

**Dr.RAJA SUDHAKAR D.**

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**Qualification**

Degree	Branch	Institution / University	Year of Passing
DOCTOR OF PHILOSOPHY	BIOINFORMATICS	Jawaharlal Nehru University	2016
M.Sc	BIOINFORMATICS	Pondicherry University	2009
B.Sc	MICROBIOLOGY	Srimad Andavan Arts And Science College	2006

**Ph.D. Details**

Title of Thesis	Area of Specialization
COMPUTATIONAL STUDY OF GROWTH FACTOR RECEPTORS (EGFR) BY MOLECULAR MODELING AND DESIGN OF NOVEL INHIBITORS	HOMOLOGY MODELING, DRUG DESIGNING, MOLECULAR DYNAMICS SIMULATION
<b>Research Supervisor</b> Dr. N. SUBBARAO	<b>Research Centre</b> JAWAHARLAL NEHRU UNIVERSITY
	<b>Year of Award</b> JUNE 2016

Cleared NET / SET :	Details	Year of Passing
SET	24125405	JUNE 2018

Cleared NET / SET :	Details	Year of Passing
SET	24125405	JUNE 2018

**Additional Qualification**

Name of Course	Place of Study	Date	Duration
DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY	APGAR INST OF PARAMEDICAL SCIENCES	OCTOBER 2007	ONE YEAR
Technical Writing with LaTeX	SANATAN DHARMA COLLEGE	MAY 2021	TWO WEEKS
Programming with Scratch: Basic Level	SANATAN DHARMA COLLEGE	JUNE 2021	TWO WEEKS

## Work Experience

Name of Institution	Address of Institution	Designation	From	To
BISHOP HEBER COLLEGE	BISHOP HEBER COLLEGE, VAYALUR ROAD, TRICHY - 620017.	ASSISTANT PROFESSOR	20-06-2016	TILL DATE

## Teaching / Research Experience

**U.G. :** 07 YEAR      **P.G. :** 07 YEARS      **M.Phil.**      **Ph.D.**



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2.	<b>Research Papers Presented</b>	0
3.	<b>Publication in Journals</b>	7
4.	<b>Publication in Books</b>	0
5.	<b>Books Published / Edited</b>	0
6.	<b>Conferences / Workshops / Seminars Organised</b>	3
7.	<b>Research Projects</b>	1
8.	<b>Resource Person</b>	0
9.	<b>Consultancy</b>	0
10.	<b>Awards Recieved</b>	0
11.	<b>Patent</b>	0
12.	<b>Extension Activities Undertaken</b>	0
13.	<b>Professional Membership</b>	0
14.	<b>M.Phil. / Ph.D. Produced</b>	0 / 0

### CONFERENCES / WORKSHOPS / SEMINARS ATTENDED

- 2

1. International level Conference on "**CHAL-2014**" sponsored by CHINESE ACADEMY OF MEDICAL SCIENCES organized by CHINESE ACADEMY OF MEDICAL SCIENCES at BEIJING, CHINA during 09/11/2014 to 11/11/2014.
2. International level Conference on "**CTDDR-2013**" sponsored by CSIR organized by CDRI at LUCKNOW, UP during 26/02/2013 to 28/02/2013.

1. **"In-silico designing of a potent analogue against HIV-1 Nef protein and protease by predicting its interaction network with host cell proteins"** published in Journal of Pharmacy and Bioallied Sciences (PEER REVIEW) Vol. , Issue No. , January 1900 ISSN : ---.
2. **"Bacterial-induced expression of RAB18 protein in Orzya sativa salinity stress and insights into molecular interaction with GTP ligand"** published in Journal of Molecular Recognition (PEER REVIEW) Vol. , Issue No. , January 1900 ISSN : ---.
3. **"Insight into the Effect of Inhibitor Resistant S130G Mutant on Physico-Chemical Properties of SHV Type Beta-Lactamase: A Molecular Dynamics Study"** published in Plos One (PEER REVIEW) Vol. , Issue No. , January 1900 ISSN : ---.
4. **"In silico screening for novel inhibitors of DNA polymerase III Alpha Subunit of Mycobacterium tuberculosis (MtbDnaE2, H37Rv)"** published in Plos One (PEER REVIEW) Vol. , Issue No. , January 1900 ISSN : ---.
5. **"Docking and molecular dynamics simulation study of EGFR1 with EGF-like peptides to understand molecular interactions"** published in Molecular BioSystems (PEER REVIEW) Vol. , Issue No. , January 1900 ISSN : ---.
6. **"Designing, synthesis and antimicrobial action of oxazoline and thiazoline derivatives of fatty acid esters"** published in Journal of Biomolecular Structure and Dynamics (PEER REVIEW) Vol. , Issue No. , January 1900 ISSN : ---.
7. **"In vivo anti-inflammatory activity and docking study of newly synthesized benzimidazole derivatives bearing oxadiazole and morpholine rings"** published in Bioorganic Chemistry (PEER REVIEW) Vol. , Issue No. , January 1900 ISSN : ---.

## Conferences / Workshops / Seminars Organised

- 3

1. International level Conference Entitled **"PROSPECTS OF BIOSCIENCES IN TRANSDISCIPLINARY RESEARCH – 2020 (PBTR)"** at TIRUCHIRAPPALLI, sponsored by BHC MANAGEMENT, during 21/01/2020 to 22/01/2020.
2. College level Workshop Entitled **"VARIANT ANALYSIS OF NGS DATA USING GALAXY SERVER"** at TIRUCHIRAPPALLI, sponsored by BHC MANAGEMENT, during 23/01/2019 to 23/01/2019.
3. National level Conference Entitled **"CAMB-2017"** at TRICHY, sponsored by DST, during 03/02/2017 to 03/02/2017.

## RESEARCH PROJECTS

- 1

1. Minor project entitled **"In silico prediction of potential phytochemical compounds against Aedes aegypti from the extracts of Petroselinum crispum"** (PRINCIPAL INVESTIGATOR), Sponsored by BHC MANAGEMENT, during 15/11/2019 to 3/16/2020 [Completed].

- # NATIONAL level FACULTY DEVELOPMENT PROGRAMME on **"Technical Writing with LaTeX"** Sponsored by , Organized by SANATAN DHARMA COLLEGE at AMBALA CANTT during 15/05/2021 - 24/05/2021.
- # NATIONAL level FACULTY DEVELOPMENT PROGRAMME on **"ACADEMIC WRITING"** Sponsored by MHRD, Organized by RAMANUJAN COLLEGE at NEW DELHI during 18/02/2021 - 24/02/2021.
- # NATIONAL level FACULTY DEVELOPMENT PROGRAMME on **"HIGHER EDUCATION: ROAD AHEAD DEVELOPING NEXT GENERATION ACADEMIC LEADERS"** Sponsored by MHRD, Organized by RAMANUJAN COLLEGE at NEW DELHI during 25/11/2020 - 01/12/2020.
- # NATIONAL level FACULTY DEVELOPMENT PROGRAMME on **"ADVANCED PEDAGOGICAL TECHNIQUES"** Sponsored by MHRD, Organized by RAMANUJAN COLLEGE at NEW DELHI during 29/10/2020 - 05/11/2020.
- # NATIONAL level FACULTY DEVELOPMENT PROGRAMME on **"DEVELOPMENT AND IMPLEMENTATION OF MOOCS"** Sponsored by MHRD, Organized by RAMANUJAN COLLEGE at NEW DELHI during 21/10/2020 - 27/10/2020.
- # NATIONAL level FACULTY DEVELOPMENT PROGRAMME on **"RESEARCH METHODOLOGY"** Sponsored by MHRD, Organized by RAMANUJAN COLLEGE at NEW DELHI during 01/10/2020 - 15/10/2020.
- # NATIONAL level FACULTY DEVELOPMENT PROGRAMME on **"ADVANCED CONCEPTS FOR DEVELOPING MOOCS"** Sponsored by MHRD, Organized by RAMANUJAN COLLEGE at NEW DELHI during 02/07/2020 - 17/07/2020.
- # NATIONAL level SELECT on **"Comprehensive e-Learning to e-Training guide for Administrative Work"** Sponsored by MHRD, Organized by RAMANUJAN COLLEGE at NEW DELHI during 25/05/2020 - 05/06/2020.
- # NATIONAL level FACULTY DEVELOPMENT PROGRAMME on **"Comprehensive e-Learning to e-Training guide for Administrative Work"** Sponsored by MHRD, Organized by RAMANUJAN COLLEGE at NEW DELHI during 25/05/2020 - 05/06/2020.
- # NATIONAL level FACULTY DEVELOPMENT PROGRAMME on **"MANAGING ONLINE CLASSES and CO-CREATING MOOCS"** Sponsored by MHRD, Organized by RAMANUJAN COLLEGE at NEW DELHI during 20/04/2020 - 06/05/2020.
- # REGIONAL level ORIENTATION on **"TUNING YOUNG FACULTY TOWARDS EFFECTIVE TEACHING"** Sponsored by UNITED BOARD FOR CHRISTIAN HIGHER EDUCATION IN ASIA, Organized by St CHRISTOPHER S COLLEGE OF EDUCATION at VEPERY CHENNAI during 23/01/2018 - 27/01/2018.
- # REGIONAL level SELECT on **"TUNING YOUNG FACULTY TOWARDS EFFECTIVE TEACHING"** Sponsored by UNITED BOARD FOR CHRISTIAN HIGHER EDUCATION IN ASIA, Organized by St CHRISTOPHER S COLLEGE OF EDUCATION at VEPERY CHENNAI during 23/01/2018 - 27/01/2018.
- # SELECT level ORIENTATION on **"TUNING YOUNG FACULTY TOWARDS EFFECTIVE TEACHING"** Sponsored by UNITED BOARD FOR CHRISTIAN HIGHER EDUCATION IN ASIA, Organized by at during 01/01/1900 - 01/01/1900.

#### Additional Information

- @ My strength is better work experience in structural bioinformatics, especially working with homology modeling, molecular modeling and molecular dynamics simulation techniques. I strongly believe that I can significantly contribute to this multi-disciplinary profession which will benefit from my previous experiences.

**Signature of Staff**  
**(RAJA SUDHAKAR D.)**