



National Conference
on

Emerging Trends in Agricultural Sciences and its Impact on Sustainable livelihood

ETAS-2017

February 25-26, 2017

Venue: Shobhit University, Meerut, U.P. India

Organized by

Society for Scientific and Social Development (SSSD) Meerut, UP (INDIA) & Shobhit University, Meerut, UP (INDIA)



PROGRAMME - SCHEDULE

DAY - ONE

08.00 – 10.00 Hrs	Registration (SIET BUILDING RECEPTION AREA)	
10.00 – 12.00 Hrs	INAUGURAL SESSION (University Auditorium)	
12.00 – 12.30 Hrs	High Tea / Coffee (University Mess)	
12.30 – 14.00 Hrs	Technical Session – I (University Auditorium)	Technical Session – II (Board Room)
14.00 – 15.00 Hrs	LUNCH (University Mess)	
15.00 – 16.30 Hrs	Technical Session – III (University Auditorium)	Technical Session – IV (Board Room)
16.30 – 17.00 Hrs	Refreshments (University Mess)	

DAY - TWO

09.00 – 11.00 Hrs	Technical Session – V (University Auditorium)
11.00 – 11.30 Hrs	Tea / Coffee (University Mess)
11.30 – 12.30 Hrs	Technical Session – VI (University Auditorium)
12.30 – 14.00 Hrs	POSTER SESSION (Computer Lab Corridor)
13.30 – 14.30 Hrs	LUNCH (University Mess)
15.00 – 17.00 Hrs	VALEDICTORY SESSION (University Auditorium)
17.00 – 17.30 Hrs	Tea / Coffee (University Mess)



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INAUGURAL SESSION University Auditorium DAY - ONE

Date: 25 February 2017; Time: 10.00 Hrs. – 12.00 Hrs.

10.00 – 10.05 Hrs

Arrival of Chief Guest and Other Dignitaries

10.05 – 10.10 Hrs

Prayer Song and Lighting of Lamp

10.10 – 10.20 Hrs

Presentation of Bouquet

10.20 – 10.30 Hrs

Welcome by Prof. (Dr.) D. V. Rai,
Vice-Chancellor, Shobhit University

10.30 – 10.35 Hrs

Introducing the Conference Theme by Dr. Renu Yadav,
Joint Secretary,

10.35 – 10.40 Hrs

Presenting Shawl & University Memento to the Chief Guest

10.40 – 10.55 Hrs

Presidential Address by Kunwar Shekhar Vijendra,
Hon'ble Chancellor, Shobhit University

10.55 – 11.55 Hrs

Inaugural Address by the Chief Guest, Prof. Rajendra Kumar
Director General, UP Council of Agricultural Research, Lucknow

11.55 – 12.00 Hrs

Vote of Thanks by Dr. Jayanand, Convener, Convener, ETAS-2017.

12.00 – 12.30 Hrs

High Tea



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DAY - ONE

Session : Technical Session – I Theme : Agro-ecological based development for food security Time : 12.30 – 14.00 Hrs Venue : University Auditorium		Chairperson : Prof. A.K. Srivastava, Emeritus Scientist, Deptt of Botany, CCS Univ., Meerut. Mob:9412629500. Email: anand_kumarsrivastava@hotmail.com Co-Chair : Dr. Archana Tiwari, Director, School of Science, Noida International University, GB Nagar Mob: 9582649114 Email: panarchana@gmail.com Rapporteur : DR. Maya Datt Joshi, Assistant Professor, Department of Biotechnology, Shobhit University, Meerut Mob: 8126518564
Paper ID	Title of Talk	Speaker
PL - 1	Synthetic Biology	Prof. A.K. Srivastava, Emeritus Scientist, Deptt of Botany, CCS Univ., Meerut.
IL -1	Development of climate smart varieties for food security and sustainability in India : A genomic approach	Dr. Mahesh Chandra Yadav, Principal Scientist (Genetics), Division of Genomic Resources, ICAR-NBPGR, Pusa
IL-2	Need of Marketing Intelligence for entrepreneurship development	Dr. Surendar Kumar, Assistant Professor, Krishi Vigyan Kendra, Baghpat, SVBPUA&T, Meerut
IL -3	Natural Resource Management for Sustainable Agriculture	Dr. Renu Singh, Scientist (Sr. Scale), IARI, New Delhi
IL- 4	Water harvesting for sustainable agriculture.	Dr. Ashok Kumar, Director Experiment Station , SVPUAT, Meerut.
IL- 5	Need of Agricultural mechanization for livelihood and food security	Dr. S.K. Goyal, Scientist / Assistant Professor Kvk, Institute Of Agricultural Sciences, Banaras Hindu University, Barkachha, Mirzapur (U.P.)
Organizer : Mr. Aditya Pundir (M:9012617248) Asheesh Malik(M:9557471931) Shobhit University.		



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Session : Technical Session – II

Theme : Natural Resource Management for sustainable agriculture

Time : 12.30 – 14.00 Hrs

Venue : Board Room

Chairperson : Dr. Anil Sirohi,
Professor and Head, Molecular Biology and Genetic Engineering, Sardar Vallabhbhai Patel University of Agriculture and Technology, Modipuram, Meerut
Mob. 9410275769
E-mail: anilsirohi@rediffmail.com

Co-Chair : Dr. Deepa Bhagat,
Bangalore, Senior Scientist, ICAR, NBAIR, Bangalore
Mob. 9902256372 ; Email: deepa.bhgt@gmail.com

Rapporteur : DR. Manoj Kumar Ghosh,
Assistant Professor, Department of Biotechnology, Shobhit University, Gangoh
Mob. 7692808252

Paper ID	Title of Talk	Speaker
PL - 1	Designing new plant type varieties for salt tolerance.	Prof. Vijay Kumar Yadav, Professor & Sr. Rice Breeder, Genetics and Plant Breeding Rice Improvement Project, C.S.A. Univ. of Agri.& Tech. Kanpur -2
IL -1	Livestock productivity enhancement for sustainable life.	Prof. Y P Singh, Retired Professor, SVPUAT, Meerut
IL-2	Enhancing the productivity, sustainability and production of sugarcane crop: Step towards Sustainable Agriculture	Dr. S.P Yadav, Scientist, UPCSAR, Shahjahanpur
IL -3	Medicinal and Nutritive Values of Vegetable crops.	Prof. Sanjay Kumar, Professor, Department of Applied Plant Science (Horticulture), BBAU, Vidya Vihar, Rae Bareli Road, Lucknow-226025 (U.P.), INDIA
IL- 4	Exploring endophytic microbes in Rice (<i>Oryza sativa</i> L) for enhanced crop nutrition and biotic stress management	Dr. Vinay Kumar, Scientist, ICAR- National Institute Of Biotic Stress Management , RAIPUR
IL- 5	Effect of vegetable grafting on resistant rootstock in Production & productivity of solanaceous & cucurbitaceous crops	Pratima Gupta, Research scholar

Organizer :

Rupesh Kumar (M:9012617248)

Vikas Kumar (M:9627920015)

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Session : Technical Session – III

Theme : Biotechnology as a tool for enhancing agricultural production & productivity

Time : 15.00 – 16.30 Hrs

Venue : University Auditorium

Chairperson : Prof. Y P Singh, Retired Professor, SVPUAT, Meerut

Email: ypsingh146@gmail.com

Mob:7409880011

Co-Chair : Dr. Surendar Kumar,

Assistant Professor, Krishi Vigyan Kendra, Baghpat, SVBPUA&T, Meerut

Email: sktanwar_kvkbaghpat@rediffmail.com

Mob: 9319304168, 9319969776

Rapporteur : DR. Maya Datt Joshi,

Assistant Professor, Department of Biotechnology, Shobhit University, Meerut

Mob: 8126518564

Paper ID	Title of Talk	Speaker
PL - 1	Marker assisted breeding for crop improvement, an approach for precision plant breeding, theory and practice.	Dr. Anil Sirohi, Dean, SVPUAT, Meerut - 250 110. Mob. 9410275769
IL -1	Intellectual Property rights UPCAR, Lucknow	Dr. Sujit Kumar, Scientific Officer UPCAR, Lucknow
IL-2	The Influence of Weather Parameters on Crop Production and strategies for mitigation	Naleeni Ranawat. Acting Head, AIOA, Amity University Uttar Pradesh
IL -3	Intellectual Property rights in Biodiversity	Dr. S.S. Gaurav, Associate Professor and Coordinator Deptt of Genetics and Plant Breeding, CCS University,
IL- 4	Eichhornia Crassipus (an Aquatic weed)- as a feed.	Dr. Ajay Kumar, Assistant Professor, Department of Biotechnology, Mewar Institute of Management, Ghaziabad
IL- 5	Effect of phosphorus and VAM (Vesicular Arbuscular Mycorrhiza) on growth and active constituents of Artemisia annua L.	Adesh Kumar, Research Scholar, Department of Botany, MMH College Ghaziabad.

Organizer :

Mr. Rupesh Kumar (M. 741707122)

Mr. Vikas Kumar (M:9627920015)

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Session : Technical Session – IV

Theme : Implementation of novel scientific agricultural practices to improve human health

Time : 15.00 – 16.30 Hrs

Venue : Board Room

Chairperson : Prof. Sanjay Kumar,
Professor, School for Biosciences & Bio-technology,
Babasaheb Bhimrao Ambedkar University, (A Central
University) Vidya Vihar, Rae Bareli Road, Lucknow-
226025 (U.P.), INDIA
Mobile No. 09453019255
E-mail: sanjay123_bhu@yahoo.co.in

Co-Chair : Dr. Mahesh Chandra Yadav,
Principal Scientist (Genetics) , Division of Genomic
Resources, ICAR-NBPGR, Pusa Campus, New Delhi
E-mail: mcyadav@yahoo.com;
Mob: 09013212787

Rapporteur : DR. Manoj Kumar Ghosh,
Assistant Professor, Department of Biotechnology,
Shobhit University, Gangoh
Mob. 7692808252

Paper ID	Title of Talk	Speaker
PL - 1	Agro-ecological based development for food security.	Dr. Archana Tiwari, Director, School of Science, Noida International University, GB Nagar
IL -1	Economics of improved technique of cowpea fodder production in farmers's fields	Dr. Vikas Kumar, Scientist (Agricultural Economics), Division of Social Science, IGFRI, Jhansi
IL-2	Nanogels and Nanosensors in Agriculture pest management	Dr. Deepa Bhagat, Bangalore, Senior Scientist, ICAR, NBAIR, Bangalore
IL -3	Functional genomics of abiotic stress tolerance in crop plants	Dr. Rekha Dixit, Associate Professor, Department of Biotechnology KV Faculty of Science, Subharti University, Meerut
IL- 4	Natural resource management for Agriculture crop management	Dr. KM Singh, Scientist ,Kirshi Vigyan Kendra, Shahjahanpur,
IL- 5	"Green Nanotechnology" A novel method of sustainable agriculture	Ms. Anvesha Sinha, DST Inspirer Fellow, Shobhit University, Meerut

Organizer :

Mr. Aniket Kumar (M. 741707122)

Asheesh Malik(M:9557471931)

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DAY - TWO

Session : Technical Session – V

Theme : Agricultural policies upliftment & Sustainable economic growth

Time : 09.00 – 11.00 Hrs

Venue : University Auditorium

Chairperson : Dr. Vikas Kumar,
Scientist (Agricultural Economics),
Division of Social Science, IGFR, Jhansi
Mob. No: 8004482305,
Email: 4vikaskumar@gamil.com

Co-Chair : Dr. Vinay Kumar
Scientist ,ICAR- National Institute Of Biotic Stress
Management, RAIPUR
Mob: +91 9479038713;
Email: vinaybt_04@rediffmail.com

Rapporteur : DR. Maya Datt Joshi,
Assistant Professor, Department of Biotechnology,
Shobhit University, Meerut
Mob: 8126518564

Paper ID	Title of Talk	Speaker
PL - 1	Mahila Shashakti Karan, Self-Employment	Ms. Neelam Tyagi, Secretary Laxmi Jan kalyan Seva Sansthan, Muradnagar
IL -1	Reduction of Neurotoxin compound of <i>Lathyrus sativa</i> for nutritional quality improvement and β -ODAP use an anti-cancer agent	Dr. N.K. Singh, Assistant Professor, Biotechnology, MNNIT, Allahabad
IL-2	Recent Management of pest in Sugarcane	Dr. Hem Singh, Assistant Professor, Department of Entomology , SVPUAT, Meerut - 250 110.
IL -3	Genetically modified crops and their trade	Dr. Virendra Kamalvanshi, Assistant, Department of Agricultural Economics, Institute of Agricultural Sciences, BHU, Uttar Pradesh 221005 (India)
IL- 4	Women farmers knowledge Bank: The key of sustainable Agriculture in relation to climate change	Dr. Daya Srivastava, Subject Matter Specialist/ Scientist (Plant Protection), Krishi Vigyan Kendra-II, Sitapur Village-Katia, Post-Ulra (Manpur), Block- Biswan, Distt-Sitapur- 261145, U.P. INDIA
IL- 5	Effect of organic manures and inorganic fertilizers on plant growth of indeterminate tomato (<i>Solanum lycopersicum</i> .L.) hy.GS - 600	B. Muralidharan. Ph.D.(Scholar), Department of Horticulture, Allahabad school of Agriculture,SHIATS, Allahabad. Uttar Pradesh - 211007

Organizer :

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Session : Technical Session – VI

Theme : Awardee’s Presentation

Time : 11.30 – 12.30 Hrs

Venue : (Board Room)

**Chairperson : Prof. D.V.Rai,
Vice-Chancellor, Shobhit University, Gangoh**

**Co-Chair : Dr. Maya Dutt Joshi
Associate Professor, Shobhit University, Meerut**

Paper ID	Title of Award
A 1.	Fellow Award
A 2.	Life Time Achievement Award
A 3.	Distinguished Scientist Award
A 4.	Best Scientist (Teaching) Award
A 5.	Best Scientist (Extension) Award
A 6.	Best Scientist (Research) Award
A 7.	Best Agri-entrepreneurship Award
A 8.	Best Agri-communication Award
A 9.	Scientist of the Year Award
A 10.	Young Scientist Award
A 11.	Young Social worker for Adivasis Award
A 12.	Young Biotechnologist Award
A 13.	Doctoral Research Fellow Award
A 14.	PG Research Fellow Award

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VALEDICTORY SESSION University Auditorium

Date: 26 February 2017; Time: 15.00 Hrs. – 16.30 Hrs.

15.00-15.05 Hrs	Arrival of Chief Guest and Other dignitaries
15.05-15.10 Hrs	Prayer Song and Lighting of Lamp
15.10-15.15 Hrs	Presentation of Bouquet
15.15-17.25 Hrs	Welcome by Dr. Jayanand, Registrar, Shobhit University
15.25-15.30 Hrs	Presenting Shawl & University Memento to the Chief Guest
15.30-16.00 Hrs	Valedictory Address by Chief Guest Prof Gaya Prasad Hon'ble Vice Chancellor, SVPUA&T, Meerut, UP, India
16.00-16.30 Hrs	Award Ceremony to the distinguish personalities for their excellence and achievements in the fields of research, Social and Scientific Developments. Session will be handover to Dr. Ashwani Yadav, President, SSSD Meerut.
16.30-16.35 Hrs	Address by: Dr. Vaishali, Organizing Conference Co-chairman, ETAS- 2017
16.35-16.40 Hrs	Conference Report of ETAS - 17 by Dr. Maya Datt Joshi, Shobhit University
16.40-16.50 Hrs	Presidential Address by Prof. (Dr.) D. V. Rai, Vice-Chancellor, Shobhit University
16.50-17.00 Hrs	Vote of Thanks by Dr. Reema, Organizing Secretary, ETAS-2017
17.00-17.30 Hrs	Tea / Coffee