

# EASWARI ENGINEERING COLLEGE

(AUTONOMOUS)

## DEPARTMENT OF INFORMATION TECHNOLOGY

TECHNICAL PAPER PUBLICATIONS BY FACULTY MEMBERS

ACADEMIC YEAR 2017-2018

**INTERNATIONAL CONFERENCE**

S.NO	PUBLICATION DETAILS
1.	Dr.K.Kathiravan,Cooperative Spectrum Sensing using Time-frequency analysis for FBC based Cognitive Radio Networks,International conference on Technological Innovations in ICT Agriculture and rural Development,ISBN 978-1-5090-4437,APRIL2017.
2.	Dr.A.K. Mariyappan,A Paradigm for rice yield Prediction in TamilNadu,IEEE International conference on Technological Innovations in ICT Agriculture and rural Development, 1 FEB 2018.
3.	DR.Kanaga suba raja,Demand Based Crop recommender system for farmers, IEEE International conference on Technological Innovations in ICT Agriculture and rural Development, 1 FEB 2018.
4.	Dr.Leninisha S,Disease detection in crops using remote sensing images, IEEE International conference on Technological Innovations in ICT Agriculture and rural Development, 1 FEB 2018.
5.	Mr.V.Balaji,Design of ZIGBEE based wireless sensor network for early flood monitoring and warning system,IEEE International conference on Technological Innovations in ICT Agriculture and rural Development, 1 FEB 2018.
6.	Dr.R.Radha,Human emotion surveillance using computer vision, International Conference on Technological Innovations in ICT for Agriculture and Rural Development(TIAR 2017) APRIL,ISBN 978-1-5090-4437,APR 2017
7.	Mrs.M.MohanaSmart Remote Health hack system using Internet of Things, International Conference on Technological Innovations in ICT for Agriculture and Rural Development(TIAR 2017) APRIL,ISBN 978-1-5090-4437,APR 2017
8.	Mrs.M.Mohana,Smart meter system based on IOT, International Conference on Technological Innovations in ICT for Agriculture and Rural Development(TIAR 2017) APRIL, ISBN 978-1-5090-4437,APR 2017

9.	Dr.N Ananthi,IOT based smart soil monitoring system for Agricultural Production IEEE International conference on Technological Innovations in ICT Agriculture and rural Development, 1 FEB 2018.
10.	DR.V.VANI,A Boosting key for soil enrichment customary preparation of organic manure,International Conference on Technological Innovations in ICT for Agriculture and Rural Development(TIAR 2017) APRIL,ISBN 978-1-5090-4437,APR 2017
11.	DR.V.VANI,Flood irrigation through material technology,International Conference on Technological Innovations in ICT for Agriculture and Rural Development(TIAR 2017) APRIL,ISBN 978-1-5090-4437,APR 2017
12.	Dr.R.Priyatharshini,P.Deepika,Prediction of effective rainfall and crop water needs using data mining techniques,IEEE International conference on Technological Innovations in ICT Agriculture and rural Development, 1 FEB 2018.
13.	Mrs.S.Gnanapriya,IOT Based pothole detection and notification system, International Conference on Technological Innovations in ICT for Agriculture and Rural Development(TIAR 2017) APRIL,ISBN 978-1-5090-4437,APR 2017
14.	Mrs.S.Gnanapriya,Identification of organic fruits using color and size features,IEEE International conference on Technological Innovations in ICT Agriculture and rural Development, 1 FEB 2018.
15.	Mrs.B.Arthi,Ontology based human disease prediction using semantic analysis, International Conference on Technological Innovations in ICT for Agriculture and Rural Development(TIAR 2017) APRIL,ISBN 978-1-5090-4437,APR 2017
16.	Mrs.C.Priyadarshini,A Review Based Document level classification for Product Rating in 4th International Conference on Engineering Technology Science and Management Innovation,ISBN 978-81-933746-4-1, MARCH 2017
17.	Mrs.Chandra B,An intelligent algorithm for traffic control system using wireless communication,IEEE International conference on Technological Innovations in ICT Agriculture and rural Development, 1 FEB 2018.
18.	Mrs.Chandra B,Automatic plant monitoring and controlling system over GSM using sensors,IEEE International conference on Technological Innovations in ICT Agriculture and rural Development, 1 FEB 2018.
19.	Dr.S.Kanaga suba raja,Enhancement of speech intelligability and quality in hearing aid using fastadaptive kalman filter algorithm,5TH International conference on recent developing in engineering science,humanities and management,ISBN 978-93-86171-39-9,16th April 2017
20.	M.Sowmiya, Maximizing the performance of search technique in analyzing the online product, Technological Innovations in ICT for Agriculture and Rural Development (TIAR), ISBN 978-1-5090-4437,APR 2017
21.	R.Priyatharshini, Estimation of durability of rice grains using sensors and mobile technology, Technological Innovations in ICT for Agriculture and Rural

	Development (TIAR), ISBN 978-1-5090-4437, APR 2017
22.	R.Priyatharshini, Hybrid approach for anthracnose detection using intensity and size features, Technological Innovations in ICT for Agriculture and Rural Development (TIAR), ISBN 978-1-5090-4437, APR 2017
23.	C.Priyadharshini, PSO based dynamic route recovery protocol for predicting route lifetime and maximizing network lifetime in MANET, Technological Innovations in ICT for Agriculture and Rural Development (TIAR), ISBN 978-1-5090-4437, APR 2017
24.	S.Deepa, Energy conservative data transmission using Z-Mac technique in wireless sensor network for environmental monitoring, Technological Innovations in ICT for Agriculture and Rural Development (TIAR), ISBN 978-1-5090-4437, APR 2017.
25.	A.Sathya, Automatic control of irrigation system in paddy using WSN, Technological Innovations in ICT for Agriculture and Rural Development (TIAR), ISBN 978-1-5090-4437, APR 2017.
26.	B.Arthi, Automatic control of irrigation system in paddy using WSN, Technological Innovations in ICT for Agriculture and Rural Development (TIAR), ISBN 978-1-5090-4437, APR 2017.

## ACADEMIC YEAR 2018-2019

### INTERNATIONAL CONFERENCE

S.NO	PUBLICATION DETAILS
1.	Haritha P., Priyatharshini R., Abishek A.G., Kamala Kiran V. (2018) Knowledge Based Framework for Genetic Disease Diagnosis Using Data Mining Technique. In: Uden L., Hadzima B., Ting IH. (eds) International Conference on Knowledge Management in Organizations KMO 2018: Knowledge Management in Organizations pp 489-500, Communications in Computer and Information Science, vol 877. Springer, Cham, ISBN 978-3-319-95203-1, <a href="https://doi.org/10.1007/978-3-319-95204-8_41">https://doi.org/10.1007/978-3-319-95204-8_41</a> , 11 July 2018.
2.	Vani vijayan, Pavithra balamurugan, Syed arifa banu abdul rahim, Priadharshni ponnusamy and Shri dikshanya nagarajan, Automated Moisture Sensing For Watering The Indoor Plants Using Arduino, International Conference On Technological Innovations In Ict Agriculture And Rural Development, Tiar 2018.
3.	Dr. Radha R, Abishek Pandu M, Gaja Priya C, Kayalvizhi E And Dr. Kathiravan Kannan, Centrality Based Energy Optimization In Sensor Network For Smart Monitoring Of Plants, International Conference On Technological Innovations In Ict Agriculture And Rural Development, Tiar 2018.

4.	Abirami Nachammai, Archana Shankar, Baby Arthi Baskaran, Janani Ravishankar, Dr.V.Vani Senthilkumar And Gnanapriya S, Prevention Of Crop Damage From Intrusion In Farmland Using Raspberry Pi , International Conference On Technological Innovations In Ict Agriculture And Rural Development, Tiar 2018.
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