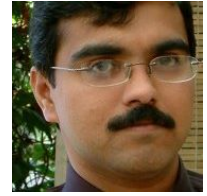


Personal Profile

Name : Dr K C Ravishankar
Father Name : K C Chandrashekhar
Date of Birth : 7th March 1969
Designation & Department : Principal (In-Charge) and
Professor, Dept. Of CSE
Government Engineering College,
Hassan
Contact No : +91-9448895123
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: kcrshankar@gmail.com



1. General Information

| Aadhar Number | EPIC Number | PAN | Passport Number | Blood Group |
|----------------|-------------|------------|-----------------|-------------|
| 2785-1187-6874 | NMD1487396 | ACZPR3581N | | A+ |

2. Professional Experience (in years)

| Teaching | Industrial | Research | Total |
|----------|------------|----------|--------|
| 26 | 0 | 10 | 26(10) |

3. Academic & other Qualifications in descending order

| S.N | Course | University | Discipline | Specialization |
|-----|---------|---|----------------------------------|----------------------------------|
| 1. | Ph.D | Visvesvaraya Technological University, Belagavi | Computer Science and Engineering | Computer Science and Engineering |
| 2. | M.Tech. | Indian Institute of Technology, Delhi | Computer Science and Engineering | Computer Science and Engineering |
| 3. | B.E. | Mysuru | Computer Science and Engineering | Computer Science and Engineering |

4. Address

| Working | Residential |
|---|--|
| Principal(In-Charge) and Professor in Department of Computer Science and Engg. Government Engineering College, B M Road, Dairy Circle, HASSAN – 573 201. | 'Shankaraprasada', I Main, I Stage, Sangameshwara Extn. Hassan- 573 202. |

5. Previous Experience

Worked as Faculty in various capacities at Malnad College of Engineering, Hassan, Karnataka from 1990 to 2010.

6. Workshops/Seminars/Conferences Attended

1. Participated as an NBA Evaluator in an orientation and training workshop on Outcome Based Education held on 8-9th September, 2013 conducted by NBA, New Delhi at NMIMS, Bangalore

2. Participated in the Spoken tutorial workshop conducted by DTE, Karnataka and IIT Bombay at Acharya Institute Bangalore on 26th July, 2013
3. Acquired M. Tech degree in “Computer Science and Engineering” from IIT, Delhi during 1998.
4. Participated in IBM-VTU Training Program conducted during August/September 2001 at Bangalore.
5. Participated in IBM-VTU Training Program conducted during February/March 2002 at Bangalore.
6. Participated in ISTE summer school on Recent Developments and Advances in Database systems conducted at K.R.E.C. Surathkal, during June 5 - 17, 1995.
7. Participated in Train the trainer workshop on Software Engineering conducted by Infosys Technologies of Bangalore, during September 1996.
8. Participated in ISTE sponsored National Workshop on Recent Advances in Parallel Computing and Applications conducted at K.R.E.C. Surathkal during March 1997.
9. Participated in ISTE sponsored Short term training programme on Robotics for Industrial Applications Conducted at Malnad College of Engineering during March 15-27, 1999
10. Participated in 5th National workshop on Cryptology, 12-14 August, 2005, JNNCE, Shimoga.
11. Participated in Workshop on Campus wide Networking at BMS College of Engineering during, August, 2005
12. Participated in Workshop on Campus Wide Networking at College of Engineering, Guindy, Chennai, 8-9, September, 2005.
13. Participated in National Level Workshop on Security in Distributed and Parallel Environment at Erode Sengunthar Engineering College, 18-21, January, 2006
14. Participated in SUN SOLARIS System Administration, 7-11, August, 2006, SDM Dharwar.
15. Participated in Ethical Hacking and Countermeasures, 16-17, December 2006 at CSI, Bangalore
16. Participated in Intel Multi-core Programming, VTU-Intel Program, 28-30, March, 2007, RVCE, Bangalore.
17. Attended 2nd National conference on “Data Analysis and recognition” conducted at PESCE, Mandya during 11-12, July 2003.

Invited Talks Given

1. Presented a Technical talk on “Essentials of Cloud Computing for Digital India” at BGSIT, BG Nagar on 20th October, 2015.
2. Presented a Technical talk on “Need of Cloud Computing for Digital India” in the “Digital India Week” conducted at Master Control Facility, Hassan on 7th July, 2015.
3. Presented a Technical talk on “Image security” in the National conference on Multimedia and information security held at NMAMIT, NITTE, on 26th February, 2014.
4. Presented a keynote address on “Emerging Trends and Research Avenues in Image Processing” at a TEQIP sponsored National workshop conducted at Malnad College of Engineering on 1st July, 2013.
5. Presented a technical talk on “Image Security” at a TEQIP sponsored National workshop conducted at Malnad College of Engineering on 3rd

- July, 2013.
6. Worked as Chairperson for the International Conference on Current Trends in Engineering and Management held at VVCE, Mysore during July, 2012
 7. Worked as Reviewer for various International Conferences.
 8. Participated as a Chief guest in FIESTA 2013 on 8th May, 2013 at BCE, Shravanabelagola.
 9. Presented a technical talk on "Overview of Computer Networks and Essentials of Information Security" on 24th April, 2013 at Rajeev Institute of Technology, Hassan.
 10. Presented a technical talk on "How To! Project Development and Report Writing" on 17th October, 2012 at Adichunchanagiri Institute of Technology, Chikmagalur
 11. Presented a technical talk on "Overview of Computer Networks and Information Security" on 1st October, 2011 at Kalpataru Institute of Technology, Tiptur
 12. Presented a technical talk on "Network Configuration and Management" on 25th March, 2011 at a state level technical fest "INFINITY" conducted by Dept. of ISE, MCE, Hassan.
 13. Presented an expert lecture on "Network Configuration and Management" on 25th February, 2011 at a state level Faculty Development Program conducted by AIT, Chikmagalur.
 14. Presented a keynote address on "Pedagogy through Information and Communication Technology" at UGC sponsored State Level Seminar conducted at Govt. Arts College, Hassan on 19th February, 2011
 15. Presented a guest lecture on "Remote connections through VPN" at Sahyadri Institute of Engineering and Management, Mangalore during March 2009.

Technical Paper Presented in Conferences/seminars

1. Presented a research paper in the International Conference on Content Based Image Retrieval (ICCBIR-2008), PESIT, Bangalore , July 16-18, 2008
2. Presented a paper in the National Conference on Intelligent Data Analytics and Pattern Discovery-2007, BIT, Sathyamangalam, March 15-16, 2007.
3. Presented a technical research paper in the IEEE-International conference on Computing and informatics, June 6-8, 2006, Kaula Lumpur, Malaysia.
4. Presented a paper in the National conference on Vision, Graphics and Image processing, 2-3, March, 2005, JNNCE, Shimoga
5. Presented a paper in the PGFest-2004, 7-8th May, 2004, A Technical paper presentation and exhibition, IEEE Student chapter, NMAMIT, Nitte.
6. K.C.Ravishankar & M.G. Venkateshmurthy, *Region based Selective Image Encryption*, Proceedings of IEEE International Conference on Computing and informatics, Malaysia, June 6-8, 2006, <http://ieeexplore.ieee.org/iel5/5256112/5276414/05276550.pdf?>
7. K.C.Ravishankar & M.G. Venkateshmurthy, *A new region based image encryption technique*, PGFEST-2004, IEEE Student Chapter, NMAMIT, Nitte, pp CS81-CS84.

7. Area of Research Interests

Image Processing, Cryptography, Computer Networks and Information

8. Research Guidance

Currently 6 (Six) students are pursuing their Ph.D. degree

9. Research Publications

Papers Published in National / International Journals and Conferences

1. Raghu M E, K C Ravishankar " A study on securing large data using parallel machines ", National Conference on Recent Trends In Network Security, SIT, Mangalore, April 14-15, 2012.
2. Raghu M E, Pradeep Pai T, K C Ravishankar "Video Encryption for Secure Multimedia Transmission - A Layered Approach" , 3rd International Conference on Eco-friendly Computing and Communication Systems, NITK, Surathkal, December 18-21, 2014, pp 127-132.
3. Raghu M E, K C Ravishankar "APPLICATION OF CLASSICAL ENCRYPTION TECHNIQUES FOR SECURING DATA- A THREADED APPROACH", International Conference on Communication, Network and Computing", Chennai, Mar 18, 2015, PP 143-150.
4. Raghu M E , K C Ravishankar "APPLICATION OF CLASSICAL ENCRYPTION TECHNIQUES FOR SECURING DATA- A THREADED APPROACH", International Journal on Cybernetics and Informatics (IJCI) Vol. 4, No. 2, April 2015, PP 125-132
5. Rajith Kumar B K , H S Mohana, K C Ravishankar, *Template Matching Method For Recognition Of Stone Inscribed Kannada Characters Of Different Time Frames Based On Correlation Analysis*, Vol 3 No 3, IJ CER, 2014
6. K Paramesha and K C Ravishankar. "A perspective on sentiment analysis" In Proceedings of ERCICA 2014- Emerging Research in Computing, Information, Communication and Applications, volume 1, pages 412418, NMIT, Bengaluru,India, August 2014. Elsevier.
7. Paramesha K, K C Ravishankar *Optimization Of Cross Domain Sentiment Analysis Using Sentiwordnet*, IJFCST, September 2013, Volume 3, Number 5
8. Ravishankar K. C., Prasad B. G., Gupta S.K. and Biswas K. K., *Dominant Color Region Based Indexing for CBIR*, IEEE ICIAP-1999, pp. 887-892.
9. Ravishankar K. C. and et.al., Handwritten Signature Embedding in Photographs – An authentication mechanism for internet based transactions, CSI 37th National Convention 2002, pp. 137-145.
10. Ravishankar K. C. and et.al., *Shape and Color Based Indexing for Image Retrieval-A Combined Approach*, CSI 37th National Convention 2002, pp. 185-196
11. K.C.Ravishankar & M.G. Venkateshmurthy, *A new region based image encryption technique*, PGFEST-2004, IEEE Student Chapter, NMAMIT, Nitte, pp CS81-CS84.
12. K.C.Ravishankar & M.G. Venkateshmurthy, *Template Based Selective image encryption*, Indian Journal of Information Science and Technology, Vol. I. Issue II, May 2006 pp. 44-54.
13. K.C.Ravishankar & M.G. Venkateshmurthy, *Region based Selective Image Encryption*, Proceedings of IEEE International Conference on Computing and informatics, Malaysia, June 6-8, 2006,
<http://ieeexplore.ieee.org/iel5/5256112/5276414/05276550.pdf?tp=&arnumber=5276550&punumber=5256112>
14. K C Ravishankar, Paniraj KM, H S Prabhakara, H S Mohana, *Genetic*

- algorithm based Lossless Image compression* NVGIP-2005, JNNCE, Shivamogga, March 2-4, Abstract pp 26.
15. A. Geethakiran, M.G. Venkateshmurthy, K.C.Ravishankar, *Fuzzi rule based Face recognition and synthesis*, National Conference on Communication Technologies, Mepco Schlenk Engg. College, Sivakasi, March 10-11, 2006, pp. 325-327
 16. H S Chandrashekar, K C Ravishankar, H S Prabhakara, M G Venkateshmurthy, *Audio Watermarking – a spatial domain approach* National Conference on Communication Technologies, Mepco Schlenk Engg. College, Sivakasi, March 10-11, 2006, pp. 158-161.
 17. H S Mohana, M Aswathakumar, K C Ravishankar, G Shivakumar , *Vehicle Velocity tracking using cumulative optical flow analysis*, NCIICT, PSGCE, Tamilnadu, July -8, 2006, pp. 289-294.
 18. K C Ravishankar and M G Venkateshmurthy, *Pixel compaction and encryption for secure image transmission*, National Conference on Intelligent Data Analytics and Pattern Discovery-2007, BIT, Sathyamangalam, March 15-16, 2007.
 19. K C Ravishankar and M G Venkateshmurthy, *Image Content Selection and Encryption scheme for Secure Web Transactions*, proceedings of International Conference on Content Based Image Retrieval (ICCBIR-2008), PESIT, Bangalore , July 16-18, 2008, pp 164-168.
 20. Network Programming, H S Prabhakara & K C Ravishankar, Lecture Note for MS-IT, Kuvempu University, 2005
 21. Content Development for the subject Cryptography and Network Security, Pearson education and VTU Online education project.

11. Scientific Citations

66 as on 2016; H-index: 3; i10-index: 2

12. Achievements / Awards

- Recipient of National Rural Merit scholarship.
- Best Project of the Year Award for the Project “Multi-Linguistic People Search” by Karnataka State Council for Science and Technology for the year 2008-09.

13. Administrative responsibilities(past three years)

1. Worked as Expert committee member constituted by Govt. of Karnataka and inspected Engineering Colleges during 2014-15
2. Working as Head of the department, CSE and RTI officer, GEC, Hassan
3. Worked as NBA expert for the year 2013-14 and inspected engineering institutions.
4. Working as Nodal Officer, National Knowledge Network Project, GEC, Hassan.
5. Presently working as Member, BOG, at Shridevi Institute, Tumkur as Govt. of Karnataka nominee.
6. Presently working as Member of Local Inspection Committee Member, VTU, Belgaum for the year 2014-15 and also for the year 2012-13 and 2013-14, 2014-15
7. Appointed as District Level Nodal Officer for EVM tracking and Randomization for the Karnataka State Elections – 2013
8. Presently working as Member B.O.E. Dept. of Computer Science and Engineering, SJCE, Mysore
9. Presently working as Member B.O.E. Dept. of Computer Science and Engineering, MCE, Hassan
10. Worked as member B.O.E of VTU during 2010-11
11. Worked as co-opted member for VTU examination work during

2002-03.

12. Worked as coordinator for DRS-IEP programme conducted by VTU/Bites during March/April 2003.
13. Worked as Network administrator as an additional responsibility at MCE during September, 2004- September 2010.

14. Memberships of professional bodies

| S.No | Name of the Professional Body | Membership No. | Tenure |
|------|--|----------------|-------------------|
| 1. | Institution of Electronics and Telecommunication Engineers | F188532 | Fellow- Life Time |
| 2. | Computer Society of India | I0005164 | Life Member |
| 3. | Indian Society for Technical Education (ISTE), New Delhi | LM14973 | Life Member |

15. Co-Curricular activities.

1. Involved in the inspection of High schools of Hassan district under Mahiti Sindhu Programme of Government of Karnataka.
2. Conducted a course on DB2 for students during November/December 2001.
3. Coordinated a one week workshop on Internet awareness program for House wives under TEQIP
4. Given guest lectures in the workshops conducted by various departments in the institute and other neighboring institutions.
5. Successfully completed a cost effective Campus wide networking project at Malnad College of Engineering, Hassan
6. Developed online examination portal for online examination conducted at MCE, Hassan
7. Worked as Coordinator for Campus-wide networking and network infrastructure development of MCE.
8. Administered the network needs of MCE during 2004-2010.

15. Countries visited

- Malaysia
- Singapore