FACULTY PROFILE

Dr. DHANESHA R.

Assistant Professor,
Dept. of Studies in Computer Science,
Qualification   :B.E., M.Tech., NET, KSET, Ph.D.
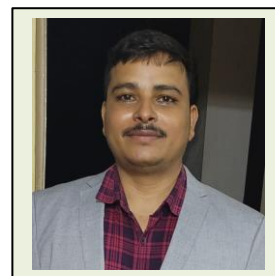*Areas of Specialization   : Computer Science and Engineering*
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Contact Number   :9886771033

Vision

To achieve academic excellence in computer science by importing in-depth knowledge to the students, facilitating research activities and cater to the ever changing industrial demands and societal needs.

Educational Qualifications

Sl. No.	Degree	Specialization/ Subjects	University	Year of Award/ Passing
1	**PhD.,**	Computer Vision and Image Processing	Dr. Shrinivasa Naika C.L. U. B.T. College of Engineering, Davangere. University:- VTU	2023
2	**NET**	Computer Science and Applications	UGC	2017
3	**SLET (Karnataka)**	Computer Science and Applications	UGC	2017
4	**PG (M.Tech.)**	Computer Science and Engineering	Kuvempu University	2010
5	**UG (B.E.)**	Computer Science and Engineering	Visveshwaraya Technological University	2007

Professional Details (Academic/Research Experience)

Sl. No.	Designation	Institution/University	UG/PG	From	To
1	Assistant Professor	Davangere University,	PG	15/07/2019	Till date
2	Assistant Professor	AIT, Chikkamagaluru	UG and PG	01/10/2011	13/07/2019
3	Lecturer	AIT, Chikkamagaluru	UG and PG	01/08/2011	30/09/2011

4	Lecturer	SJMIT, Chitradurga.	UG	13/08/2007	31/07/2011

Areas of Research Interest:	
1	Computer Vision and Image Processing
2	Artificial Intelligence and Machine learning
3	IOT
4	Digital Communication

Academic/Administrative responsibilities:	
AIT, CHIKKAMAGALURU RESPONSIBILITY	
1	Coordinator for 2nd National Conference on Emerging trends and Advances in Information Technology (NCETAIT –2017) April 7th and 8th -2017, held at AIT, Chikkamagaluru.
2	Adhichunchanagiri Engineering sahakara sangha- Director
3	IEEE-International Conference Organizing Committee Member, AIT, Chikkamagaluru.
4	Test Coordinator
5	Seminar Coordinator
6	Sponeous Coordinator
7	Counselling Coordinator
8	Feed-back Coordinator
9	Time table Coordinator
DAVANGERE UNIVERSITY RESPONSIBILITY	
4	E-Attestation Officer.
5	Unified University and College Management System, Nodal Officer.
Department of Studies and Research in Computer Science Responsibility:	
9	Department Coordinator in-charge.
10	Department Student Welfare coordinator.
11	P.G. BOE Member.
12	Invigilation and Valuation duty assigned by department.
13	Self-study Seminar Coordinator.
14	Seminar organizing committee member.
15	Webinar organizing committee member.
16	Computer Concepts Hands-on session for non-teaching computer operators.
17	Paper setter for Basaveshwar Engineering college, Bagalkot (Autonomous).
Other Responsibility	

1	Paper setter for Malnad college of Engineering (M CE), Hassan (Autonomous).--2016
2	Paper setter for Malnad college of Engineering (M CE), Hassan (Autonomous).--2017
3	Paper setter for Basaveshwar Engineering college, Bagalkot (Autonomous).--2019
4	Paper setter for Basaveshwar Engineering college, Bagalkot (Autonomous).--2020

M.Tech./P.G Dissertation

Sl. No.	Course Name	Number of Students
1	M.Tech. Computer Science and Engineering	4
2	M.Sc. Computer Science	11

Research Publications:

a) International Journals

1.	Detection and Tracking of Multiple Moving Objects in Video Sequence using Entropy mask method and matrix scan method, Dhanesha R., Sanjay D.S., Chandra Naik G. International Journal of Advanced Computer Science and Technology Vol 4, pp 49-55, 2014.
2.	Arecanut bunch segmentation using deep learning techniques , AC Anitha, R Dhanesha, Shrinivasa Naika CL, AN Krishna, Parinith S Kumar, Parikshith P Sharma, International Journal of Circuits, Systems and Signal Processing, Vol 16, PP-1064-1073, 2022.

b) National Journals   --NIL--

c) International Conference

1.	Segmentation of Arecanut Bunches using YCgCr color Model, Dhanesha R., Dr. Shrinivasa Naika C.L., Kanthraj Y., 2019 1st International Conference on Advances in Information Technology(ICAIT), AIT, Chikkamagaluru, DOI: 978-1-7281-3241-9/19/ © 2019 IEEE.
2.	Segmentation of Arecanut Bunches using HSV color Model, , Dhanesha R., Dr. Shrinivasa Naika C.L., Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) 14-15, December 2018GSSSIT, Mysuru, DOI: 978-1-5386-5130-8/18 © 2018 IEEE.
3.	R. Dhanesha, D. K. Umesha, C. L. Shrinivasa Naika and G. N. Girish, "Segmentation of Arecanut Bunches: a Comparative Study of Different Color Models," 2021 IEEE Mysore Sub Section International Conference (MysuruCon), 2021, pp. 752-758, doi: 10.1109/MysuruCon52639.2021.9641680.

d) National Conference

1.	Tomato color maturity system using image processing techniques, NCETAIT ISRASE eXplore Digital Library, AIT, Chikkamagaluru, 29-30 Jan 2016.
2.	Face sketch synthesis using greedy search strategy via dictionary learning, NCETAIT ISRASE eXplore Digital Library, AIT, Chikkamagaluru, 29-30 Jan 2016.
3.	Bitplane Image compression using coefficients in parallel, NCETAIT ISRASE eXplore Digital Library, AIT, Chikkamagaluru, 29-30 Jan 2016.

Book Chapters Published:

➢ **Title** : Integrated Intelligent Computing, Communication and security.
  Topic : A novel approach to segment Arecanut bunch using active contour method **Authors** : Dhanesha R., Dr. Shrinivasa Naika C. L.
  Publisher : Springer, Singapore, 2019, Page number-677-682.

Conference/ Workshops/Trainings attended/organized:

National Conferences attended:

1. Automatic method for road extraction from high resolution satellite imagery, NCEIS-2013, SJCIT, Chickballapura, 20 April 2013.
2. Detection of counterfeit images using Adaptive over segmentation and feature point matching, 2nd NCETAIT, AIT, Chikkamagaluru, 7-8th April 2017.

International Conferences attended:

1. ALBA-R : Load balancing geographic routing around connectivity holes in wireless sensor networks, I3CN-2015, CIT, Ponnampet, 08 May 2015.

Workshops Attended:

1. Managing Big Data, AIT, Chikkamagaluru, 27-28 Feb 2015.

2. LABVIEW, AIT, Chikkamagaluru, 8 June 2012.

3. Pre conference workshop on Image Classification, Computer science dept., Mysore University, 28th and 29th March 2018**.**

4. Web Application development using PHP and MYSQL, GMIT, Davangere, 11-12th October 2019.

5. "Python for Everyone & Everwhere" 7th and 8th Nov-2019. Conducted by Dept. of Computer Science and Engineering, GMIT, Davangere.

6. "Neural Networks", 5th June-2020. One day workshop-Conducted by Dept. of Computer Science & Engg., JAIN University, bangalore. (Virtual)

Faculty Development Programme Attended:

1. Emerging trends in Knowledge Discovery and Data Analytics, AIT, Chikkamagaluru, 16th to 21st Jan 2018.

2. Applications of Data Structures, AIT, Chikkamagaluru, 27th Aug 2016.

3. Advanced software engineering and cloud computing, AIT, Chikkamagaluru, 20th sept 2013.

4. Big Data Analytics, AIT, Chikkamagaluru,15th March 2016.

5. "Emerging Trends in Medical Image Processing and Its Applications", 9th to 21st Dec-2019.

FDP-Conducted by Dept. of Computer Science and Engineering, AIT, Chikkamagaluru.

6. Faculty Development Program, 6th to 13th Jan-2020, Organized by Davangere University, Davangere.

7. "Managing Online classes and co-creating MOOCS:2.0", Two weeks-FDP, 18 May to 03 June 2020. Conducted by Teaching Learning center, Ramanujan college, University of Delhi, Sponsored by MHRD, Govt. of India. (Virtual)

8. "Multimedia and Drawing", Two weeks-FDP, 03 June to 16 June 2020. Conducted by Dept. of Computer Science, Govt. First Grade college, Harihara, in association with spoken tutorial IIT Bombay(ICT,MHRD, Govt. of India). (Virtual)

9. "Program on PERL SCRIPTING", 5 Days FDP, 10 June to 14 June 2020. Conducted by Dept. of Computer Science & Engg., Lords Institute of Engineering & Technology, Hyderabad, in association with spoken tutorial IIT Bombay. (Virtual)

10. "Multidisciplinary trends in Information Technology", 21st to 25th July-2020. FDP-Conducted by Dept. of Computer Science and Engineering, AIT, Chikkamagaluru. (Virtual)

11. "Natural Language Processing", 30th June to 4th July-2020. 5 days Virtual FDP-Conducted by School of Computing and Information Technology, REVA University, bangalore.(Virtual)

12. "New Performance Appraisal System & Career Advancement Scheme", 22nd May-2020. National Level FDP-Conducted by IQAC Cell, Seshadripuram Degree College, Mysore.(Virtual)

Quiz /FDP Qualified Test Attended:

1. Qualified in the test conducted as a part of AICTE sponsored Faculty Development Program on "Emerging Trends in Medical Image Processing and Its Applications", held at by Dept. of Computer |Science and Engineering, AIT, Chikkamagaluru.
2. "Quiz on Computer Science", Organised by Dept. of Computer Science & Engg., Proudhadevaraya Institute of Technology, hospaete. (Virtual)
3. "National Level Quiz on Artificial Intelligence and Machine Learning", Organised by Dept. of Computer Science & Engg., Bharat Institute of Engineering & Technology, New Delhi.(Virtual)
4. "Python Quiz Series-1", Organised by Dept. of Computer Science & Engg., HKBK college of Engineering, Bangalore.(Virtual)

Orientation Programme:

1. Orientation Programme, 04 June to 01 July 2020. Conducted by Teaching Learning center, Ramanujan college, University of Delhi, Sponsored by MHRD, Govt. of India.

MOOCs (NPTEL/Swayam)

1. "Programming, Data Structures and Algorithms using Python". 8-week course. Conducted by NPTEL-Swayam, During Jan-April semester.

Achievements/Awards / Abroad visit / Professional Membership

1. Best Paper ward in IEEE International Conference.

Personal Details	
Gender	Male
Date of Birth	25/03/1985

Contact details	**Address for Communication**	**Permanent address**
	Assistant professor, Dept. of studies in Computer Science, Davangere University, Davangere-577007	S/O Rudra Naik,, Bevinahalli, Bharamasagara post, Chitradurga-577519.

Electronic address	**Telephone-** Mobile : 9886771033 Home : *E mail* : dhanesh025@gmail.com dhanesh025@davangereuniversity.ac.in **Website**: Google Scholar Link : https://scholar.google.com/citations?user=7k6U_HoAAAAJ&hl=en ResearchGate Link : https://www.researchgate.net/profile/Dhanesha_r