

PROGRAM SCHEDULE

11TH APCCS CONFERENCE PROGRAM

DAY-1 SEPTEMBER 28TH

TIME	EVENT
7:45AM - 9:00AM	REGISTRATION Venue: 3rd Floor
9:00AM - 9:40AM	INAUGURATION & AWARD FUNCTION Venue: 3rd Floor
9:40AM – 10:00AM	TEA BREAK

SESSION – I

INAUGURAL PLENARY & KEYNOTE SESSION

10:00AM – 11:25AM	INAUGURAL PLENARY & KEYNOTE LECTURES Session chair : DR. CHANDRA P SHARMA Venue : 3rd Floor
10.00AM – 10:30AM	PL-1: DR. HIROSHI TAMURA (KANSAI UNIVERSITY, JAPAN) TITLE:- ABSORBENT FOR RADIOACTIVE NUCLEI SPECIES BY CHITIN/CHITOSAN
10:30AM – 11:00AM	PL-2: DR. APPA RAO PODILE (UNIVERSITY OF HYDRABAD, INDIA) TITLE: - CHITIN AND CHITOSAN IN AGRICULTURE
11:00AM – 11:25AM	KN-1: DR. HERMANN EHRLICH (INSTITUTE OF EXPERIMENTAL PHYSICS, GERMANY) TITLE:- CHITIN OF PORIFERAN ORIGIN: DISCOVERY, PRACTICAL APPLICATIONS AND FUTURE

SESSION – II

AWARD WINNER'S PRESENTATION SESSION

11:30AM – 12:35PM	<p style="text-align: center;">AWARD PRESENTATION Chair : DR. M. V. DESPHANDE Venue : 3rd Floor</p>
11:30AM – 11:50AM	<p style="text-align: center;">SHRI VINAYAK M. DESHPANDE YOUNG SCIENTIST AWARD DR. PRAJAKTA DANDEKAR JAIN TITLE:- EXPLORING 'GREEN' CATALYSTS FOR TAILORING BIOPOLYMERS</p>
11:50AM – 12:05PM	<p style="text-align: center;">MARSHALL STUDENT AWARD AKHILESH KUMAR PAL TITLE: - NON-ISOTHERMAL DEGRADATION KINETICS OF LACTIC ACID OLIGOMER-G-CHITOSAN DISPERSED POLY (LACTIC ACID) FILMS PREPARED BY SOLUTION CASTING METHOD.</p>
12:05PM – 12:20PM	<p style="text-align: center;">SUBHA NARAYAN DAS TITLE:- AMINO GROUPS OF CHITOSAN ARE CRUCIAL FOR BINDING TO A FAMILY 32 CARBOHYDRATE BINDING MODULE OF A CHITOSANASE FROM <i>PAENIBACILLUS ELGII</i></p>
12:20PM – 12:35PM	<p style="text-align: center;">DEEPTHI SANKAR TITLE:- CHITIN/CHITOSAN BASED MATRICES FOR TISSUE ENGINEERING AND REGENERATIVE MEDICINE</p>
12:35PM - 1:15PM	<p style="text-align: center;">LUNCH Venue: Roof Top (4th Floor)</p>
1.15PM - 1.50PM	<p style="text-align: center;">POSTER PRESENTATION - A (CHEMISTRY, ENZYMOLOGY, BIOTECHNOLOGY, ENVIRONMENTAL & AGRICULTURE) Venue: Roof Top (4th Floor)</p>

PARALLEL SESSION- III & IIIA

TIME	<p>SESSION – III (CHEMISTRY & ENVIRONMENTAL)</p> <p>Venue: 3rd Floor</p> <p>Chair: DR. P. K. DUTTA</p>	<p>SESSION –IIIA (ENZYMOMOLOGY, BIOTECHNOLOGY & AGRICULTURAL)</p> <p>Venue: 1st Floor</p> <p>Chair: DR. VANDANA GHORMADE</p>
2:00PM – 5:45PM	HALL-1	HALL-2
2:00PM – 2:25PM	<p>KN-2: DR. ANJALI PAL (IIT- KHARAGPUR, INDIA)</p> <p>TITLE:- MODIFIED CHITOSAN BEADS FOR ENHANCED ADSORPTIVE REMOVAL OF DYE AND METAL ION AND ITS FURTHER APPLICATION AS CATALYST</p>	<p>KN-4: DR. HIDEO KUSAOKE (FUKUI UNIVERSITY OF TECHNOLOGY, JAPAN)</p> <p>TITLE:- BIOCHEMICAL AND BIOTECHNOLOGICAL STUDIES ON CHITIN, CHITOSAN, AND RELATED ENZYMES PRODUCED BY <i>PAENIBACILLUS</i> IK-5 STRAIN</p>
2:25PM – 2:50PM	<p>KN-3: DR. N. RAJENDRAN (ANNA UNIVERSITY, INDIA)</p> <p>TITLE: - DRUG-LOADED TiO₂ NANOTUBES COATED WITH CHITOSAN FOR BIOMEDICAL APPLICATIONS.</p>	<p>KN-5: DR. M. V. DESHPANDE (CSIR-NCL, PUNE, INDIA)</p> <p>TITLE: - CAN FUNGI COMPETE WITH MARINE SOURCES FOR CHITOSAN PRODUCTION?</p>
2:50PM – 3:10PM	<p>IL-1: DR. K. C. GUPTA (IIT-ROORKEE, INDIA)</p> <p>TITLE:- NATURALLY OCCURRING POLYMERS FOR CONTROLLED AND SUSTAINED DELIVERY OF DRUGS</p>	<p>IL-8: DR. MASAHIRO MATSUMIYA (NIHON UNIVERSITY, JAPAN)</p> <p>TITLE:- CHITINASE IN MARINE ORGANISMS: ENZYMATIC PROPERTIES AND PHYSIOLOGICAL ROLES OF CHITINASE ISOZYMES FROM FISH AND MOLLUSCA</p>

3:10PM – 3:30PM	<p>IL-2: DR. RATANA RUJIRAVANIT (CHULALONGKORN UNIVERSITY, THAILAND) TITLE:- PLASMA-ASSISTED PHOTOCATALYTIC DEGRADATION OF CHITOSAN USING TiO_2</p>	<p>IL-9: DR. TOKI TAIRA (UNIVERSITY OF RYUKYUS, JAPAN) TITLE:- ROLES OF DOMAINS IN ANTIFUNGAL ACTIVITY OF CHITINASE</p>
3:30PM -3:50PM	<p>IL-3: DR. TETSUYA FURUIKE (KANSAI UNIVERSITY, JAPAN) TITLE:- PREPARATION OF CHITOSAN HYDROGEL AND ITS SOLUBILITY BEHAVIOR TOWARD ORGANIC ACIDS</p>	<p>IL-10: DR. TAMO FUKAMIZO (KINDAI UNIVERSITY, JAPAN) TITLE:- NMR AND CRYSTAL STRUCTURES OF CHITOSAN-BINDING MODULES PROVIDE INSIGHTS INTO THE LIGAND-RECOGNITION MECHANISM</p>
3:50PM – 4:10PM	TEA BREAK	
	Chair: DR. N. VISWANATHAN	Chair: DR. V. SHANMUGAM
4:10PM – 4:30PM	<p>IL-4: DR. K. JOTHIVENKATACHALAM (ANNA UNIVERSITY, INDIA) TITLE:- ENHANCED PHOTOCATALYTIC ACTIVITY OF CHITOSAN BASED NANOCOMPOSITES</p>	<p>IL-11: DR. MASARU MITSUTOMI (SAGA UNIVERSITY, JAPAN) TITLE:- CHARACTERIZATION OF AN EXO CHITOBIOHYDROLASE, A NEW EXO-TYPE CHITOSANASE, FROM <i>GONGRONELLA BUTLERI</i></p>
4:30PM – 4:50PM	<p>IL- 5: DR. C. SAIRAM SUNDARAM (WOMEN'S POLYTECHNIC COLLEGE, PUDUCHERRY, INDIA) TITLE:- CORROSION INHIBITION ON MILD STEEL IN ACIDIC MEDIUM BY CHITOSAN DERIVATIVES</p>	<p>IL-12: DR. SHOHEI SAKUDA (UNIVERSITY OF TOKYO, JAPAN) TITLE:- ALLOSAMIDIN –THREE DECADES–</p>

4:50PM – 5:10PM	<p>IL-6: DR. NGO DANG NGHIA (NHA TRANG UNIVERSITY, VIETNAM)</p> <p>TITLE:- EFFECTS OF LOW FREQUENCY ULTRASOUND ON KINETICS OF HETEROGENEOUS DEACETYLATION OF CHITIN</p>	<p>IL-13: DR. K. V.HARISH PRASHANTH (CSIR-CFTRI, MYSORE, INDIA)</p> <p>TITLE:--20KDA LOW MOLECULAR WEIGHT CHITOSAN: A BIOACTIVE MOLECULE WITH UNLIMITED POTENTIAL AND FUNCTIONAL FUTURE AVENUES</p>
5:10PM – 5:30PM	<p>IL-7: DR. TRANG SI TRUNG (NHA TRANG UNIVERSITY, VIETNAM)</p> <p>TITLE:- EXTRACTION AND CHARACTERIZATION OF CHITOSAN FROM BY-PRODUCTS OF VARIOUS SHRIMP SPECIES</p>	<p>IL-14: DR.TAE-II SON (CHUNG-ANG UNIVERSITY, REPUBLIC OF KOREA)</p> <p>TITLE:- VISIBLE AND UV CURABLE CHITOSAN DERIVATIVES FOR IMMOBILIZATION OF BIOMOLECULES</p>
5:30PM – 5:45PM	<p>1 OP-AG-2- DR. V. RENUKA</p> <p>TITLE: EFFECT OF CHITIN DERIVATIVES BASED EDIBLE COATING ON QUALITY OF BARRACUDA FISH STEAKS UNDER REFRIGERATED STORAGE</p>	<p>2 OP-EY-3- DR. VEDA P. PANDEY</p> <p>TITLE:- CHITOSAN IMMOBILIZED NOVEL PEROXIDASE FROM <i>AZADIRACHTA INDICA</i>: CHARACTERIZATION AND APPLICATION</p>
5:50PM – 6:10PM	APCCS & ICCS COMMITTEE MEETING	
6:10PM – 7:00PM	CULTURAL EVENT Venue: 3rd Floor	
7:00PM	DINNER Venue: 3rd Floor	

DAY-2 SEPTEMBER 29TH

SESSION - IV

TIME	EVENT
9:00AM – 10:00AM	PLENARY LECTURES Venue: 3rd Floor Chair: DR. HERMANN EHRLICH
9:00AM – 9:30AM	PL-3: DR. CAROLINE HOEMANN (ECOLE POLYTECHNIQUE, CANADA) TITLE:- CHITOSAN-BASED IMPLANTS THAT PROMOTE ARTICULAR CARTILAGE REGENERATION
9:30AM – 10:00AM	PL-4: DR. JOEL.D.BUMGARDNER (UNIVERSITY OF MEMPHIS, USA) TITLE:- CHARACTERIZATION OF CHITOSAN MATTERS
10:00AM – 10:20AM	TEA BREAK

PARALLEL SESSION – V & VA

STUDENT ORAL PRESENTATION

TIME	SESSION V Venue: 3rd Floor Chair: DR. JOEL D BUMGARDNER, DR. CAROLINE HOEMANN & DR. SHINSUKE IFUKU	SESSION VA Venue: 1st Floor Chair: DR. TAMO FUKAMIZO, DR. HIDEO KUSAOKE & DR. RATANA RUJIRAVANIT
10:20AM – 12:30PM	HALL-1- (CHEMISTRY, NANOTECHNOLOGY, MEDICAL, PHARMACEUTICAL, TRANSLATIONAL RESEARCH)	HALL-2- (ENZYMODOLOGY, BIOTECHNOLOGY, ENVIRONMENTAL, AGRICULTURAL)

10:20AM – 10:30AM	<p>3 OP-C-4: J.PREETHI</p> <p>TITLE:- PHOTO-REDUCTION OF HEXAVALENT CHROMIUM USING CHITOSAN MODIFIED ZINC OXIDE MATERIALS</p>	<p>15 OP-EY-4: MOHAN KRISHNA MALLAKUNTLA</p> <p>TITLE: - TRANSGLYCOSYLATION OF MULTI DOMAIN GLYCOHYDROLASE FAMILY 18 CHITINASE (EcCHI2) FROM <i>ENTEROBACTER CLOACAE</i> SUBSP. <i>CLOACAE</i>.</p>
10:30AM – 10:40AM	<p>4 OP-C-5: ARJUNAN NITHYA</p> <p>TITLE:- PHOTOCATALYTIC AND ANTIMICROBIAL ACTIVITIES OF CHITOSAN-TiO₂ NANOCOMPOSITE</p>	<p>16 OP-EY-6: B BHUVANACHANDRA</p> <p>TITLE:- AMINO ACID RESIDUES IMPORTANT FOR CATALYSIS BY A CHITOSANASE FROM <i>BACILLUS AMYLOLIQUEFACIENS</i></p>
10:40AM – 10:50AM	<p>5 OP-C-6: ANAÏS ALTOUNIAN</p> <p>TITLE:- SYNTHESIS AND CHARACTERIZATION OF A WATER-SOLUBLE QUATERNIZED DERIVATIVE OF CHITOSAN</p>	<p>17 OP-BT-2: ANU SINGH</p> <p>TITLE:- FABRICATION OF CHITIN GLUCAN COMPLEX FROM INDIAN EDIBLE MUSHROOM FOR BIOMEDICAL APPLICATIONS</p>
10:50AM – 11:00AM	<p>6 OP-NT-2: PRABHA BHARTIYA</p> <p>TITLE: - PREPARATION OF CHITOSAN-COATED MnO₂: WITH/WITHOUT Mn @CHITOSAN AS CELL IMAGING AND DRUG DELIVERY AGENTS.</p>	<p>18 OP-BT-3: SUNEETA KUMARI</p> <p>TITLE:- STRUCTURAL DIFFERENCE AND CHARACTERIZATION OF CHITIN AND CHITOSAN EXTRACTED FROM AQUATIC WASTE</p>
11:00AM – 11:10AM	<p>7 OP-NT-8: ANNAPOORNA MOHANDAS</p> <p>TITLE:NANOCURCUMIN INCORPORATED CHITOSAN-ARGININE COMPOSITE INJECTABLE HYDRO GEL FOR THE ENHANCEMENT OF ANGIOGENESIS IN HINDLIMB ISCHEMIA</p>	<p>19 OP-BT-5: NEETHU HARI</p> <p>TITLE: - PHYSICAL AND BIOLOGICAL EVALUATION OF NOVEL CHITOSAN BASED FILM INCORPORATED WITH STARCH NANOCRYSTALS AND PEPPER MINT OIL.</p>

11:10AM – 11:20AM	<p>8 OP-NT-9: M.KARPURA RANJITH CHITOSAN–ZnO/POLYVINYL PYRROLIDONE NANOCOMPOSITE FOR BETTER ANTIBACTERIAL ACTIVITY.</p>	<p>20 OP-BT-7: P. PRAMOD KUMAR TITLE: - ACRYLAMIDE INDUCED NEUROTOXICITY IN DROSOPHILA MELANOGASTER: PROTECTIVE EFFECT OF LOW MOLECULAR WEIGHT CHITOSAN THROUGH NORMALIZING DOPAMINE AND KINESIN MOTOR PROTEIN LEVELS.</p>
11:20AM – 11:30AM	<p>9 OP-M-2: V.G. RAHUL TITLE:- COMPARATIVE STUDY ON THE STIFFNESS OF CHITOSAN- HYALURONIC ACID DIALDEHYDE HYDROGELS IN VARYING COMPONENT RATIOS ON THE VIABILITY AND GROWTH OF ENCAPSULATED CHONDROCYTES</p>	<p>21 OP-ENV-1: IAROSLAV PETRENKO TITLE:- METALLIZATION OF SPONGE CHITIN SCAFFOLDS USING ELECTROCHEMICAL APPROACH</p>
11:30AM – 11:40AM	<p>10 OP-M-3: VEENA VYAS TITLE:- CHITOSAN COMPOSITE THREE DIMENSIONAL MACROSPHERIC SCAFFOLDS FOR BONE TISSUE ENGINEERING</p>	<p>22 OP-ENV-2: A RATNA KUMARI TITLE:- REMOVAL OF LEAD AND COPPER BY ADSORPTION WITH THE RENEWABLE BIOPOLYMER COMPOSITE OF CHITOSAN (<i>AGARICUS BISPORUS</i>) AND EGGSHELL (<i>GALLUS DOMESTICUS</i> AND <i>DROMAIUS NOVAEHOLLANDIAE</i>) FEATHER (<i>DROMAIUS NOVAEHOLLANDIAE</i>): A COMPARATIVE STUDY</p>
11:40AM – 11:50AM	<p>11 OP-M-5: DR.ATHIPATHI RAJ TITLE:- CARBOXYMETHYL CHITOSAN ON SMEAR LAYER REMOVAL AND ROOT DENTIN MICROHARDNESS</p>	<p>23 OP-ENV-3: PREETI PAL TITLE:- SURFACTANT-MODIFIED CHITOSAN BEADS FOR CADMIUM ADSORPTION</p>

11:50AM – 12:00AM	<p>12 OP- M-6: DR. KRITIKA SELVAKUMAR</p> <p>TITLE:- EVALUATION OF THE WEAR RESISTANCE OF PIT AND FISSURE SEALANTS INCORPORATED WITH NANO-CHITOSAN PARTICLES – AN INVITRO STUDY</p>	<p>24 OP-ENV-4: SHASHIKANT KAHU</p> <p>TITLE:- STANNIC CHLORIDE CROSS-LINKED CHITOSAN FOR DEFLUORIDATION OF WATER</p>
12:00AM – 12:10AM	<p>13 OP- M-7: M. NIVEDHITHA SUNDARAM</p> <p>TITLE:- ASTRINGENT INCORPORATED CHTIOSAN HYDROGEL FOR RAPID AND EFFECTIVE HEMOSTASIS</p>	<p>25 OP-ENV-5: ILANGO ASWIN KUMAR</p> <p>TITLE:- SYNTHESIS AND APPLICATIONS OF METAL ION CROSS-LINKED BENTONITE/CHITOSAN COMPOSITE FOR SELECTIVE PHOSPHATE REMOVAL</p>
12:10AM – 12:20AM	<p>14 OP-PH-2: M GOVER ANTONIRAJA</p> <p>TITLE:- SYNTHESIS AND CHARACTERIZATION OF CYSTAMINE CONJUGATED CHITOSAN-GRAFT-PNIPAM POLYMERIC NANOPARTICLES FOR THERMO AND REDOX RESPONSIVE DRUG RELEASE</p>	
12:30AM – 1:00PM	<p style="text-align: center;">LUNCH</p> <p style="text-align: center;">Venue: Roof Top (3th Floor)</p>	
1:10PM – 1:55PM	<p style="text-align: center;">POSTER PRESENTATION-B</p> <p style="text-align: center;">(NANOTECHNOLOGY, MEDICAL, PHARMACEUTICAL, & TRANSLATIONAL RESEARCH)</p> <p style="text-align: center;">Venue: Roof Top (4th Floor)</p>	

PARALLEL SESSION – VI & VIA

TIME	SESSION-VI Venue: 3rd Floor Chair: DR. JESSICA AMBER JENNINGS	TIME	SESSION-VIA Venue: 1st Floor Chair: DR. M. V. DESPHANDE
2:00PM – 3:45PM	HALL-1 (MEDICAL APPLICATIONS)	2:00PM – 3:45PM	HALL-2 (ENZYMOMOLOGY, BIOTECHNOLOGY & AGRICULTURE)
2:00PM – 2:25PM	KN-6: DR. N. SELVAMURUGAN (SRM UNIVERSITY, INDIA) TITLE:- CHITOSAN-BASED SCAFFOLDS FOR BONE TISSUE ENGINEERING: A CELLULAR AND MOLECULAR STUDY	2:00PM – 2:20PM	IL-19: DR. P. N. SUDHA (DKM COLLEGE FOR WOMEN, INDIA) TITLE:- NANOCHITOSAN AN EFFICIENT MATERIAL TAILORED FOR DIFFERENT APPLICATIONS
2:25PM – 2:45PM	IL-15: DR. VANDANA GHORMADE (AGHARKAR RESEARCH INSTITUTE, PUNE, INDIA) TITLE:- CHITOSAN NANOPARTICLES, A VERSATILE VEHICLE FOR BIOIMAGING AND DRUG DELIVERY	2:20PM – 2:40PM	IL-20: MR. NASIR HAMEED (NAQUA, KINGDOM OF SAUDI ARABIA) TITLE:- CHITIN & DERIVATIVES - NATIONAL AQUACULTURE GROUP, SAUDI ARA BIA – AN OVERVIEW
2:45PM – 3:05PM	IL- 16: DR. IRA BHATNAGAR (CCMP, INDIA) TITLE:- CHITOSAN/COS IN TISSUE ENGINEERING AND DRUG DELIVERY	2:40PM – 3:00PM	IL-21: DR. V. SHANMUGAM (ICAR-IARI, NEW DELHI, INDIA) TITLE:- USE OF CHITINOLYTIC BIOCONTROL AGENTS FOR MANAGEMENT OF VASCULAR WILT OF TOMATO

3:05PM – 3:25PM	IL-17: MR. WILLI PAUL (SCTIMST, INDIA) TITLE:- APPLICATION OF CHITOSAN IN WOUND HEALING AND DRUG DELIVERY	3:00PM – 3:15PM	26 OP-EY-2: DR. MITSUHIRO UEDA (OSAKA PREFECTURE UNIVERSITY, JAPAN) TITLE:- CLONING AND EXPRESSION OF CHITIN HYDROLYZING ENZYME GENES FROM <i>EISENIA FETIDA</i>
3:25PM – 3:45PM	IL-18: DR. RAMJEE PALLELA (IKP KNOWLEDGE PARK, INDIA) TITLE:- FUNDING SCENARIO FOR LIFE SCIENCES START-UPS: BIG SCHEME AS STEPPING STONE FOR ENTREPRENEURSHIP	3:15PM – 3:30PM	27 OP-BT-8: DR. NIDHI PAREEKA TITLE:- PRODUCTION OF BIOACTIVE CHITTOOLIGOSACCHARIDES FROM CHITINASE DERIVED FROM THERMOPHILIC FUNGI
3:30PM - 3:45PM		3:30PM - 3:45PM	28 OP-AG-1: DR. S. G. DALVI TITLE:- INTENSIFIED BIOLOGICAL PROPERTIES OF CHITOSAN UPON GAMMA IRRADIATION
3:46PM – 4:00PM	TEA BREAK		
4:00PM	BOAT TRIP WITH DINNER		

DAY-3 SEPTEMBER 30TH

SESSION-VII

Venue: 3rd Floor

HALL-1

(MEDICAL, PHARMACEUTICAL,

TRANSLATIONAL RESEARCH & ENTREPRENEURSHIP)

TIME	SESSION-VI I Chair: DR. HIROSHI TAMURA
9:00AM – 9:30AM	PL-5: DR. S. MEENAKSHI (GANDHIGRAM RURAL INSTITUTE, DINDUGAL, INDIA) TITLE: - REMOVAL OF TOXIC IONS USING THE DERIVATIVES OF CHITIN AND CHITOSAN.
9:30AM – 9:55AM	KN-7: DR. JESSICA AMBER JENNINGS (UNIVERSITY OF MEMPHIS, USA) TITLE:- STIMULI-RESPONSIVE DRUG RELEASE FROM CHITOSAN
9:55AM -10:15AM	IL-22: DR. M. SABITHA (AMRITA SCHOOL OF PHARMACY, KOCHI, INDIA) TITLE:- CHITIN NANOGEL FOR TOPICAL DELIVERY OF ANTI-PSORIATIC DRUGS
10:15AM -10:35AM	IL-23: DR. KAZUO AZUMA (TOTTORI UNIVERSITY, JAPAN) TITLE:- BIOMEDICAL APPLICATION OF CHITIN NANOFIBERS FOR SKIN
10:35AM – 10:55AM	TEA BREAK
11:00AM – 11:20AM	Chair: DR. JOTHIVENKATACHALAM IL-24: DR. K. SUBRAMANIAN (BANNARI AMMAN INSTITUTE OF TECHNOLOGY, INDIA) TITLE:- CHITOSAN AND MODIFIED CHITOSAN AS DRUG CARRIERS IN PHARMACEUTICAL APPLICATIONS

11:20AM – 11:35AM	<p align="center">IL-25: DR. SUSEELA MATHEW (CIFT, KOCHI, INDIA)</p> <p align="center">TITLE: - APPLICATION OF CHITINS IN FOOD, AGRICULTURE AND FISHERIES-A STATE OF THE ART REVIEW.</p>
11:35AM – 11:50AM	<p align="center">29 OP-M-1: DR. YOSHIHARU OKAMOTO</p> <p align="center">TITLE: - ANTITUMOR EFFECTS OF ORALLY ADMINISTERED CHITINOUS OLIGOSACCHARIDES ON CANINE SPONTANEOUS TUMORS.</p>
11:50AM – 12:05PM	<p align="center">30 OP-M-8: DR. P. K. BINSI</p> <p align="center">TITLE: - CHARACTERISATION OF WATER-SOLUBLE CHITOSAN HYDROGEL FOR COSMETIC APPLICATIONS.</p>
12:05PM – 12:20PM	<p align="center">31 OP-PH-1: DR. NILADRI SEKHAR CHATTERJEE</p> <p align="center">TITLE:- APPLICATION OF VANILLIC ACID GRAFTED CHITOSAN DERIVATIVE IN MICROENCAPSULATION OF B-CAROTENE: STABILITY, RELEASE KINETICS AND BIOAVAILABILITY</p>
12:20PM – 12:35PM	<p align="center">32 OP-PH-4: DR. N. SUBRAMANIAN</p> <p align="center">TITLE:- DEVELOPMENT AND EVALUATION OF CHITOSAN STABILIZED CAMPTOTHECIN NANOEMULSIONS FOR THE EFFECTIVE TREATMENT OF BREAST CANCER</p>
12:35PM – 12:50PM	<p align="center">33 OP-TRE-1: DR. A. JEYAKUMARI</p> <p align="center">TITLE:- EFFECT OF CHITOSAN AND OREGANO ESSENTIAL OIL ON THE OXIDATIVE STABILITY OF FISH OIL ENCAPSULATES</p>
12:50PM – 1:40PM	<p align="center">LUNCH Venue: 3rd Floor</p>

SESSION-VIII

NANOTECHNOLOGY

TIME	SESSION-VIII Chair: Dr. RAJA BISWAS
1:40PM – 2:05PM	KN-8: DR. SHINSUKE IFUKU (TOTTORI UNIVERSITY, JAPAN) TITLE:- PREPARATION OF A PROTEIN–CHITIN NANOFIBER COMPLEX FROM CRAB SHELLS AND ITS APPLICATION AS A REINFORCEMENT FILLER OR SUBSTRATE FOR BIOMINERALIZATION
2:05PM – 2:25PM	IL-26: DR. PRADIP KUMAR DUTTA (MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD, INDIA) TITLE:- NANO TO QUANTUM DOTS: A PARADIGM WRT CHITOSAN
2:25PM – 2:40PM	34 OP-NT-1: DR. SUNIL DALVI TITLE:- SYNTHESIS AND CHARACTERIZATION OF CHITOSAN-SILVER NANO-COMPOSITE AND ITS POTENTIAL APPLICATION IN SUGARCANE MICROPROPAGATION
2:40PM – 3:00PM	35 OP-NT-3: DR. S. VISNUVINAYAGAM TITLE:- ZINC OXIDE NANO PARTICLES INCORPORATED CHITOSAN GEL: CHARACTERIZATION AND ANTIMICROBIAL ACTIVITY
3:00PM – 3:15PM	36 OP-NT-4: DR. R. SENTHIL KUMAR TITLE: - COMPARATIVE EVALUATION OF COMPRESSIVE STRENGTH, FLEXURAL STRENGTH, & FLUORIDE RELEASE OF NANOCHITOSAN MODIFIED GLASS IONOMER CEMENT WITH CONVENTIONAL GIC.
3:15PM – 3:30PM	37 OP-NT-5: DR.SIREESHA ABBURI TITLE:- COMPARATIVE EVALUATION OF FRACTURE RESISTANCE OF ROOT DENTIN USING CALCIUM HYDROXIDE, NANOCALCIUM HYDROXIDE, CHITOSAN AND NANOCHITOSAN AS AN INTRACANAL MEDICAMENT- AN IN VITRO STUDY

3:30PM – 3:45PM	38 OP-NT-6: DR. JOYDEEP DUTTA TITLE:- PREPARATION AND CHARACTERIZATION OF CHITOSAN-BENTONITE NANOCOMPOSITE FILMS FOR WOUND HEALING APPLICATION
3:45PM – 4:00PM	39 OP-NT-7: DR. SHILPA SHARMA TITLE:- GREEN' CHITOSAN-METAL NANOCOMPOSITES AS ANTIBACTERIAL AND ANTI-CELL PROLIFERATIVE AGENTS
4:00PM – 4:15PM	TEA BREAK
4:15PM – 5:00PM	VALEDICTORY FUNCTION Venue: 3rd Floor
5:00PM	CERTIFICATE DISTRIBUTION Venue: 3rd Floor

DAY-1 SEPTEMBER 28TH

POSTER SESSION-A

**(CHEMISTRY, ENZYMOLOGY, BIOTECHNOLOGY,
ENVIRONMENTAL & AGRICULTURE)**

S.NO	REF.NO	NAME & TITLE
1.	PP-C-1	DAIKI KOMOTO ATOM TRANSFER RADICAL POLYMERIZATION OF ACRYLAMIDE ONTO CHITOSAN-BMPA SALT
2.	PP-C-2	SUDHEER RAI ANTIBACTERIAL, ANTIOXIDANT AND ANTI-QUORUM SENSING ACTIVITIES OF CHITOSAN FILM CONTAINING BIOACTIVE PHENOLIC COMPOUNDS
3.	PP-C-4	AKHILESH PAL CHITOSAN EXTRACTION FROM MUGA SILKWORMS AND ITS EFFECT ON THERMAL DEGRADATION OF POLY(LACTIC ACID) FILMS

4.	PP-C-5	C. RAJA MOHAN ULTRASONIC VELOCIMETRY STUDIES OF DIFFERENT SALTS OF CHITOSAN: EFFECT OF ION SIZE
5.	PP-C-6	H. THAGIRA BANU ONE POT SYNTHESIS OF CHITOSAN GRAFTED QUATERNIZED RESIN FOR THE REMOVAL OF NITRATE AND PHOSPHATE FROM AQUEOUS SOLUTION
6.	PP-C-7	PRACHI BANGDE GREENER APPROACH FOR SYNTHESIS OF TRIMETHYL CHITOSAN
7.	PP-C-8	HOANG NGOC CUONG HIGH PURITY AND HIGH MOLECULAR WEIGHT B-CHITIN FROM SQUID PENS (<i>LOLIGOCHENISIS</i>)
8.	PP-C-9	NGUGEN CONG MINH PREPARATION OF SELF-DISSOLVING CHITOSAN USING CONCENTRATED LACTIC ACID
9.	PP-C-10	R. PALANI MODIFIED CHITOSAN/ POLYETHYLENE GLYCOL/GLUTARALDEHYDE BLEND FOR ENHANCED SORPTION OF Ni(II) FROM AQUEOUS SOLUTION: EQUILIBRIUM AND KINETIC STUDIES
10.	PP-C-11	P. AJITHA REMOVAL OF TOXIC HEAVY METAL LEAD USING CHITOSAN OLIGOSACCHARIDE-GRAFT- MALEIC ANHYDRIDE/SILK FIBROIN COMPOSITE
11.	PP-C-12	M. R. GOPAL REDDI ADSORPTION AND KINETIC STUDIES ON THE REMOVAL OF CHROMIUM AND COPPER ONTO CHITOSAN-g- MALIEC ANHYDRIDE-g-ETHYLENE DIMETHACRYLATE
12.	PP-C-13	R. LAVANYA ADSORPTIVE REMOVAL OF COPPER (II) AND LEAD (II) USING CHITOSAN-g- MALEIC ANHYDRIDE-g-METHACRYLIC ACID COPOLYMER

13.	PP-C-14	G. GOWRI STUDY ON THE EFFECT OF CROSSLINKING AS THE PHYSICAL PROPERTIES OF CHITOSAN AND POLY PROPYLENE GLYCOL BLEND
14.	PP-EY-1	SOUMYADEV SARKAR STRUCTURAL INSIGHTS INTO A CHITIN DEACETYLASE, OVER-EXpressING UNDER NITROGEN LIMITATION IN CRYPTOCOCCUS LAURENTII STRAIN RY1
15.	PP-EY-2	M. RAJESH RAO CHITOLIGOSACCHARIDES FROM SOLID STATE FERMENTATION OF DIFFERENT CRYSTALLINE CHITIN USING CHITINOLYTIC MICROORGANISMS.
16.	PP-BT-2	S. R. MANE PRODUCTION OF CHITOSAN USING AGRICULTURALLY IMPORTANT FUNGI
17.	PP-BT-3	RAVAL RITU SCALE-UP STUDIES OF RECOMBINANT BACILLUS LICHENIFORMIS CHITIN DEACETYLASE IN E.COLI ROSSETTA CELLS
18.	PP-BT-4	K. V. VISHNU CO-ENCAPSUALTION OF BETALAIN AND PUFA THROUGH WATER IN OIL IN WATER (W/O/W) MULTIPLE EMULSIFICATION, FOLLOWED BY SPRAYDRYING-STABILIZATION WITH CHITOSAN-WHEY PROTEIN EMULSIFIER CONJUGATE
19.	PP-BT-6	H.M. SHIVAMURTHY CHITOLIGOSACCHARIDES MIXTURE HAVING HIGHER DEGREE OF POLYMERIZATION AS WELL AS DEGREE OF ACETYLATION IS THE BETTER CANDIDATE FOR POSSIBLE OSTEO IMMUNOMODULATORY EFFECT
20.	PP-BT-7	C. S. TEJPAL DIETARY SUPPLEMENTATION OF THIAMINE AND PYRIDOXINE LOADED VANILLIC ACID GRAFTED CHITOSAN MICROSPHERES ENHANCES GROWTH PERFORMANCE, METABOLIC AND IMMUNE RESPONSES IN EXPERIMENTAL RAT MODEL

21.	PP-BT-8	V. MALAYAMAN CHITOSAN MEDIATED ENHANCEMENT OF PHYLLANTHIN AND HYPOPHYLLANTHIN IN <i>PHYLLANTHUS DEBILIS</i> KLEIN EX WILLD VIA PLANT CELL SUSPENSION CULTURE
22.	PP-BT-9	MANISHA GIRASE ECO-FRIENDLY METHOD FOR RECOVERY OF CHITIN USING BACTERIAL DEPROTEINIZATION AND DEMINERALIZATION FROM SHRIMP PROCESSING INDUSTRY WASTE
23.	PP-ENV-1	DR. A. SHAJAHAN COMPARATIVE STUDIES OF CHITOSAN AND ITS NANOPARTICLES FOR THE ADSORPTION EFFICIENCY OF VARIOUS DYES
24.	PP-ENV-2	DR. S. IGNACIMUTHU COMPARATIVE STUDIES OF TPP AND GLUTERALDEHYDE CROSS-LINKED CHITOSAN-BOTANICAL PESTICIDE NANOPARTICLES AND THEIR AGRICULTURAL APPLICATIONS
25.	PP-ENV-3	ANITA SHEKHAWAT REMOVAL OF Cd(II) AND Hg(II) FROM EFFLUENTS BY IONIC SOLID IMPREGNATED CHITOSAN
26.	PP-ENV-5	S. SD. ELANCHEZHIAN ADSORPTIVE REMOVAL OF CUTTING OIL FROM OIL-IN-WATER EMULSION USING CHITOSAN/HYDROTALCITE HYBRID COMPOSITE
27.	PP-ENV-6	S. J. LALY CADMIUM AND LEAD REMOVAL EFFICIENCY OF CHITOSAN WITH DIFFERENT DEGREE OF DEACETYLATION IN FLAKE AND BEAD FORM
28.	PP-ENV-8	N. KALANE SYNERGISTIC EFFECT OF HETERO AND HOMO CATALYSTS ON THE SYNTHESIS OF 5-HYDROXYMETHYLFURFURAL FROM CHITOSAN
29.	PP-ENV-9	H. HERNÁNDEZ-COCOLETZI CHITOSAN-BASED COMPOSITE FOR ADSORBING CAFFEINE
30.	PP-ENV-10	M.SARANYA ADSORPTION STUDIES OF LEAD(II) FROM AQUEOUS SOLUTION ONTO NCS/PU/PPG

31.	PP-ENV-11	S.GOKILA REMOVAL OF THE HEAVY METAL ION CHROMIUM (VI) USING CHITOSAN AND ALGINATE NANOCOMPOSITES
32.	PP-ENV-12	R. MENAKA EVALUATION OF CHITOSAN SCHIFF BASE AS AN ENVIRONMENT FRIENDLY CORROSION AND SCALE INHIBITOR
33.	PP-AG-1	MR. PRALHAD TAWAR EFFECT OF NORMAL AND IRRADIATED CHITOSAN ON POTATO TUBER YIELD
34.	PP-AG-2	KUMARASWAMY R.V BIOACTIVITY OF CHITOSAN BASED NANO-MATERIAL IN PLANTS
35.	PP-AG-3	SHASHIKANT N. JOSHI APPLICATION OF CHITOGRO HYDRO- GEL FOR AGRI-PRODUCE

DAY-2 SEPTEMBER 29TH

POSTER SESSION-B

(NANOTECHNOLOGY, MEDICAL, PHARMACEUTICAL, & TRANSLATIONAL RESEARCH)

S.NO	REF.NO	NAME & TITLE
1.	PP-NT-1	MADHU KASHYAP EFFECT OF CINNAMON OIL ENCAPSULATION IN CHITOSAN/ALGINATE NANO BEADS FOR FOOD PACKAGING APPLICATION
2.	PP-NT-2	HRIDYESH KUMAR IN-SITU GREEN SYNTHESIS OF HIGHLY BIOCOMPATIBLE AND FLUORESCENT CdSE QDs IN L-CYSTEINE MODIFIED CHITOSAN
3.	PP-NT-3	RAMASWAMY SHANMUGAM FORMULATION AND CHARACTERIZATION OF CHITOSAN ENCAPSULATED CURCUMIN AND RUTIN NANOPARTICLES

4.	PP-NT-7	A. NITHYA A POTENTIAL ANTIMICROBIAL AND ANTICANCER ACTIVITY OF BIOGENIC CHITOSAN-COPPER NANOCOMPOSITE
5.	PP-NT-9	J. BALAJI CORROSION PROTECTION OF CHITOSAN-DOPED-HYBRID/TIO ₂ NANOCOMPOSITE BASED SOL-GEL COATING OVER ALUMINUM METAL IN 3.5% NaCl MEDIUM
6.	PP-NT-10	R. A. KRISHNAN PROTECTIVE NATURE OF LOW MOLECULAR WEIGHT CHITOSAN IN A CHITOSAN-AMPHOTERICIN B NANOCOMPLEX
7.	PP-NT-11	SELVAM SATHIYA VIMAL NOVEL NANO-CRYSTALLINE HYDROXYAPATITE SYNTHESIZED BY <i>KLEBSIELLA PNEUMONIAE</i> ON COMPOSITE WITH GELATIN / CHITOSAN-FIBRIN- BONE ASH FOR BONE TISSUE ENGINEERING
8.	PP-NT-12	R. P. SENTHIL KUMAR ENHANCED BIOACTIVITY OF CHITOSAN DOPED CERICUM OXIDE (CHI-CEO ₂) NANOPARTICLES - AN ANTIBACTERIAL STUDY
9.	PP-NT-13	GAURAV BARANWAL TREATMENT OF STAPHYLOCOCCUS AUREUS INFECTION USING CHITOSAN-PRP NANO TIGECYCLINE COMPOSITE HYDROGEL IN DROSOPHILA MELANOGASTER MODEL
10.	PP-NT-14	K. VIJAYA LAKSHMI ADSORPTION AND DESORPTION STUDIES OF LEAD (II) IONS ON NANOCHITOSAN/SODIUM ALGINATE/ MICROCRYSTALLINE CELLULOSE BEADS
11.	PP-NT-15	P. ANGELIN VINODHINI FTIR, XRD AND DSC STUDIES OF NANOCHITOSAN, CELLULOSE ACETATE AND POLYETHYLENE GLYCOL BLEND ULTRAFILTRATION MEMBRANES
12.	PP-NT-16	T. GOMATHI FABRICATION OF LETROZOLE FORMULATION USING CHITOSAN NANOPARTICLES THROUGH IONIC GELATION METHOD

13.	PP-NT-18	T. S. SARANY SYNTHESIS AND CHARACTERISATION OF CHITOSAN AND CURCUMIN CONJUGATED NANOSPHERES FOR THE TREATMENT OF INFECTIOUS DISEASE.
14.	PP-M-2	D. NANCY VANCOMYCIN LOADED O-CARBOXYMETHYL CHITOSAN – STRONTIUM HYDROXYAPATITE SCAFFOLD FABRICATED ON CP-TI FOR OSTEOMYELITIS TREATMENT
15.	PP-M-3	A. SATHIYASEELAN FUNGAL CHITOSAN BASED NANOCOMPOSITE SPONGES FOR ALTERNATIVE MEDICINE FOR WOUND DRESSING
16.	PP-M-4	A. SIVASHANMUGAM INJECTABLE NANO-COMPOSITE HYDROGELS FOR CRANIOFACIAL BONE DEFECTS
17.	PP-M-5	VIGNESH SELVAPRITHIVIRAJ INJECTABLE DEFEROXAMINE NANOPARTICLES LOADED CHITOSAN-HYALURONIC ACID COMPOSITE HYDROGEL FOR THERAPEUTIC ANGIOGENESIS
18.	PP-M-6	B. SURUMI SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL PROPERTIES OF CHITOSAN/POLY-L- LACTIC ACID NANOCOMPOSITE FILM
19.	PP-M-7	H. HERNÁNDEZ-COCOLETZI CHITOSAN-HYDROXIAPATITE MEMBRANES FOR BONE REGENERATION AFTER REMOVAL OF MANDIBULAR THIRD MOLARS. CONTROLLED CLINICAL TRIAL.
20.	PP-M-8	SAI NITHYA ROLE OF LYSOSTAPHIN-CHITOSAN GEL IN PREVENTING <i>STAPHYLOCOCCUS AUREUS</i> SKIN AND CATHETER-RELATED INFECTIONS
21.	PP-M-9	T. REVATHI SYNTHESIS OF CHITOSAN INCORPORATED NEEM SEED EXTRACT (AZADIRACHTA INDICA) FOR MEDICAL TEXTILES

22.	PP-PH-1	S. ELBI MACROPHAGE TARGETED FUCOIDAN COATED NANO DRUG DELIVERY SYSTEMS FOR THE TREATMENT OF SALMONELLA INFECTIONS.
23.	PP-PH-2	A. İŞILAY ÖZDOĞAN IN VITRO EVALUATION OF ANTIINFLAMMATORY EFFECT OF LOCALLY DELIVERED ATORVASTATIN FOR TREATMENT OF PERIODONTAL POCKET
24.	PP-PH-3	SPYRYDONOV VLADYSLAV DEVELOPMENT OF TOPICAL HEMOSTATIC AGENTS BASED ON NATURAL POLYMER CHITOSAN
25.	PP-PH-4	TANVI JAIN SUSHIL KUMAR CURCUMIN LOADED AMINOETHYLCHITIN AS A NOVEL NANO CARRIER FOR DRUG DELIVERY
26.	PP-PH-6	SAIKAMAL SAMUDRALA ELECTROSPUN NANOFIBERS OF POLYCAPROLACONE FOR THE LOCAL DELIVERY OF SIMVASTATIN IN THE TREATMENT OF DIABETIC WOUNDS
27.	PP-PH-7	PREETY RAO INCREASED BIOAVAILABILITY OF TENOFOVIR USING CHITOSAN/GELLAN COMPOSITE FOR BETTER ANTI- HIV THERAPY
28.	PP-PH-8	DR. LEKSHMI R.G.KUMAR COMPARATIVE EVALUATION OF CHITOSAN/CHITOSAN-WHEY PROTEIN ISOLATE AS WALL MATERIALS FOR MICROENCAPSULATION OF SQUALENE USING SPRAY DRYING FOR FOOD APPLICATION
29.	PP-PH-9	DR. K. SARIKA PROPERTIES AND RELEASE CHARACTERISTICS OF SPRAY DRIED SQUID FLAVOR-CHITOSAN MICROCAPSULES
30.	PP-PH-11	SAURABH PATIL COMPARISON BETWEEN LIQUID AND SOLID ACID CATALYSTS FOR PRODUCTION OF LOW MOLECULAR WEIGHT CHITOSAN

31.	PP-PH-12	DR. SHEENA DEVASIA CHITOSAN NANOPARTICLES FOR ORAL DELIVERY OF INSULIN
32.	PP-PH-13	SREEJA C NAIR CHITOSAN - EUDRAGIT MAGNETIC MICROSPHERES OF SULFASALAZINE FOR COLON DRUG DELIVERY
33.	PP-PH-14	RAJITHA PANONNUMMAL IN VITRO AND IN VIVO EVALUATIONS OF CLOBETASOL LOADED CHITIN NANO GEL FOR TOPICAL DELIVERY IN PSORIASIS
34.	PP-PH-16	DIVYA GOPINATH COMBINATORIAL EFFICACY OF SYNTHETIC AND NATURAL ANTIPSORIATIC DRUG LOADED CHITIN NANO GEL IN MOUSE TAIL MODEL
35.	PP-PH-17	SARAVANAKUMAR PANDIAN CO ENCAPSULATED RESVERATROL AND QUERCETIN IN CHITOSAN AND PEG MODIFIED CHITOSAN NANOPARTICLES: FOR EFFICIENT INTRA OCULAR PRESSURE REDUCTION
36.	PP-TRE-1	K. K. MOHAMED KABEER AXIOSTAT ® , A NEW GENERATION HAEMOSTATIC DRESSING FOR CONTROLLING ACUTE HAEMORRHAGE IN ACCIDENT VICTIMS: A CLINICAL.
37.	PP-TRE-2	MOHAN NEETHU CHITOSAN-HYALURONIC ACID HYDROGEL FOR CARTILAGE REPAIR