

**One Day National Conference on
“Recent Innovations in Science, Technology and
Engineering”**

ISBN: 978-93-86171-87-0

**National Institute of Technology(NIT), Srinagar
Jammu and Kashmir (India)**

Date: 16th December 2017

INDEX

S. No.	Paper ID	Paper Title	Author	Page No.	Full Paper
1	122	Cybercrime security implementation using hardware based anti-keylogger	Dr.D.B.V Jagannadham , Mr.D.Ajit Varma	01-08	View
2	128	Modified low cost solar water purifier	Danish Ahmed , M A Lone	09-17	View
3	133	Construction and enumeration of sts 19, 21, 23	Awatef Ahmed OmarAughnai, Dr. Mohit James	18-29	View
4	134	Construction Methodology and enumeration of the Steiner Triple Systems of Order 29	Awatef Ahmed Omar Aughnai, Dr. Mohit James	30-34	View

5	135	Investigation and Analysis of Custom Power Devices	M.Padmarasan, R.Samuel Rajesh Babu	35-48	View
6	136	An experimental investigation on ceramic coarse aggregate with the partial replacement of natural coarse aggregate in m20 mix	M.P.Charan Sai, A.Vinodh Kumar, B.LakshmiNiraj an Reddy	49-55	View
7	138	Hybrid energy harvesting for low power devices	R.Krishnamoot hy, Dr.K.Umapathy	56-61	View
8	139	Large screen wireless notice display system based on android app and raspberry	Supriya K. Bodkhe, Prof. J.G.Rana,	62-71	View
9	142	A review on mechanism and various applications of human powered flywheel motormonitoring system	Pratik V. Dhage	72-75	View
10	147	3T3L1 Cell line as an in vitro model of Obesity.	Taseen Gul, Dr.M. Amin Bhat, Dr. Ehtishamul Haq	76-79	View
11	148	Effect of epigenetic modifiers on the secondary metabolite profile of the endophytic	Vishal Sharma,, Sundeep Jaglan,	80-80	View

12	150	Surface activity of Hydroxypropylcellulose in Presence of Brij56.	Paray Aijaz Ahmad	81-84	View
13	152	An experimental investigation on the properties of pervious concrete with various combinations of coarse aggregate	J.M.Kaarthik	85-96	View
14	153	Investigation of Physical Properties of CNT-Se bi-layer system Mixed by 70 MeV Ni ⁷⁺ ions and by Pulsed Laser Irradiation	Shabir Ahmad*, Muzzammil Ahmad Bhat, Mohd. Nasir, K. Asokan, M. Zulfequar	97-104	View
15	154	Study of Sulfur doped kinetics parameters on Se _{95-x} S _x Zn ₅ for Chalcogenide Nanostructures	Mohd. Nasir*, Shabir Ahamad, Muzzammil Ahmad Bhat and M. Zulfequar	105-116	View
16	156	Exploration of the Exhibition Evaluation of Artificial intelligent Methods in Commercial Predicting	Abdulhamid Tahir Hamid, Shafiu Muhammad Tahir, Yashwant Mali, Kabir Tahir Hamid, Sani Tahir Hamid, Abdulwahab Tahir Hamid	117-134	View

17	158	Notched flame holders for jet engines	Geetha.S, Madhubala.S, Marieswaran.A, Dharmahinder Singh Chand	135-144	View
18	159	Clustering Techniques in Data Mining : A Survey	Naveen Trivedi, Aparna Shukla, Suvendu kanungo	145-155	View
19	160	On weekly- \mathfrak{I} -regular and Weekly- \mathfrak{I} -normal spaces	Nitakshi Goyal	156-159	View
20	161	On Kernel of a set	Nitakshi Goyal	160-163	View
21	162	Characterization of regular spaces via ideal	Nitakshi Goyal	164-167	View
22	164	Structural investigations of bulk undoped and Ni doped ZnO samples: Role of NiO Secondary phase	Muzzammil Ahmad Bhat*, Shabir Ahmad , Mohd. Nasir	168-172	View
23	165	Response of Pile foundation to Horizontal Load: A Review	S. Ahmed, M. R. Sadique, V. A. Sawant	173-178	View
24	166	Discharge coefficient for side compound weirs in open channel	Ali Shariq, Ajmal Hussain, and Mujib Ahmad Ansari	179-188	View
25	169	Stress analysis of tunnel in soft soil: a state of art report	M. A. Khan, M. R. Sadique, M. M. Alam	189-197	View

26	170	Bayesian analysis of Generalized Exponentiated Moment Exponential Distribution with Applications to Medical Science and Engineering	Kawsar Fatima , S.P Ahmad	198-209	View
27	171	On Parameter Estimation of Inverse Lomax Distribution Using Bayesian Method with application in Reliability Analysis	Uzma Jan , S.P. Ahmad	210-210	View
28	172	Dynamic Trust Network - A Web based Model	Ab. Wahid Wali	211-216	View
29	173	Classical and Bayesian Estimation of Scale Parameter In Weighted Erlang Distribution Using Real Data Set	Sofi Mudasir , S.P Ahmad	217-217	View
30	175	Bayesian analysis for generalized rayeigh distribution: lindley's approximation	Hummara Sultan , S.P Ahmad	218-227	View

31	177	A New Procedure of Variance Estimation Using Linear Combination of Conventional and Non- Conventional Parameters	Asra Nazir, Rafia Jan, T.R.Jan.	228-236	View
32	179	Modified class of estimators for estimating population variance in simple random sampling using auxiliary information.	Rafia Jan, Asra Jan , Tariq Jan.	237-244	View
33	180	An efficient energy management system using solar energy.	Snehal D. Solunke, Vishwashri A Kulkarni	245-251	View
34	181	Comparative thermal performance of active weir and conventional solar stills	Mahesh Kumar, Suraj Yadav, Himanshu Manchanda, Om Prakash	252-266	View

35	183	Epigenetic modification and their role in normal development, regeneration, IPSC generation and disease progression.	Mohd Ishaq Dar , Parvaiz Ahmad Dar , Khalid Bashir	267-271	View
36	186	Industry Optimization using Smart monitoring of various Parameters	Azmat Ali Mir, Maleeha Shabeer Koul, Sheezan Manzoor	272-280	View
37	187	DEFORESTATION AND ITS IMPACT ON ENVIRONMENT	Gursharn Singh, Beant Singh	281-287	View
38	190	A new discrete flexible model: Geeta-kumaraswamy distribution with application	Zahoor Ahmad Adil Rashid, and Tariq Rashid Jan	288-295	View
39	191	Utilization of Nasturtium officinale R. Br. dye available in Kashmir valley for value added paper and products: A way forward towards green chemistry	Sartaj A Ganie, Shoukat Ara ,Saakshy Agarwal	296-304	View

40	192	Characterization of Transmuted Size-biased Exponential distribution and its Applications	Kaisar Ahmad , S.P. Ahmad	305-315	View
41	193	A new discrete distribution for vehicle bunch size data: model, properties, comparison and application	Adil Rashid, Zahoor Ahmad , T. R. Jan	316-324	View
42	196	a novel framework for dynamic business semantic web service clustering	Manish Kumar Mehrotra, Suwendu Kanungo	325-332	View
43	201	Biosynthesis of copper oxide nanoparticles using Momordica charantia leaf extract and their characterization	S. Alwin David*, S. Immanuel Rajadurai and S. Vignesh Kumar	333-340	View
44	202	Resemblance of laws for Set Theory and Boolean Algebra	Sajad Ahmad Shah	341-345	View
45	144	Investigation of disulfides of aryldithiocarbonates based on spectroscopic studies	Atiya Syed	346-350	View

46	146	Study of security enhancement strategies in digital image processing	Neha Mahant , Assist. Prof. Sharanjit Singh	351-361	View
47	197	Skew signless laplacian energy of Oriented graphs	Bilal Chat	362-370	View
48	206	Synthesis and characterization of Ni-ferrite based Polyaniline nanocomposite for highly efficient dye adsorption	Ferooze Ahmad Rafiqi*, M. Abdullah Dar*, Kowsar Majid*	371-371	View
49	209	Analysis of Paradigm-Shift in Cloud-based GIS Systems	Shafat Khan, Dr. Syed Mutahar Aaqib, Faisal Maqbool	382-381	View
50	137	A Healthcare Analysis: A Comprehensive Study of Fruit Disease Detection	SHARANJIT SINGH, SHIVANI	382-390	View
51	157	Promoter methylation of GSTPI in breast cancer	Aaliya Bhat, Bashir Ahmad Ganai, Akbar Masood	391-391	View

52	188	Integrated application of phosphorus along with different biofertilizers on various growth parameters of maize (Zea mays L.) under intercropping system	M.Hussain Dar*, R.Groach, S.M.Razvi	392-398	View
53	198	Structure analysis of disordered xanthates	Gurvinder Kour*, Rajnikant	399-399	View
54	213	Variation in the CMC of Surfactants with Change in Polymer Concentration	Paray Aijaz Ahmad	400-403	View
55	217	Data Quality and Data Gaps in Educational Data Base (U-DISE)	Sheeraz Ahmad Peerzada , Dr.Jitendra Seethalani	404-408	View
56	219	Positivist leads of the Minnowbrook Conference-1 and its application in the Indian perspective: a conceptual analysis	Kanishka Pathak, Dr. Shiv Kumar Sharma	409-414	View
57	222	Comparative Study of complete graph and Perfect Difference Network (PDN)	Tahir Ahmad Shiekh, Gh. HassanGanaie , Rehana Farooq	415-421	View

58	224	X-ray Crystal Structure of (3, 4dimethoxybenzylidene) propanedinitrile	Dalbir Kour , Rajni Kant	422-422	View
59	127	Antibacterial activities of Plant Extracts of <i>Daphne oleoides</i>	Muhammad Younus Dar,* Seema Akbar	423-423	View
60	131	Textural, Physico-chemical, Micro-structural and Antioxidant Properties of Soy Paneer prepared from admixtures of Skim cow milk and Soymilk.	Hilal Ahmad Punoo*, Mohd. Shafi , Waqas Nabi Baba	424-437	View
61	189	"Structural and Optical studies of La ₂ NiMnO ₆ ceramics"	Shah Aarif Ul Islam , Mohd Ikram.	438-438	View
62	206	Synthesis and characterization of Ni-ferrite based Polyaniline nanocomposite for highly efficient dye adsorption.	Ferooze Ahmad Rafiqi*, M. Abdullah Dar*, Kowsar Majid*	439-439	View
63	207	Gamma irradiation Induced Band Gap Modifications in Nanocrystalline Vanadium Oxide Thin Films	Bilal Ahmad*, Mushtaq Magray, K Asokan	440-440	View

64	214	Some Extensions and Generalizations of the Bounds for the Zeros of a Polynomial with Restricted Coefficients	M.H.Gulzar , Ajaz Wani	441-448	View
65	221	Effect of percentage doping of Lanthanum on Structural, and Dielectric properties of Al₂O₃	Farooq. Ahmad. Dar, M. A. Shah	449-449	View
66	300	An efficient protocol for the synthesis of α-Amino phosphonates: An impartment class of biologically active compounds	Nisar A Dangroo*, Asif A Malik , Tabassum Ara	450-450	View
67	204	Conversion Efficiency (ZT) of Thermoelectric Materials: A Speculative Study by Lagrangian Method of Multipliers	A.H. Sofi, B. Abubakr, M.A. Shah	451-451	View
68	208	ENERGY AND EXERGY ANALYSIS OF 125 MW COAL FIRED THERMAL POWER PLANT	Vibhanshu Vishesh, Neel Kanth Grover	452-458	View

69	301	Operators Preserving Inequalities Between Polynomials	Irfan Ahmed Faiq, Lubna Wali Shah, Ishfaq Ahmad Malik	459-459	View
70	302	COMMUNICABLE AND NON COMMUNICABLE DISEASES IN RURAL AND URBAN AREAS OF KATRA IN INDIA: A COMPARATIVE ANALYSIS	Zubair Ahmad, Dr.Jitendra Seethalni	460-468	View
71	182	Some Information Measures for Gamma Exponential Distribution	Suriya Jabeen, T.R Jan	469-482	View
72	212	Regularity and projective dimension of edge ideals of crown graphs	Shahnawaz Ahmad Rather	483-483	View
73	210	A study of almost tangential intersection curves of four parametric hypersurfaces in R^5	Mohamd Saleem Lone, Mehraj Ahmad Lone, Rezwan ul shaban	484-495	View
74	167	Studies on crystal growth, characterisation and properties of some metal coordinated organic ligands	Nazir Ahmad, G. M. Bhat	496-496	View

75	185	Analysis of Defunct Hydropower plants of Jammu and Kashmir	Sheikh Suhail Mohammad , Sheikh Abbas Mohammad , Nasir Rehman	497-506	View
76	223	Number of Zeros of a Polynomial in a Disk	Idrees Qasim, Tawheeda Rasool, Abdul Liman	507-514	View
77	303	An approach on the road map to testing technique based on cyber crime	Yuvaraj S, Dr. R. P. Singh, Mrs. R. Prithiviraj	515-520	View