

1304 / 1 A, Near Rajul City,  
Phool Sagar, GangaNagar, Jabalpur, Pin-482003  
Mob.: -8770764277, 9424307817



To share my knowledge and experience with students and gain more experience in the education and teaching field.

**TEACHING EXPERIENCE: 22 Years**

## 1. Present Occupation

**Designation** : **Asstt. Professor (College Code 28)**  
**Department** : Computer Science and Application  
**Additional Charge** : *Deputy Exam Controller*  
**Extra Circular Activity:** **Member of IQAC**  
**College** : **G. S. College (Autonomous), Jabalpur**  
**(Affiliated to Rani Durgawati University, Jabalpur)**  
**Address** : Civil Lines, Jabalpur (M.P)  
**Duration** : Dec-2022 to till

## 2. Previous Working

**Designation** : Assistant Professor (**College Code 28**)  
**Department** : Computer Science and Application  
**College** : **Jabalpur College of Computer & Communication,**  
 (Affiliated to Rani Durgawati University, Jabalpur)  
**Address** : 1101, Near Shastri Bridge, Napier Town, Jabalpur (M.P)  
**Duration** : 2007 - 2022

**Designation** : Assistant Professor  
**Department** : Computer Application  
**College** : **Navyug Arts & Commerce College Jabalpur**  
 (Affiliated to Rani Durgawati University, Jabalpur)  
**Duration** : 5<sup>th</sup> Aug 2002 to 10 Sep'2007

- Worked as a Guest Lecturer for B.Tech. III and V semester in “Hitkarini Engineering College”, Jabalpur(M.P.) (Session 2022-23-24).

- Working as Counselor for BCA,MCA, MBA in “IGNOU”, Center Code-1502, Jabalpur, from 2004 (CourseCode: -MS-7 MS-11,MS- 96, MS-54,CS-64).
- Worked as a Guest lecturer for MBA in “University Institute of Management”, Rani Durgawati University, Jabalpur (Session 2022-23-24).
- Worked as a Guest lecturer for computers in “Physical Education Department”, Rani Durgawati University, Jabalpur.(Session 2022-2023).
- Worked as a Guest lecturer for “Computer Sc. & Math’s Department” Rani Durgawati University, Jabalpur, Jabalpur (Session 2018-19-20).
- Worked as aGuest lecturer for MBA in “University Institute of Management”, Rani Durgawati University, Jabalpur(Session 2006-07-08-09-2010-11-12).`
- Worked as a lecturer for BCA in RIMT, Jabalpur (from Nov-98 to Nov-01)
- Worked as a Counselor for BCA,MCA & M.B.A. in Regional study center Jabalpur, “M.P Bhoj Open University”, Bhopal.

## INDUSTRIAL EXPERIENCE: 1 year

**Designation** : Worked as *Marketing Executive*( from 04/01/01 to 31/12/01)  
**Organization** : Holyfaith International(P) Ltd.  
**Address** : Jabalpur Branch, Holyfaith International(P) Ltd.,840, Plash Chamber, Malviya Chowk, Jabalpur.

### Job Profile:

- Implementation of Strategy to build global awareness of the company and its products.
- Development of business strategy& solutions to meet overall commercial targets & objectives.
- Design & Implementation of marketing strategy program to raise awareness of the company’s product and to identify new market opportunities.
- Building relationships with new distributors and establishing commercially effective distribution channels.
- Identification of new principles to enable the future expansion of the group.

## ACHIEVEMENTS

**Patent : 01**

**Title : Machine Learning Based Device for E-Commerce Product Recommendation**

**Design Number : 442812-001, Class : 14-02**

### Awards :

- *Best Research Paper and Presentation Award* in THEETAS-2022 International The conference was held on 16-17 April 2022 at AKS University, Satna.
- Achieved the *Outstanding Effort Award (High Morale & Self-motivation)* from Jabalpur College of Computer &Communication, Jabalpur in the year 2008
- Achieved the *Captain of Academic Award* from Jabalpur College of Computer & Communication, Jabalpur in the year 2010-11.
- Achieved the *Excellence Award* from Jabalpur College of Computer & communication, Jabalpur in the year 2015-16.

### Board of Studies (Universities) :

- Worked as a Member of The Board of Studies (Computer Sc. & Application), Rani Durgawati University (RDVV), Jabalpur (2019 to Feb-2022)
- Worked as a Member of The Board of Studies (Computer Sc. & Application) Raja Shankar Shah University ,Chhindwara, (2019 to 2022)
- Worked as a Member of the board of studies of “Maharishi Mahesh Yogi Vedic Vishwavidyalaya” Jabalpur(2018 to 2024)
- Worked as a Member of The Board of Studies (Computer Sc. & Application), Rani Durgawati University(RDVV), Jabalpur(2013)

- Worked as a Member of The Board of Studies at “ Maharishi Mahesh Yogi Vedic Vishwavidyalaya”, Jabalpur.(Session 2007-11, 2014-2016)

### **Board of Studies (Autonomous Colleges) :**

- Working as a Member of the board of studies (Computer Sc. & Application) in “ Govt. Mahakaushal Arts & Commerce (Autonomous) College (**PM college of Excellence**)”, Jabalpur (01-11-2023 to 31-10-2025).
- Working as a Member of the board of studies (Computer Application) in “MKB, Govt. Arts & Commerce (Autonomous) College”, Jabalpur (2021 to till)
- Worked as a Member of the board of studies (Computer Application) in “Govt. Science (Autonomous ) College”, Jabalpur ( 2018 to 2022)
- Worked as a Member of the board of studies (Computer Application) in “G. S. Commerce & Economics ( Autonomous) College” , Jabalpur (2019 to 2021)
- Worked as a Member of the board of studies (Computer Sc. & App.) “Mata Gujar (Autonomous) College”, Jabalpur (from July’2014 to 2018)

### **Subject Expert :**

- **As a subject expert** for ISO certification at Technical Institute. Visit date: 11/05/2012 in Premier Institute of Science Jabalpur.
- **As a subject expert for** contract PGT Teacher’s computers for walk-in-interview in 2011-12 & 2012-13 at Kendriya Vidyalaya CMM, Jabalpur.
- **As a subject expert for** contract PGT Teacher’s computers for walk-in-interview in 2014 at “*Jawahar Navodaya Vidyalaya, Bargi Nagar, Jabalpur*”.

## **EDUCATIONAL QUALIFICATION**

- ▶ **Ph.D. (Computer Science)** from AKS University Satna (M.P).
- ▶ **M.Phil. (Computer Science)** From Rani Durgavati University (RDVV) Jabalpur (**Result: - First Class, 77%**)
- ▶ **M.Sc. (Computer Science)** From M.P.Bhoj University, Bhopal (**Result: - First Class, 72%**)
- ▶ **MBA** From M.P. Bhoj University, Bhopal (**Result: - First Class, 66%**)
- ▶ **Post Graduate Diploma in Computer & Management (PGDCM Equivalent to MCM)** from Rani Durgavati University(RDVV), Jabalpur (**Result: - First Class, 63%**)
- ▶ **Graduate (B.Sc.)** from **Govt. Model Science (Autonomous) College, Jabalpur** (RDVV, Jabalpur) (**Result:- First Class, 63%, Subject: - Physics, Chemistry, Math (PCM)**)

## **PROFESSIONAL KEY SKILLS**

- Analytical thinking, planning
- Problem analysis, use of judgment, and ability to solve the problem efficiently
- The self-motivated, initiative, high level of energy
- Decision-making, critical thinking, organizing, and planning
- Tolerant and flexible to different situations

## **RESEARCH-ORIENTED**

### **Ph.D. Title:**

**“Use of Machine Learning Algorithm to Optimize the Performance of Recommendation System for E-Commerce by Alleviating Cold-Start Problem and Shilling Attack”**

### **Abstract:**

Recommender systems are crucial in e-commerce sites, helping users deal with the vast data online and suggesting relevant items. However, the cold-start problem arises when a user and items are new to the system. Shilling attacks, involving fake profiles and biased ratings of items, pose a threat to the credibility of recommender systems. Detecting these attacks is necessary to maintain fairness. This research provides a solution to address both issues, optimizing the system's performance and ensuring accurate recommendations.

**Keywords:** Recommendation system, cold-start, shilling attacks.

**Research Interest Area:** Machine Learning, IoT

**International Research Paper:** 08

**National Research Paper :** 05

**Chapters in Book :** 02

### Orientation Program:

- 1 Participated in the 78<sup>th</sup> UGC Sponsored Orientation Program from 17/01/11 to 12/02/11
- 2 Participated in the program for strengthening student support services organized by IGNOU
- 3 Participated in an orientation program organized by IGNOU.

### PERSONAL INFORMATION

Name	:	Dr Anurag Singh.
Date of birth	:	14-02-1976.
Father Name	:	Shri N. K. Singh.
Father Occupation:		Retried from Sr. Audit Inspector.(Co-operative Deptt, M.P. Govt.)
Mother name	:	Late. Smt. Shanti Singh.
Marital Status	:	Married
Wife Name	:	Smt. Meena Singh
Wife Occupation	:	Housewife
Children	:	one
Name of Daughter	:	Anamika Singh
Mailing Address	:	1304 / 1 A, Near Rajul City, Phool Sagar, Ganga Nagar, Jabalpur-3
Languages Known	:	Hindi, English.
E-mail	:	<a href="mailto:singhanurag.jbp@gmail.com">singhanurag.jbp@gmail.com</a>
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Place: - Jabalpur

Dr Anurag Singh