

Dr. B.G. Prasad
Professor & Head



Educational Qualification

- Ph. D : Indian Institute of Technology, New Delhi, December 2003.
Thesis Title: “Integrated Visual Feature-Based Indexing for Content Based Image Retrieval”.
- M. Tech : Computer Science and Engineering from Indian Institute of Technology, New Delhi in 1992 with 1st Class 7.63 CGPA.
- B. E. : Computer Science and Engineering from P.E.S.College of Engineering, Mandya in 1987 with 1st Class Distinction 70.5 %

Experience

22 years of Teaching in Computer Science and Engineering.

- Lecturer from 18.12.87 to 27.1.93 at PESCE, Mandya.
Assistant Professor from 27.1.93 to 20.1.2004 at PESCE, Mandya.
Professor from 20.1.2004 to 31.3.2006 at PESCE, Mandya.
Professor & HOD from 1.4.2006 to 6.1.2010 at EPCET, Bangalore.
Professor & HOD from 7.1.2010 till date at BNMIT, Bangalore.

Sponsored Projects

- AICTE MODROBS project (1994-95) in CSE Department, PESCE, Mandya
- AICTE RPS project (2005-2008) worth Rs. 500000 on **Semantic Based Techniques for Indexing and Retrieval Images.**
- AICTE RPS project (2008-2011) worth Rs. 575,000 on **Semantic Based Techniques for Indexing, Retrieval and Classification of Medical Image Databases.**

Research Activities

1. Research / Doctoral work leading to Ph. D. at IIT Delhi, New Delhi from July 1996 to July 2003.
2. Research work on Content-Based Image Indexing and Retrieval as part of **AICTE Young Teachers Career Award** carried out at PESCE Research Center, Mandya and IIT Delhi between 1999 and 2002.
3. Was granted Rs. 500,000 for AICTE RPS project (2005-2008) on **Semantic Based Techniques for Indexing and Retrieval Images.**
4. Was involved in setting up Multimedia Laboratory under MODROBS project under AICTE grants in 1994-95 in CSE Department, PES College of Engineering, Mandya.
5. Involved in setting up of PG Lab and R&D Center in Department of CSE, East Point College of Engineering and Technology, Bangalore.
6. Granted Rs. 575,000 for AICTE RPS project (2008-2011) on **Semantic Based Techniques for Indexing, Retrieval and Classification of Medical Image Databases.**

Publications

1. Information Technology for Education, National Conference on Information Technology for Industrial and Organization Development, 17-18 Oct. 1997, New Delhi, India.
2. Dominant Color Region Based Indexing for CBIR, ICIAP99 (International Conference on Image Analysis and Processing), Sept. 1999, Venice, Italy. Proceedings published by IEEE Computer Society Press.
3. Color and Shape based Index for Region based Image Retrieval, IWVF4 (International Workshop on Visual Form), 28-30 May, 2001, Capri, Italy. Proceedings published by LNCS (Lecture Notes in computer Science).
4. Content-Based Image Retrieval using Low-Dimensional Shape Index, NCDAR 2001 (National Conference on Document Analysis and Recognition), 13-14 July 2001, Mandya, India.
5. Low-Dimensional Color-Location Based Index to Retrieval Images by Content, NCACA 2002 (National Conference on Advanced Computer Applications), 11-12 October 2002, Coimbatore, India.
6. Region-Based Image Retrieval using Integrated Color-Shape-Location Index, ICVNZ 2002 (International Conference on Image and Vision Computing, New Zealand), 26-28 November 2002, Auckland, New Zealand.
7. Region-Based Image Retrieval using Integrated Color-Shape-Location Index, CVIU Journal - Computer Vision And Image Understanding: Special Issue On Colour For Image Indexing And Retrieval Edited by Theo Gevers, Graham Finlayson and Raimondo Schettini, Vol. 94/ Issue 1-3, pp 193-233, April-June 2004.
8. Semantic-Based Indexing & Retrieval of CT Brain Images, ICACC 2007 (International Conference on Advanced Computing and Communication), 9-10 February, 2007, Kariapatti, Tamil Nadu, India.
9. Texture-Based Image Retrieval, National Conference on Recent Trends in Information Technology, NCRTIT 2007 held at SBJ Institute of Technology, Bangalore, May 2007.
10. Semantic-Based Indexing & Retrieval of CT Brain Images using Asymmetric Features, International Journal of Imaging Science and Engineering (IJISE) Vol. 1, No 3, pp 81-85, July 2007.
11. Board Support Package for RISC Microcontrollers, National Conference on Advanced Computing and Wireless Networks (ACWIN10) held at HKBK College of Engineering, Bangalore, 29th and 30th April 2010.
12. ROI-Segmentation for Medical Image Retrieval, Second International Conference on Multimedia and Content Based Image Retrieval (ICMCBIR 2010), held at PES Institute of Technology, 21st -23rd July 2010.
13. Medical Imaging and Retrieval: A Review, Communicated to Journal of CSI (Computing Society of India).

Awards

- Awarded Merit Scholarship of the Directorate of School Education, Karnataka (1981-83) (For SSLC performance)

Achievements

- AICTE Young Teachers Career Award (1999-2002)