Dr. Thangam Palaniswamy
Associate Professor, Electrical and Computer Engineering Department, King Abdulaziz University

Education

Degree	Field of Study	Institution	Year
Ph.D.	Computer Science and Engineering	Anna University, India	2013
M.E.	Computer Science and Engineering	Anna University, India	2007
B.E.	Computer Science and Engineering	Avinashilingam University, India	2001

Academic Experience

From	To	Institution	Rank	Title	Full or Part Time
2001	2005	Sri Ramakrishna Engineering College, India	Lecturer		Full Time
2008	2009	Coimbatore Institute of Engineering & Technology, India	Senior Lecturer		Full Time
2010	2012	Sri Ramakrishna Engineering College, India	Assistant Professor		Full Time
2012	2013	Coimbatore Institute of Engineering & Technology, India	Assistant Professor		Full Time
2013	2015	Coimbatore Institute of Engineering & Technology, India	Associate Professor		Full Time
2015	Till Date	King Abdulaziz University	Associate Professor		Full Time

Non Academic Industrial Experience *(including Consultations)*

Funded Research Projects and Patents from the Past Five Years

Certifications and Professional Registrations
- ABET IDEAL Scholar Certification during September 2019
- IEEEXtreme Proctor for IEEEXtreme 11.0 Programming Contest 2017
- IEEEXtreme Proctor for IEEEXtreme 12.0 Programming Contest 2018

Current Membership in Professional Societies and Organizations

Society/organization	Rank	Since
IEEE	Member	2017
IAENG	Member	2011
IACSIT	Member	2012
ISTE	Member	2014

Honours and Awards
- **Best Teacher Award** in the Faculty of Engineering - Girl's Campus for the year 2017.
- Appreciation Award for **Paramount Contribution to Development of Faculty and Department** in the Faculty of Engineering-Girl's Campus for the year 2018.
- Appreciation Award for **Quality of Learning Outcomes through Blackboard System** from the Deanship of e-Learning, KAU for the year 2018.

Institutional and Professional Services *(administration, committees, units, etc.)*

- ABET Course Binder Coordinator (Girl's Section) from 2015 – 2017.
- SDP Committee Coordinator (Girl's Section) since 2017 till date.
- Software TAFT Group Leader (Girl's Section) since 2018 till date.
- IEEEXtreme Proctor for IEEEXtreme 11.0 Programming Contest 2017.
- Jury for Second GCC Robotics Challenge Competition held on 22nd April 2017 in Effat University, Jeddah.
- IEEEXtreme Proctor for IEEEXtreme 12.0 Programming Contest 2018.
- International Reviewer and member of Organizing Committee in the ICCTCT'2018 held on 1st-3rd March 2018.

Principal Publications/Presentations from the Past Five Years

1. S. Savitha**, P. Thangam**, "Time Monitored Self-destructing Data System (SeDas) for Data Privacy in Cloud using HDFS Framework," *in Proc. International Conference on Innovations in Information Embedded and Communication System (ICIIECS'16)*, Coimbatore, India, Mar. 2016.
2. **Dr.Thangam Palaniswamy**, Dania Alfozan, Khadija Mughrbil, Roaa Felimban, Heba Gogandy, "Keys to Improve Service Quality and Employee Performance In An Organization - A Survey", *International Journal of Engineering Research and Development*, Vol. 13, Issue 2, pp. 48-53, February 2017.
3. **Dr.Thangam Palaniswamy**, Afnan Alofi, Fatima Saeed Alghamdi, Najlaa Mastoor Aljuaid, Razan Alahmadi, "Automated Mobile Robots – A Survey on Controls", *Communications on Applied Electronics*, Vol. 6, Issue 9, pp. 22-26, April 2017.
4. S. Savitha, **P. Thangam**, "Towards SePe (Security-Performance) in cloud computing—survey and recommendations*," International Journal of Science and Advanced Technology*, vol. 7, no.1, pp. 17–27, Jan. 2017.
5. S. Savitha, **P. Thangam**, "SePeCloud—a fog computing based deduplication and privacy preserving online updating for improving DROPS in cloud," *Wulfenia Journal*, vol. 24, no. 9, pp. 69–87, Sep. 2017.
6. S. Savitha, **P. Thangam**, "Comparative Analysis of Security Algorithms for Cloud-Based Systems and Transactions*," International Journal of Control Theory and Applications*, vol. 10, no. 39, pp. 291-299, 2017.
7. S. Savitha, **P. Thangam**, L. Latha "An enhancement to SePeCloud with improved security and efficient data management," *Cluster Computing - The Journal of Networks Software tools and applications*, Feb, 7, 2018, DOI 10.1007/s10586-018-2072-8.
8. Kavitha P, **Dr.P.Thangam**, Research Direction for Classification for Big Data, *IJCTA*, vol. 9, issue 2, pp. 42-54, March-April 2018.
9. Raneem Gashgari, Lamees Alhashimi, Dr.Raed Obaid , **Dr.Thangam Palaniswamy**, "A Survey on Exam Scheduling Techniques", *ICCAIS'18*, 2018, *IEEExplore*, DOI: 10.1109/CAIS.2018.8441950
10. Dr.T.V.Mahendiran and **Dr.Thangam Palaniswamy**, "Hybrid PSODE Algorithm Embedded with FPGA for Speed Control of BLDC Motor", *International Research Journal of Engineering and Technology*, vol. 6, issue 1, pp.1400-1403, 2019.
11. **Dr.Thangam Palaniswamy**, Ruba Al-Ghamdi, Ayshah Banabilah, Mawaddah Kuddah, Nesren Attiah, "Designing a Help System including Website Mobile Application along with Secured Locker as a communication medium for students", *ICCES 2019*, *IEEExplore*, 2019.

Recent Professional Development Activities *(Workshops, training, etc.)*

- Smart Grid Conference SASG'16 held in Jeddah Hilton Hotel on 6th December 2016.
- Smart Societies Infrastructure Technologies & Applications Conference SCITA'17 held on 17th November 2017.
- Smart Grid Conference SASG'17 held in Jeddah Hilton Hotel on 14th December 2017.
- Workshop on Virtual Reality (VR) held on 1st March 2017 at King Fahd Medical Research Center, KAU.
- Workshop on Quality of Electronic Exams held on 19th April 2017 at Faculty of Engineering (GC), KAU.
- Workshop on Effective MCQ held on 4th &11th October 2017 at Faculty of Engineering (GC), KAU.
- Workshop on Assessment Tools held on 25th October & 1st November 2017 at KAU.
- Workshop on Reflective Teaching held on 31st January 2018 at Faculty of Engineering - Girl's Campus, KAU.
- Workshop on Giving Feedback held on 21st February 2018 at Faculty of Engineering - Girl's Campus, KAU.
- One week ABET IDEAL Scholar Certification Workshop during September 2019 organized by FOE, KAU.
- 17th Learning and Technology Conference (L&T 2020) held on 30th Jan 2020 at Effat University, Jeddah.
- Workshop on Interactive activities in lectures using the KAHOOT system held on 5th Feb 2020 at KAU.