

# CURRICULUM-VITAE

**Dr. BAKSHI ROHIT PRASAD**



## **Permanent Address**

205-H/2A/5

Kasari Masari, Chakiya,  
Allahabad, Pin-211016

**E-mail:** rohit.cs12@gmail.com

**Contact Number:** 7905203069, 8115573733

## **OBJECTIVE**

I aim to make my knowledge and skill an asset for the institute which I join as well as to improve myself through constant learning and contribute positively to the society. I am willing to work as a key player in a challenging and creative environment.

## **ACADEMIC QUALIFICATION**

- PhD in Information Technology from IIIT-Allahabad (with **CGPI of 9.5** in course work) in the year 2021.
- Master of Technology in Information Technology (Specialization in Intelligent Systems) from IIIT-Allahabad with CPI of **9.5** in the year 2013.
- Bachelor of Technology in Computer Science & Engineering in the year 2008 from United College of Engineering & Research (U.P.T.U.) securing **78.67%**.
- Intermediate in year 2004 from Anglo Bengali Inter College (U.P. Board) with **79.60%**.
- High School in year 2002 from Anglo Bengali Inter College (U.P. Board) with **70.33%**.

## **WORK EXPERIENCE**

- Working as Assistant Professor in the Department of Computer Science in S.I.E.T. for last 2 years and 7 months.
- Worked as Assistant Professor in the Department of Computer Science in S.I.E.T., Allahabad for from July 2013 to December 2013.
- Worked as a Lecturer in the Department of Computer Science in United Group of Institutions from July 2009 to May 2011.
- Worked as a software engineer in Infosys Technologies Ltd Mysore for 6 months.

## **NET/GATE EXAMINATION**

- Qualified UGC NET in the year 2013
- Qualified GATE Examination in the year 2010, 2011 and 2013

## **PhD DISSERTATION**

**Thesis Title:** Machine Learning for Big Data Analytics

## **PUBLICATIONS**

- #Refereed Journal Papers: 7 (2 SCIE and 4 Scopus Indexed)
- #Tier-A/Tier-B Conferences: 1 (In Springer)
- #Other International Conferences: 14 (In IEEE, ACM and Springer)
- #National Conferences: 3
- #Book Chapters: 4 (In Springer)

**Google Scholar** @ <https://scholar.google.co.in/citations?hl=en&user=dKal94AAAAJ>

**h-index:** 9

**i10-index:** 9

## GRANTS (INTERNATIONAL/ NATIONAL)

- DST Grant for Organizing and delivering talks in Indo-SriLanka Bilateral workshop on "**Big Data Analytics: Recent Trends and Applications**", jointly organized by IIIT Allahabad and University of Peradeniya, Sri Lanka and held at **Faculty of Engineering, University of Peradeniya, Sri Lanka** during December 13-14, 2017
- MHRD Fellowship for pursuing MTECH and PhD from IIIT-Allahabad

## INTERNATIONAL EXPOSURE/VISITS

- Conference Paper in TENCON-2017 Region 10 Conference held at PENANG, Malaysia during November 5 to 8, 2017
- Indo-SriLanka Bilateral Workshop on "Big Data Analytics: Recent Trends and Applications" held at University of Peradeniya, Sri Lanka during December 13-14, 2017

## INVITED TALKS (INTERNATIONAL/ NATIONAL)

- Delivered talk and practical session on "**Map-Reduce: Design Patterns**" in Indo-SriLanka Bilateral workshop on "**Big Data Analytics: Recent Trends and Applications**", held at **University of Peradeniya, Sri Lanka** on Dec 13, 2017
- Delivered talk and practical session on "**Spark Programming Logic**" in Indo-SriLanka Bilateral workshop on "**Big Data Analytics: Recent Trends and Applications**", held on Dec 14, 2017 at **University of Peradeniya, Sri Lanka**
- Delivered talks and practical sessions on "**Streaming Data Analytics use cases using Apache Flink**" in GIAN course held during December 19-23, 2017 at Indian Institute of Information Technology Allahabad
- Delivered talks and practical sessions on "**R-Programming: Statistical Data Analysis Tool**" in International Virtual Workshop-2021 held during April 3-9, 2021, organized by MathTech Thinking Foundation (MTTF).

## MEMBER OF WORKSHOP/SEMINAR/COURSE ORGANIZED

- GIAN course on "**Parallel and Distributed Data Stream Mining**" held during December 19-23, 2017 at Indian Institute of Information Technology Allahabad, India under the guidance of Ministry of Human Resource Development
- Indo-SriLanka Bilateral workshop on "**Big Data Analytics: Recent Trends and Applications**" at Faculty of Engineering, University of Peradeniya, Sri Lanka during December 13-14, 2017
- Workshop titled "**RSM4CPS-2018**" held on January 4, 2018 at IIT-BHU, Varanasi, India

## M.TECH. DISSERTATION

**Thesis Title:** Role of Biomarkers in Healthcare Systems for Identification and Prediction of Diabetes

**Duration:** One year

## CURRICULUM PROJECTS

**Project Title:** University Admission System

**Duration:** One year

**Team Size:** 3

**Brief Overview:** Online Web solution for admission procedure in various universities.

**Role:** Planning, Database designing & part of JSP coding.

**Project Title:** Online Banking System

**Duration:** 1 month

**Brief Overview:** Online web solution for the bank related various activities.

**Role:** All the activities

### SOFTWARE EXPOSURE

|                               |   |  |
|-------------------------------|---|--|
| <b>Languages</b>              | : | C, Java, Scala, COBOL, JCL                 |
| <b>Databases</b>              | : | RDBMS, SQL, Embedded SQL (In ORACLE & DB2) |
| <b>Operating Systems</b>      | : | Windows 98/XP/7/10, LINUX                  |
| <b>Scripting Languages</b>    | : | HTML, DHTML Java Script & JSP              |
| <b>MS OFFICE</b>              | : | MS EXCEL, MS WORD, POWER POINT             |
| <b>Systems</b>                | : | Personal and Mainframe computers           |
| <b>Big Data Frameworks</b>    | : | Spark, Hadoop, SAMOA, Flink                |
| <b>Other Tools/Frameworks</b> | : | WEKA, MOA, MATLAB                          |

### AREA OF INTEREST / SUBJECTS TAUGHT

- Data Structure, DBMS, C Language, Automata, Algorithm, OOPS, Compiler, Machine Learning, Big Data Technology

### AWARDS & ACHIEVEMENTS

- (1) Received best paper for conference paper titled “Taxi Trip Time Analytics and Estimation using Ensemble Learning” in International Conference on Big-Data and Cloud Computing (ICBDCC’2017) held during April 2 to 4, 2017 at Karunya University, Coimbatore, India
- (2) Secured 2<sup>nd</sup> position in M.Tech. in the branch specialization in IIIT-Allahabad.
- (3) Secured 2<sup>nd</sup> position in B.Tech. Computer Science branch in the college.
- (4) Awarded certificate and prize by “AMAR UJALA” newspaper for securing first position in entire college in Intermediate board exam in 2004.
- (5) Awarded certificate & prize by ANTARASHTRIYA GAYTARI PARIWAAR for securing 1st position in the college in “BHARTIYA SANSKRITI GYAN PARIKSHA-2001”.

### EXTRA CURRICULAR ACTIVITIES

- (1) Handled various academic and administrative activities as a faculty at college level and as a Teaching Assistant during PhD.
- (2) Awarded with certificate for developing a project titled “University Admission System” in the National level software development program “GREAT MIND CHALLENGE” organized by **IBM** in 2007.
- (3) Awarded with certificate for good performance in UNISON TALENT HUNT and CODE-RUN CONTEST organized by United College in the year 2006.
- (4) Organized **VCRT** (Virtual Campus Recruitment Test) in the college.

## PERSONAL DETAILS

**Date of Birth** : 25, June, 1986  
**Father's Name** : Mr. Bakshi Rameshwar Prasad  
**Mother's Name** : Mrs. Chandrakala Bakshi  
**Sex** : Male  
**Marital Status** : Married  
**Nationality** : Indian  
**Languages Known** : English & Hindi  
**Hobbies** : Listening and singing songs, writing poems.

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## REFERENCE:

Dr. Sonali Agarwal  
Associate Professor  
Department of IT, IIIT-Allahabad

**Date** : 11/08/2021  
**Place** : Prayagraj

**(Bakshi Rohit Prasad)**