

FACULTY PROFILE

Name of the Faculty	Hema N	Paste Recent Photograph
Department	Information Science and Engineering	
Qualification	MTech	
Designation	Assistant Professor	
Area of Specialization	Kannada Character Recognition, Medical Image Processing	
Date of Joining Institution	20/4/2011	
Association with the Institution (Regular / Visiting / Adjunct / Contract)	Regular	
email – id	hemashekar05@gmail.com	
Phone / Mobile Number(s)	9164312114	
Experience in years	10	

Educational Qualifications

Degree	Branch	Institution	Percentage with Class Obtained	Month / Year of Passing	University
UG: B.E	Information Science & Engineering	BCE, Shravanabelagola	58%	2006	VTU
PG: M.Tech	Computer Science & Engineering	Dr. AIT, Bengaluru	73%	2010	VTU
Ph.D: Pursuing in Medical Image Processing	Computer Science	Research Center, RNSIT, Bengaluru	Pursuing since 2015	-	VTU, Belagavi

Details of Work Experience(s)

Sl. No.	Designation	Organization	Duration
1	Assistant Professor	RNSIT, Bengaluru	April 2011 to till date
2	Lecturer	EPCEW, Bengaluru	July 2010 to April 2011

Subjects taught

- Computer Concepts and C Programming
- Management Information systems
- Logic Design
- Operating System
- Information and Network security
- Software Testing
- Cyber Crime and Digital Forensic
- Data Mining and Data Warehousing
- Analog and Digital Electronics
- Software Testing-CBCS Syllabus
- Machine Learning
- Automata theory and Computability

Academic Roles and Responsibilities

1. Test Coordinator
2. Class Monitoring
3. Result Analysis of the Department
4. Registration Committee - International Conference on Data Engineering and Communication Systems (ICDECS – 2) jointly organized by the Departments of CSE and ISE during Dec 28, 29 2015 at RNSIT, Bengaluru.
5. Technical committee member and Session coordinator - International Conference on Data Engineering and Communication Systems (ICDECS – 3) jointly organized by the Departments of CSE and ISE during Dec 19, 20 2019 at RNSIT, Bengaluru.
6. Mentor for students.
7. Criterion coordinator during NBA – 2018 accreditation processes.

Research Work Details

Publication(s) (National/International Journals)

- 1.
- 2.

Paper(s) Presented (National/International Conferences)

1. Hema N, Dr M V Sudhamani, **Techniques for Detection and Segmentation of Liver and Tumor from the abdominal Images- A Survey**, presented & published in International Conference on Data Engineering and Communication Systems [ICDECS-2015], Dec-2015, India and at **International Journal of Applied Engineering Research (IJAER)** – Scopus Indexed Journal published by Research India Publication, New Delhi. **Online Print: Volume 10, Number 86(2015) Special Issue, Print ISSN: 0973-4562, online ISSN: 1087 – 1090.**

2. Hema N, Laxmidevi Noolvi, Dr. M V Sudhamani, “**Liver and Tumor Segmentation Techniques for CT Abdominal Images**”, has been presented in International Conference on Data Engineering and Communication Systems [ICDECS-2019], Dec-2019, India and published at **International Journal on Innovative Technology and Exploring Engineering (IJITEE)** – Elsevier Scopus Indexed Journal published by Research India Publication, New Delhi.
3. Hema N, Dr. M V Sudhamani, “**Segmentation of Liver from CT Abdominal Images**”, has been presented in International Conference on Data Engineering and Communication Systems [ICDECS-2019], Dec-2019, India and will be published at **International Journal on Innovative Technology and Exploring Engineering (IJITEE)** – Elsevier Scopus Indexed Journal published by Research India Publication, New Delhi.
4. Laxmidevi Noolvi, Hema N, Dr. M V Sudhamani, “**Evaluation of Object Segmentation Techniques for Object Based Image Retrieval**”, has been presented in International Conference on Data Engineering and Communication Systems [ICDECS-2019], Dec-2019, India and published at **International Journal on Innovative Technology and Exploring Engineering (IJITEE)** – Elsevier Scopus Indexed Journal published by Research India Publication, New Delhi.

Workshops / Seminars / FDPs / Training Programmes

1. Two days Faculty Development Programme on *Programming in C and Data Structures* at RNSIT held during 24th & 25th, July 2014.
2. 4 – days symposium on “**Linear Algebra and its Applications on Computer Vision**” from 13th - 16th July 2016 at JSSATE, Bengaluru.
3. Three days FDP on *Fundamentals and Advanced concepts of UNIX* organized by Department of CSE, ISE & MCA, RNSIT during 19 – 21 July 2016.
4. One day FDP on *ARM Processors and Programming* organized by Department of CSE & ISE, RNSIT on 30th January 2017.
5. One day FDP on *OOP with Java* organized by Department of CSE & ISE, RNSIT on 31st January 2017.
6. Two day FDP on *Database Application Development* organized by Departments of ISE & CSE, RNSIT during 2nd – 3rd August 2017.
7. Three days FDP on *Python Programming and Applications* organized by Departments of ECE & MCA, RNSIT during 18th – 20st June 2018.
8. Three days FDP on *Machine Learning* organized by Departments of CSE & ISE, RNSIT during 19th – 21st July 2018.
9. Two days FDP on *Web Technology and its Applications* organized by Departments of ISE & CSE, RNSIT during 23rd & 24th July 2018.
10. One day FDP on **Python and its Applications** on 18th Jan 2020 at RNS Institute of Technology, Bengaluru.
11. One-week FDP on **Artificial Intelligence and Deep Learning** from 27th to 31st Jan 2020, organized by IIT, Guwahati, at RNS Institute of Technology, Bengaluru.

12. One day Webinar on **Deep Learning and its Applications** on 29th May 2020 organized by JSS, Mysuru.

Personal Details

Date of Birth : **05/12/1983**

Gender : **Female**

Marital Status : **Married**

Address : **#193/608, BEML 5th stage, Near BMTC depo,
Rajarajeshwari Nagar, Bengaluru-98**

Date:

Signature