

Dr. Mahantesh C. Elemmi

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Job Objective

A qualified faculty from an NBA accredited and ISO: 9001-2015 recognized Engineering College with more than 18 years of impeccable track record in teaching, looking for an excellent opportunity at a well known Engineering College where I can pursue research, while sharing the knowledge with students for their betterment.

Employment History

Professor, Jain College of Engineering & Research, Belagavi.

Jan. 2021 – Till date

Assistant professor, S. G. Balekundri Institute of Technology, Belagavi.

Aug. 2020 – Dec. 2020

Assistant professor, Jain College of Engineering & Research, Belagavi.

Aug. 2019 – Aug. 2020

Assistant professor, K.L.E. Institute of Technology. HUBBALLI, Karnataka.

Aug. 2010 – Jul. 2019

Lecturer, Basaveshwar Engineering College, Bagalkot, Karnataka.

Apr. 2006 – Jul. 2010

Lecturer, Tontadarya College of Engineering, Gadag, Karnataka.

Sep. 2005 – Mar. 2006

Lecturer, RPA First Grade College, Bangalore. Bangalore, Karnataka.

Apr. 2004 – Mar. 2005

Academic Background:

In **2020** Obtained **Ph.D.** in Computer and Information Science from Visvesvaraya Technological University, Belagavi.

In **2008** Obtained **M.Tech** with **FCD** in Computer Science and engineering from Visvesvaraya Technological University, Belagavi.

In **2002** Obtained **B.E.** with **FC** in Computer Science and Engineering from Karnataka University, Dharwad.

Skills

- Excellent experience in C programming
- Expertise in Data structures using C
- Expertise in Logic Design and Microprocessor 8086 Programming
- Excellent experience in MATLAB

Research Highlights

Successfully **Completed Ph. D** under the guidance of Dr. B. S. Anami, Principal, KLEIT, Hubballi, on the research topic entitled “**Characterization and Classification of Common Fabric Materials and Their Defects**”, at **VTU, Belagavi, 2020**.

Published **EIGHT** technical papers in reputed International Journals (**ONE** paper is under review).

Publications

Anami Basavaraj S., and Mahantesh C. Elemmi. "A Rule Based Approach for Classification of Shades of Basic Colors of Fabric Images." *International Journal of Signal Processing, Image Processing and Pattern Recognition* 8.2 (Q3 Indexed Journal): pp: 389-400, 2015.

Anami Basavaraj S., and Mahantesh C. Elemmi, "A Rule Based Approach for Classification of natural and man-made fabric images." *International Journal of Advanced Intelligence Paradigms* (Q4 Indexed Journal), 2015.

Anami, Basavaraj S., and Mahantesh C. Elemmi, "Comparative Analysis of Rule Based and K-Nearest Neighbour Approaches for Classification of Different Shades of Basic Colours in Fabric Images." *Journal of Image Processing and Artificial Intelligence* Vol. 2, pp: 1-15, 2017.

Anami, Basavaraj S., and Mahantesh C. Elemmi, "Artificial neural network based classification of varieties of thin and thick fabric images", *International Journal of Image Processing and Pattern Recognition* Vol.4, pp:31–41, 2018.

Anami, Basavaraj S., and Mahantesh C. Elemmi, "Comparative Study of Certain Classifiers for Variety Classification of Certain Thin and Thick Fabric Images." *International Journal of Image, Graphics and Signal Processing 11*", Vol. 1, pp: 54. 2019.

Anami, Basavaraj S., and Mahantesh C. Elemmi, "Classification of Varieties of Plain, Patterned and Un-patterned Fabric images", *Journal of Image Processing and Artificial Intelligence* 2018.

Anami, Basavaraj S., and Mahantesh C. Elemmi. "ANN Approach for Classification of Different Origin Fabric Images." *International Journal of Image, Graphics and Signal Processing*". Vol. 12, pp. 29-38, 2019.

Anami, Basavaraj S., and Mahantesh C. Elemmi, "Comparative analysis of SVM and ANN classifiers for Defective and Non-defective Fabric images classification", *Journal of Textiles Institute*", <https://doi.org/10.1080/00405000.2021.1915559>.

Anami, Basavaraj S., and Mahantesh C. Elemmi and Chetan Sagarnal, "Defective and Non-defective Classification of Fabric Images Using Shallow and Deep Networks", *International Journal of advances in Science and Technology*. (Communicated to **Q4 indexed** journal).

Accomplishments

Worked as Remote center coordinator/Workshop coordinator for the following workshops conducted under National Mission on Education Through Information and Communication Technology (**MHRD**) conducted by IIT, Bombay and IIT, Kharagpur:

- Pedagogy for Effective use of ICT in Engineering Education
- Control Systems
- Introduction to Design of Algorithms workshop
- Environmental Studies workshop.

Awards

Motorola & KSCST Sponsored projects:

- **KSCST** sponsored project “Recognition of Osteoporosis through CT images”, Year: 2013-14.
- **Motorola** scholar award for the project “Chronic obstructive pulmonary disease recognition from X-ray and CT images”, Year: 2014-15.
- **KSCST** project of the year award, “Colour and Size Based Indian Grapes Variety Identification and Quality Grading from Images”, Year: 2014-15.
- **KSCST** sponsored project ”A rule based classification of human brain strokes using CT images”, Year: 2015-16.
- **Motorola** sponsored and **shortlisted** project in the Final round ”A rule based classification of human brain strokes using CT images”, Year: 2015-16.

Responsibilities shouldered

- Working as Placement Officer, SGBIT, Belagavi.
- Worked as Dean, Jain College of Engineering and Research, Belagavi.
- Department ISO coordinator
- Department Placement coordinator
- Worked as trainer at college level to train students on C language and Data Structures
- Actively participated in NBA work.

Personal details

Date of Birth : 23rd Feb1980.

Father’s Name : Channamallappa.

Marital Status : Married

Nationality : Indian

Declaration:

I, hereby declare that all the information provided above is true to best of my knowledge.

Yours faithfully,

(Mahantesh C. Elemmi)