



Engineering and Technology

Sr. No.	Research Paper/Article/Author	Page No.
ET-1	CFD ANALYSIS OF HEAT TRANSFER AND FLUID FLOW FROM WING TYPE TURBULATOR Anish Jadhav	1-4
ET-2	EFFECT OF PROCESS PARAMETERS ON TENSILE STRENGTH OF FRICTION STIR WELDED Al-Cu-Mg-Si-SiC _p COMPOSITE Subramanya R Prabhu B, Arun Kumar Shettigar, Karthik Rao M C, Akshay Nigalye, Mervin A Herbert and Shrikantha S Rao	5-10
ET-3	RHEOLOGICAL PROPERTIES OF IMPACT MODIFIED PBT/PTT BLENDS BASED NANOCOMPOSITES Ranjana Sharma, Purnima Jain and Prabhat K Upadhyay	11-15
ET-4	PERFORMANCE ANALYSIS OF ADABOOST CLASSIFIER AND OPTICAL FLOW METHOD ALGORITHMS FOR HUMAN MOTION DETECTION Moiz A. Hussain and G. U. Kharat	16-22
ET-5	PATH PLANNING FOR HUMAN MOTION USING ASTAR ALGORITHM Prathama Parag Timbadia and Vivek Kshirsagar	23-25
ET-6	SECURED CLOUD STORAGE USING MULTI-CLOUDS M.V.Bramhe, M. V. Sarode and L.G.Malik	26-28
ET-7	A REVIEW ON APPLICATIONS OF IMAGE SEGMENTATION IN FETAL ULTRASOUND IMAGING R. S. Jaiswal and M. V. Sarode	29-33
ET-8	MITIGATION OF VOLTAGE SAG WITH VARIOUS FIRING ANGLES ON REAL TIME Vijay Gajanan Neve and Gajanan M. Dhole	34-40
ET-9	EFFECT OF WELDING PARAMETERS ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF FRICTION STIR WELDED METAL MATRIX COMPOSITE Arun Kumar Shettigar, Subramanya Prabhu B., Rashmi Malghan L, Mervin A. Herbert and Shrikantha S. Rao	41-45
ET-10	A REVIEW OF EFFICIENT REMOVAL OF NOISE FROM DIGITAL VIDEOS AND IMAGES Anand B. Deshmukh	46-48
ET-11	A NOVEL METHOD FOR MEASUREMENT OF HEMOGLOBIN USING CAPACITANCE OF BLOOD Arpita Gupta and G.U.Kharat	49-51
ET-12	AN OVERVIEW OF MULTI ATTRIBUTE DECISION MAKING (MADM) METHODS FOR NETWORK SELECTION IN HETEROGENEOUS WIRELESS NETWORKS Piyush K. Ingole and M.V.Sarode	52-55

ET-13	DESIGN AND IMPLEMENTATION OF AUTOMATIC FLUSH SYSTEM FOR SANITATION IN PUBLIC TOILETS Parth M. Sarode	56-58
ET-14	ISSUES IN KEY EXCHANGE PROTOCOL Rahul Suryawanshi, L. G. Malik and M. V Sarode	59-62
ET-15	SURVEY ON VARIOUS APPROACHES FOR ENHANCEMENT OF DIGITIZED IMAGES AND DIGITAL VIDEOS Sanjay M. Malode and M. V. Sarode	63-69
ET-16	IMPLEMENTATION OF ACTIVE WARDEN DEFENCE MODEL FOR STORAGE COVERT CHANNELS Dhananjay M. Dakhane and Prashant R. Deshmukh	70-73
ET-17	GFF CLASSIFIER BASED COMPARATIVE ANALYSIS OF DIFFERENT FEATURE EXTRACTION METHODS FOR DETECTION OF DIABETIC RETINOPATHY Amol Prataprao Bhatkar and G. U.Kharat	74-83
ET-18	A SURVEY: MARKOV DECISION PROCESS IN MANET FOR DETECTION OF NODES M. V. Sarode and S. K. Korde	84-88
ET-19	TRAFFIC DENSITY STATE ESTIMATION USING MULTIPLE CONTIGUOUS FEATURE VECTOR FRAMES Prashant Borkar, M. V. Sarode and L. G. Malik	89-91
ET-20	A REVIEW: SMART VIDEO FORENSICS SYSTEM USING SEMI-AUTOMATED ACTIVITY FILTER FOR SECURE, EFFICIENT FOOTAGE GENERATION Ajay B. Gadicha and M. V. Sarode	92-96
ET-21	EXPERIMENTAL INVESTIGATION ON EMISSIONS PERFORMANCE OF A FOUR CYLINDER SI ENGINE USING ETHANOL- A ECO-FRIENDLY FUEL P. D. Patil and S. D. Dhobe	97-100
ET-22	DETERMINANTS OF KNOWLEDGE AND ADOPTION OF AGRICULTURAL PRACTICES BY ANDH TRIBAL S. D. Morey, V. S. Tekale and G. J. Bhagat	101-103
ET-23	SECURED CLOUD STORAGE USING MULTI-CLOUDS M. V. Bramhe, M. V. Sarode, and L. G. Malik	104-106
ET-24	DETERMINATION OF NUMBER OF CLUSTERS IN CLUSTER ANALYSIS AND SIMILARITY MEASURE FOR THE CLUSTERS: A SURVEY Pranjal S Bogawar	107-108

Material Science

Sr. No.	Research Paper/Article/Author	Page No.
MS-1	CHEMICAL INVESTIGATION OF EFFLUENT FROM MILK PROCESSING UNIT Sanjay Vishnu Pore	109-112
MS-2	SYNTHESIS AND CHARACTERIZATION OF ZINC NANO OXIDE Sarkar Ratna	113-117
MS-3	X – RAY DIFFRACTION STUDIES OF PD(II) COMPLEXES OF TETRADENTATE SCHIFF BASES Julekha A. Shaikh	118-120
MS-4	X-RAYDIFFRACTION STUDIES OF Cu(II), Zn(II), Mo(II), Fe(II) COMPLEXES WITHGLIBENCLAMIDE(5-CHLORO-N-(4-[N-(CYCLOHEXYLCARBONYL)SULFAMOYL]PHENETHYL)- 2-METHOXYBENZAMIDE,AN ORAL ANTIDIABETIC DRUG Mohammad Tawkir Sheikh and Sushil B. Kapoor	121-127
MS-5	STRUCTURAL AND ELECTRICAL BEHAVIOR OF Co-Ti SUBSTITUTED NICKEL NANO FERRITE PREPARED BY SOL-GEL AUTO COMBUSTION ROUTE. M. A. Borikar, A. S. Kakde, K. G. Rewatkar and D. M. Borikar	128-130
MS-6	STUDY OF TECHNIQUE OF DISSECTING SOFT TISSUE S. S. Shende and M. J. Hedau	131-134
MS-7	STUDY OF PREPARATION OF DITHIOCARBAMATE OF Cr(III), Co(III), Ni(II), Cu(II) AND THEIR THERMAL STUDIES S.S. Sakhare	135-136
MS-8	RELATION BETWEEN FAMILY SIZES AND LPG CONSUMPTION A. A. Kalgonda	137-138
MS-9	MARKOVIAN QUEUE WITH SERVICE INTERRUPTION UNDER N-POLICY Richa Sharma	139-141
MS-10	DYEING WITH NAPHTHOLS TO DEVELOP TIE DYE ARTICLES FOR APPAREL AND HOME DECOR Neeta Kulkarni	142-144
MS-11	THE ROLE OF PRANAYAM TO REDUCE STRAIN AND DEPRESSION Ranju Gupta	145-147
MS-12	STUDY OF COMPARATIVE BEHAVIOR OF CERTAIN TYPICAL THERMOACOUSTICAL PARAMETERS OF BINARY MIXTURES OF CYCLOHEXANOL AND CYCLOHEXANE IN METHANOL Sanjay Charalwar and Satish Goswami	148-153
MS-13	ROLE OF WIRELESS BODY AREA NETWORK IN REMOTE HEALTHCARE MONITORING S. M. Ghatole, K. Y. Rokde, S. S. Shende and P. B. Dahikar	154-157

MS-14	STUDIES OF 4-FURANONE AND 4-OXAZOLONE SUBSTITUTED COUMARINS: SYNTHESIS, PHYSIOLOGICAL AND BIOLOGICAL ACTIVITY Jitendra B. Patil	158-163
MS-15	COMPARATIVE STUDY OF DEGRADATION OF 2-TOLUIC ACID BYPHOTOFENTON AND SOLAR FENTON PROCESSES Susmita A. Mandavgane	164-167
MS-16	SYNTHESIS AND BIOLOGICAL ACTIVITY OF 2,5-DI(2H-1-BENZO/NAPHTHOPYRAN-2-ONE-4-YL) THIAZOLO[5,4-D]THIAZOLE U. C Mashelkar, J. B. Patil and R. S. Kenny	168-170
MS-17	GENERAL SOLUTION OF THE HEAT EQUATION, WAVE EQUATION BY SEPARATION OF VARIABLES R. K. Rajurkar	171-173
MS-18	DEVELOPMENT OF EXTRACTIVE SPECTROPHOTOMETRIC DETERMINATION OF Cu (II) WITH 2-[[4-(1,3-BENZOIMIDAZOLE-2- YL) PHENYL] IMINO] -5- NITRO PHENOL AS AN ANALYTICAL REAGENT Ratnamala P. Sonawane	174-177
MS-19	SYNTHESIS AND CHARACTERIZATION OF SUBSTITUTED CALCIUM HEXAFERRITES BY AUTOCOMBUSTION METHOD S. B. Lengule, P. R. Moharkar, S. R. Gawali and K. G. Rewatkar	178-181
MS-20	CHEMICALS PERSISTENCE IN THE BIOSPHERE: A GLOBAL ISSUE Reshal Deshmukh and Yogita Meshram	182-184
MS-21	NAKEDNESS AND CURVATURE STRENGTH OF SINGULARITIES ARISING IN THE HIGHER-DIMENSIONAL SPACETIMES P N Mulkalwar	185-195
MS-22	EFFECTS IF CDDM REGIME IN INSULATOR WITH TWO SETS OF DISTRIBUTED TRAPS V. P. Dhomne and Y. K. Sharma	196-199
MS-23	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	200-203
MS-24	NOVEL ECOFRIENDLY WATER THINNABLE PAINT BASED ON LINSEED OIL P. P. Chahande	204-206
MS-25	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	207-210
MS-26	PARTICLE NATURE AND SPEED OF LIGHT Milind M Dehankar	211-213

MS-27	EFFECT OF RARE EARTH IONS (Sm ³⁺) ON HUMIDITY SENSING PROPERTIES OF NANOCRYSTALLITE CADMIUM FERRITES Ashok B Gadkari	214-216
MS-28	STUDY OF ACTIVATION ENERGY AND BULK RESISTANCE OF CONDUCTING POLYPYRROLE THIN FILM V. R. Bhonde	217-218
MS-29	STUDY OF INVERSE UNSTEADY STATE THERMO ELASTIC PROBLEM M. S. Warbhe	219-220

Life Science and Pharmacy

Sr. No.	Research Paper/Article/Author	Page No.
LSP-1	DIETARY ASSESSMENT OF TRIBAL ADOLESCENT GIRLS OF GOND MADIA COMMUNITY FROM GADCHIROLI DISTRICT OF MAHARASHTRA. Yogita Sanap, Prerna Dhumal and Kalpana Jadaho	221-224
LSP-2	EFFECT OF MULTIPLE USE OF MALE MOTH ON FERTILITY (REPRODUCTIVE PARAMETER) OF ERI SILK MOTH <i>PHILOSAMIA RICINI</i> IN DIFFERENT SEASONS Ulka Yadav and Rajkumari Batham	225-226
LSP-3	A PETRIFIED UNISEXUAL FEMALE FLOWER FROM THE DECCAN INTERTRAPPEAN BEDS OF AMANGANJ M.P., INDIA S. D. Narkhede and B. B. Bonde	227-229
LSP-4	THE CAGE CULTURE OF <i>MACROBRACHIUM ROSENBERGII</i> IN THE KHARLAND PONDS OF RATNAGIRI, MAHARASHTRA, INDIA D.M. Gaidhane, H. Singh, D.N. Saksena, M. Subhas	230-233
LSP-5	BIOLOGY AND PREDATORY NATURE OF STING BUG: <i>CANTHECONA FURCELLATA</i> (WOLFF) A MAJOR PEST OF TASAR SILKWORM, <i>ANTHRAEA MYLITTA</i> D. IN VIDARBHA REGION OF MAHARASHTRA, INDIA. C. J. Khune and D. R. Ganvir	234-238
LSP-6	OBSERVATIONS ON GERMINATION OF GEMMULES IN FRESHWATER SPONGE <i>TROCHOSPONGILLA</i> (PORIFERA: SPONGILLIDAE) FROM WESTERN MAHARASHTRA. S. B. Nikalje, D. V. Muley	239-242
LSP-7	FORMULATION AND SHELF LIFE OF LIQUID BIOFERTILIZER INOCULANTS USING CELL PROTECTANTS G. P. Santhosh	243-247
LSP-8	POLLEN ANALYSIS OF <i>BLUMEA</i> SPECIES OF THE FAMILY ASTERACEAE Sulbha Kulkarni	248-251

LSP-9	EFFECT OF THERMAL POWER STATION EFFLUENTS ON WETLAND ECOSYSTEM Umesh B. Kakde and Shashikant R. Sitre	252-259
LSP-10	EFFECT OF ORGANOPHOSPHORUS PESTICIDE, EKALUX (EC 25) ON TRANSAMINASES ACTIVITY OF <i>CLARIUS BATRACHUS</i> K. B. Nagarnaik	260-262
LSP-11	LYCOPENE ESTIMATION FROM SELECTED FRUITS AND VEGETABLES Kalpana S. Jadhav and Manisha G. Kulsange	263-265
LSP-12	SPECIO-TEMPORAL CHANGES IN MILK PRODUCTION AND CO-OPERATIVE DAIRIES IN SANGLI DISTRICT (MAHARASHTRA STATE) B. T. Kanase and Tejas B. Kanase	266-270
LSP-13	SEASONAL BIOCHEMICAL CHANGES IN THE MUSCLES OF FRESH WATER FISH <i>LABEO CALBASU (HAM)</i> R. M. Ganeshwade	271-275
LSP-14	NOURISHMENT IMPROVISATION IN VEGETARIAN AND VEGAN DIET Vidya N. Madane	276-279
LSP-15	CONSTRUCTION AND ANALYSIS OF PARKINSON DISEASE PROTEIN NETWORK Shobha Shouche and Sachin Rahangdale	280-282
LSP-16	OCCUPATIONAL STRESS AND IMPACT ON HEALTH STATUS OF DAIRY INDUSTRY WORKERS Manjiri Ajit More	283-286
LSP-17	COCO PEAT: A NEW ERA OF SOIL LESS URBAN FARMING Punita Tiwari	287-289
LSP-18	EFFECT OF NA CL SALINITY ON SOME ASPECTS OF NITROGEN METABOLISM OF <i>SIMAROUBA GLAUCA</i> DC. SEEDLINGS N. N. Rajmane, and D. K. Gaikwad	290-293
LSP-19	PERFORMANCE OF DHANLAXMI SERREATED SICKLE FOR REDUCING DRUDGERY OF FARM WOMEN WORKER IN PADDY HARVESTING Prerana Dhumal' Yogeta Sanap and Kalpana S. Jadhav	294-296
LSP-20	THE SEASONAL DISTRIBUTION AND QUANTITATIVE STUDY OF TANK PLANKTONS OF DRAUGHT PRONE REGION OF TASGAON TAHSIL OF SANGLI DISTRICT MAHARASHTRA (INDIA) S. A. Khabade	297-299
LSP-21	ZINC ACCUMULATION PATTERN IN SOME ROADSIDE PLANT ALONG PUNE–KOLHAPUR HIGHWAY M. M. Ghatge, F. Y. Shaikh, V. S. Salunkhe and R. R. Jadhav	300-304
LSP-22	ALTERATIONS IN THE SYNTHESIS OF MACROMOLECULES INDUCED BY PARAQUAT IN <i>PSORALEA CORYLIFOLIA</i> L. R. H. Mahakhode and R. A. Jachak	305-308

LSP-23	RECOURSES OF WATER, ITS RECYCLISATION AND ITS ENVIRONMENTAL BENEFITS IN INDIA Rajesh N. Singru, Vandana R. Singru	309-312
LSP-24	BIODIVERSITY AND CONSERVATION OF TASAR ECORACES S. K. Sharma and M. M. Rai	313-316
LSP-25	RECENT TRENDS IN AGRICULTURE MANAGEMENT AND TECHNOLOGY M.S. Jagnade and P.S. Meshram	317-318
LSP-26	EFFICACY OF FUNGICIDES, BIO-AGENTS AND PLANT EXTRACT AGAINST SEED BORNE MYCOFLORA OF PADDY IN EASTERN VIDARBHA ZONE K. D. Thakur, V. Mounisha, S. B. Bramhankar, Tini Pillai and R. B. Andge	319-322
LSP-27	ANTENNAL SENSILLA IN MEXICAN BEETLE <i>ZYGOGRAMMA BICOLORATA</i> (COLEOPTERA: CHRYSOMELIDAE): A POTENTIAL BIOCONTROL AGENT OF WEED <i>PARTHENIUM HYSTEROPHOROUS</i> Rina S. Saha and Manoj K. Bangadkar	323-327
LSP-28	A FOSSIL FLOWER, <i>SURANGEPUSHPAM DECCANII GEN. ET SP. NOV.</i> FROM THE DECCAN INTERTRAPPEAN OF MOHGAONKALAN, M.P., INDIA. S. G. Lanjewar, S. D. Puranik, and R. S. Sakundarwar	328-332
LSP-29	THE SACRED GROVES AND CONSERVATION OF BIODIVERSITY OF NAGZIRA WLS – NAVEGAON NP CORRIDOR IN GONDIA DISTRICT OF MAHARASHTRA STATE, INDIA Laxman P. Nagpurkar and Mahendra Raut	333-339
LSP-30	TOXICOLOGICAL STANDARDIZATION OF HAEMATINIC HERBAL FORMULATIONS MARKETED IN INDIA BY USING SPECIFIC MEDIAS AND AAS Anil Chandewar, Sanjay Bais and Ravindra Bakal	340-345
LSP-31	WETLAND PHYTODIVERSITY OF BARAI LAKE BRAMHAPURI, DIST- CHANDRAPUR, MAHARASHTRA STATE (INDIA) M. B. Wadekar and M. J. Tondare	346-352
LSP-32	PREY PREFERENCES OF BARN OWL <i>TYTO ALBA</i> FROM MELGHAT TIGRE RESERVE, DISTRICT AMRAVATI, MAHARASHTRA, INDIA Ved Patki, Varsha Zade, Shyamakant Talmale and Jayant Wadatkar	353-356
LSP-33	IMPROVING HEALTH, SUPERCHARGE IMMUNE SYSTEM AND FIGHT THE AGING PROCESS WITH ANTIOXIDANT-RICH ALKALINE WATER Rajesh N. Singru, Sham Punde, Purushotam Thote and Rmesh Raghtate	357-360

LSP-34	STORAGE POTENTIAL OF COLOURED SEED OF SOYBEAN. Ashish Lambat , Shanti Patil, Sanjiv Charjan, Rajesh Gadewar and Prachi Lambat	361-362
LSP-35	ASSESSMENT OF WATER QUALITY OF SONALA DAM, DIST. WASHIM, MAHARASHTRA U. P. Mankar and A. D. Bobdey	363-365
LSP-36	SUCCESSION OF WATERBODIES DUE TO CIVILIZATION: A GLOBAL ISSUE R. V. Tijare and P. M. Telkhade	366-369
LSP-37	SEED DORMANCY STUDIES IN CUCUMBER (<i>CUCUMIS SATIVUS L.</i>) CV. SHITAL Prachi Lambat, Sanjiv Charjan, Rajesh Deotale, Rajesh Gadewar and Ashish Lambat	370-371
LSP-38	EFFECT OF VARIOUS FUNGICIDES ON SEED PHYSIOLOGY AND SEED MYCOFLORA IN SAFFLOWER Rajesh Gadewar, Sneha Patil, Vipin Babhulkar , Sanjiv Charjan, Prachi Lambat, Pravin Charde and Ashish Lambat	372-374
LSP-39	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	375-378
LSP-40	LIVING HAPPY AND HEALTHY LIFE WITH PANCHAKARMA AND AYURVEDA Kavita H. Karoddeo (Borkar)	379-382
LSP-41	VERTICAL ELECTRICAL SOUNDING FOR ARTIFICIAL RECHARGE TO GROUNDWATER: A CASE STUDY IN DECCAN VOLCANIC PROVINCE, MAHARASHTRA, INDIA J. B. Pishte and S. V. Pathare	383-390
LSP-42	ASPIRATIONS OF TRIBAL STUDENTS OF AGRICULTURE COLLEGES ABOUT AGRI-ENTRENEURSHIP IN EASTERN VIDARBHA S. D. More, S. P. Lambe and S. V. Alexander	391-394
LSP-43	BIOREMEDIATION OF TEXTILE INDUSTRY EFFLUENT CONTAMINATED SOIL Shital A. Watile	395-396
LSP-44	IN VITRO ANTIBACTERIAL ACTIVITY OF ASPARAGUS RACEMOSUS, HEMIDESMUS INDICUS AND ASTERCANTHA LONGIFOLIA AGAINST URINARY PATHOGENS Manish Wasamwar, Vijay Wadhai and Gopal Gond	397-399
LSP-45	ANALYSIS OF STRUCTURE OF HIRUDIN AND ITS MECHANISM OF INTERACTION WITH THROMBIN S. S. Deshmukh and A. D. Bobdey	400-403
LSP-46	IMPACT OF ENDOSULFAN ON PROTEIN CONTENT IN THE GONADS OF FRESHWATER CRAB, <i>PARATELPHUSA JACQUEMONTII</i> DURING DIFFERENT SEASON R. A. Gulhane	404-408

LSP-47	IMPACT OF GROWTH RETARDENTS (MH AND TIBA) ON CHEMICAL AND BIOCHEMICAL PARAMETERS AND YIELD OF MUNGBEAN (<i>Vigna radiata</i> L.) R. D. Deotale, P. N. Bobade, S. R. Patil, S. U. Charjan, Y. A. Wagh and S. S. Gare	409-414
LSP-48	HISTOARCHITECTURAL STUDIES ON THE ADRENAL GLAND OF MALE BAT <i>HIPPOSIDEROS LANKADIVA</i> Amir A. Dhamani	415-419
LSP-49	STUDIES ON BIODIVERSITY OF YASHVANTARO CHAVAN SAGRESHWAR SANCTURY, SOUTH WESTERN MAHARASHTRA, INDIA. Vikas Shamrao Salunkhe	420-422
LSP-50	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	423-424
LSP-51	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	425-434
LSP-52	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	435-439
LSP-53	ECOPHYSIOLOGICAL STUDIES OF SELECTED POTABLE AND NONPOTABLE WATER BODIES OF NAGPUR CITY, MAHARASHTRA R. N. Deshmukh	440-444
LSP-54	IMPACT OF ZINC TOLERANT STRAINS OF AZOTOBACTER AND BACILLUS ON TRIGONELLA-FOENUM GRAECUM Rashmi Jachak and Rupali Mahakhode	445-447
LSP-55	EFFECT OF MULTIPLE USE OF MALE MOTH ON FECUNDITY (REPRODUCTIVE PARAMETER) OF ERI SILK MOTH PHILOSAMIA RICINI IN DIFFERENT SEASONS Ulka Yadav, Rajkumari Batham and Nishchhal Yadav	448-450
LSP-56	SCANNING ELECTRON MICROSCOPY OF THE EGG SHELL OF LIZARD, <i>CALOTES VERSICOLOR</i> Vilas Deshmukh	451-456