

# TEJAS P

Senior Technical Officer (1)

IT Services & Computational Solutions Department

CSIR – Central Food Technological Research Institute (CFTRI),

Ministry of Science & Technology,

Government of India

Mysuru – 570 020

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## EDUCATIONAL CREDENTIALS

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|------|---|--|-------------|
| 2017 | Ph.D. (Artificial Intelligence (IS&E Dept))               | Sri Jayachamarajendra College of Engineering, Mysore | Pursuing    |
| 2015 | M.Tech (Software Engineering)                             | Sri Jayachamarajendra College of Engineering, Mysore | FCD         |
| 2012 | B.E. (Computer Science and Engineering)                   | Sri Jayachamarajendra College of Engineering, Mysore | FCD         |
| 2006 | S.S.L.C (Karnataka Secondary Education Examination Board) | Marimallapa High School, Mysore                      | Distinction |

## TECHNICAL SKILLS

- **Computer Programming:** C, C++, Proc, Perl, PHP, JAVA, ASP.Net MVC, OpenGL, PLSQL
- **Web Technology:** HTML, CSS, J2EE
- **Database:** SQL (MySQL and Oracle 9i)
- **Others:** Computer Applications, DBMS, Software Engineering, Computer Networks, Operating system

## PROFESSIONAL EXPERIENCE

**CSIR- Central Food Technological Research Institute (CFTRI)**  
**Senior Technical Officer (1)**

**June 2017 – Present**

**Department:** IT Services & Computational Solutions (ITS & CS)

**Technology:** PHP, HTML, MySQL

### Major Software's/Web based Applications developed:

1. **SMECorner:** Online web based application for assisting SMEs/Entrepreneurs/Startups to avail expert service on various aspects of food technology and food processing. The application was recognized by CSIR and it was featured in CSIR News December 2017.
2. **Book4meeting:** Online Booking System for booking all the Meeting Halls of the Institute in advance by any of the Departments/Sections. The Administrator attached to each of the Hall will determine the final confirmation.
3. **IT Services Portal:** Web based Software Application for tracking the status of ITS & CS work orders with features of Time tracking, Dashboard, Generations of Reports, Uploading attachments, Notifications.
4. **Health Card Management Information System:** Web based Software Application to manage dependents information and generation of credit reference reports for availing medical facility in Hospitals.
5. **Rajbhasha Portal:** Web based Hindi Document Management System for Circular's/OM, Publications, Daily Words, Suvichar/wishes, Photo Gallery.
6. **Bioprocessing India Conference (BPI) 2019 Website:** Conference Website for BPI 2019 with features of Participate Registrations, Announcement, Mass email to participants, Electronically accept papers and Abstract submissions (bpic.cftri.com).

### Technical Support/Services:

1. **WIFI and LAN Access:** Providing Network access to Staff/Students, Troubleshooting network issues, Attending network and system related work orders at various departments.
2. **BLOG Activities:** Managing and uploading Contents such as Circulars, OM's, Abstracts, Announcements, News, Retiree Profile etc to CFTRI Blog.
3. **Assisting Video Conference through Skype and Cisco VC:** Assisting Video Conference's for Ph.D., Oral examination of AcSIR Students and other meetings through Skype and Cisco VC

- 4 **Biometric Registrations and Management:** Creating Biometric ID for Research Students and Temporary staff, Troubleshooting Biometric Devices.
- 5 **ID Card Management:** Created new ID card templates for Retirees/NPIC/FBA/Quick hire. Managing and Printing of ID Cards for Staff/Students/Retirees.
- 6 **Other Technical Activities:** Database and software Management, Supporting Administration Department on various activities of e-Procurement, team member in preparing EMS documents for ISO/EMS activities.

**Maharaja Institute of Technology**  
Assistant Professor

**July 2015 – June 2017**

**Department:** Computer Science & Engineering (CSE)

**Responsibilities Handled:**

- Handled the subjects such as object oriented programming with c++ (theory with lab), JAVA, software testing, Storage Area Networks, Database Management Systems (theory with lab), Computer Graphics and Visualization (theory with lab), Software Testing, Advances in Computer Networks (M.Tech).
- Handled the lab sessions of Programming the web, Computer Programming lab (C Lab), Data Structures with C, Design and Analysis of Algorithms.
- Guided 33 Mini B.E. Projects on the Subject Computer Graphics and Visualization.
- Guided 3 Final year B.E. Projects.
- Guided 1 M.Tech Mini Project.
- Placement training to students.
- Attended various Faculty Development Programs and Workshops on Big Data.

**Software's/Web based Applications developed**

- Designed and developed website for International conference on cognition and recognition ([www.iccr2016.net](http://www.iccr2016.net)).
- Designed and developed website for International conference on Signal and Image Processing ([www.icsip2017.com](http://www.icsip2017.com)).

**Intel**  
Graduate Intern Technical

**July 2014 – June 2015**

**Project - 'Trace Replay Simulation System (TReSS) for LTE 4G'**

**Project Details:**

To reproduce the scenario accurately in conversion of byte stream to SWIFT (Software Infrastructure for Fast Testing) test cases.

- Developed a PERL Program to convert byte stream to SWIFT (Software Infrastructure for Fast Testing) test cases.
- Developing C-API's for SWIFT.

**Group:** Wireless Platform Research and Development (WPRD)    **Technology:** C, Perl    **Team Size:** 15 members

**Tata Consultancy Services**  
Assistant System Engineer Trainee

**Sep 2012 – Sep 2013**

**Project - 'Automation System for Retail'**

**Project Details:**

The project aimed to develop a code for Payment System including adding, updating, viewing items, developing code for application timeout and testing of adding items.

**Technology:** C++, Pro C, MySQL and UNIX platform    **Team Size:** 06 members

**Responsibilities Handled:**

- Involved in all the phases of the project viz., database design, Interface Design, Coding as well as Testing
- Carried out requirements gathering, analysis, along with defect preventions till stabilization
- Handled Quality Assurance responsibilities and code reviews
- Performed Database Managing activities pertaining to project needs

## PATENTS

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- Patent on “Foot Comforter Shoe”, Patent Application No: “201641025279 A”.
- Patent on “An Authenticated Modem Device with In-Built Data Usage Analytic”, Patent Application No: “201641045189 A”.
- Patent on “A Device for Self Recognition of Veins and Insertion of Intravenous Cannula Procedure”, Patent Application No: “201941043568 A”.

## CONFERENCE

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- Attended AWS INNOVATE Online Conference 2019, Machine Learning & AI Edition on February 14, 2019.
- Attended 5th International Conference on “Cognition & Recognition (ICCR-2016)” organized by MIT Mysore, during 30<sup>th</sup> and 31<sup>st</sup> December, 2016.
- Attended a special lecture on “How to do a Good Ph.D.?” on August 10<sup>th</sup> 2016, organized as a part of Second International Conference on “Cognitive Computing & Information Processing (CCIP 2016)” at SJCE Mysuru.

## POSTER PRESENTATION

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- **Tejas P**, Srividhya CS, Suresh PSN, Manilal P\*, “Enabling Entrepreneurship Platform from CSIR-CFTRI for SMEs: New Initiatives”, 8<sup>th</sup> International Food Convention (IFCON 2018), 12<sup>th</sup> -15<sup>th</sup> December 2018, CSIR-CFTRI, Mysuru.

## MEMBERSHIP OF SOCIETIES

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- Institute of Electrical and Electronics Engineers (IEEE)(Student Member #92896709, valid till 31<sup>st</sup> Dec 2019)
- Member of Advisory Board of Computer Science & Engineering (CSE) Department at Maharaja Institute of Technology (MIT) Mysore (Valid for a tenure of 3 years from 11<sup>th</sup> July 2018).

## INVITED TECHNICAL TALKS

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- Technical Talk on “ Project development with IT standards (MVC & Tiered Architecture)” at IEEE (Institute of Electrical and Electronics Engineers) Student Chapter, Maharaja Institute of Technology (MIT), Mysore

## WORKSHOPS/TRAINING/COURSES

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- Attended National Level workshop on “Data Analytics and Learning (NWDAL-2019)” on “Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL)” from 18<sup>th</sup> to 20<sup>th</sup> November 2019 at University of Mysore, Mysuru.
- Attended Second National Level workshop on “Data Analytics and Learning (DAL) – Advanced Topics” from 29<sup>th</sup> to 31<sup>st</sup> August 2019 at JSS Science and Technology University, Mysuru.
- Training Programme on “Managerial Effectiveness for Technical Officers” during 29-31 May, 2019 at CSIR-HRDC, Ghaziabad.
- Training on “E-Procurement/E-tendering” during 25-36 October, 2018 at CSIR-CFTRI, Mysore.
- Participated in the workshop on “Bigdata and Hadoop” held on March 15 & 16, 2016 at MIT Mysore.
- Attended workshop on “Android App Development” conducted by Technophilia Systems in association with Robotics & Computer Applications Institute of USA held at SJCE on 27<sup>th</sup> and 28<sup>th</sup> September 2014.
- CORE JAVA 2.0 & J2EE(JDBC,N/W, RMI, JSP) during June 2011 to August 2011 at Computer Paradise, Mysuru.

## ACHEIVEMENTS/RECOGNITION/AWARDS/PRIZES

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- Qualified UGC-NET (National Eligibility Test) for LECTURER / ASSISTANT PROFESSORS 2015
- Qualified KSET (Karnataka State Eligibility Test) for LECTURER / ASSISTANT PROFESSORS 2014
- Qualified GATE (Graduate Aptitude Test in Engineering) 2014
  - Secured First Rank in “Mathematica – 2005: 6<sup>th</sup> International Examination of Mathematics Talent Search for School going Children” held on 2005 at Marimallappa’s High School Mysuru