

Name of Faculty E. RAMALAKSHMI
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 18 – 07 - 2005
 E-mail eramalakshmi_it@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph.D.	Computer Science and Engineering (JNTUK)	Pursuing
PG	M. Tech. (Computer Science Engineering)	Distinction
UG	B. Tech. (Electrical Electronics Engineering)	First

Work Experience

Teaching 20 Years
 Research --
 Industry --
 Others --

TM

Area of Specialization Digital Image Processing, Computer Organization, Micro Processors, Computer Graphics

Professional Memberships Life Member, ISTE: LM 38069

Responsibilities held at Institution Level Member NBA committee, Institute level

- Member NBA committee, Institute level
- Member, Course Expert Group
- Member, Board of Studies
- In charge for department level student achievements
- Working as student counselor
- Class Teacher for BE -IT, 2018-2022 Batch.

Responsibilities held at Department Level

Research Guidance --

Awards Received --

Courses Handled at Under Graduate /Post Graduate Level.

Computer Organization and Microprocessors, Computer Graphics, Digital Image processing, Distributed Systems, DELD, DSP, Signals and Systems, Data Communications

No. of Papers Published

National Journals – -- International Journals – 10

National Conference – 01 International Conference – 03

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details --

Details of Short-Term Training Programs /Faculty Development Programs/Seminars /Workshops /Other Trainings (Attended and/or Organized).

1. Attended AICTE Atal FDP on “Deep learning for computer vision” from 26 to 30 July, 2021

organized by KIET Group of Institutions Ghaziabad

2. Attended One Week Faculty Development Program on Computer Vision: Past, Present and Future Sponsored by AICTE Training and Learning (ATAL) Academy from December 6th, 2021 to December 10th, 2021
3. One Week Faculty Development Program on “Latex”, organized by Sanjay Ghodawat University, Kolhapur in association with Spoken Tutorial IIT Bombay during 27th April to 2nd May 2020
4. ATAL online FDP on 'Virtual/Augmented Reality' by Punjab Engineering College, Chandigarh during May 18-22, 2020
5. ATAL online FDP on Virtual Reality by IIT Patna during May 25-29, 2020
6. FDP on Outcome Based Education & NBA Accreditation by CBIT, Hyderabad during 28th May-1st June, 2020
7. FDP on Python for Data Science by Raghu Engineering College, Visakhapatnam during 1st -5th June, 2020
8. FDP on Insights into cutting Edge Technologies by RMD Engineering College, Tamilnadu during 16.06.2020 to 20.06.2020
9. Workshop on Effective teaching by IIT Bombay on May 17th 2020
10. workshop on “Basics of Machine Learning by IISER Bhopal on 6th April 2020
11. Workshop on Introduction to Cloud Computing in IoT by IoT forum VIIT-pune in association with ACM VIIT during 2nd May 2020
12. One and half week FDP on “Introduction to IoT” by NPTEL during July-Oct 2019
13. STTP on “NBA Accreditation” CBIT Engineering College, Hyderabad during 22nd -26th April, 2019
14. FDP on “IoT & Embedded System Design” organized by IIT Guwahati during 3rd -8th December, 2018
15. One week national level Faculty Development Program on “Emerging Trends, Issues and Challenges in Big Data & Cloud Computing ETICBDCC-2017 20th – 25th February, 2017 by Dept. of CSE, CBIT
16. One-week National level Faculty Development Program on “Emerging Trends, Issues and Challenges in Big Data & Cloud Computing” during 20th -25th February 2017, organized by Department of Computer science & Engineering, CBIT, Hyderabad

International/National Journals from 2017

1. Amanchi, U.M., Badam, N., Elaganti, R.L. (2021). Fake News Detection Using Text Analytics. In: Satapathy, S.C., Bhateja, V., Favorskaya, M.N., Adilakshmi, T. (eds) Smart Computing Techniques and Applications. Smart Innovation, Systems and Technologies, vol 225. Springer, Singapore. https://doi.org/10.1007/978-981-16-0878-0_12.
2. Ramalakshmi, E., Jain, M.S., Uddin, M.A. (2022). Image Caption Generation Using Attention Model. In: Raj, J.S., Kamel, K., Lafata, P. (eds) Innovative Data Communication Technologies and Application. Lecture Notes on Data Engineering and Communications Technologies, vol 96. Springer, Singapore. https://doi.org/10.1007/978-981-16-7167-8_74.
3. Ramalakshmi, E., Hussain, H., Agarwal, K. (2023). Euphonia: Music Recommendation System Based on Facial Recognition and Emotion Detection. In: Balas, V.E., Semwal, V.B., Khandare, A. (eds) Intelligent Computing and Networking. Lecture Notes in Networks and Systems, vol 632. Springer, Singapore. https://doi.org/10.1007/978-981-99-0071-8_8
4. Eliganti Ramalakshmi, Kavya Nannapanen(2020), “Water quality monitoring and Water pipe Leakage Detection” Aegaeum Journal, Volume-8 Issue-6, , pp. 523-531

5. Eliganti Ramalakshmi, A Gouthami Radha& Haswika Bommena(2020) "Indian Sign Board Detection and Recognition for Driving Assistance" Aegaeum Journal, Volume-8 Issue-6, pp 385-394
6. Eliganti Ramalakshmi, Dixitha Kasturi, Gouthami V(2020) "Object Detector for Visually Impaired with Distance Calculation for Humans" in International Journal of Engineering and Advanced Technology (IJEAT), Volume-9 Issue-4, pp. 834-838.
7. Eliganti Ramalakshmi, Hemanth Reddy Kakarla, Kranthi Jella(2020) "An Efficient Text Image Elimination App for Android" International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-6, pp. 389-391 .
8. Eliganti Ramalakshmi, Sindhuja Reddy Kamidi(2019) "Prediction of Employee Attrition and analyzing reasons: using Multi-Layer Perceptron in Spark" Springer book series ICICCT 2019 – System Reliability, Quality Control, Safety, Maintenance and Management" PP 183-192.
9. Eliganti Ramalakshmi, Sindhuja Reddy Kamidi(2018) "Predictions for Startups" in International Journal of Engineering and Technology (IJET) Vol 7, Issue 12, pp. 1038-1045.
10. Eliganti Ramalakshmi, Keerthi Lingam(2017) "Performance Analysis of Image Retrieval Techniques Using Multi feature Extraction" in International Journal of Computer & Mathematical Sciences (IJCMS) Volume 6, Issue 12, pp.166-174.
11. Eliganti Ramalakshmi, Neeharika Kompala(2017) "Hexagonal Image Processing and Transformations: A Practical Approach using R" in Springer series of cognitive science and Artificial Intelligence pp 91- 99.

