

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
INTERNATIONAL CONFERENCE ON BIOENGINEERING ON HEALTH AND ENVIRONMENT- ICBHE'18

ORAL PRESENTATION 1

8th JANUARY 2018 - (11.30 AM - 12.30 PM)

VENUE : Presentation Hall-1 1st FLOOR, IRC AUDITORIUM

S NO	CODE	AUTHORS	TITLE
1.	OP - 1A	A.T. Ezhilvilian, Hoomin Lee, Jun Yeong Kim, Hyo Hyun Seo, SeungHeeCho,Young-KyuHan,Yun Suk Huh and Jeong Hun Lee	ASSEMBLY OF CAFFEIC ACID SUPPORTED MATRIX FUNCTIONALIZED WITH BOMBYX MORIDERIVED PEPTIDE BIOMATERIALS FOR ANTI-AGING SKIN CARE APPLICATIONS
2.	OP - 1B	Arun J ;Clement Joshua S ; Karthikeyan A ;	PREVENTION OF DECUBITUS ULCER: A SIMPLE BLOOD FLOW EQUALIZING BED
3.	OP - 1C	R B Durairaj,SRamachandran	IN VITRO CHARACTERIZATION OF HYDROXYAPATITE COATINGS OVER AZ31 AND SS316L BIOMATERIAL SURFACES
4.	OP - 1D	B.Geetha1, S. Krishnakumar1*J. Premkumar1and J. Paul Pradeep2	SYNTHESIS AND CHARACTERIZATION OF BIOSCAFFOLDS USING FREEZE DRYING TECHNIQUE FOR BONE REGENERATION
5.	OP - 1E	Kirubika.T.R and S. Krishnakumar*	WEARABLE KIDNEY DIALYSER FOR RENAL FAILURE PATIENT USING SOLAR POWER GENERATOR: - A PROTOTYPE
6.	OP - 1F	T. Jemima Jebaseelia,, C. Anand Deva Durai	RETINAL BLOOD VESSEL SEGMENTATION FROM DIABETIC RETINOPATHY IMAGES USING TANDEM PCNN MODEL AND DEEP LEARNING BASED SVM
7.	OP - 1G	GunasekaranKhurushchev& A. Nishadh	OPTIMIZATION OF SONICATION - ASSISTED EXTRACTION OF ESSENIAL OIL FROM SESAME SEED MEAL USING RESPONSE SURFACE METHODOLOGY
8.	OP - 1H	S. Nivitha, T. Mahant, M. Sumana, R. Nishanthi, R. Hemalatha, A. Thirumurugan1	IN VITRO ANALYSIS OF DOXORUBICIN COATED PLATINUM NANOPARTICLES AND TRANSFERSOME AGAINST HELA CELL LINE
9.	OP - 1I	P. R. Yaashikaa1, P. Senthil Kumar*1	ISOLATION, IDENTIFICATION AND MOLECULAR CHARCTERIZATION OF HEAVY METAL RESISTANCE IN GRAM-NEGATIVE BACTERIA ISOLATED FROM TEXTILE EFFLUENT
10.	OP - 1J	J Parthipan a, B Nagalingeswara Rajub	INVESTIGATING THE PHYSIO-CHEMICAL PROPERTIES OF DENSIFIED BIOMASS BRIQUETTES FROM FRUIT AND VEGETABLE MARKET WASTE

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ORAL PRESENTATION 2

8th JANUARY 2018(11.30 AM - 12.30 PM)

VENUE: Presentation Hall-2 2nd FLOOR, IRC AUDITORIUM

S NO	CODE	AUTHORS	TITLE
1.	OP – 2A	Agnes Mary Sa*, GiriDev V. R.b*, Madhan Ba*	CENTRIFUGAL SPUN ULTRAFINE FIBROUS SCAFFOLD INCORPORATED WITH CASSIA AURICULATA FOR CUTANEOUS WOUND HEALING APPLICATIONS
2.	OP – 2B	B.Panchami, Sindu Divakaran,.T.Sudhakar	BLEEDING IMAGE DETECTION IN ENDOSCOPY VIDEO
3.	OP – 2C	Bethanne Janney.J, Umashankar.G, Sindu Divakaran, Shelcy Mary Jo and Nancy Basilica.S	IMAGE ANALYSIS OF CERVICAL CANCER IN MRI IMAGES USING MULTICLASS SVM CLASSIFIER
4.	OP – 2D	1Jayasudha B S K,2P.N. Sudha	PCG ACQUISITION AND ANALYSIS FOR DETECTION OF CARDIAC FAILURES AT EARLY STAGES
5.	OP – 2E	S.Srividya1*, G.Sridevi2, B.Santhosh Kumar3, T.P.Sastry4	FABRICATION, CHARACTERIZATION AND OSSEOINTEGRATION OF BONEGRAFT INCORPORATED WITH LEAF EXTRACTS OF ORMOCARPUM SENNOIDESAND BIOPOLYMERS
6.	OP – 2F	TaseenGul* & Dr. EhtishamulHaq	DIFFERENT STRATEGIES FOR THE TREATMENT OF OBESITY
7.	OP – 2G	Dr.V. Dooslin Mercy Bai, Ms.ArshyaSurendran, Ms.Krishna M.N & Mr. Vishnuraj U	AUTOMATIC BELT TYPE DEVICE FOR SCOLIOSIS
8.	OP – 2H	Dr. JayanthiThiruvengadam, Dr. M. Anburajan	MODEL BASED DIAGNOSTIC METHOD FOR IMPROVED DIAGNOSIS OF CARDIOVASCULAR DISEASE USING IR THERMOGRAM
9.	OP – 2I	Dr.V. Dooslin Mercy Bai, Ms.S.SubashreeMs.Anushasen and Ms.Tanushreemandal	SIMULTANEOUS SURVIVELLENE OF NEONATALS USING BUBBLE DEVICE
10.	OP – 2J	Prakash P1*, Sai Krishna N.M.D, Swetha Sunkar, Madhumitha S, And Stanley Abraham2	ANALYSIS OF BIOACTIVE COMPOUNDS FROM GRACILARIA FOLIIFERA BASED ON LUNAR PHASES

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ORAL PRESENTATION 3

8th JANUARY 2018(02.45 PM-04.15PM)

VENUE: Presentation Hall-1stFLOOR, IRC AUDITORIUM

S NO	CODE	AUTHORS	TITLE
1.	OP – 3A	Amit Kumar Kesharwani1*, M.P. Darokar2, G.P. Gupta3	DETECTION OF B-LACTAMASE AND ANTIBIOTIC SUSCEPTIBILITY OF CLINICAL ISOLATES OF STAPHYLOCOCCUS AUREUS
2.	OP – 3B	Jaya Rubi and Dr. Anima Nanda	DESIGN OF BIOMIMETIC LIMB FOR RESTORING HAND FUNCTION OF PARTIALLY AMPUTED PEOPLE
3.	OP – 3C	Sanjay Kumar S	TARGETING BIOFILM FORMATION BY PSEUDOMONAS AERUGINOSA USING BIOACTIVE COMPOUNDS
4.	OP – 3D	Prabavathy D, Grace Lydia Phoebe M and Gayathri S	CYTOTOXICITY OF L-ASPARAGINASE ISOLATED FROM ENDOPHYTIC ASPERGILLUS NOMIUS ISOLATED FROM JUSTICIA ADHATODA ON A549 CELL LINES
5.	OP – 3E	Ravibalan Thirumurugan1,2,3, Antony V. Samrot1*, Maruthai Kathirvel2, Balu Radhakrishnan3	ANTIBIOGRAM OF URINARY ISOLATES AMONG INPATIENTS AND OUTPATIENTS AT PUDUCHERRY STATE, SOUTH INDIA
6.	OP – 3F	S. Usha Nandhini1, S.Sudha1, Anusha Jeslin.V2 and Manisha. S2	ISOLATION , IDENTIFICATION AND EXTRACTION OF ANTIMICROBIAL COMPOUNDS PRODUCED BY STREPTOMYCES SPS FROM TERRESTRIAL SOIL
7.	OP – 3G	Dr. B. Padmapriya*,1, Ms. M. S. Sangeetha2, Ms.G.Ramyapriyanandhini3	DETECTION OF MALARIAL PARASITES USING IMAGE PROCESSING TECHNIQUES FROM BLOOD SMEAR SLIDES
8.	OP – 3H	Sindu Divakaran1, Sheeba Santhosh2, Bethanney Janney3, Umashankar G4, Uma Maheswari V R5, BeemaSithiha S6	DESIGN OF INFUSION TECHNOLOGY FOR HOME CARE PATIENTS
9.	OP – 3I	Anima Nanda, *B. K. Nayak And M. A. Sofi	ANTIMICROBIAL PROPERTIES OF BIOGENIC SILVER NANOPARTICLES SYNTHESIZED FROM PHYLLOPLANE FUNGUS, ASPERGILLUS TAMARII
10.	OP – 3J	T. Jemima Jebaseelia*, C. Anand Deva Duraib	A MECHANISM FOR DIABETIC RETINAL BLOOD VESSEL PROFILE MEASUREMENT AND ANALYSIS ON FUNDUS IMAGES

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ORAL PRESENTATION 4

8th JANUARY 2018(02.45 PM-04.15PM)

VENUE : Presentation Hall-22nd FLOOR, IRC AUDITORIUM

S NO	CODE	AUTHORS	TITLE
1.	OP – 4A	S. Magesh,V. Hariharan, Jeya Jeevahan*,G. Britto Joseph	EXPERIMENTAL INVESTIGATION OF THE EFFECTS OF COOLING RATE ON WELDING CHARACTERISTICS AND CORROSION OF S500MC MATERIALS IN UNDERWATER CONDITIONS
2.	OP – 4B	Arunava Das*, P. Sampath, M. Jeevananthan And J. Bindhu	CHARACTERIZATION AND BIO DECOLOURIZATION OF AZO DYE USING BACTERIA ISOLATED FROM TEXTILE DYE EFFLUENT FROM TAMIL NADU
3.	OP – 4C	V. RatnaKumari*	A EFFECTIVE STUDY ON RAPID DEGRADATION OF POLYTHENE BAGS AND PLASTIC WASTE BY MICROBIAL SPECIES
4.	OP – 4D	Valli Nachiyar C*, Renugadevi K, Swetha Sunkar	CYTOTOXICITY OF 8-ANILINO 1-NAPHTHALENE SULFONIC ACID AND ITS DEGRADATION PRODUCTS
5.	OP – 4E	B. Suresh Chander Kapali ¹ , Kaviya Sisil ² , R. Sindhuja ² and S. Ilavarasi ²	DIAGNOSIS OF THYROID STIMULATING HORMONE LEVEL IN HUMAN BLOOD USING NON-INVASIVE METHOD – INFRA RED TECHNIQUE.
6.	OP – 4F	M.Gunasekaren ^a , V. Godvinsharmila ^b , J. Rajesh Banu ^{b*}	APPLICATION OF THIN LAYER TIO ₂ FOR THE GENERATION OF BIOFUEL FROM WASTE ACTIVATED SLUDGE
7.	OP – 4G	V. Sriram ¹ ,Jeya Jeevahan ² , G. Mageshwaran ³ , G. Britto Joseph ⁴ , R.B.Durairaj ⁵	ENGINE PERFORMANCE AND EMISSION CHARACTERISTICS OF 1-PENTANOL BLENDED BIODIESEL IN A SINGLE CYLINDER DIESEL ENGINE
8.	OP – 4H	B. K. Nayak And *Anima Nanda	STUDIES ON BIODIVERSITY OF SOIL FUNGI FROM TWO CROP FIELDS
9.	OP – 4I	B.Suvedhaa, Karanam Sai Bavva And Kapil Sharma	SYNTHESIS OF VERSATILE NANOCARRIERS FROM THE SUSTAINABLE PLANT SOURCE - THE EXUDATES
10.	OP – 4J	Ujjala Burman ¹ And Raj Ks ²	STUDY OF TOXICITY EFFECTS OF SILVER AND MAGNETITE NANOPARTICLES ON EUDRILUS EUGENIAE (EARTHWORM SPECIES)

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ORAL PRESENTATION 5

8th JANUARY 2018(04.30 PM-06.00 PM)

VENUE: Presentation Hall-11st FLOOR, IRC AUDITORIUM

S NO	CODE	AUTHORS	TITLE
1.	OP – 5A	Harendra Kumar 1,A.Annam Renita2*	SYNTHESIS OF A RENEWABLE HETEROGENEOUS EGGSHELL-COCONUT PITH CATALYST FOR TRANSESTERIFICATION OF WASTE COOKING OIL
2.	OP – 5B	C.Mabel Joshaline1, S.Basil2and A.Robinson2	KINECTIC ASPECTS OF CHROMATE REDUCTION BY BACILLUS LICHENIFORMIS STRAIN MF197915IN A LABORATORY FERMENTOR
3.	OP – 5C	V.Gayathri1*, B.S. Mohan Kumar1	MICROBIAL SIDEROPHORES AND THEIR POTENTIAL APPLICATIONS FOR IRON REMOVAL IN GROUND WATER
4.	OP – 5D	Nehal Goyal	DEGRADATION OF METHYL PARATHION BY ASPERGILLUS NIGER
5.	OP – 5E	Raji P, Antony V Samrot, Bennet Rohan, Divya Kumar P, Ratna Geetika, Kripu Sharma	BIOACTIVITY STUDY OF THE CRUDE AND METABOLITE OF MEDICINAL PLANTS – A COMPARITIVE APPROACH
6.	OP – 5F	Ranimol.G1, Thulasi Venugopal2 Shiji Gopalakrishnan3, Swetha Sunkar*	PURIFICATION OF LACCASE FROM TRICHODERMA HARZIANUMAND APPLICATION IN DYE DECOLOURISATION
7.	OP – 5G	Malar Selvi M.S.1 , Dr.(Mrs.). S.Amala Fatima Rani 2, S.Pauline Suganthi 2	STUDIES ON THE REMOVAL OF CR (VI) FROM AQUEOUS SOLUTIONS USING CHEMICALLY ACTIVATED PISTACHIOS SEED SHELL AND COMMERCIALY AVAILABLE CARBON
8.	OP – 5H	*M. Krishna Moorthy, #B. K. Nayak And Anima Nanda	IN VIVO AND IN VITRO CHARACTERIZATION OF PROBIOTIC ORGANISMS FOR THEIR MICROBIAL ADHESION PROPERTY ISOLATED FROM COCONUT TODDY
9.	OP – 5I	Mr. Boniface P1. Dr. Tr. Kalai Lakshmi2	IMPACT OF SOLAR ENERGY IN SUSTAINABLE DEVELOPMENT OF THE INDIAN ENERGY INDUSTRY
10.	OP – 5J	Usha.S1 And Jaynthy Chellam2	A COMPUTATIONAL ANALYSIS OF CANCER INHIBITOR ORTHO BENZOYL VANILLIN

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ORAL PRESENTATION 6

9th JANUARY 2018(04.30 PM-06.00 PM)

VENUE: Presentation Hall-2 2ndFLOOR, IRC AUDITORIUM

S NO	CODE	AUTHORS	TITLE
1.	OP – 6A	Ashrini B. S. and Varalakshmi K. N.	STATISTICAL OPTIMIZATION OF MEDIA COMPONENTS BY TAGUCHI DESIGN AND RESPONSE SURFACE METHODOLOGY FOR ENHANCED ANTICANCER METABOLITE PRODUCTION BY PENICILLIUMSP.
2.	OP – 6B	G.Gayathri, G.Srinikethan	CRUDE GLYCEROL AS A COST-EFFECTIVE CARBON SOURCE FOR THE PRODUCTION OF CELLULOSE BY K.SACCHARIVORANS
3.	OP – 6C	B.Priyadharshini, M.Kavisri, K.Nandini	INFLUENCE OF POLYPROPYLENE FIBER IN CONCRETE PAVER BLOCKs
4.	OP – 6D	1M Deepthi ,2Tony Grace	ISOLATION, IDENTIFICATION AND MOLECULAR CHARACTERISATION OF CELLULOSE DEGRADING BACTERIA IN KASARAGOD DWARF CATTLE
5.	OP – 6E	P. Senthamilselvi and PriyaIyer	ISOLATION AND CHARACTERIZATION OF PIGMENTS FROM MICROORGANISMS ISOLATED FROM MARINE SOIL
6.	OP – 6F	Padmanaban. S ¹ , DurgaSruthi. P ² , SaiSahithya C ²	UTILIZING BIOPOLYMERS FOR COATING THE CHEMICALLY SYNTHESISED MAGNETITE FOR SUSTAINED DRUG DELIVERY
7.	OP – 6G	S.Sudha, S.Usha Nandhini and J. Monica Amala Nayaki, V.Madhumathi	PRODUCTION, OPTIMIZATION AND PARTIAL PURIFICATION OF PROTEASE FROM NOVEL TERRESTRIAL BACTERIUM EXIGUOBACTERIUM AURANTIACUM SP
8.	OP – 6H	Bose Christy Arun, Saranya P, T R Praveen Kumar	EXPERIMENTAL INVESTIGATION ON PROPERTIES OF CONCRETE USING HYBRID FIBERS WITH GROUND GRANULATED BLAST FURNACE SLAG AND FLYASH
9.	OP – 6I	Nmanjain, Jaganathan,m.k.,KritikaSharma, Lillypriyadarshini and Jaiganesh.R	CHARACTERIZATION AND OPTIMIZATION OF POLY-(B)-HYDROXY BUTYRATE PRODUCTION BY BACTERIA ISOLATED FROM DUMPED WASTE
10.	OP – 6J	Dr. V. Ramesh Kumar ¹ , Dr. R. Thyagarajan ¹ , Mr. G. Narendrakumar ¹ , Dr. G. Melchias ²	A COMPARATIVE ANALYSIS OF BIODIESEL PRODUCTION AND ITS PROPERTIES FROM LEPTOLYNGBYA SP. BI-107 AND CHLORELLA VULGARIS UNDER HEAT SHOCK STRESS

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ORAL PRESENTATION 7

9th JANUARY 2018(10.00 AM – 11:00 AM)

VENUE: Presentation Hall-1 1st FLOOR, IRC AUDITORIUM

S NO	CODE	AUTHORS	TITLE
1.	OP – 7A	Sai Krishna. G, Mounica B, Shalini Devi .S and Anuradha. K	SCREENING OF SIDEROPHORE PRODUCING BACTERIA FROM DUMPYARD SOILS AND RHIZOSPHERIC SOILS
2.	OP – 7B	Arokiasamy Antoniraja*, Virippin Anandana, Takshnamurthy Ganesanb	ANTICANDIDA ACTIVITY OF ACTINOMYCETES ISOLATED FROM A MARINE FISH ALEPES MELANOPTERA
3.	OP – 7C	M. Karthik Raju ¹ , B.Suresh Chander Kapali ² , G. V. Jason Jebasingh ³ and Y. Subathara ³	ISOLATION AND CHARACTERIZATION OF LACTIC ACID BACTERIA FROM ORAL AND FECAL SAMPLES OF HEALTHY DOGS.
4.	OP – 7D	G.Sridevi ¹ , , S.Srividya ² ,K.Sembulingam ³	AN EVALUATION OF INVITRO AND INVIVO ANTI –INFLAMMATORY ACTIVITY OF ETHANOLIC EXTRACT OF PERGULARIA DAEMIA
5.	OP – 7E	V.Monisha, N.Premjanu*	STUDIES ON SIDEROPHORE PRODUCTION BY MICROBIAL ISOLATES OBTAINED FROM GARDEN SOIL OF SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY CHENNAI
6.	OP – 7F	Eshanthini P, M.Kavisri, B.Priyadharshini	ESTIMATION OF RAINFALL RUNOFF USING HEC-HMS HYDROLOGICAL MODEL
7.	OP – 7G	Elakkiya J, Jayavani S. And Anima Nanda	PROSPECTIVE OF FISH SCALE GELATIN IMPREGNATED SILVER NANOPARTICLES AS DRUG DELIVERY CARRIER IN PNEUMONIA
8.	OP – 7H	Sadhna Singh ¹ , Priyanka Sharma ² , Manoj Singh ³ , H. L. Nadaf ¹ , Veena Pande ² and Anil Kumar ³	SURFACE PLASMON RESONANCE (SPR) BASED IMMUNODETECTION OF FALSE SMUT (U. VIRENS) OF RICE AND COMPARATIVE ACCOUNT OF SENSITIVITY WITH ENZYME LINKED IMMUNOSORBENT ASSAY
9.	OP – 7I	M.Kavisri, S. Gopinath, B.Priyadharshini, T.R.Praveenkumar, P.Senthilkumar ¹	EVALUATION OF DIFFUSE POLLUTION MODEL BY PREDICTING RUNOFF AND SEDIMENT YIELD IN A SUBWATERSHED
10.	OP – 7J	Y.Swarnalatha*. AlekhyaNanduri**	TRADITIONAL SEED PRESERVATION IN RAYALASEEMA REGION AT ANDHRA PRADESH

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ORAL PRESENTATION 8

9th JANUARY 2018(10.00 AM – 11:00 AM)

VENUE: Presentation Hall-2 2nd FLOOR, IRC AUDITORIUM

S NO	CODE	AUTHORS	TITLE
1.	OP – 8A	Jeya Jeevahan, A.Poovannan, R.B.Durai Raj, G.Mageshwaran, G.Britto Joseph	EFFECT OF OLIVE OIL CONCENTRATIONS ON FILM PROPERTIES OF EDIBLE COMPOSITE FILMS PREPARED FROM CORN STARCH AND OLIVE OIL
2.	OP – 8B	1G. Ashok Kumar Reddy, 1G. Sriramanjaneyulu, 2 Jeya Jeevahan, 2R. B. Durairaj, 2G. Mageshwaran	EXPERIMENTAL INVESTIGATION OF THE SUITABILITY OF BUTANOL BLENDED WITH BIODIESEL AS AN ALTERNATIVE BIOFUEL IN DIESEL ENGINES
3.	OP – 8C	Kusumika Sinha Roy ¹ , Srijoni Bannerjee ² , Debabrata Das [*]	EXOPOLYSACCHARIDE PRODUCTION BY ANABAENASP. PCC 7120: PHYSICO-CHEMICAL PARAMETER OPTIMIZATION AND TWO-STAGE CULTIVATION STRATEGY TO MAXIMIZE THE PRODUCT YIELD
4.	OP – 8D	1V. Saravanan, 2Dr. S. S. Murugan, 3Dr. J.S.I Rajkumar, 4K.R Navaneetha Krishnan, 5K. Sakthivel	PHYTOCHEMICAL DETERMINATION OF ETHANOLIC EXTRACT OF KALANCHOE PINNATA USING FT-IR AND GC-MS ANALYSIS
5.	OP – 8E	Venkatesh D and Jaisankar V [*]	SYNTHESIS OF POLYOLS PREPARED FROM DIFFERENT EPOXIDISED VEGETABLE OILS BY FUNCTIONALISED FATTY ACID
6.	OP – 8F	^{1*} J Premkumar, Abhishek Dhakal, T Sudhakar, S. Krishnakumar, S. Sivaranjani	ANTIMICROBIAL STUDY OF SILVER NANOPARTICLES SYNTHESIZED FROM CINNAMON
7.	OP – 8G	M.Kavisri ¹ , B.Priyadharshini ¹ , V.Vedanarayanan ² , P.Senthilkumar ³ R. H. Ranjith, R. Vaitheshwari	DELINEATION OF GROUNDWATER POTENTIAL ZONES AND IDENTIFICATION OF SITES FOR ARTIFICIAL RECHARGE USING GEOGRAPHICAL INFORMATION SYSTEMS
8.	OP – 8H	Gulzar Ahmed Rather And Anima Nanda	SYNTHESIS OF GOLD NANOPARTICLES USING THE LEAF EXTRACT OF GINKGO BILOBA AND ITS ANTIMICROBIAL AND ANTICANCER ACTIVITIES
9.	OP – 8I	T.R.Praveenkumar ¹ , M.M. Vijayalakshmi ² , Bose Christy Arun ³	UTILIZATION OF SUGARCANE BAGASSE ASH ALONG WITH NANO PARTICLES IN CONCRETE
10.	OP – 8J	A.Mohamed Riyaz ¹ , B.Aishwarya ² , M.Swadhi Priya ³ , A.Asif Mohammed ⁴ , Ms.Oinam Robita Chandu ⁵ , Dr.S.P.Angeline Khirubha ⁶	STUDY OF THE MOBILE PHONE RADIATION EFFECT ON THE FACIAL REGION USING HEADPHONE AND BLUETOOTH MODULES

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ORAL PRESENTATION 9

9th JANUARY 2018(11:45 AM – 1:00 PM)

VENUE: Presentation Hall-11stFLOOR, IRC AUDITORIUM

S NO	CODE	AUTHORS	TITLE
1.	OP – 9A	1A.Kandasamy, 2Dr.D. B. Jabaraj, 3Dr.M.Chandran	EXPERIMENTAL STUDY ON BIODIESEL (KARANJA) IN CI ENGINE
2.	OP – 9B	Didi Chinnu Raju1.Reji J.V.1*Nancy Biji1Anddeepak Ramanan V.1	OPTIMIZATION AND MASS PRODUCTION OF AUXIN INDUCED ADVENTITIOUS ROOTS FROM CENTELLA ASIATICA FOR IN VITRO PRODUCTION OF SECONDARY METABOLITES
3.	OP – 9C	Jawahar Ganapathy 1, Emilin Renitta2	EVALUATION OF DIETARY SUPPLEMENTATION OF PLEUROTUS OSTREATUSANDCALOCYBE INDICAIN SWISS MALE ALBINO MICE
4.	OP – 9D	Nisha Jose & A. Nishadh	OPTIMIZATION OF SONICATION ASSISTED EXTRACTION OF ESSENTIAL OIL FROM SPENT COFFEE USING RESPONSE SURFACE METHODOLOGY
5.	OP – 9E	Rachana Jain and S.N. Naik	ADDING VALUE TO THE OIL CAKE AS A WASTE FROM OIL PROCESSING INDUSTRY: PRODUCTION OF LIPASE IN SOLID STATE FERMENTATION
6.	OP – 9F	Rishi Malhotra1, Gaurav Pathak2, Manikandaraja.G3, Udayakumar .P4	PERFORMANCE AND EMISSION CHARACTERISTICS OF A C.I. ENGINE FULLED BY B20 COTTON SEED OIL METHYLESTER AT VARYING INJECTOR PRESSURES.
7.	OP – 9G	Roselin Jenifer1, Dr. Malathy2 and K. Meher Banu	SCRUTINIZATION OF OMNIFARIOUS SOLVENT EXTRACTS FROM PLUMBAGO ZEYLANICAAND THEIR TRECHANT ACTIVITIES
8.	OP – 9H	Yukesh Kannah Ra, Kavitha Sa, Rajesh BanuJa*, Adish Kumar Sb, GunasekaranMc	ULTRASONIC MEDIATED BIOENERGY RECOVERY FROM MICROALGAL BIOMASS - ENERGY BALANCE ANALYSIS AND BIODEGRADABILITY MODELING
9.	OP – 9I	Femina Carolin C And Dr. P. Senthil Kumar*	BIO-OIL PRODUCTION BY HYDROTHERMAL LIQUEFACTION OF ALGAL BIOMASS GROWN IN WASTEWATER USING BUBBLE COLUMN PHOTOBIOREACTOR
10.	OP – 9J	G.Manjusha*,Dr. BhavaniLatha, Dr. Inbhakandan	NANO AND NATURAL BASED ANTIFOULING CONTROL OF MARINE DIATOM
11.	OP – 9K	R. Vidhyalakshmi1, Iffath Badsha2, C. Valli Nachiyar2*	EMULSIFYING PROPERTY OF EXOPOLYSACCHARIDE PRODUCED BY MARINE ISOLATE OF PSEUDOMONAS FLUORESCENS

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ORAL PRESENTATION 10

9th JANUARY 2018(11:45 AM – 1:00 PM)

VENUE: Presentation Hall-2

2nd FLOOR, IRC AUDITORIUM

S NO	CODE	AUTHORS	TITLE
1.	OP – 10A	Arokiasamy Antoniraja*, Takshnamurthy Ganesanb, Virippin Anandana	ANTAGONISTIC ACTIVITY OF ACTINOMYCETES ISOLATED FROM A MARINE FISH ALEPES MELANOPTERA AGAINST SHEWANELLA PUTREFACIENS AN OPPORTUNISTIC PATHOGEN
2.	OP – 10B	K.Gobinath*1,G. Mageshwaran*2, R B Durairaj*3,Jeya jeevahan*4,V Sriram*5	ENHANCEMENT OF THERMAL PERFORMANCE OF FLAT PLATE COLLECTOR USING AGITATORS
3.	OP – 10C	A.Nishadh, R.Mahalakshmi & V.Selvi	EVALUATION OF ENZYMIC AND NON ENZYMIC ANTIOXIDANT LEVELS IN V. CINEREA LEAF EXTRACTS
4.	OP – 10D	R. Gnanasekaran1, D. Balaji*2, K. Lavanya2, V. Preetha2, Sharon Malusha Wilson2	FERMENTATIVE PRODUCTION OF ITACONIC ACID IN ASPERGILLUS SP
5.	OP – 10E	Shilpa Philip & A.Nishadh	OPTIMIZATION OF SONICATED ASSISTED EXTRACTION OF ESSENTIAL OIL FROM MANGO SEED KERNEL OIL BY RSM
6.	OP – 10F	Shobana N, Narendrakumar G, Antony V Samrot	OPTIMIZATION OF CHITOSANASE ENZYME PRODUCTION BY BACILLUS SPOROTHERMODURANS USING RESPONSE SURFACE METHODOLOGY AND ITS CHARACTERISATION
7.	OP – 10G	Utharalakshmi.Na, A. Ganesh Kumar .Ab, ArfaJawida, Gangotry Mukhopathyaya and Narendrakumar.Ga	ASPERGILLUS FLAVUSSB04: OPTIMIZATION, CHARACTERIZATION OF DIVERSE PARAMETERS FOR SOLID STATE FERMENTATION (SSF)
8.	OP – 10H	G. Janet Joshiba, Dr. P. Senthil Kumar	ELIMINATION OF TOXIC LEAD (II) METAL IONS FROM INDUSTRIAL WASTE WATER USING CHITOSAN MAGNETIC NANO PARTICLES
9.	OP – 10I	Raghu, R , PradeepKumar.S, M.MasilamaniSelvam*	FISH WASTE AS BIOFERTILIZER FOR THE GROWTH OF ABELMOSCHUS ESCULENTUS
10.	OP – 10J	S.Karthick Raja Namasivayam, B.Kirithiga, S,Karthika, K.Praveen Kumar., V.Suresh Kumar	NANOPARTICLES MEDIATED STRESS ON PLANT GROWTH PROMOTING EFFECT OF VIGNA RADIATATREATED WITH VEGETABLE WASTE MANURE
11.	OP – 10K	Vignesh Kk, Vijay Ignatious C, Silky, Raji P	BIOACTIVITY STUDY OF VARIOUS MEDICINAL PLANT EXTRACTS AND ITS GREEN SYNTHESISED SILVER NANOPARTICLE

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ORAL PRESENTATION 11

VENUE: Presentation Hall-1

1st FLOOR, IRC AUDITORIUM

10th JANUARY 2018(10:30 AM – 11:30 AM)

S NO	CODE	AUTHORS	TITLE
1.	OP – 11A	Arunava Das1*,I. Shakuntala2	MOLECULAR CHARACTERIZATION OF DRUG RESISTANT LISTERIA MONOCYTOGENESFROM FOOD AND WATER SAMPLES
2.	OP – 11B	Manjusha C.M.1, Dr. A. Santhiagu1, Adarsh V.K1and Jaya Prakash S2	PHYRE2 AND I-TASSER PROTEIN MODELLING OF GEL K GENE FROM GELLAN GUM PRODUCING BACTERIAL STRAIN SPHINGOMONAS ELODEAATCC 31461
3.	OP – 11C	S.Ravisankar, S.Sureshkumar	ROLE OF CIRCADIAN GENES AND SCN IN TUMOUR SUPPRESSION
4.	OP – 11D	Vaithiyanathan, S*, Vishnuraj, M. R., Narender Reddy and Kulkarni, V.V.	FOOD FORENSICS: APPLICATION OF DNA TECHNOLOGY TO CHECK MISREPRESENTATION OF SPECIES IN ILLEGALLY SOLD MEAT
5.	OP – 11E	Vaithiyanathan, S*, Vishnuraj, M. R., Narender Reddy, Kulkarni, V.V. and Patil, N.V.	DETECTION OF CAMEL (CAMELUS DROMEDARIUS) MEAT FROM SUSPECTED SAMPLES USING SPECIES SPECIFIC PCR-RESTRICTION FRAGMENT LENGTH POLYMORPHISM (RFLP) ASSAY
6.	OP – 11F	Parvathy Harikumar* and Sheela M N	IDENTIFICATION OF MOLECULAR MARKERS LINKED TO DWARFNESS IN WHITE YAM (DIOSCOREA ROTUNDATA POIR.)
7.	OP – 11G	Parvathy Harikumar* and Sheela M N	GENETIC DIVERSITY ANALYSIS USING THREE DIFFERENT MOLECULAR MARKERS IN WHITE YAM (DIOSCOREA ROTUNDATA POIR.)
8.	OP – 11H	Sneha Liya John1, *G. Prakash Williams1 And S. Krishnakumar2	EFFECT OF UV-B RADIATION ON THE GROWTH, PIGMENT PRODUCTION AND MACROMOLECULAR CONTENTS IN MARINE MICROALGAE
9.	OP – 11I	Dr.M.Bavanilatha1, Yoshitha Lakshmanan2, Nivedhitha . S2 Sahithya .S2	GREEN SYNTHESIS OF TITANIUM DIOXIDE NANOPARTICLES USING GLYCYRRHIZAGLABRA, ITS CHARACTERISATION AND BIOACTIVITY STUDIES
10.	OP – 11J	M.S.Guru Kumar1, M.Kavisri1, P.Senthilkumar2, B.Priyadarshini1	ESTIMATION OF GROUNDWATER FLOW DIRECTION AND MAPPING OF FLUORIDE CONTAMINATION USING VISUAL MODFLOW AND ARCGIS IN DHARMAPURI DISTRICT

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ORAL PRESENTATION 12

10th JANUARY 2018(10:30 AM – 11:30 AM)

VENUE: Presentation Hall-2

2nd FLOOR, IRC AUDITORIUM

S NO	CODE	AUTHORS	TITLE
1.	OP – 12A	Anuradha.N	EFFECT OF SALABASANA AND SHAVASANA ON CARDIOVASCULAR PARAMETES
2.	OP – 12B	Harishchander Anandaram & Daniel Alex Anand*	COMPUTATIONAL ANALYSIS OF MICRO RNAS COMPATIBILITY IN PHARMACOGENOMIC BASED REGULATORY NETWORKS OF PSORIATIC ARTHRITIS: AN INITIATION TOWARDS IDENTIFYING POTENTIAL MIRNA TO TREAT PSORIATIC ARTHRITIS
3.	OP – 12C	Dr.M.Muthuraj**, Dr.Antony.V.Samrot* , Girija Vasudevan*	PREVALENCE OF GENETIC MUTATION ASSOCIATED WITH RIFAMPICIN(RPOB) RESISTANT AMONG THE TREATED TUBERCULOSIS PATIENT
4.	OP – 12D	Jayakrishna Tippabathania, Jayshree Nelloreb*, Xavier Sureshc	COMPUTATIONAL IDENTIFICATION OF MICRORNAS BINDING TO THE TRANSCRIPTION FACTORS RELATED TO DOPAMINE NEURONS
5.	OP – 12E	L.V.SivaAthitya*,V. MuthuVijaiBharath*,Dr. Jayshree Nellore**	SCREENING OF GRACILARIA CORTICATA EXTRACTS FOR ACETYLCHOLINESTERASE INHIBITORY ACTIVITY
6.	OP – 12F	G.Anantha Kumar1,N.Premjanu2,C.Jaynthy1*	MOLECULAR DOCKING OF PLANT DERIVED COMPOUND FROM DRY FRUITS FOR THE TREATMENT OF OSTEOPOROSIS –AN INSILICO APPROACH
7.	OP – 12G	Sahithi.Goli*,BrenicyGracelin.G*,Jayshree Nellore**	THE ROLE MITOCHONDRIAL BIOGENESIS AND BIOENERGETICS ON FUNCTIONAL PROPERTIES OF MESENCEPHALIC DOPAMINERGIC NEURONS: ROAD TO THERAPEUTIC APPROACHES FOR PARKINSON'S DISEASE
8.	OP – 12H	Sathish Sundararaman1,* , V.Kavitha2, AchuJoby Mathew1, SreyaMariya Seby1	PERFORMANCE ANALYSIS OF HETEROGENOUS CATALYST SUPPORT FOR THE DECOLOURISATION OF SYNTHETIC TEXTILE EFFLUENT BY AO PROCESS
9.	OP – 12I	Soumiya Sukumar1, Santhiagu Arockiasamy1#, AdarshValappil Kunninmel1and Jaya Prakash Shanmugam2	HOMOLOGY MODELING OF GEL C GENE FROM GELLAN GUM PRODUCING BACTERIAL STRAIN SPHINGOMONAS ELODEAATCC 31461 AND STRUCTURAL VALIDATION
10.	OP – 12J	Deepthi.T1, Tr. Kalai Lakshmi2	A STUDY ON THE EFFECT OF ULTRASOUND THERAPY ON POST EPISIOTOMY PAIN

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ORAL PRESENTATION 13

10th JANUARY 2018(12:15 PM – 1:15 PM)

VENUE: Presentation Hall-1 1st FLOOR, IRC AUDITORIUM

S NO	CODE	AUTHORS	TITLE
1.	OP – 13A	1Mr.D. Somayadineshraj,2Dr. P. Muralidharan,3Ms. C.S. Nishiha,4Mr. R. Lakshmanaswamy,5Mr. R. Shanmugapriyan	SYNTHESIS AND CHARACTERISATION OF MAGNESIUM OXIDE NANOPARTICLES COATED BY BIODEGRADABLE POLYMER FOR HYPOTHERMIA ABLATION OF CANCER CELLS
2.	OP – 13B	G.Narendrakumar, S. Karthick Raja Namasivayam, M. Manikanda	ENHANCEMENT OF BIOCONTROL POTENTIAL OF BIOCOMPATIBLE BOVINE SERUM ALBUMIN (BSA) BASED PROTEIN NANOPARTICLES LOADED BACTERIAL CHITINASE AGAINST MAJOR PLANT PATHOGENIC FUNGI ALTERNARIA ALTERNTA
3.	OP – 13C	S. Chaitanyakumari 1 and Dr. P. Naga Padma 1*	STUDIES ON ANTIBACTERIAL ACTIVITY OF GREEN SYNTHESIZED SILVER NANOPARTICLES USING DIFFERENT PLANT EXTRACTS
4.	OP – 13D	Meenachi. P1, Subashini.R*1, Tharika1, Pavithra1, Prasanna kumar1, Bala Shanmugam2	IN VITRO EVALUATION OF BIODEGRADABLE NHAP-CHITOSAN-GELATIN BASED SCAFFOLD FOR TISSUE ENGINEERING APPLICATION
5.	OP – 13E	R. K. Vinodhini, S.Karthick Raja Namasivayam, V.Gayathri, AanaMathew,K	EVALUATION OF FORMULATION ON VIABILITY,COMPATIBILITY WITH METALLIC NANOPARTICLES,DECOMPOSITION EFFICACY AND BIOCONTROL POTENTIAL OF <i>TRICHODERMA VIRIDE</i>
6.	OP – 13F	S.Karthick Raja Namasivayam * N. Esther Haveela,S.Harini, Monica,P.Pradeep	CYTOTOXIC EFFECT OF GOLD NANOPARTICLES LOADED <i>ASPERGILLUS NIGER</i> BASED ANTICANCER AGENT CAMPHOTHECIN (AU-CPT) AGAINST HEP 2 CELL LINE
7.	OP – 13G	Krishnakumar S*, Janani P, Mugilarasi S And Ganita Kumari	CHEMICAL INDUCED FABRICATION OF SILVER NANOPARTICLES (AG-NPS) AS NANOCATALYST WITH ALPHA AMYLASE ENZYME FOR ENHANCED BREAKDOWN OF STARCH
8.	OP – 13H	T. Sudhakar, ¹ Umashankar G, Roshan Sapkota, ¹ Sakar Rijal, ² Balashanmugam P	SYNTHESIS OF NANOFIBRE FROM <i>CAMELLIA SINENSIS</i> EXTRACT AND THEIR ANTIMICROBIAL ACTIVITIES AGAINST BACTERIAL PATHOGENS
9.	OP – 13I	T.R.Praveenkumar ¹ , M.M. Vijayalakshmi ²	INFLUENCE OF TiO ₂ NANOPARTICLES AND HEMATITE ON PERFORMANCE OF CONCRETE
10.	OP – 13J	Karthick Raja Namasivayam S, ValliNachiyar C*, Bavanilatha M	INFLUENCE OF POLYMER STABILIZATION ON BACTERIALLY SYNTHESIZED TiO ₂ NANOPARTICLES

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ORAL PRESENTATION 14

10th JANUARY 2018(12:15 PM – 1:15 PM)

VENUE: Presentation Hall-2 2ndFLOOR, IRC AUDITORIUM

S NO	CODE	AUTHORS	TITLE
1.	OP – 14A	Justin C ¹ , DurgaSruthi P ¹ , C. Sai Sahithya ¹ , Saipriya C ¹ , KaranamSai Bhavya ¹ , Priscilla Veera ² , Rashmitha S ² And Senthilkumar P ²	CHEMICAL SYNTHESIZED SPIONS/METAL COUPLED SPIONS AND ITS APPLICATION AS THERANOSTIC AGENT
2.	OP – 14B	D. Prabu ¹ , P. Senthil Kumar ² , J.Arvind Kumar ³ , Neha Sinha ⁴ and Monoswita Saikia ⁵	SEQUESTRATION OF CHROMIUM METAL IONS FROM USING ULTRA SONIC ASSISTED NANO-SCALE ZERO VALENT IRON-SUPPORTED CHICKEN EGG SHELL: ADSORPTION THERMODYNAMICS, KINETICS, EQUILIBRIUM AND CHARACTERIZATION STUDIES
3.	OP – 14C	J. Pandiarajan*, S. Balaji, S. Palani Kumar	FABRICATION AND VALIDATION OF SILVER NANOPARTICLES FROM COCOON EXTRACT OF SILK WORM BOMBYX MORI. L
4.	OP – 14D	Jenifer Selvarani A , Nishanthini P and Raji P	A STUDY ON BIOACTIVITY OF INDIGENOUS FRESH FRUIT JUICES AND ITS GREEN SYNTHESIZED SILVER NANOPARTICLES AGAINST PSEUDOMONAS AERUGINOSA
5.	OP – 14E	Antony V Samrot ¹ , KaranamSai Bhavya ¹ , Chamarthysai Sahithya ¹ , Sowmya N ¹ and Kumar Chandrasekaran ²	EVALUATION OF BIOACTIVITY AND TOXICITY OF CHEMICALLY SYNTHESISED GOLD NANOPARTICLES
6.	OP – 14F	Karishma S, Keerthana D, Raji P, Antony V Samrot	CHARACTERIZATION OF SECONDARY METABOLITE SYNTHESISED SILVER NANOPARTICLES AND THEIR INVITRO STUDY
7.	OP – 14G	*1M Amin Bhat, ¹ Anima Nanda, ³ B. K. Nayak and and ⁴ Abdul Hamid Wani	NANO-MATERIALS; THE NEED FOR RESEARCH IN AGRICULTURE FOR EFFECTIVE PRODUCTION AND DISEASE MANAGEMENT
8.	OP – 14H	M. Syed Ali ¹ , V. Anuradha ² , N. Yogananth ¹ , A. Sathya ¹ and S. Krishnakumar ³	HEART AND LIVER REGENERATION IN ZEBRAFISH USING SILVER NANOPARTICLE SYNTHESISED FROM MARINE PLANT- IN VIVO
9.	OP – 14I	Senthilkumar P, Dawn SS, Antony V Samrot, SaiPriya C, Samanvitha K	SYNTHESIS OF POLYHYDROXYBUTYRATE NANOPARTICLES USING SPAN20 FOR SUSTAINED DRUG DELIVERY
10.	OP – 14J	Antony V Samrot , Shobana N, Rashmi Jenna	BIOACTIVITY STUDY OF AQUEOUS EXTRACT OF DIFFERENT COLOURED CAPSICUM ANNUMAND ITS GREEN SYNTHESIZED SILVER NANOPARTICLES
11.	OP – 14 K	Angeline Kirubha S P, Alankruti Rajput	ENHANCEMENT OF THERMAL IMAGING BY IRON OXIDE NANO PARTICLES- A PRELIMINARY STUDY