softwares.
3. Known to handle techniques which include , SDS PAGE, 2D PAGE, Agarose gel electrophoresis, PCR , Immunoelectrophoresis, Immuno diffusion, Histochemical techniques.

PROF.T.ANTONYDIWAKARCHANDRAN