



INDIAN SOCIETY OF SOIL SCIENCE

Ist Floor, National Societies Block
National Agricultural Science Centre Complex

Dev Prakash Shastri Marg, Pusa, New Delhi - 110 012 (India)

(Phone: 011-25841991, 25841529, Email: iss1934@gmail.com, iss.secretary@gmail.com)

82nd ANNUAL CONVENTION (December 11-14, 2017) *Final Announcement*

As per the First Announcement dated 30 June 2017 the 82nd Annual Convention of the Indian Society of Soil Science will be held at the Amity University, Kolkata during **December 11-14, 2017** (Monday to Thursday). *The tentative programme is as follows:*

December 11, 2017 (Monday)

- 0800 - 0930 Registration
1000 - 1130 Inaugural Function
1130 - 1200 Tea
1200 - 1300 **35th Prof. J.N. Mukherjee-ISSS Foundation Lecture** by Dr. B. Venkateswarlu, Vice-Chancellor, VNMAU, Parbhani
Topic: **Soil Microbiology: The New Frontiers**
1300 - 1400 Lunch
1400 - 1600 **National Seminar** on "Developments in Soil Science - 2017"
Session Ia (Oral Presentations)
Hall 1 — Soil Fertility I
Hall 2 — Soil Chemistry I
Hall 3 — Soil Biology I
Hall 4 — Soils and the Environment
1600-1630 Tea
1630-1730 *Session Ib (Poster Presentations)*
1730-1830 **Special Lecture** by Dr. A.K. Sikka, IWMI, New Delhi
Topic: **Managing Water-Land-Energy and Food Nexus for Sustainable Development**
1900-2030 Cultural Programme
2030 Dinner

December 12, 2017 (Tuesday)

- 0900 - 1000 **44th Dr. R.V. Tamhane Memorial Lecture** by Dr. R.K. Rattan, Former In-charge, CESCRA, IARI, New Delhi
Topic: **Quo Vadis Zinc Research**
1000-1030 Tea
1030-1300 Special symposium on "**Soil Nutrients and Water Management Interventions towards the Doubling Farmers' Income**"
1300-1400 Lunch
1400-1530 **National Seminar** on "Developments in Soil Science - 2017"
Session IIa (Oral Presentations)
Hall 1 — Soil Fertility II
Hall 2 — Soil Chemistry II
Hall 3 — Soil Physics and Soil Engineering & Technology
Hall 4 — IPNI Sponsored Concurrent Session
1530-1630 *Session IIb (Poster Presentations)*

1630-1700 Tea
1730-1930 Annual General Body Meeting
2000 Dinner

December 13, 2017 (Wednesday)

0900-1100 **ISSS Best Doctoral Research Presentation Award Contest** (Final Round)
1100-1130 Tea
1130-1330 National Seminar on “Development in Soil Science – 2017”
Session IIIa (Oral Presentations)
Hall 1 — Soil Fertility III
Hall 2 — Soil Biology II
Hall 3 — Soil Classification; Soil Evaluation and Land Use Planning; Soil Degradation Control, Remediation, and Reclamation

1330-1430 Lunch
1430-1530 *Session IIIb (Poster Presentations)*
1530-1700 Concluding Session
1700-1730 Tea
2000 Dinner

December 14, 2017 (Thursday) *Field Trip (Optional)*

NATIONAL SEMINAR

Oral Presentations: For oral power point presentation of papers a maximum of 10 minutes will be allowed. Participants are advised to contact in advance the person-in-charge of projection for copying the files onto computer hard-disk in the hall where the paper is to be presented. Files in Power Point format are to be brought in Pen Drive.

Poster Presentations: For mounting posters a minimum of one square meter per paper will be allotted. Letter size of posters should be bold and large enough so that one can read the poster contents comfortably from a distance of 2 metres.

Poster Presentation Tips

- Don't crowd too much information into the presentation; concentrate on two or three main points. Highlight your title, headings, and sub-headings with colours or coloured lines. Make sure your poster information (text, figures, tables, photos) is clearly visible from a distance of 2m from the poster so it can be easily read from this distance.
- Format headings and sub-headings should be at least 25% larger than the text in bold or semi bold.
- Keep your text in short, concise, legible statements; minimize complete sentences and paragraphs. Remember that photos and graphs convey information more readily than text and tables.
- Text in upper and lower case letters is more readable than all capitals. Use Arial or Times New Roman font style. Text type should be at least 1/4-inch (0.64 cm) tall and readable from a distance of 2m.

Registration Fee: Registration fee of Rs 3000/- (Rs 1000/- in case of students) is to be paid in advance by each delegate to the **Secretary, Indian Society of Soil Science, 1st Floor, National Societies Block, National Agricultural Science Centre Complex, Dev Prakash Shastri Marg, Pusa, New Delhi - 110012** either in cash/ money order or in the form of a bank draft drawn in favour of “**Indian Society of Soil Science**” and payable on any bank in New Delhi so as to reach the ISSS headquarters by **25 November 2017**. Registration fee may also be received by bank transfer directly to:

A/c No.: 90292010000393

IFSC Code: SYNB0009029

Beneficiary name: Indian Society of Soil Science

Branch: Pusa Campus (Syndicate Bank)

Subsequently the registration fee will be accepted only in cash at the venue of Convention on 11 December 2017 onwards. **Outstation cheque will not be accepted.** *Registration fee once paid shall neither be refunded nor transferred to any other purpose or person.*

Accommodation facility: A limited number of rooms are available in Guest House (University / Institutes) or hotels. Accommodation to the delegates will be provided on first come first serve basis on payment of the advance. The delegates are requested to make an advance payment of lumpsum Rs. 2000/- per head by sending the details of their stay to the organizers at Kolkata. The payment may be made in the name of **ISSS Annual Convention 2017 Kolkata** through demand draft (no outstation cheque will be accepted) drawn at Kolkata and sent by registered post/ speed post/ courier to **Dr. D.C. Nayak**, Organising Secretary, 82nd Annual Convention of ISSS, ICAR-NBSS&LUP, Regional Centre, Block-DK, Sector-II, Salt Lake, Kolkata-700091 or by direct online bank transfer (**UCO Bank, Ballygunge Circular Road, A/C No.: 08370110017241, IFSC Code: UCBA0000837**). The delegates arriving with their spouse may be provided with desired accommodation on prior intimation and payment of the amount in advance. The details of tariff (excluding local taxes) for different types of rooms are as follows:


1. Hotel (AC single or double bedded rooms): Tariff slabs Rs. 2000-2500/- and 2500-3500/- per room per day
2. Guest House (University / Institutes)
AC (single or double bedded rooms): Tariff Rs. 500-1000/- and 1000-2000/- per bed per day
Non AC (single or double bedded rooms or dormitory): Tariff Rs. 250-500/- per bed per day

Regarding accommodations kindly contact **Dr. Kapil Deo Sah** (Mobile: 09831693292, Email: kapildsah@gmail.com) or **Dr. D.C. Nayak** (Mobile: 09674355898, Email: dulalnayak@gmail.com)

Transport facility: The transport facility will be available at Netaji Subhash Chandra Bose International Airport/ Howrah, Sealdah and Kolkata railway stations for the delegates who indicate their detailed travel plans (date and time of arrival, train name and number) well in advance. The detailed travel plans for transport facility may kindly be sent to **Dr. Krishnendu Das** (Mobile: 09433024332, Email: das_krishnendu@hotmail.com) or **Dr. F.H. Rahman** (Mobile: 09432955117, Email: frahmancal@gmail.com)

Climate: The climate of Kolkata in the second week of December is mildly cool and pleasant. The mean maximum and minimum temperatures are 27° C and 15°C, respectively.

New Delhi
Dated 14 October 2017


(D.R. Biswas)
Secretary

Note: **Dr. D.C. Nayak** is the key person to be contacted for any information regarding registration and all other local arrangements at Kolkata. His address is given below:

Dr. D.C.Nayak, Organising Secretary, 82nd Annual Convention of ISSS, ICAR-NBSS & LUP, Regional Centre, Block-DK, Sector-II, Salt Lake, Kolkata-700091. **Mobile:** 09674355898, **Email:** dulalnayak@gmail.com

82nd Annual General Body Meeting Notice

Date: 12 December 2017 (Friday)

Time: 5:30 PM

Venue: Amity University, Kolkata

AGENDA


1. Confirmation of the proceedings of the 81st Annual General Body Meeting held on 21-10-2016 at Gwalior.
2. Presentation and adoption of the Annual Report of the Society for 2016-2017.
3. Presentation and adoption of the audited statement of accounts for the year ended 31st March, 2017.
4. Presentation and adoption of the budget estimates for 2018-2019.
5. To consider and adopt, if approved with or without modification, the following amendments of the Rules and Regulations of ISSS in the matter of increasing the existing ceiling of the honorary membership.

Existing: 11.1.1. Honorary membership is the highest honour bestowed by the ISSS. The Honorary Membership shall be conferred by the Council on an individual in recognition of his/ her outstanding contributions related to the objectives of ISSS, irrespective of his/her membership of the ISSS and his/her nationality. The total number of Honorary Members shall be limited to 20 at any time and not more than two shall be honoured in a year. On conferment, they shall be exempted from payment of membership subscription, but shall continue to enjoy the privileges of Members (Art. 3.4.2 and 3.4.3). The conferment of the Honorary Membership shall be in the form of a citation at the Annual Convention.

Amended: 11.1.1. Honorary membership is the highest honour bestowed by the ISSS. The Honorary Membership shall be conferred by the Council on an individual in recognition of his/ her outstanding contributions related to the objectives of ISSS, irrespective of his/her membership of the ISSS and his/her nationality. The total number of Honorary Members shall be limited to 30 at any time and not more than two shall be honoured in a year. On conferment, they shall be exempted from payment of membership subscription, but shall continue to enjoy the privileges of Members (Art. 3.4.2 and 3.4.3). The conferment of the Honorary Membership shall be in the form of a citation at the Annual Convention.

6. Election of Office Bearers and Councillors in the Council of the Society to the offices falling vacant during 2018 and 2019.
7. Any other matter with the permission of the Chair (*Members of ISSS desirous of raising any point under this item are required to send the same in writing to the Secretary on or before 4 December 2017*).
8. Presidential address.
9. Vote of thanks.

New Delhi
Dated: 14 October 2017


(D.R. Biswas)
Secretary

Indian Society of Soil Science

National Societies Block, National Agricultural Science Centre Complex,
Dev Prakash Shastri Marg, Pusa, New Delhi -110012

Proceedings of the 81st Annual General Body Meeting of the Indian Society of Soil Science (ISSS) held on 21st October, 2017 at the Rajmata Vijayaraje Scindia Krishi Vishwavidyalaya (RVSKVV), Gwalior.

Dr. Jagdish Prasad, President ISSS, chaired the meeting attended by 121 members of the Society. Dr. Jagdish Prasad extended a formal welcome to the Members.

Subsequently the agenda items as circulated earlier were taken up for consideration.

1. Confirmation of the proceedings of the 80th Annual General Body Meeting held on 6-12-2015 at Bangalore.

The Secretary, ISSS briefly highlighted the salient features of the proceedings of the 80th Annual General Body Meeting already circulated among the members and the actions taken thereon. After a brief discussion, the proceedings were confirmed without any modification.

2. Presentation and adoption of the Annual Report of the Society for 2015-2016.

The Annual Report of the Society for the year 2015-2016, as approved by the Council in its meeting held on 17 September 2016 and circulated among the members, was presented by the Secretary of the ISSS. Dr. Jagdish Prasad, President asked for suggestions from the members. After brief discussion, Annual Report as presented by the Secretary was adopted without any modifications.

3. Presentation and adoption of the audited statement of accounts for the year ended 31st March, 2016.

The audited statement of accounts of the Society for the year ended 31st March 2016 was presented by Dr. S.K. Singhal, Treasurer ISSS. After a brief discussion the statement was adopted.

4. Presentation and adoption of the budget estimates for 2017-2018.

Dr. S.K. Singhal presented the budget estimates for 2017-2018 which had been drawn and approved earlier by the Council. With this brief discussion, the budget estimates were adopted by the house without any modifications.

5. Revision of Fee of Members and Student Members from existing Rs. 700 and Rs. 400 per annum to Rs 1000 and Rs 500, respectively.

The Secretary briefed the house about the increase in expenditure incurred in publications of the journal and establishment etc. Therefore, there is a need to revise the membership subscription. After deliberations, the following were the subscription rates approved to become effective from 1st January 2017:

Members : Rs. 1000/-; **Student members:** Rs. 500/-. As per the existing clause, life membership will get revised to Rs. 15,000/- in respect of those who are more than 45 years of age and Rs. 25,000/- for the members of less than 45 years of age.

6. Election of Office Bearers and Councillors in the Council of the Society to the offices falling vacant during 2017 and 2018.

The Secretary informed the house that following the procedure enshrined in the Rules and Regulations, Council in its meeting held on 17 September 2016 had elected the following Office-bearers and recommended the same to the Annual General Body Meeting:

President	:	Dr. S.K. Chaudhari
Vice-President	:	Dr. A.K. Shukla
Secretary	:	Dr. D.R. Biswas
Joint Secretary	:	Dr. K.M. Manjaiah

The Secretary informed that postal ballots for electing 10 Councillors received in Gwalior were counted by a team led by Dr. A.K. Shukla. The ten Councillors elected for the years 2017 and 2018 were: Dr P. Balasubramaniam, Dr U.P.S. Bhadauria, Dr Debashis Chakraborty, Dr O.P. Choudhary, Dr (Mrs) Rita Dahiya, Dr Krishnendu Das, Dr Amlan Kumar Ghosh, Dr Kuntal Mouli Hati, Dr Prakash Ramrao Kadu and Dr (Mrs) S. Sridevi.

The house approved the results and congratulated all the members elected to the Council.

7. Presentation of the following recommendations of the Standing Committee on Policy and By-laws.

- (i) To discuss on the proposal received from Dr. S.S. Kukal for election to the positions of office bearers of ISSS on the pattern of Councillors.
 - The representation made by Dr. S.S. Kukal was discussed in length. The Committee did not consider the proposal of Dr. Kukal for election to the positions of office bearers of ISSS on the pattern of Councillors as the existing Rules and Regulation is working satisfactorily.
- (ii) Any other item with the permission of the chair.
 - The Committee opined that similar type of proposal made by any members related to election of office bearers, if received again and again, may not be considered in future.

Secretary briefed the representations made by Dr. S.S. Kukal and recommendations of the Council, which was discussed in length. After deliberations the house did not consider the proposal of Dr. S.S. Kukal for election to the positions of office bearers of ISSS on the pattern of Councillors.

8. Any other matter with the permission of the Chair (Members of ISSS desirous of raising any point under this item are required to send the same in writing to the Secretary on or before 14 October 2016).

Secretary informed the House that following points have been received from Dr. K. Jeevan Rao.

- (i) Initiation of the ISSS best chapter award
- (ii) Institution of ISSS Associateship for promising Young Scientists and
- (iii) Election of Foreign fellow

After deliberation the house unanimously decided that the ISSS best chapter award may be instituted based on the activities of the Chapter displayed during the Annual Convention. The other two points namely (i) Institution of ISSS Associateship for promising Young Scientists and (ii) Election of Foreign fellows were not accepted.

9. Presidential Address

Dr. Jagdish Prasad in his Presidential Address highlighted the Challenges in Soil Science Education and Research. He focused upon awareness and importance of soil among the society and broad educational process that goes beyond formal education, including the subjectivities of art and spirituality, where values and attitudes towards soil can be reviewed and rebuilt. He further stressed upon the education and course curriculum for under graduate/post graduate to be relooked in view of advancement in science and societal need.

10. Vote of thanks.

The meeting came to a close with a vote of thanks by Dr. K.M. Manjaiah, Joint Secretary, ISSS.



(D.R. Biswas)
Secretary, ISSS

Indian Society of Soil Science
1st Floor, National Societies Block
National Agricultural Science Centre Complex
Dev Prakash Sastri Marg, Pusa, New Delhi -110 012

ANNUAL REPORT 2016-2017

This report includes the salient features of the different activities of the Society during October 2016 – October 2017 and is being presented by the Council at the 82nd Annual General Body Meeting on 12th December, 2017.

COUNCIL (OCTOBER–DECEMBER 2016)

President: Dr. Jagdish Prasad; *Vice-Presidents:* Dr. S.K. Chaudhari and Dr. A.K. Patra; *Secretary:* Dr. D.R. Biswas; *Joint Secretary:* Dr. K.M. Manjaiah; *Assistant Secretary:* Dr. K.K. Bandyopadhyay; *Treasurer:* Dr. S.K. Singhal

Members: Dr. J.S. Kanwar, Dr. D.R. Bhumbra, Dr. S.S. Khanna, Dr. I.P. Abrol, Dr. N.N. Goswami, Dr. G. Dev, Dr. D.K. Das, Dr. M. Velayutham, Dr. P.K. Chhonkar, Dr. G. Narayanasamy, Dr. J.S. Samra, Dr. J.C. Katyal, Dr. A.K. Singh, Dr. B.P. Singh and Dr. R.K. Rattan (Past Presidents; Ex-officio)

Dr. Binay Kumar Agarwal, Dr. Sudashan Kumar Dutta, Dr. Pramod Jha, Dr. Ram Hari Meena, Dr. V.K. Phogat, Dr. S. Raychaudhuri, Dr. Sanjay Kumar Shahi, Dr. (Mrs.) M. Shanti, Dr. Vinod Kumar Sharma, Dr. (Mrs.) Anjali Basumatary, Dr. A.G. Durgude, Dr. B.N. Ghosh, Dr. P.P. Mahendran, Dr. N.B. Prakash, Dr. Rakesh Kumar, Dr. V.P. Ramani, Dr. Mahendra Sharma, Dr. Vinay Kumar Singh, Dr. Dhanyamraju Srinivas and Dr. Sanjay Srivastava

Chief Editor: Dr. B.S. Dwivedi

COUNCIL (JANUARY–OCTOBER 2017)

President: Dr. S.K. Chaudhari; *Vice-Presidents:* Dr. A.K. Patra and Dr. A.K. Shukla; *Secretary:* Dr. D.R. Biswas; *Joint Secretary:* Dr. K.M. Manjaiah; *Assistant Secretary:* Dr. K.K. Bandyopadhyay; *Treasurer:* Dr. S.K. Singhal

Members: Dr. J.S. Kanwar, Dr. D.R. Bhumbra, Dr. S.S. Khanna, Dr. I.P. Abrol, Dr. N.N. Goswami, Dr. G. Dev, Dr. D.K. Das, Dr. M. Velayutham, Dr. P.K. Chhonkar, Dr. G. Narayanasamy, Dr. J.S. Samra, Dr. J.C. Katyal, Dr. A.K. Singh, Dr. B.P. Singh, Dr. R.K. Rattan and Dr. Jagdish Prasad (Past Presidents; Ex-officio)

Dr. (Mrs.) Anjali Basumatary, Dr. A.G. Durgude, Dr. B.N. Ghosh, Dr. P.P. Mahendran, Dr. N.B. Prakash, Dr. Rakesh Kumar, Dr. V.P. Ramani, Dr. Mahendra Sharma, Dr. Vinay Kumar Singh, Dr. Dhanyamraju Srinivas, Dr. Sanjay Srivastava, Dr. P. Balasubramaniam, Dr. U.P.S. Bhadauria, Dr. Debashis Chakraborty, Dr. O.P. Choudhary, Dr. (Mrs.) Rita Dahiya, Dr. Krishnendu Das, Dr. Amlan Kumar Ghosh, Dr. Kuntal Mouli Hati, Dr. Prakash Ramrao Kadu and Dr. (Mrs.) S. Sridevi

Chief Editor: Dr. B.S. Dwivedi

Editorial Board (2017)

Chief Editor: Dr. B.S. Dwivedi

Editors: Dr. Tapan Adhikari, Dr. Sanjay Arora, Dr. Pratap Bhattacharyya, Dr. Ranjan Bhattacharyya, Dr. Debashis Chakraborty, Dr. O.P. Choudhary, Dr. Rita Dahiya, Dr. R.M. Karmakar, Dr. D.K. Kundu, Dr. S.K. Mahapatra, Dr. M.C. Manna, Dr. K. Sammi Reddy, Dr. Dhyan Singh, Dr. S.K. Singh, Dr. Yadvinder Singh, Dr. Dwipendra Thakuria; Dr. D.R. Biswas (*Ex-officio*) and Dr. K.M. Manjaiah (*Ex-officio*)

International Consulting Editors: Dr. J.D. Beaton, Dr. K. Harmsen, Dr. Rattan Lal and Dr. Paul L.G. Vlek

MEMBERSHIP AND SUBSCRIBERS

The membership position at close of the year 2016 was as follows:

Honorary Members 19; Life Members 789; Members 1092; Student Members 585; Donor Members 14; and the total being **2499**.

As on 10th October, 2017 the position is:

Honorary Members 19; Life Members 795; Members 1062; Student Members 574; Donor Members 14; and the total being **2464**.

Subscription for the Journal

During 2016: Indian 90 and Complimentaries 11; total = 101

As on 10th October, 2017: Indian 76 and Complimentaries 11; total = 87

81ST ANNUAL CONVENTION

The 81st Annual Convention of the Indian Society of Soil Science (ISSS) was held at the Rajmata Vijayaraje Scindia Krishi Vishwavidyalaya (RVSKVV), Gwalior during October 20-23, 2016. A brief report on the Convention is presented hereunder.

Inaugural Session

The inaugural session was held on 20th October 2016 at the Auditorium, College of Agriculture, RVSKVV, Gwalior. On behalf of the Gwalior Chapter of the ISSS, Dr. Anil Kumar Singh, Vice Chancellor, RVSKVV, welcomed the delegates and expressed this event as a unique platform for interaction in their domain of contemporary research. Dr. Jagdish Prasad, President, ISSS, extended a warm welcome to the Chief Guest, Shri Radha Mohan Singh, Hon'ble Union Minister for Agriculture and Farmers Welfare, Government of India; the Chairman, Shri Narendra Singh Tomar, Hon'ble Minister for Rural Development and Panchayati Raj, Govt. of India; Dr. Ashok Kumar Singh, Deputy Director General (Agricultural Extension), ICAR, New Delhi; Dr. Anil Kumar Singh, Hon'ble Vice Chancellor, RVSKVV, Gwalior; Hon'ble Past Presidents, ISSS present in the inaugural ceremony, members of the Council of ISSS, University officials, delegates from all parts of the country; and other distinguished guests. Chief Guest, Shri Radha Mohan Singh, Hon'ble Union Minister for Agriculture and Farmers Welfare, Government of India presented the Honorary Memberships, Fellowships and various Awards of the ISSS for 2016. Dr. D.R. Biswas, Secretary read the citations. A set of publications brought out on the occasion of the Convention were released during the inaugural ceremony. Shri Radha Mohan Singh, Hon'ble Union Minister for Agriculture and Farmers Welfare, Government of India delivered the inaugural address. Inaugural function formally came to a close with a vote of thanks by Dr. S.K. Verma, President, Gwalior Chapter of ISSS.

During the Convention three special lectures were organized. The 34th Prof. J.N. Mukherjee - ISSS Foundation Lecture was delivered by Dr. D.D. Patra, Vice Chancellor, BCKV, Kalyani. He delivered the lecture on the topic "**Unravelling Plant-Rhizosphere-Microbe Interactions: An Overview**" on 20th October 2016. Dr. D.K. Das, Former Past President ISSS, New Delhi chaired the session. **Special Lecture** was delivered by Dr. J.C. Katyal, Former Vice Chancellor, CCSHAU on the topic "**Climate Smart Agriculture - A Concept for Holistic Management of Natural Resources**" on 20th October 2016. Dr. G. Dev, Former Past President ISSS, chaired this session. The 43rd Dr. R.V. Tamhane Memorial Lecture was delivered on 21st October 2016 by Dr. Pradeep K. Sharma, Vice Chancellor, Jammu on the topic "**Nutrient - Water Management for Sustainable Soil Health and Crop Productivity**". Dr. J.S. Samra, Ex CEO, National Rainfed Area Authority, New Delhi, chaired the session.

Special symposium on "**Sustainable Pulse Production: from Less for More**"

Half-a-day **Special symposium on "Sustainable Pulse Production: from Less for More"** was held on 21st October 2016 with Dr. S.K. Chaudhari, Assistant Director General (SWM), ICAR, New Delhi in the Chair, and Dr. A.K. Patra, Director, ISSS, Bhopal was the Convener. Speakers in the session included Drs. S.K. Chaudhari, New Delhi, A.K. Patra, Bhopal, S.K. Ambast, Bhubaneswar, B.B. Singh, New Delhi.

National Seminar

A National Seminar on '**Developments in Soil Science - 2016**' was organized, in which a total of **103** papers in **oral** and **143** papers in **poster** sessions were presented on 20th afternoon, 21st afternoon and 22nd October 2016 forenoon. Out of the poster presentations spread over three sessions, following three were selected for the **Best Poster Presentation Award**:

1. Effect of tillage and residue retention practices on soil temperature and wheat yields. **Kaur, Amandeep; Singh, Meharban; Kukal, SS**
2. Effect of diatomite (DE) as silicon (Si) source under cropped and non-cropped condition of wetland rice. **Sandhya, K; Prakash, NB; Yogananda, SB**
3. Characterizations, classification and evaluation of soils developed from different parent materials in semi-arid region of Srikalahasthi mandal in Chittoor district, Andhra Pradesh. **Naidu, MVS; Manikhomba Singh, KSH**

Chapter Activities

Following an encouraging response during the previous years, Chapters of ISSS were invited to display in the form of posters their activities of the preceding one year. These posters remained on display on 20-22 October 2016 with one of the Chapter representatives available for discussion for a limited time fixed each day. The Chapters participating in this programme were: Akola, Bangalore, Delhi, Gwalior, Hyderabad, Indore, Jorhat, Ludhiana and Ranchi. Poster presentations were informative, interesting and well laid-out. Visitors appreciated the efforts of the Chapters.

Cultural Programme

Cultural programme, performed by the **Cream Star Entertainment Group**, was very marvelous in this technically-rich convention on the evening of 20th October 2016. All the delegates enjoyed and appreciated this programme.

Concluding Session

The concluding session was held on 22nd October 2016 with Dr. Jagdish Prasad, President of the ISSS in the chair. In-depth review of all the special and technical sessions including Special symposium on “**Sustainable Pulse Production: from Less for More**” was made. Members were requested to offer their comments on the several activities carried out during the preceding three days. Members made many useful suggestions. Dr. Trisha Roy was awarded the ISSS Best Doctoral Research Presentation Award for the year 2016, while the other contestants, namely, Dr. P. Geetha, Dr. Tapan Gorai, Dr. M.R. Mayadevi and Dr. Deepak Gangadhar Padekar, Dr. Anuradha Kailasrao Pawar and Dr. Pritpal Singh were given Commendation Certificates. Anandkumar Naorem, Chavan Ritesh Satish, Siddhartha Sankar Biswas and B.R. Iniyalakshmi were awarded the Zonal Award from East Zone, West Zone, North Zone and South Zone, respectively. Dr. J.S. Samra, Former CEO, NRAA, Govt. of India presented ISSS Best Doctoral Research Presentation Award. Dr. A.K. Singh, Vice Chancellor, RVSKVV presented the commendation certificates and zonal award. Efforts made by the Members of the Gwalior Chapter in making the Convention a memorable and grand success were highly commended; the delegates gave the standing ovation to the organizers. At the end of the concluding session, the annual convention was declared formally closed by Dr. Jagdish Prasad, President of the ISSS.

BUSINESS MEETINGS

81st Annual General Body Meeting

The 81st Annual General Body Meeting of ISSS was held on 21 October 2016. Dr. Jagdish Prasad, President of the ISSS, chaired the meeting attended by **121 members** of the Society. The business of the meeting as per the listed agenda, was transacted. The proceedings of the 80th Annual General Body Meeting held on 6 December, 2015 at Bangalore, were considered and confirmed by the house. Dr. D.R. Biswas, Secretary presented the Annual Report of the Society for the period October 2015 – September 2016; it was adopted by the house. The audited statement of the accounts for the year ended 31 March 2016 and budget estimates for 2017-2018 were presented by Dr. S.K. Singhal, Treasurer; these were adopted by the house after some discussion and clarifications. The results of election for filling the offices falling vacant for 2017 and 2018 were announced; Dr. S.K. Chaudhari, ADG (SWM), ICAR was elected President; Dr. A.K. Shukla, Project Coordinator, Indian Institute of Soil Science, Bhopal was elected Vice President; Dr. D.R. Biswas, Principal Scientist, SSAC, IARI, and Dr. K.M. Manjaiah, Principal Scientist, SSAC, IARI, New Delhi were elected as the Secretary and Joint Secretary, respectively. The 10 Councillors, declared elected were Dr. P. Balasubramaniam, Dr. U.P.S. Bhaduria, Dr. Debashis Chakraborty, Dr. O.P. Choudhary, Dr. Rita Dahiya, Dr. Krishnendu Das, Dr. Amlan Kumar Ghosh, Dr. Kuntal Mouli Hati, Dr. Prakash Ramrao Kadu and Dr. S. Sridevi. The members elected were felicitated in the Annual General Body meeting. In any other matter there was agenda from Dr. K. Jeevan Rao. After deliberation members unanimously decided that the ISSS best chapter award may be instituted based on the activities of the Chapter displayed during the Annual Convention. The other two points namely (i) Institution of ISSS Associateship for promising Young Scientists and (ii) Election of Foreign fellows were not accepted. Dr. Jagdish Prasad delivered the presidential address. The meeting came to a close with a vote of thanks by Dr. K.M. Manjaiah, Joint Secretary, ISSS.

Council Meetings

The Council met three times in 2017, on 18th March, 24th June, and 14th October, 2017 to transact the business of the Society. All the meetings were chaired by Dr. S.K. Chaudhari, President. Members of the Council attended these meetings in large numbers and contributed substantially to the proceedings of these meetings.

FINANCE

The financial position of the Society continues to be satisfactory. The Society was sanctioned Rs. 1,50,000/- as grant-in-aid by ICAR during 2016-2017 for the publication of the Journal of the Society and Rs. 5,00,000/- for organizing the Convention in Gwalior. The audited statement of accounts for the year ended 31st March, 2017 and the budget estimates for the year 2018-2019 drawn by the Council are being placed for approval at the 82nd Annual General Body Meeting.

PUBLICATIONS

Journal: The third and fourth issues (September & December 2016) of the Journal of the Indian Society of Soil Science, Vol. **64** were brought out. Volume **64** for the year 2016 covered **438** pages. The supplementary issue of 2016 containing the memorial lectures delivered in 2016 is being published. So far September 2017 issue of the Journal (Vol. **65** for 2017) has been brought out and it run into **348** pages.

EDITORIAL BOARD REPORT

Editorial Board continued a comprehensive analysis of publications in the JISSS *vis-a-vis* leading journals in the world. For improving the visibility of its Journal and enhancing the quality of the papers published in the JISSS, it was decided that the author(s) may take the responsibility as per JISSS style while submitting the paper. The editor may scrutinize the manuscript carefully before assigning to a reviewer. Editors may give complete comments at one time only, no fresh comments at second time. Members of ISSS are requested to cite the references of JISSS in their paper.

LINKS WITH THE INTERNATIONAL UNION OF SOIL SCIENCES

The Indian Society of Soil Science is Full Member in the Category of Nations in Development. Society's subscription to the IUSS has been sent for the current year.

CHAPTER ACTIVITIES

Most of the Chapters of the Society located at Annamalainagar, Akola, Allahabad, Anand, Bangalore, Bapatla, Bhopal, Bichpuri (Agra), Bhubaneswar, Coimbatore, Cuttack, Dantiwada, Dapoli, Delhi, Dharwad, Faizabad, Gwalior, Hisar, Hyderabad, Indore, Imphal, Jabalpur, Jammu, Jobner, Jodhpur, Jorhat, Kalyani, Kanpur, Karnal, Kolkata, Kota, Lucknow, Ludhiana, Modipuram, Nagpur, Navasari, Palampur, Pantnagar, Parbhani, Pusa (Bihar), Rahuri, Raipur, Ranchi, Sabour, Shillong, Shimoga, Sriniketan, Thrissur, Tirupati, Udaipur and Varanasi remained active in promoting the aims and objectives of the Society by organizing conferences, meetings, seminars, group discussions, special lectures, etc. A number of Chapters are bringing out Newsletters periodically and also the Annual Reports. Following an encouraging response during the previous years, Chapters of ISSS were invited to display in the form of posters their activities of the preceeding one year. These posters remained on display on 20-22 October 2016 with one of the Chapter representatives available for discussion for a limited time fixed each day. The Chapters participated in this programme were: Akola, Bangalore, Delhi, Gwalior, Hyderabad, Indore, Jorhat, Ludhiana and Ranchi. Poster presentations were informative, interesting and well laid-out. Visitors appreciated the efforts of the Chapters. Invitation to the Chapters has also been extended this year.

Memorial Lectures: Following chapters who were assigned the responsibility of organizing the different lectures did/ are doing a commendable job in organizing these lectures as is evident from the following table.

Memorial lecture	Organizing chapter	Speaker	Delivered on/ to be delivered
Dr. SP Raychaudhuri	Jodhpur	Dr. B.R. Chhipa	Date yet to be finalized
Dr. DP Motiramani	Lucknow	Dr. B.S. Dwivedi	10-10-2017
Dr. BV Mehta	Jorhat	Dr. N.C. Talukdar	23-10-2017
Dr. NS Randhawa	Raipur	Dr. T.K. Adhya	22-09-2017
Dr. RS Murthy	Coimbatore	Dr. C. Devakumar	28-08-2017
Dr. RR Agarwal	Jammu	Dr. O.P.Choudhary	16-10-2017
Dr. TD Biswas	Kalyani	Dr. J.K. Saha	22-11-2017
Prof. SK Mukherjee	Hisar	Dr. Ramesh Chandra	22-09-2017
Dr. GS Sekhon	Bhubaneswar	Dr. Anil Kumar Singh	31-10-2017
Dr. NP Datta	Jabalpur	Dr. Priyankar Raha	11-09-2017
Dr. S.N. Saxena	Dharwad	Dr. C.A. Srinivasamurthy	Date yet to be finalized

ISSS Best Doctoral Research Presentation Award: During 2017 the first round of this contest was organized in South Zone by **Tirupati** Chapter on 12 September, 2017, East Zone by **Sabour** Chapter on 8 September, 2017; West Zone by **Rahuri** Chapter on 4 October 2017 and North Zone by **Palampur** Chapter on 18 September, 2017.

Zonal Award Contests: The ISSS Zonal Award Contests were organized for the East, West, North and South Zones at Sabour, Rahuri, Palampur and Tirupati, respectively.

ACKNOWLEDGEMENTS

Sincere thanks are placed on record to the Indian Council of Agricultural Research for the grant of financial support of Rs 150,000/- for the publication of Journal of the Society and Rs. 5,00,000/- for organizing the Convention in Gwalior. Help and support extended by the Gwalior Chapter of ISSS and Rajmata Vijayaraje Scindia Krishi Vishwavidyalaya (RVSKVV), Gwalior in organizing the 81st Annual Convention of ISSS are gratefully acknowledged. The assistance of various kinds received for the smooth and effective functioning of the Society from its members and a large number of institutes, organizations, associations and individuals are gratefully acknowledged.

INDIAN SOCIETY OF SOIL SCIENCES
DIVISION OF SOIL SCIENCE AND AGRICULTURE CHEMISTRY, IARI, PUSA CAMPUS, NEW DELHI- 110012
RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2017

RECEIPTS	AMOUNT (Rs) 31-03-2017	AMOUNT (Rs) 31-03-2016	PAYMENTS	AMOUNT (Rs) 31-03-2017	AMOUNT (Rs) 31-03-2016
To Opening Balance					
- Cash in Hand	750.00		By Annual Convention / Conference Exp.		150,000.00
- Syndicate Bank	267,760.00	230,069.47	- Secretariat Assistance	177,000.00	153,445.00
- Postal Stamps in hand	54,382.00	17,249.00	- Printing of Circular/ Souvenir	116,282.00	66,482.00
			- Stationary & Photocopies	72,450.00	133,518.00
Long Term Investments			- Incidental Expenses	186,640.00	125,540.00
Reliance Mutual Fund			- TA & DA to the invited speakers	79,148.00	3,090.90
Unit Trust of India	717,675.65	717,675.65	By Bank Charges	2,894.85	110,833.26
ICICI	664,020.25	664,020.25	By IUSS Membership Fees	108,211.70	
			By Travelling Expenses	21,150.00	
Fixed Deposits	6,663,634.69	6,557,736.02	By Website		11,115.00
			By Accounting Charges	9,600.00	9,000.00
Grant Receivable		150,000.00	By Audit Fees		31,920.00
			By Award & Fellowship	105,135.00	100,365.00
To Collection from Members			By Cost of Journals	543,361.00	785,734.00
- Life Membership Subscription	78,500.00	95,360.00	By Publication of Text Book	686,400.00	
- Membership Subscription	1,232,742.00	934,380.00	By Council meeting Expenses	504,807.00	220,423.00
			By Lecture and Medals	33,067.00	52,555.00
To Amount received for Lecture/Award			By Miscellaneous expenses	80.00	3,390.00
To ICAR Grant Received			By Office Rent	75,000.00	75,000.00
To ICAR for Annual Convention/ Symposium			By Office Expenses	7200	11,780.00
To ICAR Grant Receipts for Publication of Journal			By Postal Exp.	324931	340,986.00
To Publication Receipts	500,000.00	375,000.00	By Practical Book		14,626.00
To Journal Receipts	150,000.00	150,000.00	By Printing & Stationery	61852	52,088.00
To Interest on saving bank	725,021.00	343,050.00	By Publication of Abstracts	4160	6,000.00
To Interest on fixed deposit	442,744.00	552,552.00	By Publication of Bulletins	2700	1,850.00
To Miscellaneous receipt	13,707.00	15,264.45	By Publication of Ballot Paper	4341	
To Institutional Member	18,792.49	186,011.91	By Repair & Maintenance	58255	42,178.00
To Annual Convention	300.00	1,950.00	By Salary	654300	554,070.00
-Registration	7,000.00		By Staff welfare	223990	13,065.00
-Sponsorship	504,025.00	146,000.00	By Telephone & Fax	26121	26,139.00
			By Payment To Creditors	1943	4,103.00
	350,000.00	375,000.00	By Telephone Exp. Payable		
			By Fixed Assets Purchased		43,800.00
			By Closing Balance		
			- Cash in Hand	1,000.00	750.00
			- Balance with Syndicate bank	165,436.46	267,760.00
			- Postal Stamps in Hand	29,201.00	54,382.00
			Long Term Investments(Mutual Fund)		
			- Unit Trust of India MF	717,675.65	717,675.65
			- ICICI MF	664,020.25	664,020.25
			Fixed Deposits	6,372,701.17	6,663,634.69
Total	12,041,054.08	11,511,318.75		12,041,054.08	11,511,318.75

For S.M.VARMA & Co.
Chartered Accountants
SUDHAR VARMA
FCA, CIA(USA)

Date : 26-08-2017
Place : New Delhi

For Indian Society of Soil Sciences

D.R. Biswas
D.R. Biswas
Secretary

S.K. Singhal
S.K. Singhal
Treasurer

INDIAN SOCIETY OF SOIL SCIENCE

BUDGET ESTIMATES FOR 2018-2019

RECEIPT	AMOUNT (Rs)	EXPENDITURE	AMOUNT (Rs)
Membership subscription	12,00,000	Publication of Journal/ NL	7,00,000
Journal subscription	7,00,000	Publication of miscellaneous	50,000
Sale of publications	3,50,000	Postal expenses	3,00,000
ICAR Grant	1,50,000	Establishment (Salary)	7,50,000
Interest & Dividends	4,00,000	Stationery	70,000
Revenue from Annual Convention	2,50,000	Audit Fee	30,000
		Telephone, Fax & Internet	40,000
		Conveyance (Local Travelling)	17,000
		Contingency (Staff welfare)	7,000
		Annual Convention	2,00,000
		Awards & Fellowship	
		- Honorary Member/Platinum Jubilee	20,000
		- Fellowship	20,000
		- 12 th International/Golden Jubilee	10,000
		- Dr. J.S.P. Yadav Memorial Award	5,000
		- Zonal/ISSS Best Doctoral Presentation Award	20,000
		- Prof. Sant Singh Memorial Award	5,000
		Dr. S.P.Raychaudhuri Memorial Lecture	5,000
		Dr. S.P.Raychaudhuri Gold Medal	5,000
		Prof. J.N. Mukherjee-ISSS Foundation Lecture	5,000
		Dr. R.V.Tamhane Memorial Lecture	5,000
		Dr. D.P.Motiramani Memorial Lecture	5,000
		Dr. B.V. Mehta Memorial Lecture	5,000
		Dr. N.S.Randhawa Memorial Lecture	5,000
		Dr. R.S. Murthy Memorial Lecture	5,000
		Dr. R.R. Agarwal Memorial Lecture	5,000
		Dr. T.D. Biswas Memorial Lecture	5,000
		Prof. S.K. Mukherjee Memorial Lecture	5,000
		Dr. G.S. Sekhon Memorial Lecture	5,000
		Dr. N.P.Datta Memorial Lecture	5,000
		Dr. S.N. Saxena Memorial Lecture	5,000
		TA to Office-Bearers	45,000
		TA to Past-Presidents	50,000
		Publication of Bulletin	25,000
		Council Meetings including TA	4,00,000
		Office Rental & Maintenance	2,00,000
		21 st World Congress of Soil Science	2,00,000
		IUSS Membership	1,25,000
Total	30,50,000	Total	33,59,000