

in farm advisory services under Transfer of Technology and conducting participatory research for upliftment of farming community of operational area of KVK. The award will be shifted to other zone in case of non-availability of applicant in a zone. Broad-guidelines in assessing for the award are:

1. No. of research papers published in NAAS rated Journals (20).
2. No. of popular articles /Technical Bulletins/contribution towards publication of Krishi Vigyan Patrika (a quarterly farm magazine of KVK) published (20 score).
3. Contributions made to the field extension methodology (10 score),
4. Documentation of farmer innovations as success stories/case studies published (10 score),
5. Impact of subject matter, vocational trainings and field extension services in terms of productivity, income and employment generation (10 score),
6. Impact assessment of frontline demonstrations (FLDs) in terms of productivity and acreage (10 score),
7. Rewards/recognitions received for achievements made in field extension work (10 score),
8. Establishing functional linkage with research & state extension systems (10 score), Total =100 score.

**Applications along with a hard copy of the resume & supporting materials relevant for the award be sent on above address in time.**

#### 9. LIFE TIME ACHIEVEMENT AWARD

The highest and the most prestigious ISEE-Award introduced in 1999 is conferred during National Seminar. Award is open to both Indians and the overseas Extension Professionals. Age, citizenship, and ISEE membership are no bar. Some of the guiding traits expected in the recipient are: "The recipient should have worked for decades and made substantial contribution to the discipline of Extension Education. The power and popularity enjoyed by the person is unquestionable. His/her work catapulted him/her to fame. His/her talent and influence is undeterred in the discipline of Extension Education. His/her legacy is not only confined to his/her own achievements but has also generously imparted his/her knowledge and played mentor to next generation. The person is the king, technical wizardry, a new genre, and a cult-figure. He/she is a unique phenomenon and carries a dynamic personality.

**Any ISEE life-member can propose the name and two other eminent life-members should "Second" the nominee. A hard copy of nomination paper along with a brief "Resume" be sent to the President (ISEE) on above address in due time.**

**Note:** ISEE also proposes Best Paper Presentation / Best Poster Presentation Awards (in each theme area) and Recognition Certificate to eminent retired extension scientists/innovative farmers participating in the seminar.

#### Correspondence regarding seminar

#### Bihar Agricultural University, Sabour, Bhagalpur, Bihar

Dr. S. R. Singh, Chairman (Extension Education), BAU, Sabour  
Email: srs.sabour@gmail.com, Mobile: 9801228166

Dr. Ram Datt, Assistant Professor (Extension Education),  
Email: ramdatt.extn@gmail.com, Mobile: 09934373843

Dr. Shridhar Patil, Assistant Professor (Extension Education),  
Email: srisr8@gmail.com Mobile: 9199880056

Dr. Anil Paswan, Assistant Professor (Extension Education)

#### ISEE, IARI, New Delhi

Dr. Baldeo Singh, President (ISEE) & Ex-Joint Director (Ext.), IARI  
Email: baldeo\_singh31@rediffmail.com, Mobile: 07042441509

Dr. Kartar Singh, Vice-President (ISEE), Mobile: 9899172740

Dr. B. K. Singh, Secretary (ISEE) & Head (CATAT), IARI, New Delhi  
e-mail: iseenationalseminar2017@gmail.com, Mobile: 9818047372

Dr. R. N. Padaria, Chief Editor (ISEE) & Professor (Agril. Ext.) IARI  
e-mail: iseenationalseminar2017@gmail.com, Mobile: 9968966766

#### Accommodation & Transportation:

The accommodation will be arranged at the Guest Houses of the University and/ nearby good hotels at nominal charge for which advance information is essential. Please contact Dr. C. K. Panda, Assistant Professor (Ext. Edu.), M. 07903213189 & Dr. S. K. Gupta, Assistant In-charge, University Guest House, M. 08002746337. One day advance tariff is requested.

**Venue: Bihar Agricultural University, Sabour - 813 210 Bihar**

#### Important dates

1. Receipt of Abstract	30.10.2017
2. Acceptance of abstracts	30.10.2017
3. Receipt of full length paper	05.11.2017
4. Application/Nomination for Awards	05.11.2017
5. Registration fees remittance	05.11.2017

#### Registration fees

Scientists and delegates life member	Rs. 4000
Scientists and delegates Non-life Member	Rs. 4500
Students/retired scientists	Rs. 1500
Accompany person	Rs. 1500
Foreign delegate	US \$ 100

Registration fee should be sent to ISEE office in advance by Demand Draft in favour of Indian Society of Extension Education payable at New Delhi or paid in cash at ISEE registration counter, Seminar venue, BAU, Sabour, Bihar..

#### How to reach:

The Bihar Agricultural University, Sabour is about 250 Km from Patna, 430 Km from Kolkata. The Railways stations of Bhagalpur (BGP), Sabour (SBO) and Naugachia (NNA) are located near the University campus at a distance of 8 Km, 0.5 Km and 23 Km, respectively. The participants coming from Delhi may board the Vikram Shila Express (12368), Anand Vihar-Bhagalpur Garibrath Express (22406), Farakka Express (13414) or Brahmaputra Mail (14056) and deboard at Sabour/Bhagalpur. Alternatively, the participants may board the DBRT Rajdhani (12424) and other trains from Delhi and get down at Naugachia. Persons coming from Kolkata can board HWH Gaya Exp. (13023), HWH JMP Exp. (13071), and get down at Bhagalpur. The nearest airports are Jay Prakash Narayan International Airport, Patna and Bagdogra Airport at a distance of 250 Kms and 245 Kms, respectively from the University.

#### Weather:

Weather of Sabour in the month of November is expected to be pleasant with mean maximum temperature of 28.6°C and mean minimum temperature of 14.2°C.

**Note: For the details of national seminar, please visit ISEE Website: "www.isee.org.in".**

#### NATIONAL ORGANIZING COMMITTEE

**Patron:** Dr. A. K. Singh, Vice Chancellor Bihar Agricultural University, Sabour, Bhagalpur, Bihar

**Chairman:** Dr. Baldeo Singh, President, ISEE & Former Joint Director Extension (IARI), New Delhi

**Co-Chairman:** Dr. Kartar Singh, Vice-President (ISEE) & Ex-Head (CATAT), IARI, New Delhi

Dr. Arun Kumar, Dean (Ag), BAU, Sabour, Bihar

Dr. B. C. Saha, DRI cum Dean PGS, Sabour, Bihar

**Convener:** Dr. R. K. Sohane, Director Extension, BAU, Sabour, Bihar

Dr. Anjani Kumar, Treasurer (ISEE) & Director, ICAR-ATARI (Patna) Bihar

**Co-Convener:** Dr. U S Gautam, Vice President (ISEE) & Director, ICAR-ATARI, Kanpur, U. P.

Dr. C. Satpathy, Vice President (ISEE) & Ex Dean, OUAT, Odisha

Dr. G. Eswarappa, Vice President (ISEE) & Ex-Director Extension, UAS, Bangalore, Karnataka

Dr. K. L. Dangi, Vice President (ISEE) & Prof. (Ext. Edu.) MPUAT, Udaipur, Rajasthan

Dr. R. N. Singh, Registrar, BAU, Sabour, Bihar

Dr. R. P. Sharma, Associate Dean- cum- Principal, BAC, Sabour, Bihar

**National Organizing Secretary:** Dr. B. K. Singh, Secretary (ISEE) & Head (CATAT), ICAR-IARI, New Delhi

**Local Organizing Secretary:** Dr. S. R. Singh, Chairman (Extension Edu.) BAU, Sabour, Bihar

#### Joint Organizing Secretaries:

Dr. R.N. Padaria, Chief Editor (ISEE) & Prof. (Agril. Ext.), IARI, N. D.  
Dr. Raksh Pal, Jt. Sec. (ISEE) & PC (KVK), SVPUA&T, Badaun, U. P.  
Dr. Vijay Pal Yadav, Zonal Editor (ISEE) & PS (KVK) Faridabad, HR.  
Dr. J. P. Yadav, Councilor (ISEE) & Dt. Dir. Ext. RAU, Jobner, Raj.  
Dr. Chitra Henary, Councilor (ISEE) & Prof. (Ext.), RAU, Bikaner, Raj.  
Dr. Ram Datt, Assistant Professor (Ext. Edu.), BAU, Sabour, Bihar  
Dr. Shridhar Patil, Asstt. Professor (Ext. Edu.), BAU, Sabour, Bihar  
Dr. Anil Paswan, Asstt. Professor (Ext. Edu.), BAU, Sabour, Bihar

#### Publication

Dr. Baldeo Singh, President (ISEE) & Former Jt. Director, Ext. IARI  
Dr. S. R. Singh, Chairman (Ext. Edu.), BAU, Sabour, Bihar  
Dr. R. N. Padaria, Chief Editor (ISEE) & Professor (Agril. Ext.), IARI  
Dr. Ram Datt, Assistant Professor (Ext. Edu.), BAU, Sabour, Bihar  
Dr. Shridhar Patil, Asstt. Professor (Ext. Edu.), BAU, Sabour, Bihar  
Dr. B. K. Singh, Secretary (ISEE) & Head (CATAT), IARI, New Delhi  
Dr. Vijay Pal Yadav, Editor (ISEE) & PS (KVK) Faridabad, Haryana  
Mr. Mukesh Singh (ISEE), IARI, New Delhi

## ISEE NATIONAL SEMINAR

DOUBLING FARMERS' INCOME AND FARM PRODUCTION THROUGH SKILL DEVELOPMENT AND TECHNOLOGY APPLICATION

November : 28, 29 and 30, 2017



#### Venue

Bihar Agricultural University, Sabour, Bhagalpur - 813 210, Bihar

#### Organized by

Indian Society of Extension Education  
Division of Agricultural Extension,  
ICAR - IARI, New Delhi - 110012



Department of Extension Education,  
Bihar Agricultural University, Sabour,  
Bhagalpur, Bihar



Foundation for Action Research  
and Development



Supported by

Indian Council of Agricultural Research



## ISEE NATIONAL SEMINAR – 2017

DOUBLING FARMERS' INCOME AND FARM PRODUCTION THROUGH SKILL DEVELOPMENT AND TECHNOLOGY APPLICATION

### About ISEE

The Indian Society of Extension Education was founded on 12th June, 1964 at Division of Agricultural Extension, IARI, New Delhi-12 as its national headquarter with the mission to advance the cause of extension education. It has its local chapters in different states. Presently, there are more than 2000 life members spread over India and abroad. The Society publishes quarterly research journal entitled, "Indian Journal of Extension Education" since 1965. It organizes national and international seminars, symposia, workshops and conferences on agricultural topics of national/international importance. It has brought out proceedings, souvenirs, seminar recommendations and books. The website of the society is 'www.isee.org.in'. The society completed its 50 years during 2015 by serving its mission of agricultural growth and development of the country.

### The Bihar Agricultural University

Sabour is a beautiful countryside located at 25.2376° N, 87.0485° E, 46 m above mean sea level in Bhagalpur district of Bihar State. It is renowned for one of the oldest agricultural colleges and research centres in the Indian subcontinent. Bihar Agriculture College (BAC), Sabour was established in the year 1908 at Sabour. Later on, the Bihar Agricultural University was established at the same place on 5<sup>th</sup> August, 2010 to serve as a leading centre of education, research, extension and training in the field of agriculture and allied subjects. Within a short span of time, the university has received several accolades for its contribution towards agricultural research and development. There are five agricultural colleges located at Sabour, Saharsa, Purnea, Kishanganj and Dumraon, a horticulture college at Noorsarai (Nalanda), 13 Research stations and 20 Krishi Vigyan Kendras under the jurisdiction of Bihar Agricultural University which are spread across 20 districts of Bihar

### Prologue/Prelude:

Agriculture in India is dominated by small and marginal farms, which offers little or limited scope for horizontal expansion. Therefore, enhancing production from the limited land along with generating additional income from the allied enterprises is the only option for doubling income level and improving rural livelihoods. The integration of various enterprises, namely crops, dairy, horticulture, floriculture, sericulture, poultry, goat & sheep rearing, piggyery, fishery, agro-forestry, mushroom cultivation, beekeeping and other allied enterprises including cottage industries etc. according to location-specific needs and demands is essential and indispensable. The farm families, their environment, satisfaction and prosperity are the top most agenda for all round development. An analysis of household livelihood begins with the understanding of its dimensions; the factors that influence the range of possibilities for household system, the changes in the household systems over the time and the cause for change. Each household combines its resources within the limits of their social and political contents to pursue a number of strategies such as various types of production and income generating activities. This emphasizes the need to develop understanding about the rural communities, their potentials, household livelihood management and participation and decision making in planning, management and implementation of different farm and non-farm works. The empowerment and development of rural people and sensitization of research and extension systems

about their roles and contributions are important for achieving the enhanced and sustained growth in agriculture. Agricultural production system of today is highly competitive particularly when a number of events are simultaneously taking place including new technology explosion, demand for enhanced production, productivity, issues of equity and uneven development and issues of sustainability and enhanced profitability. These are further complicated with the increased industrialization of agricultural sector and increasingly dependent on global markets, demand of cleaner environment and increased concern for safe and nutritious food supply. Business, financial, and risk management are the keywords of today's agriculture.

The national seminar is designed to provide a right forum for extension professionals, development agents, farmers, policy makers, administrators and NGOs including corporate sectors to share their experience and expertise to support agriculture in enhancing total farm productivity and thereby, doubling farmers' income.

### Thematic areas

The major thematic areas of deliberation and discussion of the seminar are:

- 1. Extension System & policies imperatives:** status, policies, linkages, coordination, public-private extension, role of ICAR/SAU & KVKs, partnership development, corporate sector, small scale industries, IPR etc.
- 2. Rural youths and Skill development:** Status and opportunities, training, motivation, capacity building, SHGs, entrepreneurship development, micro-enterprises development, institutional innovations, micro-financing, technological models etc.
- 3. Technologies & practices including high-tech horticulture:** conservation and management of ITKs & rural resources, climate smart agriculture, high-tech-horticulture, secondary agriculture for income generation, processing and strengthening value chains, marketing, retailing etc.
- 4. Participatory extension and development:** Approaches, experiences, models/methodologies, rural innovations, technology application - problems & constraints, socio-economic issues etc.
- 5. Cyber extension & information management:** Cyber extension - models & innovations, information management, gender issues, gender mainstreaming & development etc.

### Call for papers

Conceptual, review and research based papers and cases related to the seminar thematic areas are invited. Hard copies of abstract (about 300 words) and full paper (about 3000 words) on A4 size typed in Times New Roman with single space 25mm margin all around in font size 12 points along with electronic CD/Soft copy in MS-Word format should reach to the local organizing secretary **Dr. S. R. Singh**, Chairman Extension Education, Bihar Agricultural University, Bhagalpur, Bihar on email : **'iseenationalseminar2017@gmail.com'** with a copy to ISEE society email : **extensionsociety@gmail.com** in time.

### ISEE AWARDS

Indian Society of Extension Education has instituted several awards. These awards are conferred on high-caliber extension educationists in recognition of their meritorious services to the discipline of Extension Education. **The applicants willing to contest may send a hard copy of their resume as per format to**

**the President (ISEE), Office of Indian Society of Extension Education, Division of Agricultural Extension, IARI, New Delhi-110012 by 5.11.2017. The presence of applicants applied for the award is essential in the seminar.**



ISEE AWARDS



### 1. Dr. D. K. MISHRA MEMORIAL AWARD

After the demise of Dr. D. K. Mishra, the then Director (Extension Education), Rajasthan Agricultural University, Udaipur, his family donated Rs.1.00 lakh for institution of award. The ISEE has instituted Dr. D.K. Mishra Memorial Lecture Award. The recipient is expected to deliver a lecture on a topic related to transfer of technology approaches and extension service promoting rural employability at the time of annual National Seminar.

**Hard copy of the application along with the resume and a brief synopsis of the lecture note be sent to the President (ISEE) on above address in due time.**

### 2. Dr. K. N. SINGH MEMORIAL AWARD

This Award is conferred on an Extension Scientist for the excellence in extension research. Dr. K. N. Singh Memorial Award is wholly sponsored by Dr. Shankariah Chamala, and Mrs. Shakuntala Chamala, Associate Professor of Agricultural Extension & Management, School of Natural Rural Systems Management, University of Queensland, Brisbane, Australia. Dr. Chamala donated ₹ 50,000 (Rupees fifty thousand only) for this Award in the memory of his Guru, a great teacher and a leader in the discipline of Extension Education. Broad-guidelines to be used in assessing the worthiness of applicants are: 1. Research contributions (25 Score), 2. Problems investigated & solutions offered (20 Score), 3. Research funds mobilized from external resources (10 Score), 4. Seminar/ symposia/ training organized based on research (25 Score) and 5. Contribution made to research methodology (20 Score). Total=100 score.

**Hard copy of the application with two-page resume and reprints of five best research papers published in NAAS rating scientific journals be sent on above address in due time.**

### 3. Dr. O. P. DHAMA MEMORIAL AWARD

This Award is given to an Extension Scientist for excellence in teaching and training. Broad guidelines to be used in assessing are: 1. No. of courses and credits taught (10 score), 2. No. of students thesis guided (10 score), 3. No. of research papers published out of theses (10 score), 4. Innovations in classroom teaching (15 score), 5. No. of courses developed (10 score), 6. No. of papers presented in seminars/symposia (15 score), 7. Award/recognition received (10 score), 8. No. of text-books/ reference books written (10 score), 9. No. of Training programmes organized/participated in some capacity (10 score). Total=100 score.

**Hard copy of the applications along with two page resume & supporting materials relevant for award be sent on above address in time.**

### 4. Dr. G. S. VIDYARTHI MEMORIAL AWARD

This Award is given to an Extension Scientist for excellence in farm information communication and field extension services. Broad-guidelines in assessing for the award are: 1. No. of popular articles published (20 score), 2. Contributions made to the field extension methodology (10 score), 3. Extension approaches followed (15 score), 4. Impact of field extension services in terms of productivity (10 score), 5. Rewards/recognitions received for achievements made in field extension work (15 score), 6. Establishing functional linkage with research & state extension systems (20 score), 7. Instructional material developed (10 score). Total=100 score.

**Hard copy of the applications along with a copy of two-page resume & supporting materials relevant for the award must be sent on above address in time.**

### 5. Professor Y.P. SINGH MEMORIAL AWARD

After the demise of Prof. Y. P. Singh, the then Joint Director (Extension), Indian Agricultural Research Institute, New Delhi, whose family donated Rs.1.00 lakh for institution of award, the ISEE has instituted Prof. Y. P. Singh Memorial Award in 2014. This Award is given to an Extension Teacher/ Scientist for excellence in teaching, training and extension research. Broad guidelines to be used in assessing are: 1. No. of courses and credits taught (20score). 2. No. of students thesis guided (20 score). 3. Research contributions (Contribution made to research methodology, handling of Internal and External Research Projects, Research funds mobilized from external resources) (20 Score). 4. Innovations in teaching and. No. of courses developed (20 score). 5. Award / recognition received (10 score). 6. No. of text-books/ reference books written (10 score) Total Score= 100.

**The hard copy of the Applications along with two page resume & supporting materials relevant for award be sent on above address in time.**

### 6. ISEE FELLOW AWARD

This Award is given to ten Extension Scientists for their outstanding contributions in the field of extension education. The modus operandi is to select two extensionist from each zone. The Vice President, ISEE of respective zone in consultation with two other eminent extensionists will recommend the names. While recommending care is to be taken to ensure that the person is well experienced and has made significant contributions for advancing the cause of Extension Education discipline. In addition, applicant should be a well-known personality in Extension fraternity. Although age is no bar, it is considered appropriate if the awardees are still in active service. While applying for this award, a brief autobiography should also to be attached. **The hard copy of the application be sent to the respective Zonal Vice-President latest by 15<sup>th</sup> October 2017, who may send the recommendations to the President (ISEE) on above address.**

### 7. YOUNG SCIENTIST AWARD

The awards are conferred to nine young scientists, below the age of 45 years, for their outstanding contributions in the field of extension research and field extension services. **A hard copy of the application along with the resume including date of birth certificate and supporting materials relevant to extension research and field extension services be sent on above address in due time.**

### 8. BEST KVK SCIENTIST AWARD

The Award is given to fifteen Scientists (two scientists from each zone) working in KVKs since last 10 years for their outstanding contributions

## Registration Form

### ISEE National Seminar – 2017

**DOUBLING FARMERS' INCOME AND FARM PRODUCTION  
THROUGH SKILL DEVELOPMENT AND TECHNOLOGY APPLICATION**

**November 28, 29 and 30, 2017**

**at**

**Bihar Agricultural University, Sabour - 813 210 Bihar**

1. Name (in block letters) : .....
2. Designation and Mailing Address : .....
- Pin : .....
3. Telephone / Mobile No. : .....
- Fax : .....
- E-mail : .....
4. Registration Fee (Rs.) : .....
5. Draft No. and Date : .....
- Amount (Rs.) : .....
6. Title of Abstract/Paper : .....
7. Abstract/Paper (2) copies with CD or E-mail enclosed : .....
8. Place and Date : .....

Signature

### Accommodation Request Form

1. Name (in block letters) : .....
2. Designation and Mailing Address : .....
- Pin : .....
3. Telephone / Mobile No. : .....
- Fax : .....
- E-mail : .....
4. No. of accompanying persons with detail : .....
5. Travel Plan : .....
- Date & mode of arrival : .....
- Date & mode of departure : .....
6. Place and Date : .....

Signature