

“National Symposium on Impact of Emerging Toxic Chemicals on Humans, Plants, Diseases and Sustainable Development” (IETC 2016) and 36th Annual Session of Academy of Environmental Biology (November 25-27, 2016)

Jamia Hamdard (Hamdard University), Hamdard Nagar
New Delhi – 110062

VENUE: HAMDARD CONVENTION CENTRE (HCC)
JAMIA HAMDARD

TECHNICAL PROGRAMME

DAY 1 – NOVEMBER 25, 2016 (FRIDAY)				
8:00 – 9:45 am	REGISTRATION			HCC
10:00 – 11:24 am	INAUGURAL PROGRAMME KEYNOTE ADDRESS Speaker – Prof. P.K. Seth IMPACT OF EMERGING CHEMICALS ON DEVELOPING BRAIN			HCC -I
11:30 am – 12:00 noon	HIGH TEA			HCC
12:00–12:30 pm	13th Dr. RC DALELA ORATION - 2016 Chair: Prof. P.K. Seth, Dr. Ajay K. Pandey Speaker – Dr. H.N. Dutta			HCC -I
	EARTHQUAKE PRECURSOR: MULTIDISCIPLINARY APPROACH			
12:30 – 1:00 pm	Technical Session – I Chair: Dr. Krishna Gopal, Dr. P.V. Mohanan			HCC -I
	IL-05	Prof. M Serajuddin	GENETIC DIVERSITY IN SUSTAINABLE FISHERIES MANAGEMENT	
	IL-01	Dr. Krishna Gopal	BIODIVERSITY OF FRESH WATER AND HABITAT TELEOST IN THE NATURAL RESERVOIRS OF UTTAR PRADESH	
1:00 – 2:15 pm	LUNCH AND NETWORKING BREAK			
2:30 – 5:00 pm	POSTER SESSION – I PP-01, PP-02, PP-03, PP-06, PP-07, PP-20, PP-22, PP-23, PP-24, PP-27, PP-28, PP-31, PP-33, PP-34, PP-35, PP-37, PP-39, PP-40, PP-42, PP-43			
2:30 – 3:00 pm (HCC-I)	PLENARY LECTURE SESSION - I Chair: Prof. Farhan J. Ahmad, Dr. B. Dinesh Kumar Speaker – Dr. K.M. Chacko, Director, Sriram Institute for Industrial Research, Delhi THE HIDDEN DANGERS OF TOXIC WORLD			
3:00 – 4:00 pm	Technical Session – II Chair: Prof. B.D. Banerjee, Prof. S.K. Jain			

	IL-08	Prof. B.D. Banerjee	GENE-ENVIRONMENT INTERACTION IN ADVERSE HEALTH OUTCOMES WITH SPECIAL REFERENCE TO CHEMICAL EXPOSURE: BIOLOGICALLY VALID PATHWAY OR ARTIFACTS?	HCC -I
	IL-09	Prof. S.K. Jain	CANCER PROTEOMICS: IMPLICATION FOR DISCOVERY OF DIAGNOSTIC BIOMARKERS	
	OP-01	Prof. P. Dhar	EVIDENCE OF ANTIOXIDANT (AOX) INDUCED MODULATION OF CALCIUM BINDING PROTEIN (CaBP) EXPRESSION IN RAT CEREBELLUM FOLLOWING SODIUM ARSENITE EXPOSURE	
	OP-04	Astitva Anand	DETECTION OF MUCONIC ACID AND S-PHENYL MERCAPTOPYRURIC ACID AS URINARY BIOMARKERS OF BENZENE EXPOSURE	
	OP-09	Tusha Sharma	GENE ENVIRONMENT INTERACTION AND RISK OF EPITHELIAL OVARIAN CANCER	
3:00 – 4:00 pm	Technical Session – II Chair: Prof. S.N. Das, Dr. Virendra Mishra			
	IL-11	Prof. S.N. Das	CINNAMOMUM ZEYLANICUM: A POTENT ANTITUMOR AND ANTIINFLAMMATORY AGENT	HCC-II
	IL-12	Dr. Alok K. Pandey	NANOMATERIAL TOXICOLOGY: METHODS AND CHALLENGES	
	OP-10	Dr. Shahla Faizan	DIFFERENTIAL CADMIUM STRESS TOLERANCE IN FIVE MEDICINAL PLANTS: AN EVALUATION OF THE ROLE OF ANTIOXIDANT MACHINERY	
	OP-14	Dr. Shazia Parveen	RECENT DEVELOPMENTS IN PRECLINICAL STUDIES OF POLYMERIC CHEMOTHERAPEUTICS FOR IMPROVED DELIVERY OF ANTICANCER AGENTS	
	OP-12	Wasifa Muzaffar	TOXIC COMPOUNDS PRESENT IN DRUGS	
4:00 – 4:30 pm	TEA BREAK			
4:30 – 6:00 pm	Technical Session – III Chair: Dr. V.P. Sharma, Dr. G.S.D. Gupta			
	IL-21	Dr. V.P. Sharma	FLAME RETARDANTS AND PLASTICIZERS: IMPORTANCE OF ECOFRIENDLY PLASTIC ADDITIVES	HCC-I
	IL-24	Prof. R.L. Singh	PHYTOMITIGATION OF TOXIC EFFECTS OF XENOBIOTICS	
	OP-17	Anupam	DELTAMETHIRIN A SYNTHETIC	

		Kumar	PYRETHROIDS AND IT'S HAZARDOUS EFFECT ON VERTEBRATES: A REVIEW	
	OP-19	Dr. Monika Asthana	OPANTIBACTERIAL ACTIVITY OF SPECIFIC MEDICINAL PLANT EXTRACTS WITH AND WITHOUT CEFOTAXIME	
4:30 – 6:00 pm	Technical Session – IV Chair: Dr. Alok K. Pandey, Dr. Suhel Parvez			
	IL-10	Dr. P.V. Mohanan	TOXICITY OF PEGYLATED REDUCED GRAPHENE OXIDE IN SWISS ALBINO MICE	HCC-II
	IL-26	Prof. S. Dwivedi	TOBACCO THE PRESENT DAY SILENT KILLER	
	OP-02	Dr. Syed Shafi	MARINE NATURAL PRODUCTS IN DRUG DISCOVERY	
	OP-03	Dr. M. Samim	SIZE AND SHAPE DEPENDENT TOXICITY OF NANOPARTICLES	
	OP-05	Dr. Sushma Sharma	THE EFFECT OF ALCOHOL ON YOUNG GENERATION	
	OP-07	Dr. Manendra Kumar	IMPACT OF CHEMICAL PESTICIDES ON HUMAN HEALTH	
7:00 pm	CULTURAL PROGRAMME “RAINBOW BLOSSOMS” (A colourful multicultural extravaganza) Venue: Auditorium Hamdard Archives Research Centre			
9:00 pm	DINNER VENUE: HAMDARD CONVENTION CENTRE			
DAY 2 – NOVEMBER 26, 2016 (SATURDAY)				
9:30 -11:30 am	Technical Session – V Chair: Prof. P. Pardha-Saradhi, Dr. T.O. Siddiqui			
	IL-02	Prof. P. Pardha-Saradhi	HERBICIDE TOLERANT BARNASE-BARS-TAR GENETICALLY ENGINEERED INDIAN MUSTARD HYBRIDS WOULD BE A THREAT TO BIODIVERSITY WEALTH	HCC-I
	IL-03	Dr. Malti Goel	ENVIRONMENT CHEMICALS AND CLIMATE CHANGE: RECENT TRENDS IN HEALTH IMPACT RESEARCH	
	IL-04	Prof. Javed Ahmad	SIGNIFICANCE OF MEDICINAL PLANT BIODIVERSITY AND IMPACT OF DEGRADED ENVIRONMENT	
	IL-06	Prof. Altaf Ahmad	GENETICALLY ENCODED FRET-BASED NANOSENSORS FOR IN VIVO MEASUREMENT OF METABOLITES IN LIVING CELLS	
	OP-06	Dr. Naser Anjum	ASCORBATE AND GLUTATHIONE ROLE AND NUTRIENTS-MEDIATED MODULATION IN METAL-METALLOID-EXPOSED (CROP) PLANTS: AN APPRAISAL	

			OF THE LABORATORY/FIELD STUDY RESULTS	
9:30 -11:30 am	Technical Session – VI Chair: Prof. Tasneem Fatma, Dr. Shahid Umar, Prof. C.P.M. Tripathi			
	IL-23	Prof. Tasneem Fatma	CYANOBACTERIAL POLYHYDROXYBUTYRATE (PHB) AS A GOOD ENVIRONMENTALLY FRIENDLY SUBSTITUTE FOR NON BIODEGRADABLE PETROLEUM BASED PLASTICS	HCC-II
	IL-25	Dr. Shahid Umar	ASCORBATE AND GLUTATHIONE ROLE AND NUTRIENTS-MEDIATED MODULATION IN (CROP) PLANTS UNDER ABIOTIC STRESSES: AN APPRAISAL OF THE LABORATORY/FIELD STUDY RESULTS	
	OP-16	Prof. Madhu Tripathi	SEASONAL VARIATIONS IN PHYSICOCHEMICAL AND BACTERIOLOGICAL PARAMETERS OF GOMATI RIVER AT LUCKNOW, U.P.	
	OP-18	Syed Shabih Hassan	WATER QUALITY OF RIVER SATLUJ IN AND AROUND LUDHIANA REGION (PUNJAB)	
	OP-20	Dr. Ram Babu Singh	CONFIRMATION OF SEED CAKE POLYSACCHARIDE STRUCTURE FROM MEDICINAL PLANTS OF <i>MADHUCA LONGIFOLIA</i> LINN. BY PERIODATE OXIDATION STUDIES	
11:30 – 12:00 noon	TEA BREAK			
11:00 – 3:00 pm	POSTER SESSION – II PP-04, PP-05, PP-08, PP-09, PP-10, PP-11, PP-12, PP-13, PP-14, PP15, PP-16, PP-17, PP-18, PP-19, PP-21, PP-25, PP-26, PP-29, PP-30, PP-32 PP-36, PP-38, PP-41, PP-44			
12:00 – 1:30 pm	Technical Session – VII Chair: Dr. N.K. Chaudhury, Prof. Nilanjan Saha			
	IL-17	Dr. B. Dinesh Kumar	POLLUTANTS NUTRITION INTERACTIONS AND IMPACT ON HEALTH	HCC-I
	IL-18	Dr. Haider A. Khan	IN VIVO ANTI-ARTHRITIC EFFICACY OF <i>CAMELLIA SINENSIS</i> (L.) IN COLLAGEN INDUCED ARTHRITIS	
	IL-19	Dr. Paban K. Agarwala	HDACI AS POTENTIAL RADIOMITIGATORS	
	IL-20	Dr. N.K. Chaudhury	RADIATION COUNTERMEASURES DEVELOPMENT: CHALLENGES AND OPPORTUNITIES	
	OP-11	Dr. Heena Tabassum	MELATONIN PROVIDES NEUROPROTECTION AGAINST NONYLPHENOL INDUCED	

			TOXICITY IN RAT BRAIN	
	OP-13	Mrinalini Tiwari	EFFECTS OF RADIATION ON CHROMOSOME REPLICATION AND ITS MODIFICATION BY HDAC INHIBITORS	
	OP-21	Shikha Sharma	INTERACTIONS OF BISPHENOL A WITH PEROXISOME PROLIFERATOR ACTIVATED-RECEPTORS (PPARS)	
	OP-22	Shahzad Ahmad	HISTOPATHOLOGICAL EFFECTS OF PHTHALATES ON ADRENAL GLAND OF MALE RATS	
12:00 – 1:30 pm	Technical Session – VIII Chair: Prof. Madhu Tripathi, Prof. R.L. Singh			
	IL-22	Dr. Anand Mohan	POLYHYDROXYBUTYRATE MATRIX BASED ADVANCED NANOCOMPOSITE FILMS FOR ENVIRONMENTAL AND BIOMEDICAL APPLICATIONS	HCC-II
	IL-07	Dr. Ajay K. Pandey	HISTOPATHOLOGICAL CHANGES IN PROLACTIN CELLS OF <i>CHANNA PUNCTATUS</i> (BLOCH) EXPOSED TO SUBLETHAL CONCENTRATION OF CARBARYL AND CARTAP	
	OP-08	Dr. Imtiaz Ahmed	DIETARY TOTAL AROMATIC AMINO ACID REQUIREMENT AND TYROSINE REPLACEMENT VALUE FOR PHENYLALANINE IN STINGING CATFISH, <i>HETEROPNEUSTES FOSSILIS</i> (BLOCH-1974) FINGERLING	
	OP-15	Dr. D.K. Meena	UTILISATION OF BREWERY WASTE AS A FEED INGREDIENT FOR <i>CATLA CATLA</i> IN ENCLOSURE CULTURE	
1:30 – 2:15 pm	LUNCH BREAK			
2:30 - 3:00 pm (HCC-I)	PLENARY LECTURE SESSION – II Chair: Prof. Arunabha Ray Speaker – Prof. A.K. Dinda, Department of Pathology, All India Institute of Medical Sciences, New Delhi NANOTOXICITY AND HUMAN HEALTH: THE CHALLENGES AHEAD			
3:00 – 3.45 pm (HCC-I)	PANEL DISCUSSION GLP Compliance in Pre-clinical Toxicity Testing of Drugs and Chemicals: India Scenario Moderator: Prof. Y.K. Gupta, AIIMS <u>Panel Members</u> Prof. C.L. Kaul, Former and Founder Director, NIPER, Mohali			

	<p>Dr. Ekta Kapoor, National GLP Compliance Monitoring Authority (NGCMA) Prof. A.K. Dinda, AIIMS Prof. Nilanjan Saha, Jamia Hamdard Dr. P.D. Dwivedi, CSIR-IITR, Lucknow Prof. S. Raisuddin, Jamia Hamdard</p> <p>[Prof. Y.K. Gupta to decide format of discussion]</p>		
3:45 – 4:00 pm	TEA BREAK		
4:00 – 5:00 pm	Technical Session – IX Chair: Prof. A.K. Dinda, Prof. Divya Vohora		
	IL-13	Prof. Arunabha Ray	RECENT STUDIES ON DRUG AND XENOBIOTIC INDUCED TOXICITY
	IL-14	Prof. Nilanjan Saha	ENVIRONMENTAL ASSESSMENT OF HUMAN DRUGS
	IL-15	Prof. Divya Vohora	DRUG-INDUCED OSTEOPOROSIS: MECHANISMS AND PREVENTIVE STRATEGIES FOR ANTIEPILEPTIC AND AROMATASE INHIBITORS ASSOCIATED OSTEOPOROSIS IN MURINE MODELS
	IL-16	Dr. Amit Marwah	HEALTH HAZARDS OF SELF-MEDICATION, AN UNCHARTERED ARENA
	IL-27	Dr. P.D. Dwivedi	GM FOOD SAFETY ISSUES AND OUR EXPERIENCE ON THIS ISSUE
5:00 – 6:00 pm	BEST RESEARCH PAPER MEDAL SESSION (Researchers below age of 30 will be eligible. Dr. Amit Pal, Jhansi will be Coordinator of the Session)		
6:00 pm	VALEDICTORY SESSION (Distribution of Certificates, Awards, Mementoes)		
	DAY 3 – NOVEMBER 27, 2016 (SUNDAY) Free Day The following activities are proposed depending on interest of delegates: 1. Visit to Department of Medical Elementology & Toxicology laboratories. 2. Visit to special research and training facilities (BD-JH FACS Academy, Nanomedicine Research Laboratory) 3. Delegates may plan their excursion to city.		
Notes:			
1. Dr. Suhel Parvez, Co-organizing Secretary will be in-charge of all presentations (oral and poster). He may be contacted at sparvez@jamiahamdard.ac.in , Phone: 09811992142. Volunteers of his team may be given pen drives for ppt and may be contacted for poster presentation assistance. Ppt can also be sent by e-mail to him. 2. Chair and co-chair and plenary speakers may please give a brief profile to Dr. Suhel for introduction purpose. 3. Normally invited speakers will get 12-15 min and oral presentation speakers 10 min. 4. There will be three prizes for Posters. It will be mandatory for delegates to be at their posters. 5. Please do not request for change in schedule of presentation.			

Abdi SAH: PP-25	Gupta R: PP-38	Rana K: PP-23
Afjal MA: PP-44	Habib H: PP-05	Rani V: PP-22
Agrawala PK: IL-19	Haq I: PP-37	Rasheed MZ: PP-19
Ahmad A: IL-06	Haritwal T: PP-10	Ray A: IL-13
Ahmad I: PP-08	Hassan SS: OP-18	Ray J: PP-43
Ahmad J: IL-04	Jain SK: IL-09	Sachdev S: PP-07
Ahmad M: PP-39	Kaalia R: PP-24	Saha N: IL-14
Ahmad S: OP-22	Kain TA: PP-31	Salman M: PP-15
Ahmed I: OP-08	Kaushik P: PP-12	Samim M: OP-03
Ameen S: PP-34	Khamis K: PP-32	Saradhi PP: IL-02
Amjad S: PP-42	Khan HA: IL-18	Serajuddin M: IL-05
Anand A: OP-04	Khatoon R: PP-13	Seth PK: KA-01
Andrabi SS: PP-11	Khatoon S: PP-14	Shafi S: OP-02
Anjum NA: OP-06	Kumar A (Anupam): OP-17	Shahid A: PP-41
Asthana M: OP-19	Kumar A: PP-28	Sharma S (Shikha): OP-21
Banerjee BD: IL-08	Kumar M: OP-07	Sharma S (Sushma): OP-05
Baxi H: PP-29	Kumar P: PP-33	Sharma T: OP-09
Chacko KM: PL-01	Kumar SN: PP-27	Sharma VP: IL-21
Chaudhary S: PP-16	KumarBD: IL-17	Sheikh E: PP-36
Chaudhury NK: IL-20	Liaqat S: PP-40	Shinkafi TS: PP-03
Choudhury A: PP-06	Marwah A: IL-16	Singh M: PP-30
Dar TA: PP-17	Mazahar S: PP-02	Singh RB: OP-20
Das SN: IL-11	Meena DK: OP-15	Singh RL: IL-24
Dhar P: OP-01	Mohan A: IL-22	Singh S: PP-26
Dinda AK: PL-02	Mohan PV: IL-10	Tabassum H: OP-11
Dutta HN: OR-01	More N: PP-01	Tiwari M: OP-13
Dwivedi PD: IL-27	Muzaffar W: OP-12	Tripathi M: OP-16
Dwivedi S: IL-26	Naaz F: PP-20	Umar S: IL-25
Faizan S: OP-10	Naseem M: PP-04	Vishnoi S: PP-18
Fatma T: IL-23	Pandey AK (Ajay Kumar): IL-07	Vohora D: IL-15
Frukh A: PP-35	Pandey AK (Alok Kumar): IL-12	
Gill JPK: PP-21	Parveen S: OP-14	
Goel M: IL-03		
Gopal K: IL-01		
Gupta N: PP-09		