

BIO-DATA

Name: **Mr. Siva Naga Suresh Purama**

Designation: Scientist

Date of Birth: 20-Nov-1979

Date of Joining CSIR-CFTRI: 24-Aug-2009

Qualification: MCA (Master of Computer Applications)

Work Experience:

1. Assisting in ICT Network Infrastructure Upgradation
2. Assisted in coordination with National Informatics Centre (NIC-SI) for submission of DPR for Network Infrastructure Upgradation at CSIR – CFTRI covering Wireless and Wired networks
3. Designed and Developed current CFTRI website.
4. In house Development of Databases for R & D Projects & Administration.
5. Associated with ERP Implementation at CSIR-CFTRI.
6. Technical & User Support Services, Hardware & Software Services, Internet, Wi-Fi Services

Research Work:

1. Co-PI for the MLP-0184 Project Design and Development of Technology e-interface.
2. Involved in analytical data compilation and development of database for the project – Turmeric standards preparation based on physical and chemical parameters (SSP-215)
3. Assisted and developed the database for the project MLP-0150 – Bio functional properties of irradiated By-products of aquatic and agro-processing (BAAP) : Food Irradiation Information Database.
4. Co-PI for the OLP-091 Project eNDMAP: Web-based Nutrition and Disease Management Program for Animals (CSIR-EMPOWER:2010-12)
5. Assisted for the project- Macro and Micro structural analysis (MLP-088) for determining the cell characteristics in aerated foods.
6. Involved in Computerization and Data Analysis for the project - Conducting Survey and DPR preparation for identified Clusters (CNP-460)

Papers / Posters Published:

1. Nutri Demand: Nutritional Requirements Database for Indian Population, International Journal of Future Computer and Communication (ICFN-2012). www.ifjc.org Vol. 1, No.4, Dec 2012, 343-345

2. health Wise An Android Application For Personal Health & Nutrition Management, International Conference on Current Trends in Engineering & Management ICCTEM 2012, Vidya Vardhaka College of Engineering, Mysore.
3. RabDis: An expert system for rabbit disease diagnosis, 3rd World Congress on Biotechnology (<http://www.omicsonline.org/biotechnology2012/>), HICC, Hyderabad, India
4. PoulDis: An integrated disease diagnosis database for poultry, 3rd National Symposium cum Workshop on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design (SBCADD'2010).
5. In silico Identification of Novel Sweet Proteins for Nutritional Applications, Indo-US Symposium/ Workshop on Modern Trends in Macromolecular Structures (<http://www.chem.iitb.ac.in/Indo-US2011/#>)

Major Assignments accomplished:

- Design and development TLP Database, A designer probiotics and therapeutic proteins for human therapy.
- Designed and developed Probiotic serine-threonine kinase database.
- Designed and developed Antimicrobial peptide database.
- Designed and developed Cancer cell line database.
- Designed SSBMT Outdoor tournament website for CFTRI

Projects guided:

Sl.No	Course Name	College Name	Project Name	No. Students
01.	Bachelor of Engineering in Computer Science & Engineering	Vidya Vardhaka College of Engineering, Mysore	Health WISE – mobile personal health assistant	04
02.	Bachelor of Engineering in Computer Science & Engineering	GSSS Institute of Engineering & Technology for Women, Mysore	Nymble: Blocking Misbehaving users in anonymizing Networks	04
03.	Bachelor of Engineering in Computer Science & Engineering	Birla Institute of Technology & Science, Pilani	Electrical Indenting System (A DBMS Application	02
04.	MS (Integrated in computer science and Technology)	University of Mysore	Developing M.Sc. Food Technology online application registration portal	02

05.	MCA(Master of Computer Applications)	Anna University	Nutritional Requirements Database for Indian Population	01
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Trainings and Workshops:

- Attended 4th NKN Annual Workshop held at JNTU, Hyderabad.
- Attended HP-Redington workshop on Storage and Network solutions at Radison Hotel, Mysuru
- Attended 2nd NKN Annual Workshop held at IISC, Bangalore.
- Attended National Symposium on RECENT ADVANCES IN CYBER SECURITY.
- Represented ERP Coordinators meet at Karaikudi, Tamilnadu
- Attended Workshop on ERP R&D Portal developed by M/s Mind Tree at NAL, Bangalore.
- Attended Seminar “BITS-2009” (trends in networking industry, product & technology updates) organized by D-Link at Mysore.

Membership of Committees:

- Life Member – Computer Society of India.
- Member of Technical Committee for Implementation of Aadhaar Enabled Bio metric Attendance System (AEBAS)
- Member of the Website Management Committee for Association of Food Scientists & Technologists (India), CFTRI, Mysore.
- Convener for ERP Lab level implementation committee
- Convener for ERP Task Force committee

Other Activities:

- Member of Information and Publicity Committee for Open Day 2015
- Convener, Registration and Reception committee IFCON for three consecutive years.
- Management Committee of Fifth International Conference (SASNET) held at CFTRI.
- Registration & Reception Committee of ICFOST XXI held at Pune.
- Convener, 45th SSBMT Outdoor tournament held at CFTRI.