



Dr. Remya K Sasi

Christ College of Engineering, India

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PERSONAL DETAILS

DOB June 11, 1982
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EDUCATION

Ph.D. Computer Science and Engineering 2012 -2018
NIT Calicut, Kerala, India (NIRF Ranking 23)
Area - Digital Image Processing, Mode -Full time - Date of Completion:16-05-2018

M.Tech. Computer Science, Percentage -71.40 2007 - 2009
Kerala University Campus, Kerala(NIRF University Ranking 23)

B.Tech Computer Science and Engineering, Percentage -67 2000 - 2004
IHRD College of Engineering, Poonjar, Kerala, India

WORK EXPERIENCE

Lecturer, Computer Science and Engg. Department 2005 - 2007
Iahia College of Engineering and Technology, Muvattupuzha, Ernakulam, Kerala, India.

Asst. Professor, Computer Science and Engg. Department 2009 - 2012
Iahia College of Engineering and Technology, Muvattupuzha, Ernakulam, Kerala, India.

Associate Professor and Head, Computer Science Department 2017-present
Christ College of Engineering, Irinjalakuda, Thrisur, Keala, India

AREA OF INTEREST

Computer Vision, Data Science, Machine Learning, Computer Networks, Internet of Things

SKILLS

Ability to deliver, and assess Computer Science and Engineering topics of interest. Coordinated Project Evaluation, Effective communication skills. Operational Administration. Accreditation by relevant professional bodies. Positive attitude to colleagues and students. Commitment to personal development and updating of knowledge and skills

ACHIEVEMENTS AND ROLES

1. Department Head, Christ College of Engineering, Irinjalakuda, 2017 August to present.
2. Department Head, Ilahia College of Engineering and Technology, Muvattupuzha, Kerala, India in the year 2010.
3. Kerala Technological University, Academic auditor.
4. Kerala Technological University, Research Guideship.
5. Setup a KSGSDP infrastructure worth 16 lakhs Rupees fully funded by Government of Kerala.
6. Selected for Kerala Technological University, funded FDP worth 2 lakhs Rupees for the academic year 2020-21 and 2022-23
7. Jury Member, Finastra IWD Hackathon 2021, Assigned by Kerala Technological University.
8. Jury Member, CSInApp Competition 2021, Assigned by Kerala Technological Univeristy.
9. Executive Member Alumni Association, Department of Computer Science and Engineering, Kerala University, Karyavattom Campus.

PROFESSIONAL MEMBERSHIP

ISTE -Lifetime Member(No-53380)

CSI-(No. F8003449)

IEEE - (No. 90255364)

FUNDED PROJECTS

1. KSCSTE Student Project Scheme 2021, P.I. :-Remya K. Sasi Co-PI.- Adith P. Anandan, Adithya Krishnan, Aiswarya K. S., Arul Mathews, Ajil Ibrahim. Amount Rs.10,000.
2. Development of application software for the design of fully automated Community Micro Irrigation System, Kerala Irrigation Infrastructure Development Corporation Ltd, Thiruvananthapuram. Amount -Rs.97,500

PUBLICATIONS

<https://scholar.google.com/citations?user=gfRDViYAAAAJ&hl=en&authuser=1>

https://www.researchgate.net/profile/Remya_Sasi

1. Remya K. Sasi and V. K. Govindan, Relative illumination model for shadow detection employing graph-cut energy minimization, Springer Book Chapter Advance Concepts of Image Processing and Pattern Recognition: Effective Solution for Global Challenges(Under Review)

2. Remya K Sasi, Athul Krishnan, Raga Classification using Convolutional Neural Network, 11th Majorov International Conference on Software Engineering and Computer Systems on December 10th & 11th, 2020 at ITMO University in Saint-Petersburg, Russia.
3. Hari Krishnan, Liya K.V, Lazar Tony, Nova Mary Thomas, Remya K. Sasi; Intelligent Student Feedback System For Online Education, National Conference on Novel Challenging Issues and Recent Innovations in Engineering and Information Sciences-21, College of Engineering Kidangoor, Kottayam, Kerala
4. Remya K Sasi, Hima John, Binny Jerard,. Customer behaviour prediction using propensity model, Advanced and Emerging applications in Big Data and Machine learning, Ghaziabad, India, 2020
5. Remya K. Sasi, Geethu M. A., Ansiya Naushad, Chinju Bijoy, Angel Shaju. Emotion based music player, International E-conference on Energy, Control, Computing and Electronic Systems, Tirupati, Andhra Pradesh 2020
6. Nova Mary Thomas, Lazar Tony, Liya Mary, Harikrishnan A study on student feedback system for online education at 4th National Conference on Computational Intelligence (NCCI 2021) organized by Kristu Jayanti college, Bangalore
7. Remya K. Sasi and V. K. Govindan. Shadow removal using sparse representation over local dictionaries, Engineering Science and Technology, an International Journal(Elsevier) Volume 19, Issue 2, Pages 1067-1075 June 2016, (Indexing:SCI, Scopus)
8. Remya K. Sasi and V. K. Govindan. "Fuzzy split and merge for shadow detection." Egyptian Informatics Journal(Elsevier), Volume 16, Issue 1, Pages 29–35, March 2015.(Indexing:SCI and Scopus)
9. Remya K. Sasi and V. K. Govindan. Shadow detection and removal from real images : State of art" ACM Procedia, Pages 309-317, Proceedings of the Third International Symposium on Women in Computing and Informatics, 2015
10. Remya K. Sasi and Wilsy, M. "Wavelet based texture segmentation" International Conference on Computational Intelligence and Computing Research, IEEE, 2010.

CONFERENCE ATTENDED

1. Three day International Symposium on Data Information and Knowledge Spectrum(ISDIKS), at Amritha Institute of Medical Science, Kochi-13th to 15th December 2007
2. Two day international Conference on Computational Intelligence and computing Research at Tamilnadu College of Engineering-28th to 29th December 2010
3. Two day International Symposium on Women in Computing and Informatics organized by ACM Committee on Women in Computing (ACM-W) India held at SCMS, Kochi-12th and 13th August 2015.

CONFERENCE/WORKSHOP ORGANIZED

1. 3-days KTU sponsored FDP on Research Frontiers in Computer Science. July 1st, 2nd and 3rd, 2021 at Christ College of Engineering, Thrissur, Kerala, India

2. National level Hands-on training on Machine Learning: Supervised and Unsupervised - June 10th and 11th, 2021 at Christ College of Engineering, Thrissur, Kerala, India
3. National level Hands-on training on Data Science and Analytics - May 14th and 15th, 2021 at Christ College of Engineering, Thrissur, Kerala, India
4. Enriching Research Acumen - July 17 to 21, 2020, Christ College of Engineering, Thrissur, Kerala
5. Virtual Conference on Computing and Informatics. August 25 and 26, 2020, Christ College of Engineering, Thrissur, Kerala

RESOURCE PERSON

1. Enriching Research Acumen - July 17 to 21, 2020, Christ College of Engineering, Irinjalakuda.
2. Introduction To Research Publication Tool Using Latex Software, Nov 13, 2020, Community Health Nursing and Medical Surgical Nursing Departments, Jubilee Mission College of Nursing, Thrissur
3. Google classroom, Virtual Classroom organized by Basic Science Department, Christ College of Engineering, Irinjalakuda” 25th July 2020

E- LEARNING MATERIALS

1. KTU CS463 Digital Image Processing
<https://youtube.com/playlist?list=PLZsB-Etza3js99e2EwfZv2wcU5xS50R8M>
2. CS 472 Principles of Information Security
<https://youtube.com/playlist?list=PLZsB-Etza3jv4GZFUjrKTQu3q75awGcjb>
3. CS 306 Computer Networks
<https://youtube.com/playlist?list=PLZsB-Etza3jtUwYnmZcf4xJ6iL3sRB1fq>

WORKSHOPS ATTENDED

1. One week ISTE workshop in Mission10x conducted by WIPRO at Sree Narayana Gurukulam College of Engineering, Ernakulam-9th to 13th November 2009
2. Two weeks ISTE workshops in Effective teaching/learning of Computer Programming conducted by IIT Bombay at NIT Calicut, Kerala-28th June to 10th July 2010
3. Three days national workshop on Research Methodology in Science Engineering and management conducted at NIT Calicut.-26th to 28th September 2013
4. Four days workshop on Advanced Optimization and Deep learning application conducted by Amrita Viswa Vidya Peetham Coimbatore. 30th Jan to 2nd February 2014.
5. Five days workshop on Advanced signal and image processing conducted by Amrita Viswa Vidya Peetham Coimbatore- 26th to 30th June 2014

6. Seven day FDP on Design and analysis of algorithms organised by Federal Institute of Science and Technology, Angamaly - 08th to 15th December 2018
7. Enriching Research Acumen - July 17 to 21, 2020, Christ College of Engineering, Thrissur, Kerala
8. National level Hands-on training on Data Science and Analytics - May 14th and 15th, 2021 at Christ College of Engineering, Thrissur, Kerala, India
9. National level Hands-on training on Machine Learning: Supervised and Unsupervised - June 10th and 11th, 2021 at Christ College of Engineering, Thrissur, Kerala, India
10. 3-days KTU sponsored FDP on Research Frontiers in Computer Science. July 1st, 2nd and 3rd, 2021 at Christ College of Engineering, Thrissur, Kerala, India
11. National Level Faculty Development Programme on Outcome Based Education and NBA Accreditation. 31st August to 2nd September 2021 at Christ College of Engineering, Irinjalakuda
12. Art of Writing Research Paper Proposals organised by the Department of Mechanical Engineering, Christ College of Engineering, Irinjalakuda on 29th May 2021

REFERENCES

1. Dr. V. K Govindan, Retired Professor (CSED),NIT Calicut, Kerala.
Mail id:vkg@nitc.ac.in, Mobile :-9387516896

DECLARATION

I hereby declare that the above facts are true to the best of my knowledge and belief

Dr. Remya K. Sasi

Last updated on May 2023