

Kumar Sourabh

Designation :Assistant Professor

Subject : Computer Applications

Area of Specialization : Information Retrieval

College : GGM Science College

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Summary

- Ph.D. degree in Computer Science
- Currently working at GGM Science College, Jammu

Awards and Achievements

- Research Work Approved by Technology Development for Indian Languages (TDIL), Ministry of IT Govt. of India.
- Best Research Paper Award 7th J&K science congress

Workshops, Seminars, Symposia and Conferences attended

- 5th National Conference; INDIACom-2011 Computing For Nation Development, March 10 – 11, 2011 Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi
- 6th national conference, India com 2012 ISSN NO N NO 978-93-80544-03-8
- 7th J&K Science Congress JKSC-11 Best Paper Award
- 3rd J&K Science congress Jammu J&k 2009
- Technical Program Committee Member of International Conference on Interdisciplinary Research in Humanitarian Technology (ICIRHT-2017) Sri Sai Group of Institutions
- Member of organizing committee for one day workshop on IQAC/API held at GGM Sc College Jammu on 6-02-2017
- Participated in one week induction programme held at Govt. B.ed College Jammu
- Attended 2 day IETE Workshop held at department of CS and IT Jammu University
- Participated as resource person in 2 different workshops organized by Commerce College Jammu
- Participated / Attended a UGC Sponsored refresher course at Department of CS and IT Jammu University

Research Publications 2010-2013

- "An Experimental Analysis on the Influence of English on Hindi Language Information Retrieval" Kr. Sourabh and Vibhakar Mansotra **International Journal of Computational Linguistics Research** Volume 2 Number 3/4 Sep/Dec 2011 Print ISSN: 0976-416X Online ISSN: 0976-4178

- "Factors Affecting the Performance of Hindi Language searching on web: An Experimental Study" Kr. Sourabh and Vibhakar Mansotra **International Journal Of Scientific & Engineering Research**, Volume 3, Issue 4, April-2012 ISSN 2229-5518
- "Query Optimization: A Solution for Low Recall Problem in Hindi Language Information Retrieval" Kr. Sourabh and Vibhakar Mansotra **International Journal of Computer Science and Security (IJCSS)**, Volume (1) : Issue (3) : 2011ISSN - 1985-1553
- Results"Web Query Optimization Revisited with Experimental and Analysis" Kr. Sourabh, Vibhakar Mansotra and Rakesh Goswami **LANGUAGE IN INDIA Strength for Today and Bright Hope for Tomorrow** Volume 13 : 1 January 2013 ISSN 1930-2940
- "An Extensive Literature Review on CLIR and MT activities in India" **International Journal of Scientific & Engineering Research** Volume 4, Issue 2 Feb 2013 ISSN 2229-5518

Research Initiatives In Academic year 2017

1. **Editorial Board member for "JK Journal of mathematics and computer science" Journal of Higher Education Department, Jammu and Kashmir**
2. **Key note speaker International Conference on Interdisciplinary research in Humanitarian technology 13 oct 2017 at Sri Sai College of Engineering & Technology, Badhani, Pathankot (Punjab)**
3. **Member of Technical Program Committee in ICIRHT 2017 International Conference on Interdisciplinary research in Humanitarian technology 13 oct 2017 Sri Sai College of Engineering & Technology, Badhani, Pathankot (Punjab)**
4. **Member of organizing committee Guest Coordinator J&k region in ICIRHT 2017 International Conference on Interdisciplinary research in Humanitarian technology 13 oct 2017 Sri Sai College of Engineering & Technology, Badhani, Pathankot (Punjab)**
5. **Attended and presented two papers in International Conference on recent Innovations in Science and Engineering at Guru Kashi University bhatinda Punjab Nov 20 2017**
6. **Best Research Paper Award National conference ETACIT hosted by Department of Computer Science held at kathua campus University of Jammu.**
7. **Best Research Paper Award 1st International Conference on recent Developments in Science Humanities and Management 2018 held on 17-18 April 2018 at Amar Singh College Srinagar**
8. **Reviewed computer science papers/ articles for publication in EDUPLUS and JK Knowledge Initiative**
9. **Published an article in Edu-Plus HED magazine " Green Computing, It's our responsibility"**

2017-2018 Published two Papers in UGC Approved Journal

1. **THE COMPLEXITY OF BIG DATA SCIENCE (PAGE: 105-109)**
Dr. Syed Mutahar Aaqib, Dr. Kumar Sourabh, Syed Ishfaq Manzoor International Journal of Advanced research in science and engineering ISSN 2319-8354

2. SUSTAINABLE GREEN COMPUTING: OBJECTIVES AND APPROACHES (PAGE: 452-461)

Dr. Kumar Sourabh, Dr. Syed Mutahhar Aqib, Dr. Ahsan Elahi International Journal of Advanced research in science and engineering ISSN 2319-8354

Publications for J and K Higher Education

Article: An insight into Green Computing Dr Kumar Sourabh and Dr Ahsan Elahi

Research Papers

1. Experimental Evaluation of Machine Translation: Source to Target Language *Kumar Sourabh Rakesh Kumar Government Gandhi Memorial Science College Jammu, J&K-India Government Degree College Billawar, J&K -India
2. A study of spell checking techniques for Indian Languages *Rakesh Kumar , Minu Bala , Kumar Sourabh Government Degree College Billawar, J&K-India Government Gandhi Memorial Science College Jammu, J&K- India Government Gandhi Memorial Science College Jammu, J&K- India

Book Publications

- In Progress

Patents

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Research Projects (Minor / Major Project)

- In Progress

Academic Qualifications

Examination Passed	Board/ University	Subjects	Year	Division / Grade / Merit
SSC	JKBOSE	Science	1999	Distinction
Higher Secondary	JKBOSE	Physics Chemistry Mathematics, English	2001	First Div.
Bachelor's Degree(s)	University of Jammu	B.C.A	2004	First Div.
Master's Degree(s) (M.A/M.Sc.)	University of Jammu	M.C.A	2007	First Div.
NET/SLET				
Other Diploma / Certificates etc.				

Research Experience

Research Stage	Title of Work /Thesis	University where the work was carried out	Year
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M. Phil or equivalent			
Ph.D.	A study of web mining tools for query optimization	University of Jammu	2009-2012
D.Sc/D.Litt.			
Training (Please specify)			

Teaching Experience

Courses Taught	Name of the University/ College/Institution	Duration
iv) U.G. (B.A./B.Sc. etc.) (B.A./B.Sc. etc. Hons.)	GGM Science College	1 year
v) P.G. (M.A./M.Sc.,etc.)	Post Graduate Department of Computer Science and IT Univ. of Jammu	5years 7 months 2007-2009 2013-2016
P.G. (M.A./M.Sc.,etc.)	SKUAST Jammu School of Agri Business	2 months
Engineering	MIET College of Engineering	3 months
vii) Any other(e.g Women Study, Skill Development , Add on courses, Coaching (JUET, CET) etc)	Teacher and Counselor IGNOU (Indira Gandhi National Open University) Taught various courses in IGNOU center code 1201 i.e. Department of CS and IT University of Jammu. Evaluation of Assignments and Practical etc from 2007-2016 ACM Student Chapter Web Master (from 15-Oct-16 to 15-Oct-17) for the ACM Student Chapter Group ID: 154542	

Extension Work / Community Service

Member of Prime Minister Special Scholarship Scheme 2017