

FACULTY PROFILE FOR WEBSITE

Name	:	Dr. R. Balakumar	
Designation	:	Assistant Professor	
Department	:	Mathematics	
Educational Qualificationn	:	M.Sc., M.Phil., Ph.D.,	
Experience	:	15 years	
Subject of Interest	:	Fuzzy Topology	
Publications	:	<p>Balakumar, R., Lakshmi, S., “Proportional Intensity Model of Non-Homogeneous Poisson Process for Secretion of Aldosterone in Unilateral Aldosteronoma Patients” AryaBhatta Journal of Mathematics & Informatics ISSN: 0975-7139, Jan-June 2011, Vol.3. No.1, PP: 01 – 06</p> <p>Lakshmi, S., Balakumar, R., “Optimal Recoupment Policy for a Cumulative Damage Model for a Human System in terms of Aldosterone with Time Deterioration” International Journal of Mathematical Sciences ISSN: 0972-754X, Jan-June 2011 Vol. 10. No.1-2, PP: 49 – 59.</p> <p>Lakshmi, S., Balakumar, R., “A stochastic model for finding the survival function of PRA, PA and Plasma ANP of the human subjects by using BTLG model” Global Journal of Mathematics & Mathematical sciences ISSN: 0973-5518, Jan-June 2011, Vol. 4. No.1, PP: 01- 15.</p> <p>Balakumar, R., Lakshmi, S., “Mathematical Modelling of Aldosterone Cost Effect Analysis due to Stress” International Journal of Mathematical Sciences ISSN: 0972-754X, July - Dec 2012, Vol. 11. No.3-4, PP: 475-487.</p> <p>Balakumar, R., Lakshmi, S., “Mathematical Model for Obtaining Survival Probabilities of Aldosterone-Producing Adenoma Due to Stress” International Journal of Engineering Research & Development ISSN: 2278-067X, Jul-2012, Vol. 2. Issue 1, PP: 55-62.</p> <p>Lakshmi, S., Balakumar, R., “A Mathematical Model for the Therapy Effort Function to determine Stress Effects in terms of Aldosterone for Human beings” Journal of Indian Academy of Mathematics ISSN:0970-5120, 2012, Vol. 34, No. 1, PP: 61-71.</p>	

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Nivetha. M., Balakumar, R., "The Mathematical Model of During Catastrophic Events" *Journal of Information and Computational Science* ISSN: 1548-7741, Vol. 9 Issue 9, 2019, PP: 113-120

Sreejil, K., Balakumar, R., Pius, A., "Subjugate Strict Domination in Fascinating Fuzzy Graphs" *Journal of Emerging Technologies and Innovative Research* ISSN: 2349-5162, June 2019, Volume 6, Issue6, PP 257-261

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		<p>Sivasangari. S., Balakumar, R., Saravanakumar. G., “G - e* Locally Continuous and irresolute via Intuitionistic Fuzzy Topological spaces” <i>International Journal of Advanced Science & Technology</i> ISSN: 2005-4238, 2020, Vol. 29, Issue 4, PP: 3043-3048</p> <p>Sivasangari. S., Balakumar, R., Saravanakumar. G., “Some properties of G - e* Locally Closed Sets via Intuitionistic Fuzzy Topological spaces” <i>Test Engineering & Management</i> ISSN: 0193-4120, May- June 2020, PP: 7450-7454</p> <p>Sivasangari. S., Balakumar, R., Saravanakumar. G., “Intuitionistic Fuzzy G - e* Locally Function” Purakala ISSN 0971-2143, May 2020, Vol. 31, Issue 42, PP: 136-147</p> <p>Balakumar, R., Joseph. S., Swaminathan. A., “Somewhat Fuzzy Completely Irresolute Mapping” <i>The Journal of Fuzzy Mathematics</i> ISSN: 1066-8950, 2020, Vol.28, Issue 3, PP: 561 – 570.</p> <p>Sreejil, K., Balakumar, R., “Connected perfect domination set in Fuzzy Graph” <i>Journal of Critical Reviews</i> ISSN: 2394-5125, 2020, Vol. 7, Issue 6, PP: 2537-2542.</p> <p>Joseph. S., Balakumar, R., Swaminathan. A., “Fuzzy Paraopen Sets and Maps in Fuzzy Topological Spaces” <i>Annals of Communications in Mathematics</i> ISSN: 2582-0818, 2021, Vol. 4 No. 2, PP: 131-140.</p>
Awards and Achievements	:	Nil
GoogleScholar Link	:	https://scholar.google.com/citations?user=retd47AAAAAJ&hl=en
ContactAddress	:	3995/3A Old Mariamman Kovil Road, East Gate, Thanjavur 613001. Mobile: 9940757835 E.mail: balaphdmaths@gmail.com