## **ENGINEERING AND TECHNOLOGY (ET)**

Sr. no.	Research Paper/Article/Author	Page no
	EFFECT OF PROCESS PARAMETERS ON TENSILE STRENGTH	
ET-1	OF FRICTION STIR WELDED Al-Cu-Mg-Si-SiCp COMPOSITE	1
E1-1	Subramanya R Prabhu B, Arun Kumar Shettigar, Karthik Rao M	1
	C, Akshay Nigalye, Mervin A Herbert and Shrikantha S Rao	
ET-2	A REVIEW OF EFFICIENT REMOVAL OF NOISE FROM	
	DIGITAL VIDEOS AND IMAGES	1
	Anand B. Deshmukh	
	RHEOLOGICAL PROPERTIES OF IMPACT MODIFIED PBT/PTT	
ET-3	BLENDS BASED NANOCOMPOSITES	2
	Ranjana Sharma, Purnima Jain and Prabhat K Upadhyay	
	PATH PLANNING FOR HUMAN MOTION USING ASTAR	
ET-4	ALGORITHM	2
	Prathama Parag Timbadia and Vivek Kshirsagar	
ET-5	SECURED CLOUD STORAGE USING MULTI-CLOUDS	3
E1-3	M.V.Bramhe, M. V. Sarode and L.G.Malik	3
	PERFORMANCE ANALYSIS OF ADABOOST CLASSIFIER AND	
ET-6	OPTICAL FLOW METHOD ALGORITHMS FOR HUMAN	3
L1-0	MOTION DETECTION	3
	Moiz A. Hussain and G. U. Kharat	
	A REVIEW ON APPLICATIONS OF IMAGE SEGMENTATION IN	
ET-7	FETAL ULTRASOUND IMAGING	4
	R. S. Jaiswal and M. V. Sarode	
	MITIGATION OF VOLTAGE SAG WITH VARIOUS FIRING	
ET-8	ANGLES ON REAL TIME	4
	Vijay Gajanan Neve and Gajanan M. Dhole	
БТ О	ISSUES IN KEY EXCHANGE PROTOCOL	5
ET-9	Rahul Suryawanshi, L. G. Malik and M. V Sarode	3
	AN OVERVIEW OF MULTI ATTRIBUTE DECISION MAKING	
ET 10	(MADM) METHODS FOR NETWORK SELECTION IN	5
ET-10	HETEROGENEOUS WIRELESS NETWORKS	3
	Piyush K. Ingole and M.V.Sarode	
	EFFECT OF WELDING PARAMETERS ON MICROSTRUCTURE	
	AND MECHANICAL PROPERTIES OF FRICTION STIR WELDED	
ET-11	METAL MATRIX COMPOSITE	6
	Arun Kumar Shettigar, Subramanya Prabhu B., Rashmi Malghan	
	L, Mervin A. Herbert and Shrikantha S. Rao	

	A MOVEL METHOD FOR MEACHDEMENT OF HEMOCLOPIN	
ET 10	A NOVEL METHOD FOR MEASUREMENT OF HEMOGLOBIN	(
ET-12	USING CAPACITANCE OF BLOOD	6
	Arpita Gupta and G. U. Kharat	
	DESIGN AND IMPLEMENTATION OF AUTOMATIC FLUSH	
ET-13	SYSTEM FOR SANITATION IN PUBLIC TOILETS	7
	Parth M. Sarode	
	SURVEY ON VARIOUS APPROACHES FOR ENHANCEMENT OF	
ET-14	DIGITIZED IMAGES AND DIGITAL VIDEOS	7
	Sanjay M. Malode and M. V. Sarode	
	TRAFFIC DENSITY STATE ESTIMATION USING MULTIPLE	
ET-15	CONTIGUOUS FEATURE VECTOR FRAMES	8
21 10	Prashant Borkar, M. V. Sarode and L. G. Malik	· ·
	IMPLEMENTATION OF ACTIVE WARDEN DEFENCE MODEL	
ET-16	FOR STORAGE COVERT CHANNELS	8
L1-10	Dhananjay M. Dakhane and Prashant R. Deshmukh	O
	SECURED CLOUD STORAGE USING MULTI-CLOUDS	
ET-17		9
	M. V. Bramhe, M. V. Sarode, and L. G. Malik	
	GFF CLASSIFIER BASED COMPARATIVE ANALYSIS OF	
ET-18	DIFFERENT FEATURE EXTRACTION METHODS FOR	9
21 10	DETECTION OF DIABETIC RETINOPATHY	
	Amol Prataprao Bhatkar and G. U.Kharat	
	A SURVEY: MARKOV DECISION PROCESS IN MANET FOR	
ET-19	DETECTION OF NODES	10
	M. V. Sarode and S. K. Korde	
	A REVIEW: SMART VIDEO FORENSICS SYSTEM USING SEMI-	
ET 20	AUTOMATED ACTIVITY FILTER FOR SECURE, EFFICIENT	10
ET-20	FOOTAGE GENERATION	10
	Ajay B Gadicha and M.V.Sarode	
	IMAGE EXTRACTION FROM BRAIN TO COMPUTER	
ET-21	FUTURES TECHNOLOGY: AN ARTICLE	11
	Ram Kumar and Parag D. Thakare	
	EXPERIMENTAL INVESTIGATION ON EMISSIONS	
	PERFORMANCE OF A FOUR CYLINDER SI ENGINE USING	
ET-22	ETHANOL- A ECO-FRIENDLY FUEL	11
	P. D. Patil and S. D. Dhobe	
	TWO SPEED WIPER CONTROL USING BRUSHLESS DC MOTOR	
ET-23	AND RAIN SENSOR	12
L:1-23	Paresh Rathi	14
ET-24	COGNITIVE RADIO FOR SENSOR NETWORK NODE	12
· = ·	Hemant M. Baradkar and Sudhir G. Akojwar	

ET-25	ENERGY EFFICIENT BUILDING DESIGN IN CENTRAL INDIA M. R. Nalamwar	13
ET-26	CFD ANALYSIS OF HEAT TRANSFER AND FLUID FLOW FROM WING TYPE TURBULATOR Anish Jadhav	13
ET-27	DETERMINATION OF NUMBER OF CLUSTERS IN CLUSTER ANALYSIS AND SIMILARITY MEASURE FOR THE CLUSTERS: A SURVEY Pranjal S Bogawar	14

## MATERIAL SCIENCE (MS)

Sr. no.	Research Paper/Article/Author	Page no
MS-1	SYNTHESIS AND CHARACTERIZATION OF ZINC NANO OXIDE	15
W13-1	Sarkar Ratna	13
	X – RAY DIFFRACTION STUDIES OF PD(II) COMPLEXES OF	
MS-2	TETRADENTATE SCHIFF BASES	15
	Julekha A. Shaikh	
	CHEMICAL INVESTIGATION OF EFFLUENT FROM MILK	
MS-3	PROCESSING UNIT	16
	Sanjay Vishnu Pore	
	STUDY OF INVERSE UNSTEADY STATE THERMO ELASTIC	
MS-4	PROBLEM	16
	M. S. Warbhe	
	STRUCTURAL AND ELECTRICAL BEHAVIOR OF Co-Ti	
MS-5	SUBSTITUTED NICKEL NANO FERRITE PREPARED BY SOL-	17
1013-3	GEL AUTO COMBUSTION ROUTE.	17
	M. A. Borikar, A. S. Kakde, K. G. Rewatkar and D. M. Borikar	
MS-6	STUDY OF TECHNIQUE OF DISSECTING SOFT TISSUE	17
WI3-0	S. S. Shende and M. J. Hedau	17
	STUDY OF PREPARATION OF DITHIOCARBAMATE OF Cr(III),	
MS-7	Co(III), Ni(II), Cu(II) AND THEIR THERMAL STUDIES	18
	S. S. Sakhare	
	RELATION BETWEEN FAMILY SIZES AND LPG	
MS-8	CONSUMPTION	18
	A. A. Kalgonda	
	MARKOVIAN QUEUE WITH SERVICE INTERRUPTION UNDER	
MS-9	N-POLICY	19
	Richa Sharma	

	DYEING WITH NAPHTHOLS TO DEVELOP TIE DYE ARTICLES	
MS-10	FOR APPAREL AND HOME DECOR	19
	Neeta Kulkarni	
	THE ROLE OF PRANAYAM TO REDUCE STRAIN AND	
MS-11	DEPRESSION	20
	Ranju Gupta	
	STUDIES OF 4-FURANONE AND 4-OXAZOLONE SUBSTITUTED	
3.50.10	COUMARINS: SYNTHESIS, PHYSIOLOGICAL AND	•
MS-12	BIOLOGICAL ACTIVITY	20
	Jitendra B. Patil	
	STUDY OF COMPARATIVE BEHAVIOR OF CERTAIN TYPICAL	
3.50.10	THERMOACOUSTICAL PARAMETERS OF BINARY MIXTURES	
MS-13	OF CYCLOHEXANOL AND CYCLOHEXANE IN METHANOL	21
	Sanjay Charalwar and Satish Goswami	
	SYNTHESIS AND BIOLOGICAL ACTIVITY OF 2,5-DI(2H-1-	
	BENZO/NAPHTHOPYRAN-2-ONE-4-YL) THIAZOLO[5,4-	
MS-14	DITHIAZOLE	21
	U. C Mashelkar, J. B. Patil and R. S. Kenny	
	ROLE OF WIRELESS BODY AREA NETWORK IN REMOTE	
MS-15	HEALTHCARE MONITORING	22
	S. M. Ghatole, K. Y. Rokde, S. S. Shende and P. B. Dahikar	
	GENERAL SOLUTION OF THE HEAT EQUATION, WAVE	
MS-16	EQUATION BY SEPARATION OF VARIABLES	22
	R. K. Rajurkar	
	COMPARATIVE STUDY OF DEGRADATION OF 2-TOLUIC ACID	
MS-17	BYPHOTOFENTON AND SOLAR FENTON PROCESSES	23
	Susmita A. Mandavgane	
	DEVELOPMENT OF EXTRACTIVE SPECTROPHOTOMETRIC	
	DERTERMINATION OF Cu (II) WITH 2-[{4-(1,3-	
MS-18	BENZOIMIDAZOLE-2- YL) PHENYL} IMINO] -5- NITRO	23
	PHENOL AS AN ANALYTICALREAGENT	
	Ratnamala P. Sonawane	
	SYNTHESIS AND CHARACTERIZATION OF SUBSTITUTED	
MS-19	CALCIUM HEXAFERRITES BY AUTOCOMBUSTION METHOD	24
	S. B. Lengule, P. R. Moharkar, S. R. Gawali and K. G. Rewatkar	
	CHEMICALS PERSISTENCE IN THE BIOSPHERE: A GLOBAL	
MS-20	ISSUE	24
	Reshal Deshmukh and Yogita Meshram	

MS-21	NAKEDNESS AND CURVATURE STRENGTH OF SINGULARITIES ARISING IN THE HIGHER-DIMENSIONAL SPACETIMES P N Mulkalwar	25
MS-22	STUDY OF EFFECT OF VARIOUS PARAMETERS OF METHYL THYMOL BLUE-SURFACTANT SYSTEM AND ITS USE IN SIMULTANEOUS DETERMINATION OF THORIUM, URANIUM AND DYSPROSIUM Geeta K. Patki	25
MS-23	THE CHALLENGES FACING THE ADVANCEMENT OF TECHNOLOGY IN THE 21ST CENTURY NIGERIA, PERCEPTION OF THE FINAL YEAR STUDENTS OF COMPUTER SCIENCE IN OBAFEMI AWOLOWO UNIVERSITY, ILE IFE NIGERIA. Joshua Damilola Serah	26
MS-24	IMPROVED SYNTHESIS OF 3,4-DIHYDROPYRIMIDINONES BY PHASE TRANSFER CATALYSIS  Sanjay P Hajare	26
MS-25	Subset Selection in Regression Using New estimator of Variance and Support Vector Machine  S. S. Desai and D. N. Kashid	27
MS-26	DEPICTION OF ZnO THIN FILM GROWN BY RF SPUTTERING METHOD FOR OPTOELECTRONIC APPLICATIONS  Himanshu Gupta	27
MS-27	MIGRATING TRADITIONAL LIBRARY TO VIRTUAL LIBRARY Sudhir Astunkar	28
MS-28	Modelling tools for Environmental Management <b>Ajendra Kumar</b>	28
MS-29	SELECTIVE REMOVAL OF TOXIC METALS FROM WASTE WATER USING p-AMINOPHENOL, DITHIOOXAMIDE AND FORMALDEHYDE (p-APDF)  S. S. Katkamwar S. B. Kapoor and P. M. Telkhade	29
MS-30	NOVEL ECOFRIENDLY WATER THINNABLE PAINT BASED ON LINSEED OIL P. P. Chahande	29
MS-31	EFFECTS IF CDDM REGIME IN INSULATOR WITH TWO SETS OF DISTRIBUTED TRAPS V. P. Dhomne and Y. K. Sharma	30
MS-32	DETERMINATION OF THE PERCENTAGE OF SUGAR IN DIFFERENT FRUIT JUICE FOUND IN YAVATMAL CITY BY MEASURING THE OPTICAL ACTIVITIES Sandeep G. Deopare	30

	X-RAYDIFFRACTION STUDIES OF Cu(II), Zn(II), Mo(II), Fe(II)	
MS-33	COMPLEXES WITHGLIBENCLAMIDE(5-CHLORO-N-(4-[N-	
	(CYCLOHEXYLCARBONYL)SULFAMOYL]PHENETHYL)- 2-	31
	METHOXYBENZAMIDE,AN ORAL ANTIDIABETIC DRUG	
	Mohammad Tawkir Sheikh and Sushil B. Kapoor	
MC 24	PARTICLE NATURE AND SPEED OF LIGHT	21
MS-34	Milind M Dehankar	31
	EFFECT OF RARE EARTH IONS (Sm3+) ON HUMIDITY	
MS-35	SENSING PROPERTIES OF NANOCRYSTALLITE CADMIUM	32
	FERRITES	
	Ashok B Gadkari	
	STUDY OF ACTIVATION ENERGY AND BULK RESISTANCE OF	
MS-36	CONDUCTING POLYPYRROLE THIN FILM	32
	V. R. Bhonde	

## LIFE SCIENCE AND PHARMACY (LSP)

Sr. no.	Research Paper/Article/Author	Page no
LSP-1	ECOPHYSIOLOGICAL STUDIES OF SELECTED POTABLE AND	
	NONPOTABLE WATER BODIES OF NAGPUR CITY,	33
	MAHARASHTRA	
	R. N. Deshmukh	
	A PETRIFIED UNISEXUAL FEMALE FLOWER FROM THE	
LSP-2	DECCAN INTERTRAPPEAN BEDS OF AMANGANJ M.P., INDIA	33
	S. D. Narkhede and B. B. Bonde	
	IMPACT OF ZINC TOLERANT STRAINS OF AZOTOBACTER	
LSP-3	AND BACILLUS ON TRIGONELLA-FOENUM GRAECUM	34
	Rashmi Jachak and Rupali Mahakhode	
	EFFECT OF MULTIPLE USE OF MALE MOTH ON FERTILITY	
LSP-4	(REPRODUCTIVE PARAMETER) OF ERI SILK MOTH	34
LSF-4	PHILOSAMIA RICINI IN DIFFERENT SEASONS	34
	Ulka Yadav and Rajkumari Batham	
	EFFECT OF MULTIPLE USE OF MALE MOTH ON FECUNDITY	
LSP-5	(REPRODUCTIVE PARAMETER) OF ERI SILK MOTH	35
LSF-3	PHILOSAMIA RICINI IN DIFFERENT SEASONS	33
	Ulka Yadav, Rajkumari Batham and Nishchhal Yadav	
	OBSERVATIONS ON GERMINATION OF GEMMULES IN	
LSP-6	FRESHWATER SPONGE TROCHOSPONGILLA (PORIFERA:	35
LSI -0	SPONGILLIDAE) FROM WESTERN MAHARASHTRA.	33
	S. B. Nikalje, D. V. Muley	

LSP-7	THE CAGE CULTURE OF <i>MACROBRACHIUM ROSENBERGII</i> IN THE KHARLAND PONDS OF RATNAGIRI, MAHARASHTRA, INDIA <b>D.M. Gaidhane, H. Singh, D.N. Saksena and M. Subhas</b>	36
LSP-8	EFFECT OF ORGANOPHOSNORUS PESTICIDE, EKALUX (EC 25) ON TRANSAMINASES ACTIVITY OF CLARIUS BATRACHUS K. B. Nagarnaik	36
LSP-9	BIOLOGY AND PREDATORY NATURE OF STING BUG:  CANTHECONA FURCELLATA (WOLFF) A MAJOR PEST OF  TASAR SILKWORM, ANTHERAEA MYLITTA D. IN VIDARBHA  REGION OF MAHARASHTRA, INDIA.  C. J. Khune and D. R. Ganvir	37
LSP-10	OCCUPATIONAL STRESS AND IMPACT ON HEALTH STATUS OF DAIRY INDUSTRY WORKERS Manjiri Ajit More	37
LSP-11	FORMULATION AND SHELF LIFE OF LIQUID BIOFERTILIZER INOCULANTS USING CELL PROTECTANTS  G. P. Santhosh	38
LSP-12	SPECIO-TEMPORAL CHANGES IN MILK PRODUCTION AND CO-OPERATIVE DAIRIES IN SANGLI DISTRICT (MAHARASHTRA STATE)  B. T. Kanase and Tejas B. Kanase	38
LSP-13	POLLEN ANALYSIS OF <i>BLUMEA</i> SPECIES OF THE FAMILY ASTERACEAE <b>Sulbha Kulkarni</b>	39
LSP-14	CONSTRUCTION AND ANALYSIS OF PARKINSON DISEASE PROTEIN NETWORK Shobha Shouche and Sachin Rahangdale	39
LSP-15	EFFECT OF NACL SALINITY ON SOME ASPECTS OF NITROGEN METABOLISM OF SIMAROUBA GLAUCA DC. SEEDLINGS N. N. Rajmane, and D. K. Gaikwad	40
LSP-16	THE SEASONAL DISTRIBUTION AND QUANTITATIVE STUDY OF TANK PLANKTONS OF DRAUGHT PRONE REGION OF TASGAON TAHSIL OF SANGLI DISTRICT MAHARASHTRA (INDIA) S. A. Khabade	40
LSP-17	PERFORMANCE OF DHANLAXMI SERREATED SICKLE FOR REDUCING DRUDGERY OF FARM WOMEN WORKER IN PADDY HARVSTING  Prerana Dhumal' Yogeeta Sanap and Kalpana S. Jadhav	41

LSP-18 RECENT TRENDS IN AGRICULTURE TECHNOLOGY M.S. Jagnade and P.S. Meshram	MANAGEMENT AND 41
M.S. Jagnade and P.S. Meshram	41
<u> </u>	
ZINC ACCUMULATION DATTEDN IN	
ZINC ACCUMULATION PATTERN IN	SOME ROADSIDE PLANT
LSP-19 ALONG PUNE-KOLHAPUR HIGHWA	42
M. M. Ghatge, F. Y. Shaikh, V. S. Salur	
BIODIVERSITY AND CONSERVATION	OF TASAR ECORACES
LSP-20 S. K. Sharma and M. M. Rai	42
ALTERATIONS INTHE SYNTHESIS O	MACROMOLECULES
LSP-21   INDUCED BY PARAQUAT IN <i>PSORAL</i>	EA CORYLIFOLIA L. 43
R. H. Mahakhode and R. A. Jachak	
RECOURSES OF WATER, ITS RECYC	ISATION AND ITS
LSP-22 ENVIRONMENTAL BENEFITS IN IND	A 43
Rajesh N. Singru, Vandana R. Singru	
EFFICACY OF FUNGICIDES, BIO-AGE	NTS AND PLANT
EXTRACT AGAINST SEED BORNE M	COFLORA OF PADDY IN
LSP-23 EASTERN VIDARBHA ZONE	44
K. D. Thakur, V. Mounisha, S. B. Bram	ankar, Tini Pillai and R.
B. Andge	
WETLAND PHYTODIVERSITY OF BA	RAI LAKE BRAMHAPURI,
LSP-24 DIST- CHANDRAPUR, MAHARASHTE	A STATE (INDIA) 44
M. B. Wadekar and M. J. Tondare	
A FOSSIL FLOWER, SURANGEPUSHP.	M DECCANII GEN. ET SP.
LSP-25 NOV. FROM THE DECCAN INTERTRA	PPEAN OF 45
MOHGAONKALAN, M.P., INDIA.	43
S. G. Lanjewar, S. D. Puranik, and R. S	Sakundarwar
SEED DORMANCY STUDIES IN CUCI	MBER (CUCUMIS
LSP-26 SATIVUS L.) CV. SHITAL	45
Prachi Lambat, Sanjiv Charjan, Rajesh	Deotale, Rajesh Gadewar
and Ashish Lambat	
THE SACRED GROVES AND CONSER	VATION OF
BIODIVERSITY OF NAGZIRA WLS – I	AVEGAON NP
LSP-27   CORRIDOR IN GONDIA DISTRICT OF	MAHARASHTRA STATE, 46
INDIA	
Laxman P. Nagpurkar and Mahendra l	aut
PREY PREFERENCES OF BARN OWL	TYTO ALBA FROM
MELGHAT TIGRE RESERVE, DISTRIC	Γ AMRAVATI,
LSP-28 MAHARASHTRA, INDIA	46

	ANTENNAL SENSILLA IN MEXICAN BEETLE ZYGOGRAMMA	
	BICOLORATA (COLEOPTERA: CHRYSOMELIDAE): A	
LSP-29	POTENTIAL BIOCONTROL AGENT OF WEED PARTHENIUM	47
	HYSTEROPHOROUS	
	Rina S. Saha and Manoj K. Bangadkar	
	EFFECT OF VARIOUS FUNGICIDES ON SEED PHYSIOLOGY	
LSP-30	AND SEED MYCOFLORA IN SAFFLOWER	47
	Rajesh Gadewar, Sneha Patil, Vipin Babhulkar, Sanjiv Charjan,	47
	Prachi Lambat, Pravin Charde and Ashish Lambat	
	IMPROVING HEALTH, SUPERCHARGE IMMUNE SYSTEM AND	
	FIGHT THE AGING PROCESS WITH ANTIOXIDANT-RICH	
LSP-31	ALKALINE WATER	48
	Rajesh N. Singru, Sham Punde, Purushotam Thote and Rmesh	
	Raghtate	
	STORAGE POTENTIAL OF COLOURED SEED OF SOYBEAN.	
LSP-32	Ashish Lambat , Shanti Patil, Sanjiv Charjan, Rajesh Gadewar	48
	and Prachi Lambat	
	ASSESSMENT OF WATER QUALITY OF SONALA DAM, DIST.	
LSP-33	WASHIM, MAHARASHTRA	49
	U. P. Mankar and A. D. Bobdey	
	COWPER'S SYRINGOCOELE WITH AN ANTHRACYCLINE	
LSP-34	ANTIBIOTIC DOXORUBICIN	49
	M. S. Sastry and V. V. Gotmare	
	A FOSSIL DICOTYLEDONOUS WOOD OF Terminalioxylon	
LSP-35	catappaii gen. et. sp. nov. FROM DECCAN INTERTRAPPEAN	50
LSF-33	SERIES MADHYAPRADESH, INDIA.	30
	Puranik S. D. and Kolhe P.D.	
	ASSESSMENT OF ON WATER QUALITY AND	
LSP-36	PHYTOPLANKTON DIVERSITY IN GANGA CANAL	50
	Gulshan K. Dhingra and Gagan Matta	
	VERTICAL ELECTRICAL SOUNDING FOR ARTIFICIAL	
LSP-37	RECHARGE TO GROUNDWATER: A CASE STUDY IN DECCAN	51
LSP-37	VOLCANIC PROVINCE, MAHARASHTRA, INDIA	31
	J. B. Pishte and S. V. Pathare	
	ASPIRATIONS OF TRIBAL STUDENTS OF AGRICULTURE	
LSP-38	COLLEGES ABOUT AGRI-ENTRENEURSHIP IN EASTERN	51
LSI -30	VIDARBHA	31
	S. D. More, S. P. Lambe and S. V. Alexander	
	BIOREMEDIATION OF TEXTILE INDUSTRY EFFLUENT	
LSP-39	CONTAMINATED SOIL	52
	Shital A. Watile	

DETERMINANTS OF KNOWLEDGE AND ADOPTION OF	
AGRICULTURAL PRACTICES BY ANDH TRIBAL	52
S. D. Morey, V. S. Tekale and G. J. Bhagat	
LYCOPENE ESTIMATION FROM SELECTED FRUITS AND	
VEGETABLES	53
Kalpana S. Jadhav and Manisha G. Kulsange	
SEASONAL BIOCHEMICAL CHANGES IN THE MUSCLES OF	
FRESH WATER FISH LABEO CALBASU (HAM)	53
R. M. Ganeshwade	
NOURISHMENT IMPROVISATION IN VEGETARIAN AND	
VEGAN DIET	54
Vidya N. Madane	
COCO PEAT: A NEW ERA OF SOIL LESS URBAN FARMING	
Punita Tiwari	54
TOXICOLOGICAL STANDARDIZATION OF HAEMATINIC	
HERBAL FORMULATIONS MARKETED IN INDIA BY USING	
SPECIFIC MEDIAS AND AAS	55
Anil Chandewar, Sanjay Bais and Ravindra Bakal	
EFFECTS OF INDUSTRIAL EFFLUENTS (HEAVY METALS) ON	
SEA FOOD IN AND AROUND ISLAND OF MUMBAI	
(KHARDANDA AND URAN), MAHARASHTRA, INDIA	55
S. Rangoonwala, Malik Kazim and J. D. Shaikh	
ANTHORPOGENIC DISASTER IN UTTRAKHAND DUE TO	
CONSTRUCTIONS OF HUGE LAKES, TUNNEL AND ROAD	<b>7</b> .6
THROUGH THE HELP OF OUTDATED TECHNOLOGY	56
Mahendra Pal Singh Parmar, G. K. Dhingra and D. C. Goswami	
SUCCESSION OF WATERBODIES DUE TO CIVILIZATION: A	
GLOBAL ISSUE	57
	51
R. V. Tijare and P. M. Telkhade	37
R. V. Tijare and P. M. Telkhade  ASSESSMENT OF PHYSICO-CHEMICAL CHARACTERISTICS OF	
· ·	58
ASSESSMENT OF PHYSICO-CHEMICAL CHARACTERISTICS OF	
ASSESSMENT OF PHYSICO-CHEMICAL CHARACTERISTICS OF GANGA CANAL WATER QUALITY IN UTTARAKHAND	
ASSESSMENT OF PHYSICO-CHEMICAL CHARACTERISTICS OF GANGA CANAL WATER QUALITY IN UTTARAKHAND Gagan Matta	
ASSESSMENT OF PHYSICO-CHEMICAL CHARACTERISTICS OF GANGA CANAL WATER QUALITY IN UTTARAKHAND Gagan Matta  ENVIRONMENTAL LAW AND SUSTAINABLE DEVELOPMENT	58
ASSESSMENT OF PHYSICO-CHEMICAL CHARACTERISTICS OF GANGA CANAL WATER QUALITY IN UTTARAKHAND  Gagan Matta  ENVIRONMENTAL LAW AND SUSTAINABLE DEVELOPMENT CHALLENGES AHEAD	58
ASSESSMENT OF PHYSICO-CHEMICAL CHARACTERISTICS OF GANGA CANAL WATER QUALITY IN UTTARAKHAND Gagan Matta  ENVIRONMENTAL LAW AND SUSTAINABLE DEVELOPMENT CHALLENGES AHEAD S. K. Chadha	58
	AGRICULTURAL PRACTICES BY ANDH TRIBAL  S. D. Morey, V. S. Tekale and G. J. Bhagat  LYCOPENE ESTIMATION FROM SELECTED FRUITS AND  VEGETABLES  Kalpana S. Jadhav and Manisha G. Kulsange  SEASONAL BIOCHEMICAL CHANGES IN THE MUSCLES OF  FRESH WATER FISH LABEO CALBASU (HAM)  R. M. Ganeshwade  NOURISHMENT IMPROVISATION IN VEGETARIAN AND  VEGAN DIET  Vidya N. Madane  COCO PEAT: A NEW ERA OF SOIL LESS URBAN FARMING  Punita Tiwari  TOXICOLOGICAL STANDARDIZATION OF HAEMATINIC  HERBAL FORMULATIONS MARKETED IN INDIA BY USING  SPECIFIC MEDIAS AND AAS  Anil Chandewar, Sanjay Bais and Ravindra Bakal  EFFECTS OF INDUSTRIAL EFFLUENTS (HEAVY METALS) ON  SEA FOOD IN AND AROUND ISLAND OF MUMBAI  (KHARDANDA AND URAN), MAHARASHTRA, INDIA  S. Rangoonwala, Malik Kazim and J. D. Shaikh  ANTHORPOGENIC DISASTER IN UTTRAKHAND DUE TO  CONSTRUCTIONS OF HUGE LAKES, TUNNEL AND ROAD  THROUGH THE HELP OF OUTDATED TECHNOLOGY  Mahendra Pal Singh Parmar, G. K. Dhingra and D. C. Goswami  SUCCESSION OF WATERBODIES DUE TO CIVILIZATION: A

LSP-52	IN VITRO ANTIBACTERIAL ACTIVITY OF ASPARAGUS RACEMOSUS, HEMIDESMUS INDICUS AND ASTERCANTHA LONGIFOLIA AGAINST URINARY PATHOGENS	61
LSP-53	Manish Wasamwar, Vijay Wadhai and Gopal Gond  EFFECT OF THERMAL POWER STATION EFFLUENTS ON WETLAND ECOSYSTEM	62
	Umesh B. Kakde and Shashikant R. Sitre	
LSP-54	MICROBIAL REDUCTION, DETOXIFICATION AND POSSIBLE BIOREMEDIATION OF HEXAVALENT CHROMIUM BY LYSINIBACILLUS MANGIFERIHUMI  Dilip H. Tambekar	63
LSP-55	PRODUCTION DYNAMICS OF EXTRACELLULAR AMYLASE FROM NEWLY ISOLATED BACILLUS PSEUDOFIRMUS FROM LONAR LAKE, BULDHANA Sandhya Tambekar	63
LSP-56	HISTOARCHITECTURAL STUDIES ON THE ADRENAL GLAND OF MALE BAT HIPPOSIDEROS LANKADIVA Amir A. Dhamani	64
LSP-57	STUDIES ON BIODIVERSITY OF YASHVANTARO CHAVAN SAGRESHWAR SANCTURY, SOUTH WESTERN MAHARASHTRA, INDIA. Vikas Shamrao Salunkhe	64
LSP-58	REINVESTIGATION OF VELAMINORHIZOS INTERTRAPPEANUM (BARLINGAY AND PARADKAR) EMEND MATIN FROM THE DECCAN INTERTRAPPEAN BEDS OF SINGHPUR (M.P.), INDIA Matin Shaikh, Nirankush Khubalkar and M. T. Sheikh	65
LSP-59	DEVELOPMENT OF CHROMATOGRAPHIC METHOD FOR THE DETERMINATION OF TRAMADOL HYDROCHLORIDE FROM BULK DRUG AND TABLET FORMULATION: PLACKETT-BURMAN DESIGN AND EFFECT OF VARIABLES Ravindrakumar L. Bakal, Jagdish Manwar, Rajesh Jadhao and Dipak Kumbhar	65
LSP-60	USE OF RAPD MOLECULAR MARKER TO IDENTIFY PARENTS FOR DROUGHT TOLERANCE BREEDING IN MUSTARD Sapana B. Baviskar, Shanti R. Patil, Sneha R. Patil and Rajesh D. Deotale	66
LSP-61	DIETARY ASSESSMENT OF TRIBAL ADOLESCENT GIRLS OF GOND MADIA COMMUNITY FROM GADCHIROLI DISTRICT OF MAHARASHTRA.  Yogita Sanap	67
LSP-62	IMPACT OF SOME AYURVEDIC MEDICINAL PERPRATION ON FRESH WATER FISH, CHANNA PUNCTATUS (BLOCH) Santosh B. Borkar	67

LSP-63	IMPACT OF ENDOSULFAN ON PROTEIN CONTENT IN THE GONADS OF FRESHWATER CRAB,  PARATELPHUSAJACQUEMONTII DURING DIFFERENT SEASON  R. A. Gulhane	68
LSP-64	IMPACT OF GROWTH RETARDENTS (MH AND TIBA) ON CHEMICAL AND BIOCHEMICAL PARAMETERS AND YIELD OF MUNGBEAN (Vigna radiata L.)  R. D. Deotale, P. N. Bobade, S. R. Patil, S. U. Charjan, Y. A. Wagh and S. S. Gare	69

## MANAGEMENT AND SOCIAL SCIENCES (MAS)

Sr. no.	Research Paper/Article/Author	Page no
MAS-1	REMEDY OF OFFENCE THROUGH SITUATIONAL CRIME	
	PREVENTION	70
	Jayashri Barai	
	A COMPARATIVE ASSESSMENT OF THE CREATIVITY AMONG	
MAS-2	THE STUDENTS OF EDUCATION COLLEGES IN AMRAVATI	70
MAS-2	DIVISION	70
	Vanita N. Kale	
	AN INVESTIGATION RELATED TO COMPUTER SELF	
MAS-3	EFFICACY OF PRE-SERVICE TEACHERS	71
	Meena K. Rokade	
	EMPOWERMENT OF WOMEN THROUGH DISTANCE	
MAS-4	EDUCATION	71
	Ramesh R. Kumbhar	
MAS-5	WOMEN AND DEVELOPMENT	72
MAS-3	Purnima Gaur	/2
	IMPACT OF ICT ON SOCIAL SCIENCE RESEARCH IN THE ERA	
MAS-6	OF GLOBALIZATION	72
	Smita R. Deshmukh	
MAS-7	AN AWARENESS OF SOCIAL RESPONSIBILITY IN	
	HUMAN RESOUCE MANAGMENT	73
	Aarti B. Padole	
	भूमंडलीकरण के दौर में भारतीय परिवार : परिवर्तन एवं विघटन	
MAS-8	(एक समाजशास्त्रीय अध्ययन)	73
	Kalpana Kiran Patole	

	3	
MAS-9	EFFECT OFANEMIA EDUCATION MODULE ONHEMOGLOBIN STATUS OF ADOLESCENT GIRLS.  Shreya S. Chauthaiwale	74
MAS-10	INDIAN LAWS, WOMEN EMPOWERMENT: MYTH AND REALITY  Varsha N. Deshmukh	74
MAS-11	ROLE OF MICRO NUTRIENTS IN THE REPRODUCTIVE HEALTH OF WOMEN Rekha S. Taley	75
MAS-12	EDUCATIONAL INFRASTRUCTURE IN GONDIA DISTRICT (M.S.): SPATIAL ANALYSIS  N. K. Bahekar and Yeshwant S. Maskare	75
MAS-13	AN ANALYTICAL STUDY OF 1st ASIAN GAMES HELD IN INDIA DURING 1951  Arun Motghare	76
MAS-14	RELATION OF GEO-ENVIRONMENT WITH AGRICULTURE AND SOCIO-ECONOMY – A CASE STUDY OF NAGPUR	77
MAS-15	HUMAN DEVELOPMENT OF MAHARASHTRA (2001 - 2011): A GEOGRAPHICAL ANYALISIS Sampada Tikekar	78
MAS-16	ACADEMIC LIBRARIES IN TOTAL QUALITY MANAGEMENT V. A. Dakhole	78
MAS-17	COMMUNITY DEVELOPMENT  H. M. Kamdi	79
MAS-18	AGRICULTURAL PRODUCTIVITY IN MAHARASHTRA (INDIA) Kisan S. Patil	79
MAS-19	पद्मभूषण डॉ. वसंतरावदादा पाटील महाविद्यालयातील बी.ए.भाग—२ मधील विद्यार्थ्यांना सभासद बखर या पुस्तकातील शिवचरित्र या उपघटकाच्या अध्यापनासाठी बहुमाध्यम साधनाची परिणामकारकता तपासणे बाबुराव मल्हारी पाटील आणि माया पाटील	80
MAS-20	A COMPARATIVE STUDY OF SELF CONFIDENCE, PROFESSIONAL ATTITUDE AND TEACHING COMPETENCY OF TEACHER TRAINEES IN GRANTED AND NON-GRANTED B.Ed. COLLEGES Sulakshana Ajabrao Bhuyar	80

	IMPACT OF FAMILY ENVIRONMENT AND PARENT-	
MAS-21	CHILDREN RELATION ON MENTAL HEALTH OF	81
11110 21	ADOLESCENT	01
	Purnima Ingle	
	CONSTRAINTS AND STRESS IN FARMERS- A CRITICAL	
MAS-22	ANALYSIS	82
	Jyoti P. Mankar and Deepali B. Ghatul	
	IMPACT OF JUNK-FOOD ON NUTRITIONAL STATUS OF	
MAS-23	SCHOOL GOING CHILDREN OF DURG CITY	83
	R. Kashyap, A. Joglekar and S. Verma	
	BANURGAD: WATCHING CENTER OF MARATHA KILLE	
MAS-24	(MAHARASHTRA)	84
	G. K. Patil	
	INFORMATION AND COMMUNICATION TECHNOLOGY IN	
MAS-25	GAMES AND SPORTS	84
	Anjali P. Thakre	
	UNIFORMITY AND COMPARABILITY IN THE GRADING	
354996	SYSTEM AT HIGHER EDUCATION: A NEED FOR	0.5
MAS-26	EXAMINATION REFORM	85
	Mulkalwar Manisha	
	THE INVOLVEMENT OF LOCAL COMMUNITIES IN	
MAS-27	THEDEVELOPMENT OF ECOTOURISM	85
	Shravan R. Banasure and Vaishali M. Chore	
<b>1.</b>	PSYCHOLOGICAL APPROACHES AND HUMAN BEHAVIOR	0.6
MAS-28	Purushottam Thote	86
	समाजिक संदर्भो में आत्मकथा साहित्य	
MAS-29	वि. वि. ढोमणे	86
	ROLE OF NUTRITIONAL GUIDANCE IN ENHANCING SPORTS	
MAS-30	ENDURANCE OF AMATEUR WOMEN SWIMMERS	87
	Anjali Rajwade	
MAS-31	AN INSIGHT: 'FASHION LOOKS' AND RESTYLING	88
	Anjali Kaware	
	A PATHWAY TO PROFESSIONAL EXCELLENCE IN	
MAS-32	LIS (LIBRARY AND INFORMATION SCIENCE)	88
	Shadshikant Rokade and D. R. Gabhane	
MAS-33	KEDARNATH DISASTER: HIMALAYAN TSUNAMI - FACTS	
	AND CAUSES	89
	Ruby Tabussam	

MAS-34	A STUDY ON CUSTOMER PERCEPTION TOWARDS ONLINE	
	PROMOTION & CUSTOMER LOYALTY PROGRAMS OF	89
	AIRLINE SERVICES IN UAE	0)
	Raju Philip, Nikhil.V.P. and V. Ravikumar	
	ENVIRONMENTAL CONDITIONS FOR THE CONSERVATION	
MAC 25	OF WILDLIFE AND ITS ANTHROPOGENIC RESPONSES IN	00
MAS-35	HIMACHAL PRADESH	90
	Anil Pal and D.C. Goswami	
	THE ROLE OF INFORMATION AND COMMUNICATION	
	TECHNOLOGY (ICT) IN TEACHING AND LEARNING OF	
MAS-36	ENGLISH LANGUAGE IN RURAL INDIA: CHALLENGES AND	91
	NEW PERSPECTIVES	
	Anju Bhatt	
	EFFECT OF PERFORMANCE APPRAISAL TECHNIQUES ON	
MAS-37		91
	M. D. Patil	
MAS-38	HOW TO DEVELOP ENGLISH SPEAKING SKILL	92
MAS-38	Sanjay K Raut	92
MAS-39	WOMEN ENTREPRENEURSHIP IN GLOBALIZATION ERA	93
WIA3-39	Aniruddha A. Kulkarni	93
MAS-40	WORKERS PARTICIPATION IN MANAGEMENT	93
11115 10	Chandrakant Babasaheb Pandit	
	A STUDY OF THE DIMENSIONS OF ATTRITION AND RELATED	
	ISSUES IN THE INFORMATION TECHNOLOGY (IT) /	
MAS-41	INFORMATION TECHNOLOGY ENABLED SERVICES (ITES) AND BUSINESS PROCESS OUTSOURCING (BPO) INDUSTRY IN	94
	THE METROPOLITAN TOWNSHIP OF BANGALORE (INDIA)	
	Ashish Dixit and Mohan Jagnade	
	AN EFFECTIVE MEASURES TO REDUCE GAP BETWEEN	
3.64.0.40	INDUSTRIAL EXPECTATIONS AND PERCEPTIONS OF	0.7
MAS-42	MANAGEMENT STUDENTS	95
	Jaideo Bhagrath Lanjewar	
	IMPACT ON JOB PERFORMANCE OF EMPLOYEE'S JOB	
MAS-43		95
	Vijay Bankar	
	JOB SATISFACTION AND WORKING CONDITIONS OF	
MAS-44	TEACHERS WORKING IN SHIKSHAN SEVAK SCHEME OF	96
	MAHARASHTRA Vinodkumar Dhondiram Kumbhar	
MAS-45	ECONOMIC INDEPENDENCE OF WOMEN THROUGH INCOME GENERATING ACTIVITIES – A STUDY FROM KERALA	96
	K.G. Taramol	90
	12.0. Tatanioi	