

# Members from Anna University and Affiliated Colleges

## **Panel Member 3- Dr. G. RAVI M.E., Ph. D.**

	Member 3
Name	<b>Dr. G. RAVI M.E., Ph. D.</b>
Designation	Associate Professor
Department	ECE
Name of the org/inst.	<u>Sona College of Technology,</u>
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Area of specialization	Mobile Ad hoc Networks, wireless communication, Embedded systems, communication networks

# Members from Anna University and Affiliated Colleges

## **Panel Member 3- Dr. G. RAVI M.E., Ph. D.**

### **List of journal publications**

<b>S.no.</b>	<b>Title</b>	<b>Year</b>
1	<b>Ravi G</b> , Sathish S and Gopinath B, Fuzzy Logic Decision Making by Localization and Recursive Algorithm in Vehicular Ad Hoc Network, , Journal of Scientific and Industrial Research (JSIR), Vol.79(04) [April 2020], PP 315–317, (SCI)	<b>2020</b>
2	S. Sankar Ganesh, and <b>Ravi G</b> , A stable link connectivity based data communication through neighbour node using traffic-less path in MANET, International Journal of Vehicle Information and Communication Systems, Vol. 5, No. 1, 2020, (inderscience). (Scopus)	<b>2020</b>
3	R. S. Sabeenian, R. Vinod Kumar, <b>G. Ravi</b> , Ashok Pudasaini , An Application for Online Shipment of Goods in Vehicles, Jour of Adv Research in Dynamical & Control Systems, Jour of Adv Research in Dynamical & Control Systems,,Vol. 12, 05-Special Issue, 2020 (Scopus)	<b>2020</b>
4	<b>G. Ravi</b> , K.M. Madhu Varshini, K. Malligarjunan and M. Manokaran, Automotive Unit to Improve the Yield of Agriculture Bio-gas Plants, Jour of Adv Research in Dynamical & Control Systems,Volume 12   05-Special Issue, 2020 (Scopus)	<b>2020</b>
5	Vimalnath.S, <b>G. Ravi</b> , OPTIMIZED GEOGRAPHIC ROUTING IN MOBILE AD HOC NETWORK USING GRAY WOLF OPTIMIZATION' EAI Endorsed Transactions on Energy Web, online available. 2020, <a href="http://dx.doi.org/10.4108/eai.13-7-2018.162832">http://dx.doi.org/10.4108/eai.13-7-2018.162832</a> ( Scopus)	2020
6	<b>Ravi G</b> , Satish S, Novel Algorithm for V2v and V2i Security by Fuzzy Logic Decision in Vanet, International Journal of Innovative Technology and Exploring Engineering, Volume-8 Issue-12, October 2019, ISSN: 2278-3075 (Online) (Scopus)	2019
7	Satish S, <b>Ravi G.</b> , Performance Analysis Of OFDM Models For Mr Channel Using Gi And Cp Technique, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 8, ISSUE 10, OCTOBER 2019. (Scopus)	2019
8	R. S. Sabeenian, R. Vinod Kumar, <b>G. Ravi</b> , Ashok Pudasaini, An Application for Load Sharing in Trucks, International Journal of Recent Technology and Engineering, Volume-8 Issue-4, November 2019 (Scopus)	2019
9	<b>Ravi G</b> , SenthilKumar J P. and Vinothini Jane S. Improved low power implicit pulse triggered flip-flop with reduced power dissipation, International Journal of Computational Complexity and Intelligent Algorithms, 2019 Vol.1 No.2, pp.145 – 153	2019
10	Sathish Kumar. S, <b>Ravi. G</b> , A survey on power and load-aware multipath node-disjoint routing protocol for MANET, International Journal of Engineering & Technology, 7 (4) (2018) 5494-5500	2018
11	<b>Ravi G</b> , Vivek V , A Review on Energy Efficient Routing for Effective	2016

# Members from Anna University and Affiliated Colleges

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	Communication in MANET , Asian Journal of Research in Social Sciences and Humanities, Vol. 6 & No. 8, Pages 1903 - 1912 , Aug 2016.	
12	<b>Ravi G</b> and Kashwan K R, Power Efficient Routing by Load Balancing in Mobile Ad Hoc Networks, Intelligent Systems Technologies and Applications, Pages 147-157, <b>Springer International Publishing</b> , 2016. ISBN 9783319232577, 9783319232584. ( Scopus)	2016
13	<b>Ravi G</b> and Kashwan K R, A New Routing Protocol for Energy Efficient Mobile Applications for Ad hoc Networks, International Journal of Computers and Electrical Engineering, <b>Elsevier Publisher</b> , Vol. 48, Pages 77-85, 2015. (SCI)	2015
14	<b>Ravi G</b> and Kashwan K R, Performance analysis of an energy aware zone routing protocol using span, international journal of computers and applications, <b>Taylor &amp; Francis</b> , Vol 37, Issue No. 1, Pages 1-6, 2015 ( Scopus)	2015
15	Narmatha Priyaa M and <b>Ravi G</b> , Trust Based Anonymous Authenticated Secure Routing for MANETs, International Journal of Scientific & Engineering Research, Volume 6, Issue 4, Pages 192-196, April-2015.	2015
16	Nandhini P and <b>Ravi G</b> , Efficient Trajectory Protocol for Multicasting in Vehicular Ad Hoc Networks, ARPN Journal of Engineering and Applied Sciences, VOL. 10, NO. 7, Pages 2808- 2812, APRIL 2015. ( Scopus)	2015
17	Rifia Reen R S and <b>Ravi G</b> , Performance Evaluation of BER and Q factor for EDFA Based WDM Network, International Journal of Engineering Research & Technology (IJERT), vol. 3, Pages 546-550, April 2015.	2015
18	Sakthi Saranya A and <b>Ravi G</b> , A Review on Power Saving Techniques in MANET, International Journal of Scientific and Research Publications, Volume 5, Issue 5, Pages 1-4 May 2015.	2015

# Members from Anna University and Affiliated Colleges

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19	Rifia Reen R S and <b>Ravi G</b> , Performance Evaluation of BER and Q factor for EDFA Based WDM Network, International Journal of Engineering Research & Technology (IJERT), vol. 3, Pages 546-550, April 2015. 1.	2015
20	Sakthi Saranya A and <b>Ravi G</b> , A Review on Power Saving Techniques in MANET, International Journal of Scientific and Research Publications, Volume 5, Issue 5, Pages 1-4 May 2015.	2015

## **List of international conference publications**

S.no.	Title	Year
1	R. S. Sabeenian, R. Vinod Kumar, <b>G. Ravi</b> , Ashok Pudasaini , An Application for Online Shipment of Goods in Vehicles ,ICTEST 2020 International conference,2020	2020
2	<b>G. Ravi</b> , K.M. Madhu Varshini, K. Malligarjunan and M. Manokaran, Automotive Unit to Improve the Yield of Agriculture Bio-gas Plants, ICTEST 2020 International conference,2020	2020
3	Pradeesha, P., <b>Ravi, G.</b> , Priya, P., Ring routing clustering based energy efficient protocol for wireless sensor networks, 2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019 .	2019
4	S.Vinothini Jane, <b>G.Ravi</b> , J.P.SenthilKumar “Improved Low Power Implicit Pulse Triggered Flip-Flop with Reduced Power Dissipation, International Conference On Current Trends In Engineering & Technology (ICCTET - 2018) 23 & 24 March 2018. .	2018
5	B.Gobinath, <b>G.Ravi</b> , “ A novel algorithm for V2V and V2I Security by Fuzzy Logic decision making process in VANETs”,1 <sup>st</sup> international conference on recent innovation in engg Technology and management held at Nandha Engg. College, on 25 <sup>th</sup> March 2017.	2017

## Members from Anna University and Affiliated Colleges

### Panel Member 3- Dr. G. RAVI M.E., Ph. D.

6	Ramya A and <b>Ravi G</b> , Efficient automatic irrigation system using ZigBee, IEEE International Conference on Communication and Signal Processing, Adhiparasakthi college of Engg. during April 6-8 <sup>th</sup> , 2016.	2016
7	Alphonsa A and <b>Ravi G</b> , Earthquake Early Warning System by IOT using Wireless Sensor Networks, IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), Sri Sivasubramaniya Nadar College of Engineering, Chennai-603110, India, from March 23 to 25 <sup>th</sup> , 2016.	2016
8	Shamli and <b>Ravi G</b> , Real Time Monitoring of Open Core Protocol for the System on Chip, IEEE Sponsored 3 <sup>rd</sup> International conference on Innovations in Information, Embedded and Communication Systems, Karpagam College of Engineering, Coimbatore, held on 17 <sup>th</sup> and 18 <sup>th</sup> March 2016.	2016
9	Nivetha and <b>Ravi G</b> , Implementation of Intelligent Surveillance System Using Adaptive Gamma correction Method, IEEE Sponsored 3 <sup>rd</sup> International conference on Innovations in Information, Embedded and Communication Systems, Karpagam College of Engineering, Coimbatore, held on 17 <sup>th</sup> and 18 <sup>th</sup> March 2016.	2016
10	<b>Ravi G</b> and Kashwan K R, Power Efficient Routing by Load Balancing in Mobile Ad Hoc Networks, International Symposium on Intelligent Systems Technologies and Applications (ISTA), August 10-13 <sup>th</sup> , Kochi, India, Pages 147-157, 2015.	2015
11	<b>Ravi G</b> and Sakthi Saranya A, Optimized Power Management for Multi Hop Mobile Ad hoc Networks, IEEE International Conference on Communications and Signal Processing (ICCSP), Pages 1165 – 1170, April 2015.	2015
12	<b>Ravi G</b> and Refia Reen R S, Performance Evaluation of BER and Q Factor for	2015

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	EDFA Based WDM Network, 2 <sup>nd</sup> International Conference AVS Engineering College on 10 <sup>th</sup> -11 <sup>th</sup> April 2015.	
13	<b>G.Ravi</b> and Narmatha priya M, Trust Based Anonymous Authenticated secured Routing for MANETs, 2 <sup>nd</sup> International Conference, AVS Engineering College on 10 <sup>th</sup> -11 <sup>th</sup> April 2015.	2015

### List of national conference publications

S.no.	Title	Year
1	<b>Ravi G</b> "Wireless Health Monitoring System Using ZIGBEE and GSM" got Best paper Award in 6th National Conference on Frontiers in Communication and Signal Processing Systems held at Adhiyamaan college of Engg 13 <sup>th</sup> March 2018.	2018
2	<b>Ravi G</b> , Energy Efficient Reliable Routing Protocol for Mobile Ad hoc Network Considering Residual Energy, National Conference , KONGU Engineering College c/o IETE Salem Sub- Centre on 8 <sup>th</sup> April 2015.	2015
3	<b>Ravi G</b> , Role of Technical Education in Energy Conservation, ISTE Regional Conference 5 <sup>th</sup> February 2015.	2015
4	<b>Ravi G</b> , Flexible and Scalable patterns Health Monitoring System using GSM, National Conference on at Adhiyamaan College of Engineering on 19-20 <sup>th</sup> March 2014.	2014
5	<b>Ravi G</b> , Design of Microstrip Antenna Array using Butler Matrix, National Conference at Adhiyamaan College of Engineering on 19-20 <sup>th</sup> March 2014.	2014