

Dr. Ravindranath Chowdary C

ravindranathchowdaryc@gmail.com
<http://www.cse.iitm.ac.in/~chowdary>

RESEARCH INTERESTS Information extraction, Text summarization, Natural Language Processing, Designing Algorithms.

EDUCATION **Ph.D.**, Dept. of CS&E, Indian Institute of Technology Madras , January 2006 – July 2009

Thesis Title: *Efficient Query-Specific Summarization of Text Documents*

Adviser: Prof. P. Sreenivasa Kumar

IIT Madras, Chennai, India

CGPA 9.0/10

M.E., Dept. of CS&E, UVCE, December 2003 – December 2005

Thesis Title: *A Secure Image Steganography*

Adviser: Prof. K. R. Venugopal

University Visvesvaraiah College of Engineering, Bangalore, India

Aggregate 79.29%

B.E., Department of Information Science and Engineering, August 1999 – July 2003

M.S. Ramaiah Institute of Technology, Bangalore, India

Aggregate 67.90%

Intermediate Kora Junior College, Nellore June 1997 - April 1999

Aggregate 91.40%

SSC Dr. C V Raman EM High School, Nellore June 1996 - March 1997

Aggregate 81.50%

PUBLICATIONS

- **C. Ravindranath Chowdary** and P. Sreenivasa Kumar, “USUM: Update Summary Generation System”, *Advances in Computational Linguistics*. RCS Vol. 41, pp. 229-240, 2009,
- **C. Ravindranath Chowdary** and P. Sreenivasa Kumar, “ESUM: An Efficient System for Query-specific Multi-document Summarization ”, In proceedings of 31st European Conference on Information Retrieval(ECIR), pages 724 - 728, Toulouse, France, April 2009.
- **C. Ravindranath Chowdary** and P. Sreenivasa Kumar. “Sentence Ordering for Coherent Multi-document Summary Generation.” In Proceedings of 25th British National Conference on Databases (BNCOD), pages 40 - 50, Cardiff University, UK, July 2008. Springer.
- **C. Ravindranath Chowdary** and P. Sreenivasa Kumar, “An Incremental Summary Generation System” In Proceedings of 14th International Conference on Management of Data (COMAD), pages 83 - 92, IIT Bombay, Mumbai, India, December 2008.
- M. Sravanthi, **C. Ravindranath Chowdary**, and P. Sreenivasa Kumar. “Slides-Gen: Automatic Generation of Presentation Slides for a Technical Paper Using

Summarization” In proceedings of 22nd International FLAIRS Conference, pages 284-289, Florida, USA, May 2009. AAAI Press.

- M. Sravanthi, **C. Ravindranath Chowdary**, and P. Sreenivasa Kumar. “QueSTS: A Query Specific Text Summarization System” In Proceedings of the 21st International FLAIRS Conference, pages 219 - 224, Florida, USA, May 2008. AAAI Press.
- **C. Ravindranath Chowdary** and P. Sreenivasa Kumar, “Update Summarizer using MMR Approach” In Proceedings of Text Analysis Conference(TAC 2008), NIST, Maryland, USA, November 2008.
- **C. Ravindranath Chowdary** and P. Sreenivasa Kumar, “S-SUM: Summarizing the Summaries”, Accepted at IEEE International Symposium on Mining and web, Bradford, UK, May 2009.
- K.B. Raja, **C.R. Chowdary**, K.R. Venugopal, L.M. Patnaik, “A Secure Image Steganography using LSB, DCT and Compression Techniques on Raw Images” In proceedings of IEEE 3rd International Conference on Intelligent Sensing and Information Processing, pages 170 - 176, Bangalore, India, December 2005. IEEE Computer Society.
- K. B. Raja, **C. R. Chowdary**, Venugopal K. R., L. M. Patnaik, “A Secure Image Steganography on Raw Images”, International Journal of Computer Science and Network Security, Vol. 5, pp 123 -129, 2005.

ABSTRACTS

- PhD: WWW contains huge amount of information. It is a tedious task for a user to go through all the documents available to him to satisfy his information need. A query specific text summarization is one of the solutions to this information overload problem. Challenges in summarization are scalability, ordering of sentences within the summary, efficiency etc. All these challenges were addressed by us.
- M.E: Steganography is an art of hiding payload in cover images. A study was conducted on different hiding mechanisms in RAW images. Both LSB and DCT techniques were used to accomplish this task.

SKILLS

- Adapting to the environment and making friends with ease.
- Motivating people around me.
- Identifying the research problems and solving them to an extent.
- Equally good at both technically specialized and general interest presentations.

POSITIONS

Teaching Assistant
Dept. of CS&E

UVCE
Bangalore

December 2003 - December 2005

Theory of Computation, Data Structures Lab, Mini Project and Research Assistant to Prof. Venugopal

Teaching Assistant
Dept. of CS&E

IIT Madras

January 2006 - March 2009

Mathematical Concepts for Computer Science, Introduction to Databases and Data Mining

- HONORS/AWARDS
- Qualified for HTRA given by MHRD Govt. of India during Ph.D (January 2006-March 2009).
 - Topper of M.E in CS&E.
 - Recipient of GATE Scholarship during M.E (2003-2005).
 - Qualified in GATE 2003 secured 93.34 percentile.

PERSONAL
DETAILS

Date Of Birth : 01 March 1982
Father's Name : Shri Venkatachalamaiiah
Sex : Male
Category : General
Nationality : Indian

REFERENCES

Dr. P Sreenivasa Kumar
Professor, Department of CS&E
IIT Madras, Chennai 600 036
Phone: 91-44-22574366
psk@cse.iitm.ac.in

Dr. B Ravindran
Associate Professor, Dept. of CS&E
IIT Madras, Chennai 600 036
Phone: 91-44-22574370
ravi@cse.iitm.ac.in

Dr. Deepak Khemani
Professor, Dept. of CS&E
IIT Madras, Chennai 600 036
Phone: 91-44-22574365
khemani@iitm.ac.in