

Name of Faculty Dr.V PARVATI SAI ARUN P
 Designation Assistant Professor,
 Nature of Job/Appointment Regular
 Date of Joining 18-06-2018
 E-mail saiarunp_biotech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Post Doctoral Fellow	Post Doctoral Fellow	3 Years
Ph. D	Doctor of Philosophy (Computational Biology)	Awarded
PG	M. Tech. (Bioinformatics)	First
UG	B. Tech (Biotechnology)	First with Distinction

Work Experience

Teaching	2.2 Years
Research	5 years
Industry	--
Others	--

Area of Specialization Computational and Statistical Genomics and NGS

Professional Memberships --

Responsibilities held at Institution Level Member, IIC from 25-02-2020 to till date

Responsibilities held at Department Level

1. Coordinator, Research and Development
2. In-charge, Industrial visits

Research Guidance --

Awards Received

1. "DST-National Post –Doctoral Fellowship" award by Department of Science and Technology, Government of India in 2016.
2. Senior Research Fellowship (DBT-Project) from Department of Biotechnology Government of India in 2015 Post-Doctoral Studies.
3. Council for Scientific and Industrial Research (CSIR)- Senior Research Fellowship for the project proposal submitted for pursuing doctoral studies in 2012.
4. Deutscher Akademischer Austauschdienst (DAAD), Germany fellowship (under student exchange program entitled "A new passage to India" Germany in 2012.
5. DST-Junior research fellowship to work in a project sponsored by Department of Science and Technology Government of India in 2010
6. Young Researcher award from Institute of Bioinformatics and Computational Biology.

Courses Handled at Under Graduate / Post Graduate Level. Process principles and reaction engineering, Food Biotechnology, Genomics and Proteomics, Basics of Biology II, Biprocess economics and plant design, Python for Bioinformatics, Basics of Data Sciences using R, Basis of Biology

No. of Papers Published National Journals – 4 International Journals – 13

National Conference – 00 International Conference – 01

Projects Carried out "Received Research grant from DST-SERB under NPDF scheme of Rs.1920000/- to work on host pathogen interactions.

Patents

Technology Transfer

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Invited Speaker

1. Invited to deliver lecture at Prof. Jayashankar Agriculture University, Hyderabad on 8-06-2019

No. of Books/Chapter Published with details

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Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops / Other Trainings (Attended and/or Organized).

1. FDP at CBIT 26-11-2018 to 30-11-2018
2. Organized a One Week webinar cum FDP Series on "Current Progress and Future Prospects of Biotechnology" organized by Department of Biotechnology, Chaitanya Bharathi Institute of Technology (A), Hyderabad in association with Andhra Pradesh Akademi of Sciences during 8-13 June 2020
3. Attended one week FDP on PhP and MySQL conducted by JNTU College of Engineering Jagital, from 18th May 2020 to 23rd May 2020
4. Attended FDP on "Outcome based education and NBA Accreditation process" from 28-05-2020 to 1-06-2020
5. Attended International Webinar 2020 on " Post Covid Challenges to Human Beings" on 4th June 2020
6. Attended various quiz programmes conducted on COVID.

International/ National Journals from the Year 2017

1. Arun PP, Yarlagadda V, Laxmi GV, Salla S. Computational Analysis of the Hypothetical Protein P9303_05031 from Marine Cyanobacterium Prochlorococcus Marinus MIT 9303. Journal of integrative bioinformatics. 2020 Mar 30;17(1)
2. Doddam SN, Peddireddy V, Yerra P, Arun PP, Qaria MA, Baddam R, Sarker N, Ahmed N. Mycobacterium tuberculosis DosR regulon gene Rv2004c contributes to streptomycin resistance and intracellular survival. International Journal of Medical Microbiology. 2019 Dec 1;309(8):151353.
3. Chittepu OR, Bathula NV, Kata KP, Gopaluni N, Arun PP. Evaluation of random mutations in Streptomyces peucetius and their impact on the production of Daunorubicin. Journal of Biotech Research. 2019;10:223-9.
4. Reddy CO, Arun PP, Konda A. Aqueous stem extracts have more antibacterial and antifungal efficacy than its other parts: A Calatropis gigantea as a case study. Journal of Biotech Research. 2019;10:110-5.
5. Arun PP, Vineetha Y, Waheed M, Ravikanth K. Quantification of the minimum amount of lemon juice and apple cider vinegar required for the growth inhibition of dandruff causing fungi Malassezia furfur. International Journal of Scientific Research in Biological Sciences. 2019 Apr 13;6(2):144-147.
6. Arun PP, Reddy CO, Akhter Y. Uddanam kidney nephropathy under the light of metagenomics perspective. SN Comprehensive Clinical Medicine. 2019 Jan 1;1(1):23-5.