

ISST  
JOURNAL

## CONTENTS

## Page No.

A Study of Restaurant by using Queuing Model <i>G D Mishra and Vijya Singh Chauhan</i>	1-4
Breeding Software Test Cases with Genetic Algorithms <i>Anisha Tandon and Poonam Malik</i>	5-8
Some Properties of Subclasses of Analytic Functions with Respect to N-Symmetric Points <i>N. Shilpa and S. Latha</i>	9-16
On Abstract Nonlinear Volterra-Fredholm Functional Integrodifferential Equations with Nonlocal Condition <i>Machindra B. Dhakne and Poonam S. Bora</i>	17-26
Construction of Control Chart for Power Supply Model in Queuing Theory <i>Himanshu Pandey and Ashutosh Pandey</i>	27-32
On the Zeros of Polynomials with Restricted Coefficients <i>M. H. Gulzar</i>	33-40
On Generalizations of Shannon's Inequality and Coding Theorems <i>D.S. Hooda and Sonali Saxena</i>	41-47



# ISST Journal of Mathematics & Computing System

ISSN : 0976-9048

July – December 2012

Volume 3 No. 2

*ISST Journal of Mathematics & Computing System (IJMCS)* is a bi-annual peer reviewed journal of Intellectuals Society for Socio-Techno Welfare (ISST), which aims to publish high quality original research papers of applied (practical) problems of mathematics, operations research, engineering and statistics without compromising mathematical precision. Articles that address both the theoretical aspects and the application aspects (including computational) are particularly encouraged. In addition, articles dealing with applied mathematical sciences that have a practical implication will also be accepted (for example computational techniques in operations research or statistics).

*Zentralblatt MATH* have selected *ISST Journal of Mathematics & Computing System [IJMCS]* for coverage in *Zentralblatt MATH* database.

## Chief Editor:

*Dr. S.N. Dube, Advisor, Ex-Vice Chancellor, Kota Open University, Kota, Rajasthan, India*

## Associate Editor:

*Dr. Vineet Kansal, Institute of Technology & Science, Ghaziabad, U.P., India*

*Dr. V.K. Singh, Aryabhata College of Engg. & Technology, Meerut, U.P., India*

*Dr. Rakesh Dube, Jazan University, Jazan, KSA*

## Editorial Board

*Dr. Abdul Wahid, AKG Engineering College, Ghaziabad, U.P., India*

*Dr. Acu Ana Maria, Lucian Blaga University, Sibiu, Romania*

*Dr. Alka Chaubey, JIIT University, Noida, U.P., India*

*Dr. Arnab Kumar Maji, North Eastern Hill University, Shillong, Meghalaya, India*

*Dr. A. K. Singh, Sharda University, Gr. Noida, U.P., India*

*Dr. A. K. Upadhyay, Indian Institute of Technology, Patna, Bihar, India*

*Dr. A. M. S. Ramasamy, Pondicherry University, Puducherry, India*

*Dr. Brahim Bouzouia, Haut Conseil p.l Langue Arabe, Algeria*

*Dr. Babu Bhuyan, North Eastern Hill University, Shillong, Meghalaya, India*

*Dr. Deepika, Indira Gandhi National Open University, New Delhi, India*

*Dr. Dibyajyoti Bhattacharjee, Assam University, Silchar, Assam, India*

*Dr. Emmanuele DiBenedetto, Stevenson Center, Nashville, TN, USA*

*Dr. Fathi Tenzakhti, University of Glasgow, Glasgow, UK*

*Dr. G. D. Mishra, G. L. Bajaj Institute of Technology & Management, Gr. Noida U.P., India*

*Dr. George Anastassiou, University of Memphis, Memphis, TN, USA*

*Dr. Hradyyesh Kumar Mishra, Jaypee Institute of Engineering & Technology, Guna, M.P., India*

*Dr. Huei-Jan Shyr, National Chung-Hsing University, Taichung, Taiwan*

*Dr. Iqbal Husain, Jaypee Institute of Engineering & Technology, Guna, M.P., India*

*Dr. Jerry Bona, University of Illinois at Chicago, IL, USA*

*Dr. Jozsef Sandor, Babes-Bolyai University of Cluj, Romania*

*Dr. Miodrag Petkovic, University of Nis, Serbia*

*Dr. Mridul Kumar Gupta, C.C.S. University, Meerut, U.P., India*

*Dr. Ng C. O., The University of Hong Kong, Hong Kong*

*Dr. Om P. Singh, KNGD Modi Engineering College, Modinagar, U.P., India*

*Dr. Pawan Sharma, National Institute of Technology, Hamirpur, H.P., India*

*Dr. R. K. Gangale, Sagar University, Sagar, M.P., India*

*Dr. R. S. Gupta, Kamla Nehru Institute of Technology, Sultanpur, U.P., India*

*Dr. Ravi P. Agarwal, Florida Institute of Technology, Melbourne, FL, USA*

*Dr. Sanjeet Singh, Indian Institute of Management, Calcutta, WB, India*

*Dr. S. B. Singh, G. B. Pant University of Agriculture & Technology, Pant Nagar, Uttarakhand, India*

*Dr. S. K. Mishra, Banaras Hindu University, Varanasi, U.P., India*

*Dr. S. K. Pandey, Institute of Technology, Banaras Hindu University, Varanasi, U.P., India*

*Dr. Sunil, National Institute of Technology, Hamirpur, H.P., India*

*Dr. Vijay Gupta, Netaji Subhas Institute of Technology, New Delhi, India*

*Dr. Vikas Shinde, Madhav Institute of Technology & Science, Gwalior, M.P., India*

**Submission of Manuscript :** Log on to [www.isst.org.in](http://www.isst.org.in), click on Call for Papers <http://isst.org.in/index.php?call>, Prepare according to **Sample Template** and upload your paper at **Submission of Manuscript**.

Subscription Rates :	Annual	Single Copy
India	INR 1000	INR 500
Overseas	US \$ 200	US \$ 100

Send your subscription through D.D./Ch. In favour of "Intellectuals Society for Socio-Techno Welfare" Payable at "Ghaziabad". Subscription/ Membership form may be download from our website

© Intellectuals Society for Socio-Techno Welfare. All rights reserved.

**Published by :** Mr. Kewal Sharma, Secretary  
INTELLECTUALS SOCIETY FOR SOCIO-TECHNO WELFARE  
B-401, Swarnjayantipuram, Near Govindpuram,  
Ghaziabad-201003 (U.P.) INDIA  
E-mail : [info@isst.org.in](mailto:info@isst.org.in) URL : [www.isst.org.in](http://www.isst.org.in)

**Printed by :**  
M/s Creative Design & Prints  
G-21, Gali No.3, Ganga Vihar, Delhi  
at NHP Offset, Delhi  
E-mail: [creativedesigntudio@rediffmail.com](mailto:creativedesigntudio@rediffmail.com)

**Regd. Office :** Intellectuals Society for Socio-Techno Welfare, B-401, Swarnjayantipuram, Govindpuram, Ghaziabad-201003 (U.P.) India  
E-mail : [info@isst.org.in](mailto:info@isst.org.in) Web Site : [www.isst.org.in](http://www.isst.org.in)