AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai – 600 055.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NAME & INITIALS	E.Ganesh
DESIGNATION	Assistant Professor
EDUCATIONAL QUALIFICATION	B.E., M.E., Ph.D.,
EXPERIENCE	1 month
DATE OF JOINING	07-07-2022
EMAIL ID	drganesh@aalimec.ac.in
AREA OF SPECIALISATION	Signal processing, Machine learning.

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
Ph.D	ICE	Saveetha Engineering College	Anna University	2022
M.E	Embedded System Technologies	Sriram Engineering College	Anna University	2015
B.E	Electronics and Communicaiton Engineering	St.Joseph's Collge of Engineering	Anna University	2012

PROFESSIONAL MEMBERSHIPS

NIL

NPTEL COURSES ATTENDED

NIL

FDP ATTENDED
Participated in FDP on "HOW TO WRITE A SCIENTIFIC RESEARCH PAPER IN THREE MONTHS" organized by R.M.D ENGINEERING COLLEGE on 16th MAY 2020.

WORKSHOPS ATTENDED
Participated in "Research Scholars' Colloquium (RSC'20)" organized by SSN COLLEGE OF ENGINEERING on 23rd & 24th October 2020.

SEMINARS/WEBINARS ATTENDED
Participated in webinar on "Science Direct: Read Quality … Publish Quality" organized by KPR institute of Engineering and Technology on 18th December 2020.
Participated in webinar on "The art of writing research papers" organized by Chennai institute of Technology on 29th April 2020.

PUBLICATION DETAILS
Prabha , M. Priya, N. R. Shanker and **E. Ganesh** 'Aberrant Behavior Prediction and Severity Analysis for Autistic Child through Deep Transfer Learning to avoid Adverse Drug Effect', Biomedical Signal Processing and Control, Volume 70, 2021, https://doi.org/10.1016/j.bspc.2021.103038. (**SCI**)
Prabu Mani, ShankerRajendiranNagalingam, Celine KavidaAruldoss, **Ganesh Elanchezhian.** Mixed pixel removal in north Tamil Nadu region for accurate area measurement. Computational Intelligence. 2021;1–20. https://doi.org/10.1111/coin. 12447. (**SCI**)
Prabu, M., Shanker, N.R., Celine Kavida, A. &**Ganesh, E**., Geometric distortion and mixed pixel elimination via TDYWT image enhancement for precise spatial measurement to avoid land survey error modeling. Soft Computing, 24, 14687–14705 (2020). https://link.springer.com/article/10.1007/s00500-020-04814-x. (**SCI**)
E. Ganesh, N. R. Shanker and M. Priya, "Non-Invasive Measurement of Glaucoma Disease at Earlier Stage Through GMR Sensor AH Biomagnetic Signal From Eye and RADWT Algorithm," in IEEE Sensors Journal, vol. 19, no. 14, pp. 5404-5412, 15 July15, 2019, doi: 10.1109/JSEN.2019.2909526. https://ieeexplore.ieee.org/document/8682145. (**SCI**)

CONFERENCE DETAILS

Prabha, B., Shanker, N.R., Priya, M., **Ganesh, E.** (2022). A Novel Descriptive Approach: Local Tetra Patterns (LTrPs) for Face Recognition. In: Kumar, A., Mozar, S. (eds) ICCCE 2021. Lecture Notes in Electrical Engineering, vol 828. Springer, Singapore. https://doi.org/10.1007/978-981-16-7985-8_103.

B.Prabha, N.R.Shanker, M.Priya and **E.Ganesh** "Human Anomalous Activity Detection: Shape and Motion Approach in Crowded Scenes" Journal of Physics: Conference Series, vol.1921 (2021), doi:10.1088/1742-6596/1921/1/012074.

E.Ganesh, N.R.Shanker, and M.Priya "Oscillatory biomagnetic signal of eye analysis with wavelet transform for improved frequency resolution to detect glaucoma" Fourth National Conference on Green Technologies for Power Generation, Communication & instrumentation (NCGPC'18).

Dr.N.R.Shanker**.,E.Ganesh**., and Dr.M.Priya, "Pitting edema diagnosis using NIR spectroscopy" International intellectual convergence on advances in science and engineering, IIASE-2017.

E.Ganesh, "Automated device management using dynamic pattern generation algorithm" Smart Engineering Technologies- 2015.

ACHIEVEMENT DETAILS
Delivered lecture as a resource person on "Mixed signal processors MSP430g2553" at workshop held in **VIT UNIVERSITY**– Chennai campus.
Delivered lecture as a resource person for Faculty development program on "Recent trends & tools in modern wireless & Digital communication Networks" at **SCSVM UNIVERSITY**– Kanchipuram.
Delivered lecture as a resource person for DST-SERB sponsored national level workshop on "Deep learning for image processing applications" at **PONDICHERRY UNIVERSITY SCHOOL OF ENGINEERING AND TECHNOLOGY.**