



## Manish Joshi

Secretary, University Grants Commission, New Delhi.

- 18 May 1972
- School of Computer Sciences, KBC-NMU, Jalgaon, MS, India
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## Social Network

- Google Scholar Profile
- Elsevier Scopus Profile
- AntarNad Blog

## Languages

- English ● ● ● ● ●
- Hindi ● ● ● ● ●
- Marathi ● ● ● ● ●
- Sanskrit ● ● ● ● ●

## Hard Skills

- Research
- Data Mining
- Content Creation
- Troubleshooting
- Visual Communication

## Soft Skills

- Decision Making
- Resource Management
- Collaboration

## Working Experience

- Currently** **Secretary**  
Secretary, University Grants Commission, Ministry of Education, Government of India, New Delhi, India.
- Past** **Head of Department**  
Department of Computer Science, School of Computer Sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, MS, India.

## Education

- Postgraduate**  
2018 – 2019 **CMI Level 5 Certificate** Chartered Institute of Management, London, UK  
Management and Leadership
- 2008 – 2009 **Post-Doc Fellow** University of New Brunswick, Canada  
I worked on Automated matchmaking as well as on modeling clustering ambiguity using Rough Set Theory.
- 2002 – 2007 **Doctoral Research work** KBCNMU  
We have developed and implemented shallow parsing based algorithms to improve the precision of question answering system. These algorithms were also used to improve the precision of search engines.

## Study

- 1992 – 1994 **Master of Computer Science** DSRF, Pune  
Focus: Advanced study of computer science subjects and with focus on research.  
Master Theses (Expert System)
- 1989 – 1992 **Bachelor of Computer Science** Nutan Maratha College, Jalgaon  
Focus: Programming languages.

## Awards

- 2022 **Best Paper Award** CERE, IIM Indore  
A successful recipe for Localization: A case of GIMP.
- 2019 **National Award** DST, Government of India  
Outstanding efforts in translation of Popular Science and Technology for the year 2018
- 2012 **Unique Research Award** ACM-DL CUBE International Conference, India  
Modeling BharataNatyam Dance Steps: Art to SMart, 3-5 Sept. 2012, Pune, India.

## Publications

- 85 **International Journals / Refereed Conference Proceedings**
- 10 **Book Chapter and Reports**
- 02 **Patents Published**
- 04 **Books & Special Issue of Journal (IJCSA) Edited**
- 50 **Invited Talks (National/International)**
- 06 **PhD Students (Awarded)**

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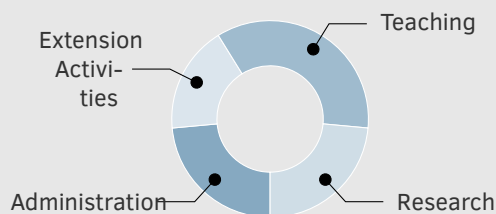
## About Me

I am fascinated by the basic idea of 'Artificial Intelligence (AI)' and I am attracted towards the field of AI because of its challenging nature. My past and current research projects aimed at interesting and increasingly popular subset of AI problems.

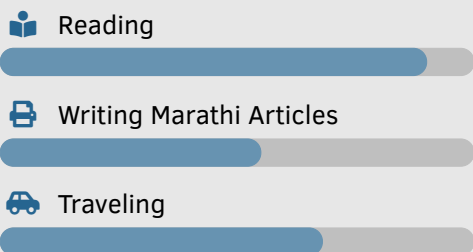
## I do...



### Responsibilities



## Hobbies



## Memberships



International Rough Set Society



ABRSM

## Current Research Interests

Knowledge Discovery and Data Mining (Using Rough Set Theory)  
Localization  
Automated Matchmaking  
Computational Models for Artificial Intelligence

## Major Research Projects

- 8,00,000 ₹ **Monitor and Manage the effect of the stress on academic performance of students in Higher Education Institutions using Data Analytics.** ICSSR, New Delhi  
Use of sensors to collect data and analyse it using data mining techniques to monitor and manage stress among students.
- 7,40,000 ₹ **Development of Marathi Interface for GIMP Software.** RMVS, Mumbai  
We have developed Marathi Localization user Interface of an open source Image editing software GIMP.

## Special Assignments

- 2019 **UK India Education Research Initiative** London, UK  
AICTE along with British council of India initiated a project for Change Management with the help of selected Academic Leaders.
- 2018 **Trainer of an European Union Project** Wroclaw, Poland  
Establishment of Capacity Building Centers as a sustainable solution to raise the standards of teaching staff in Indian HEIs.
- 2015 **Invited for Collaboration** Durban Uni. of Technology, Durban, SA  
A month long visit to establish research collaborations among three universities (KBCNMU, DUT and University in Brazil).
- 2009-2010 **Coordinator, Rough Set Year in India** International Rough Set Society  
Organized many events including International workshops in all parts of India to celebrate Rough Set Year in India.
- 2007-2008 **International Faculty** Saint Mary's Uni. Halifax, Canada  
Appointed as an international faculty of SMU, Canada to teach courses in The Gambia.

## Additional International Visits

- 2005 CSIT-2005 Conference and Invited talk at American National Academy of Science, Armenia  
University of Armenia, Yerevan.
- 2010 RSKT-2010 Conference Beijing Jiaotong University, China

## Computer Proficiency

- Languages BASIC, Pascal, COBOL, C, C++, ProLog, HTML, Multi Pascal, Java, Python, Open MPI libraries for parallel programming.
- OS DOS, Windows, UNIX, Linux.
- RDBMS Oracle, MS SQL – Server, MySQL.
- Visual Basic, Java, PHP**
- Front Ends*
- LaTeX**
- Document Preparation System*
- Joomla**
- Content Management System*
- Moodle**
- Learning Management System*
- MatLab**
- Numerical Computational Software*
- Weka, R, RSES**
- Machine Learning Softwares*