

Personal Profile

1. Name: Dr. BASAVAPRASAD B.

2. Date of Birth: 31-05-1980.

3. Mailing Address: H. No 5-4-71, Netaji Nagar, Raichur - 584103, Karnataka.

Email: b.basavaprasad@gmail.com

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4. Current Designation: Asst. Professor (Since sep-2009).

5. Educational Qualifications (Starting from Graduation onwards):

S.No	Degree	University	Year	Subjects	Remarks
1	B.Sc in computer science	Gulbarga University	2001	Physics, Mathematics and Computer Science	II Rank to the University
2	M.Sc in computer science	Gulbarga University	2004	Computer Science subjects	I Rank to the University
3	M.Phil in computer science	Alagappa University	2008	Research Methodology, Parallel Processing, Image Processing and Dissertation	NA
4	PhD	Bharathiar University	2019	Image Processing & Pattern Recognition	NA

6. Positions held:

- **Head of the Department**, Govt. First Grade College, Raichur.
- **Board of examinations chairman:** Gulbarga University, Kalabuagi.
- **Member of Board of Examinations:**
 - Gulbarga University, Kalabuagi
 - Solapur University, Solapur, Maharashtra.
 - University of Agricultural Sciences, Raichur.
- **Member of Board of Studies:**
 - Solapur University, Solapur, Maharashtra.
- **Editorial Board / Reviewer:**
 - Asian Journal of Computer Science & Engineering
 - Brindhavan Journal of Management & Computer Science
 - International Journal of Fuzzy Systems.
 - Review of Electronics Letters

- Journal of Experimental & Theoretical Artificial Intelligence
- TELKOMNIKA Telecommunication Computing Electronics and Control
- **Advisory Committee Member:**
 - International Conference on Recent Advancements in Engineering and Technology, 17-18th January, 2020.
 - Technical Program Committee Member, icSoftComp2020, Springer, 2020.
 - International Conference on Innovative Technologies in Recent Research (ICITRR19), 31st August, 2019.

Academic Positions:

- Spoken tutorial IIT-Bombay coordinator
 - Admission Coordinator
 - Internal Test Committee member
 - Time-Table Coordinator
 - RUSA Coordinator
 - EBSB (Ek Bharat Shreshtha Bharat) Coordinator
 - AISHE Coordinator (2010-11, 2011-12 & 202013-14)
 - IT- Coordinator (2012-13 & 2013-14).
 - Alumni Coordinator of the department.
7. **Experience: UG/PG:** 17 years.
 8. **Area of specialization:** Computer Science.
 9. **Research Area:** Digital Image Processing & Pattern Recognition, Software Engineering.
 10. **No. of research papers published in national and international journals: 28**
(including Scopus, Springer, Elsevier, etc).
 11. **No. of Research Papers presented:** 12.
 12. **No. of Book Chapters:** 03.
 13. **No. of Books:** 02.
 14. **Skills:** C, C++, VB, JAVA, C#, PHP and MySQL, R, MATLAB, Scilab, Machine Learning, Software Engineering, Oracle (10G), Operating System, Discrete Mathematics (Graph Theory), Creative Thinking.
 15. **Professional recognition, awards, fellowships received:**
 - Dr. APJ Abdul Kalam Lifetime Achievement National Award, 2021.
 - National Eminent Author Award 2020.
 - ESN Asian Book of Records 2020 (Selected)

- Global Educational Award 2020 – Excellence in Academics from ESN Publications.
- Global Change Maker from India @ Sustainable Cosmos (UN Organization).
- Wakelet Ambassador (Nominated).
- International Distinguished Educator Award 2020 (IDEA 2020).
- International Distinguished Academic Leader Award 2020 (Nominated).
- Nominated for Best Academician of the Year Award (Male) at 2nd International Academic and Research Excellence Awards (**IARE**) 2020.
- Nominated as Keynote Speaker – World Record Attempt @ ESN Publications.
- Best student award to the institution in B.Sc, II Rank to the university in B.Sc, with gold medal from the institution.
- I Rank to the university in M.Sc with two Gold Medals.
- Award from ABVP.
- Award from Karnataka State Lingayat Society Employment Committee, Dharwad, Karnataka.
- Stood second in chess competition organized by the Raichur District Level State Cooperative Employees Sports and Cultural Competition.

16. Memberships of Professional Bodies:

National:

- Life-Time ADMA (Academy of Discrete Mathematics and Applications).
- National Digital Library of India (NDL).
- Life-Time member of Computer Society of India (CSI)

International:

- IEEE (2014 and 2015)
- ACM Digital Library
- Society for Industrial and Applied Mathematics (SIAM)
- IAENG (International Association of Engineers)
- Academia.Edu
- ResearchGate
- Orcid
- Elsevier
- Wakelet
- FlipGrid

- Sustainable Cosmos
- Mendeley
- PubMed

17. Events organized:

- Organizing Chair – One Day National Webinar on “Awareness on Online Path to Higher Education in India”, 15th June, 2020.
- Organizing Coordinator for EBSB (Ek Bharat Shreshtha Bharat) at Haldwani, Naintal, Uttarkhand State from 15th Feb-19th Feb, 2020.
- Organizing Chair – One Day National Level Workshop on “Data Science and Image Processing using Python”, 31st August 2018.
- Guide for B.Sc V Semester Students at one day science exhibition organized by science and technology in association with department of collegiate education, Karnataka government.
- Organizing secretary – National Science Day and workshop on the same day on “Latex Writing” for computer science students & faculty.
- Conducted many extension activities.
- Organizing secretary – Career Oriented workshop for science students.
- Extension activity at KEB Govt. School and Race School, where I taught computer fundamentals for students and trained teachers “Use of ICT tools in Teaching, Learning & Evaluation respectively in the year 2017 & 2020.

18. Invited Talks and Subject Expert:

- Delivered two days of lecture as resource person HRDC Academic Staff College DAVV, Indore, Madhya Pradesh.
- Went as subject expert for the recruitment of computer science faculty at Veerashiva College, Raichur.
- Resource person of Yuva-Spandana Programme at District Youth & Sports Office at Bellary, 2018.
- Delivered a lecture on “Object Oriented Programming” for B.Sc Computer Science students of Govt. First Grade College, Manvi.

19. Orientation Course:

UGC sponsored orientation course, MANUU, Hyderabad, 2010.

20. Refresher Course: UGC sponsored refresher course, MANUU, Hyderabad, 2012 & 2019, UGC-HRDC, Gujarat 2020 (03 Refresher Courses).

21. No. of Workshops/Conferences/Trainings attended: 29.

22. Research Projects Applied: DST (Department of Science and Technology).

23. Major Research Publications:

- Basavaprasad B. and Ravindra S. Hegadi, "Graph Theoretical Approaches for Image Segmentation", Avishkar – Solapur University Research Journal, Vol. 2, 2012.
- Basavaprasad B. and Ravindra S. Hegadi, "A Survey on Traditional and Graph Theoretical Techniques for Image Segmentation", International Journal of Computer Applications (0975 – 8887), Recent Advances in Information Technology, 2014.
- Basavaprasad B. and Ravindra S. Hegadi, "Improved GrabCut Technique for Segmentation of Color Images", International Journal of Computer Applications (0975 –8887), Recent Advances in Information Technology, 2014.
- Basavaprasad B. and Ravindra S. Hegadi, "A Graph Theoretical Network Model on Human Heart", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 9 No. 20, 2014.
- Basavaprasad B. and Ravindra S. Hegadi, "Color Image Segmentation Using Adaptive GrowCut Method", International Conference on Advanced Computing Technologies and Applications (ICACTA), 2015.
- Basavaprasad B and Ravindra S Hegadi, "A Systematic Study on Applications of Graph Theory in Image Processing with a Focus on Image Segmentation", International Journal of Scientific & Engineering Research, ISSN 2229-5518, Volume 7, Issue 5, Pages 74-76,2016.
- Basavaprasad B and Ravindra S Hegadi, "Fast and Hybrid Image Segmentation Based on Level set and Normalized Graph Cut", International Journal of Computer Systems, ISSN:2394-1065, Volume 04, Issue 02, 2017.
- Basavaprasad B and Ravindra S Hegadi, "Image Segmentation Using MSNCut Algorithm", International Journal of Computer Applications, ISSN: 0975 – 8887, Volume 162, Issue 3, 2017.
- Basavaprasad B and Ravindra S Hegadi, "Automatic Multi Stage Image Segmentation Using Normalized Cut in Gradient Image”, Advances in Computational Sciences and Technology, ISSN: 0974-4738, 2017.
- Basavaprasad B and Ravindra S Hegadi”, “A Fusion Technique of Image Enhancement and Segmentation using Fuzzy Rule and Graph Cut Method", Asian Journal of Information Technology, ISSN: 1993-5994, 2017.
- Basavaprasad B and Ravindra S. Hegadi, "A Comparative Analysis of Graph Based Techniques with Hybrid Method for Image Segmentation", Journal of Advanced

Research in Dynamical & Control Systems, 05-Special Issue, July 2017.

- Basavaprasad B and Ravindra S. Hegadi, “Graph Theory and its Application to Image Segmentation”, International Conference on Energy, Communication, Data Analytics and Soft-Computing, 2017.
- Basavaprasad B and Ravindra S. Hegadi, “Enhanced Bat Algorithm with Super- Region Volume Segmentation Workbench for MRF Images”, Journal of Computational and Theoretical Nanoscience (CTN).
- Bhawna Nigam, Ramakrshnan M R, Basavaprasad B, “Improved BAT Algorithm using Super-Region Volume Segmentation for Medical Images”, International Journal of Innovative Technology and Exploring Engineering, Vol.8, Iss.10,July-2019.
- R S Upendra, I M Umesh, R B Ravi Varma, B Basavaprasad, “Technology in Indian Agriculture – A Review”, Indonesian Journal of Electrical engineering and Computer Science, Vol.20, No.2, 2020.
- Basavaprasad B, “A Hybrid Technique of Image Segmentation using Enhanced Graph Based Mechanism”, Science, Technology and Development Journal, Volume-9, Issue-6, June, 2020.
- Bhawna Nigam, Anvika Sharma, Basavaprasad B and Niranjnarmurthy M, “Analysis of Rice Ageing Process Using Fuzzy and Graph Cut”, Journal of Computational and Theoretical Nanoscience, Vol.17, 4446-4449, 2020.

Place: RAICHUR

Date:

Dr. BASAVAPRASAD B.