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MAT05	K. M. Nagaraja	Representation of Catenary as a Mathematical Mean	
MAT06	R. Sampathkumar <sup>a</sup> , K.M. Nagaraja <sup>b</sup> and V. Lokesha <sup>c</sup>	Convexities of Stolarsky's Mean With Respect to Well Known Means	
MAT07	G. Narasimhan <sup>a</sup> , R. Sampathkumar <sup>b</sup> and K.M. Nagaraja <sup>c</sup>	Invariant Contra Harmonic Mean With Respect to Geometric Mean and its M-Power Schur Convexity	
MAT08	<sup>a</sup> R.C. Lakshmi Janardhana and <sup>b</sup> K. M. Nagaraja	Schur Convexities and Concavities of Generalized Heron Mean With Respect to Other Means	
MAT09	A. Padmanabha Reddy <sup>a</sup> , S. H. Manjula <sup>b*</sup> , C. Sateesha <sup>c</sup>	Haar wavelet method for solving the system of linear Volterra integral equations with variable coefficients	
MAT10	B. Vishwanath Awati <sup>a</sup> and Manjunath Jyoti <sup>b*</sup>	Series solution for laminar flow between a fixed impermeable disk and a porous rotating disk	
MAT11	M. Manjunath <sup>a</sup> and K.M. Devendraiah <sup>b</sup>	Certain Adriatic Indices envisage of Carbon Nanocone	
MAT12	K. Murali <sup>a</sup> and K. M. Nagaraja <sup>b</sup>	On a Refined Shafer-Fink Inequality	
MAT13	K. N Prakasha <sup>c</sup> , P. S. K Reddy <sup>a*</sup> , S. Vijay <sup>b</sup>	On Minimum Dominating partition energy of a graph	
MAT14	P. S. K Reddy <sup>a</sup> , S. Vijay <sup>b</sup> , K. N Prakasha <sup>c</sup>	On Minimum Dominating Harary energy of a graph	
MAT15	Pralahad Mahagaonkar	Some results on Harmonic mean of certain triangular line graphs	
MAT16	Vijayalaxmi Shigehalli <sup>a</sup> , Rachanna Kanabur <sup>b</sup>	On Certain Degree-Based Topological Indices of Armchair Polyhex Nanotubes	
MAT17	B. Vishwanath Awati <sup>a</sup> , Shankar Naik <sup>b</sup>	An Isothermal Elastohydrodynamic Lubrication of Elliptical Contact with Multigrid Method	
MAT18	V.S. Shigehalli and Vijayakumar Patil	Degree Equitable Connected cototal dominating energy of graph	
MAT19	A. Usha <sup>a*</sup> , P.S. Ranjini <sup>b</sup> and V. Lokesha <sup>c</sup>	Investigation of Topological Indices for anti cancer drug	
MAT20	P. S. K Reddy <sup>a</sup> , S. Vijay <sup>b</sup>	Minimum Equitable Dominating Randić energy of a graph	



	K. N Prakasha <sup>c</sup>		
MAT21	M.C. Vishwanath <sup>a</sup> , K. M. Roopa <sup>b*</sup> , H.R. Apoorva <sup>c</sup> , and V.K. Srinivas <sup>d</sup>	A Review and Evaluation of Different Algorithms for Shortest route in Network System	
MAT22	K. Zeba Yasmeen <sup>a</sup> and Sushmitha Jain <sup>b</sup>	SK indices, Forgotten Topological indices and Hyper Zagreb index of Q operator of Nanocones $CNC_k(n)$	
MAT23	A. Padmanabha Reddy <sup>a</sup> , U. Naveen kumar <sup>b</sup>	Denoising of Medical Images using Wavelet Transform	
MAT24	A. Padmanabha Reddy <sup>a</sup> , H. Melkeri Arunkumar <sup>b</sup>	Approximation of Functions by Haar Wavelets	
MAT25	B. Vishwanath Awati <sup>a</sup> , Ashwini Kengangutti <sup>b</sup> and N. Mahesh kumar <sup>c</sup>	Finite difference method for the solution of combined effect of viscosity variation and surface roughness on the squeeze film lubrication of journal bearings	
MAT26	B. Chaluvvaraju	A Perspective Approach Using Graph Models in Protein Network / Structural Analysis	
MAT27	T. Deepika	Inventive on Topological indices and M-Polynomials of 2D-Lattice, Nanotube and Nanotorus via Semi-total line and point Operators	
MAT28	Sreenivasa reddy perla <sup>a*</sup> , S. Padmanabhan <sup>b*</sup> , and V. Lokesha <sup>c</sup>	Schur-convexity for Gini-mean of n variables	
MAT29	B. Chaluvvaraju <sup>a</sup> and H. S. Boregowda <sup>b*</sup>	On Atom- Bond Connectivity Index of Certain Classes of Derived Graphs	
MAT30	S. K. Indrajitsingha <sup>a</sup> , P.N. Samanta <sup>b</sup> and U.K. Misra <sup>c</sup>	A fuzzy Inventory model for deteriorating items with stock dependent demand rate	
MAT31	S. G. Prasannakumar	Additive Color Laplacian Energy of a Graph.	
MAT32	S. Chetan <sup>a</sup> , H.S. Sheshadri <sup>b</sup> , V. Lokesha <sup>c</sup>	Hybrid Image Edge detection algorithm using ACO and ABCP method	
MAT33	H. Sunilkumar Hosamani	On the Inverse Degree of Graphs	
MAT34	S. Vijay	Minimum Equitable Dominating Randić' energy of a graph	
MAT35	P. S. Hemavathi	The H-Line signed Graph of a Signed Graph-II	
MAT36	B. Vishwanath Awati <sup>a</sup> , Shankar Naik <sup>b</sup> and N. Mahesh Kumar <sup>c</sup>	The solution of EHL point contact with bio-based oils as lubricants for smooth and rough asperity using Multigrid method	
MAT37	K. R. Naveenkumar <sup>a</sup> , B. Ramesh Kudenatti <sup>b</sup> , Suresh kumar S <sup>c</sup>	Solution to Reynolds equation of micropolar fluid MHD lubrication of porous journal bearing using finite difference based multigrid method	
MAT38	R. Shruti	On Certain Topological Indices of Nanostructures using Q (G) Operator	
MAT39	Sandeep Kumar	Asymptotic Expansion of Oscillatory Means and its Applications	
MAT40	Shivaputra <sup>a</sup> , H.S. Sheshadri <sup>b</sup> and V. Lokesha <sup>c</sup>	Improved – MRLE technique for Compression of Color Images	
MAT41	Kulkarni Sunita Jagannatharao <sup>a</sup> , R. Murali <sup>b</sup>	Domination in the $\beta$ – Block Transformation of Graphs	
MAT42	U. Vijaya Chandra Kumar <sup>a</sup> , R. Murali <sup>b</sup>	Edge Domination in Some Brick Product Graphs	
MAT43	B. Vishwanath Awati	Dirichlet series and approximate analytical solution of	

		MHD Casson fluid flow over a permeable stretching/shrinking sheet	
<b>LIFE SCIENCES</b>			
LIFPP01	V.N.Murulidhara and V.N.Yogananda Murthy	Dynamics of Cyanophyceae in certain Fresh Water lakes of Tumakuru District, Karnataka, India	
LIFPP02	T.R.Parashurama <sup>1</sup> and J. Deepa <sup>2</sup>	Pteridophytic flora of Narasimha Raja Pura Taluk, South India	
LIFPP03	S. Evelyn Harshitha <sup>1</sup> , Kalyani Halgekar <sup>2</sup> , Jocelyn Fernandes <sup>3</sup> , Sachin Patil <sup>3</sup> and Laxmi Inamdar <sup>3</sup>	Impact of herbicide oxyflurorfen on endocrine, biochemical and histopathological measures in male mice <i>Mus musculus</i>	
LIFPP04	Sinduja.S and Parashurama T.R	Sacred plants in Gangavathi Taluk, Hyderabad Karnataka	
LIFPP05	G. Mallana Goud and Vedavyasa Sagar	Physico-Chemical Characteristics of water tank of Kamalapur village of Hosapete Taluk, Ballari District, Karnataka	
LIFPP06	Ravikumar S Patil <sup>1</sup> , B.S. Janagoudar and G.R. Naik	Bioproduction studies of Biofuel species on saline Waste Lands of North-Karnataka	
LIFPP07	G. Santhosha., Saif Afreen Kausar, S.Shruthi., R.Vikas and B. Gowramma*	Formulation of Natural Biorepellent	
LIFPP08	D. Satheesh	Studies on certain reproductive aspects of mouth brooding fish <i>Oreochromis mossambicus</i> (peters).	
LIFPP09	T.Mallika and T.R.Parashurama	Antifungal activities of <i>Prosopis juliflora</i>	
LIFPP10	C.B. Sanjeevkumar and Ramesh L Londonkar*	Green synthesis of silver nanoparticles and its Antibacterial studies using <i>Cassia javanica</i> L.	
LIFPP11	Arjun N. Shetty and Srinath Rao*	Over Expression of Cold Shock Protein B ( <i>cspB</i> ) Gene Enhances Sucrose and Proline Content in Drought Stressed Sugarcane Plants	
LIFPP12	Mahesh Divatar and K Lingappa*	Enhancement of L-glutaminase productivity by <i>Pseudomonas</i> sp KLM9 Employing Response Surface Methodology	
LIFPP13	Y. Sai Sandeep., <sup>1</sup> Evelyn Harshitha <sup>2</sup> , Manasa Prabhu <sup>2</sup> ,	A Field Survey in Ballari Zoo: Ecological, Social perspective	
LIFPP14	Shivakumar, Pradeep Bosnurmat and Parashrama.T.R*.	Efficiency of organic formulation-Jeevamrutha in soil fertility	
LIFPP15	Suresha, H. R <sup>1</sup> and *Krishnappa M <sup>2</sup> .	Diversity of aquatic Fungi in Tarikere Taluk, Chikmagalur District, Karnataka	
LIFPP16	M. Pavithra and Hina Kousar	An Investigation on efficiency of <i>Eichornia crassipes</i> in reduction of Color, COD and BOD from Textile Industry effluent	
LIFPP17	G.Vani and Parashurama T.R	Associated mycoflora of damaged leaves of certain medicinal plants	
LIFPP18	K. Ravikiran*and R.S. Kulkarni	A study on DNA/RNA content in some tissues of fresh water fish <i>N. notopterus</i> from different aquatic bodies of	

		Gulbarga	
LIFPP19	M.G.Nadagouda <sup>1</sup> , Lingappa K <sub>2</sub> and Malipatil S.G	Influence of Carbon and Nitrogen sources to the rice bran for the production of cellulase enzyme by using <i>Trichoderma viride</i> GSG12 under solid state fermentation	
LIFPP20	S.M. Shruti and T.R. Parashurama	Diversity of Pollen Viability of Certain Plants in VSK University campus, Ballari	
LIFPP21	R.Ravi Kumara, H.L.Ramesh <sup>1</sup> and V.N.Yogananda Murthy	Morphological and micro anatomical variations in some mulberry ( <i>Morus sp.</i> ) Genotypes at different ploidy levels	
LIFPP22	Basavaraja Jeer and Parashurama T.R*	Ethno-Medico-Botanical knowledge in Ballari taluk, Karnataka	
LIFPP23	G. Sandhya and K. Lingappa*	Development of Menaquinone -7 enriched nutraceutical by Response Surface Methodology	
LIFPP24	Basavaprabhu and Suresh. H.R*	Comparative study of phytochemical composition of <i>Pongamia pinnata</i> (L.) diseased & healthy leaf material in Ballari region	
LIFPP 25	Taluk, Ballari M.D.Manasa and B.Gowramma*	Physico-chemical characteristics of soil in Kudligi	
LIFPP26	Meghashyam K., Sreevani B* and Parashurama T.R	Phytochemical and Antimicrobial activity of <i>Celosia argentea</i>	
LIFPP27	B.Manjula.,Vikas.R* and Parashurama T.R	Growth promotion studies in Sorghum	
LIFPP28	*K.M. Kumar,	Molecular simulation studies on COX-2 and LOX inhibitors	
LIFPP29	Raghavendra Ramachar and C.T.Shivannavar*	Antibiogram Pattern and Phenotypic detection of Extended Spectrum beta lactamase (ESβL) producing <i>E.coli</i> isolates from clinical urine samples collected at Kalaburagi city	
LIFPP30	N. Bharathi., Suresh H.R* and T.R Parashurama	Histological study of certain Apocynacea members	
LIFPP31	Rahul Narasanna, ManjunathChavadi, Ajaykumar Oli , Kelmani Chandrakanth*	Bacteriophage Therapy against Multidrug Resistant <i>Salmonella typhi</i> in Animal Model	
LIFPP32	Suma Madular.,*Suresh H.R and Parashurama T.R	Mycobiota of certain spices in Haveri Taluk	
LIFPP33	Y. Umaphi <sup>1</sup> , SaiSandeep. Y <sup>2</sup> , Anuradha.K <sup>3</sup>	Flora, Fauna Diversity and Ethno-Botanical Studies of Ballari fort in Hyderabad Karnataka backward region, India	
LIFPP34	P.G.Thejeswini, *B.Gowramma and Parashurama.T.R	Enumeration of plant diversity in Ballari city, Karnataka	
LIFPP35	Monica .K.J. Nidhi and Parashuram.T.R.	Phytochemistry and biological activities of <i>Propolis juliflora</i> (sw.)	
LIFPP36	Saif Afreena Kauser and Suresha H.R	Documentation of Pyto-Ethanobotanical knowledge of local practitioners in Gangavathi taluk of Koppal District, Karnataka.	
LIFOP01	K. Mohan Reddy <sup>1</sup> , Seelam Siva Deepthi <sup>2</sup> , A.	Industrially important enzymes of Extremophiles isolated from ancient monuments of Hyderabad-Karnataka region	

	Parameshwar <sup>1</sup> and M. B. Sulochana <sup>1</sup>		
LIFOP02	G. Mallana Goud and Vedavyasa Sagar	Physico-Chemical Characteristics of water tank of Kamalapur village of Hosapete Taluk, Ballari District, Karnataka	
LIFOP03	V.N.Murulidhara and V.N.Yogananda Murthy	Dynamics of Cyanophyceae in certain fresh water lakes of Tumakuru District, Karnataka, India	
LIFOP04	D.Ramakrishna*., Govindappa M, Kiran S and Ravishankar	<i>In-vitro</i> and <i>In-silico</i> studies on natural compounds isolated from <i>Salacia sps.</i> and analyze their anticancer potential	
LIFOP05	O.P.Anupama., Subina Bharathan, Swetha Raghavan, Yogesh B.J, Bharathi S and Pramod T.	Some studies on the isolation and screening of L- Glutaminase producing strains from different agrowaste Substrates	
LIFOP06	A. Shivalee and K. Lingappa*	Optimization of process parameters for the enhanced production of Chitinase under submerged fermentation	
<b>INTERDISCIPLINARY SCIENCES</b>			
IS01	D.Basavaraja <sup>1*</sup> , S. L Arunkumar <sup>2</sup> and Mahesh M <sup>3</sup>	Spatial analysis of Fluoride in Groundwater using Geographical Information System in Shahapur Taluk of Yadgir District, Northern Karnataka	
IS02	Sharankumar Shastri <sup>1</sup> and Santosh Patil <sup>2</sup>	SMART AGRICULTURAL METHODS USING IOT	
IS03	B.S. Sundar Mety*., Janagoudar., Shamrao Kulkarni., Kisan and Shruti	Identification of different individual Sexes in <i>Simarouba glauca</i> (Paradise Tree) using simple Chlorophyll methods	
IS04	A.Subba Rao, Y Eesh Kumar, P.S Kumar & SJG Krishna	Recovery of high value metals from used Printed Circuit Boards –A Review	
IS05	Dr. S. Sadiqa Begum, Dr. Mariraj Jeer	Nitrofurantoin susceptibility in urinary tract infections (utis) in an era of drug resistance	
IS06	Madhupriya K Suttakoti, Naidile P N, Nidhi S Meda, Niriksha T K	E-Agri System	
IS07	Archana Y Kalal <sup>1*</sup> , Sharangouda Hiregoudar <sup>2</sup> , Udaykumar Nidoni <sup>2</sup> , Ramachandra C. T. <sup>2</sup> , Nagaraj Naik <sup>2</sup>	Probiotics Role in Food Processing	
IS08	Archana Y Kalal, Sharanagouda Hiregoudar and Madake Meghraj,	<i>Acorus calamus</i> : A Good Storage Ingredient	
IS09	Dinesha, B. L <sup>1</sup> ., Sharanagouda Hiregoudar <sup>1</sup> ., Anshup, S <sup>2</sup> ., Ramachandar, C. T <sup>1</sup> ., Udaykumar Nidoni <sup>1</sup> and Anil K Dandekar <sup>3</sup>	Eco-friendly Controlled Release Nano-adsorbent Based Pesticide Dispenser for Precision Agriculture	
IS10	Archana Y Kalal* and Sharanagouda Hiregoudar	Synthesis of Silver Nanoparticles using <i>Azadirachta indica</i> (Neem) extract and its usage in Water Purification	

IS11	Umesh, M.R.,* Chittapur, B.M. Jagadish and Mallesha	Impact of intensive rice production on greenhouse gas emission and ways to minimize through alternate production technologies	
<b>ENGINEERING SCIENCES</b>			
ENG01	G. Ravi Prakash*, K. M. Vinayaka Swamy,	Piezoelectric MEMS Sensor	
ENG02	K. M. Vinayaka Swamy <sup>1</sup> and G.Ravi Prakash <sup>2</sup>	The Electrostatic MEMS mirrors in COMSOL Multiphysics	
ENG03	Vicky Samson, Manoj M, Harshitha V, Harshitha MP	Securing Cloud Data Using DNA Cryptography	
ENG04	<sup>1</sup> Manoj, Ravi Prakash*, <sup>2</sup> K. M. Vinayaka Swamy,	Coin Based Mobile Charger with Solar Tracking	
ENG05	<sup>1</sup> Sudha H Thimmaiah and <sup>2</sup> G. Mahadevan	Study And Comparison Of Range Based Localization Techniques In Wireless Sensor Networks	
ENG06	S Swarna <sup>1</sup> , T R Divakara <sup>1</sup> . And M.T.Swamy <sup>2</sup>	Synthesis of Biodiesel from Neem oil and Comparison of the performance of n-Hexane blended Biodiesel with Unblended Biodiesel in IC engine	
ENG07	S.D N HAYATH ALI <sup>1</sup> , DR.M.GIRI <sup>2</sup>	Comparative Study On Various Tcp Related Protocols For Video Streaming In Wireless Networks	
ENG08	K M Vinayaka Swamy <sup>1</sup> & G Ravi Prakash	The Electrostatic MEMS mirrors in COMSOL Multiphysic	
ENG09	*K.M. Kumar,	Molecular simulation studies on COX-2 and LOX inhibitors	
ENG10	G U Kavya, T S Kruthi, M Anvitha tumkur, S P Gururaj	PROJECT NAME: CLOUD THERMOMETER	
ENG 11	G Ragavendra	Project Title: Design, Fabrication and Dynamic Analysis of Stirling Engines for Applications in Distributed Power Generation	
ENG12	V Rashmi, V Manohar Nelli	“A Survey on different IP address lookup approaches”	
ENG13	Hiregoudar Yerrannagoudar , K Manjunatha <sup>2</sup>	Impact of Biofuels on Society and Economy	
ENG14	K. M. Vinayaka Swamy <sup>1</sup> , B S Shoba <sup>2</sup> , B Pooja <sup>2</sup> ,L Raziabegum . Nadaf <sup>2</sup> and A Nandini <sup>2</sup>	Smart Quality Water Management for City based on MQTT	
ENG15	A P Prashantha Kumar	“Effective Solid Waste Management In The Urban & Smart Cities To Achieve Swacchha Bharath Goal (Clean India) & To Protect The Public Health & Enviornment”	
ENG16	Harishkumar kushtagi shetra	Technical specifications under the digital village making rural india shine	
ENG17	Biswajeet kumar	Introduction to Brain Computer Interface	
ENG18	R Chetan <sup>1</sup> , D Divya <sup>2</sup> , H Kavya <sup>3</sup> , Putta prashanth <sup>4</sup> , Vani S <sup>5</sup>	Implementing Employee Finance Management System using Android Environment	
ENG19	K Kumar Swamy <sup>1</sup> , Mujeeb Ansari <sup>2</sup> , Shridhar Desai <sup>3</sup>	GSM Based Alert Message to Avoid Overflow of Water	
<b>OTHERS</b>			

<b>OTH01</b>	Animesh Kumar <sup>1</sup> , Madhu B K <sup>2</sup>	Predictive Analysis of tracking heart beat while driving	
<b>OTH02</b>	Arun shekar	Indian Sign Language Recognition System: An approach based on Spatial Relationship	
<b>OTH03</b>	Kiran suhas N,	Impact of rfid technology in library management system	
<b>OTH04</b>	G P Vinay,	Impact of ICT: A study on Bhoomi Project	
<b>OTH05</b>	N.Premalatha <sup>1</sup> , Afreen <sup>2*</sup>	Financial Discrimination Of Women In Sudha Murthy's "Dollar Bahu".	