



INDIAN SOCIETY OF SOIL SCIENCE

1st 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, iss1934secretary@gmail.com)

83rd ANNUAL CONVENTION (November 27-30, 2018) *Final Announcement*

As per the First Announcement dated 30 June 2018 the 83rd Annual Convention of the Indian Society of Soil Science will be held at the Anand Agricultural University, Anand during **November 27-30, 2018** (Tuesday to Friday). *The tentative programme is as follows:*

November 27, 2018 (Tuesday)

- 0800 - 0930 Registration
- 1000 - 1130 Inaugural Function
- 1130 - 1200 Tea
- 1200 - 1300 **36th Prof. J.N. Mukherjee-ISSS Foundation Lecture** by Dr. Yadvinder Singh, INSA Senior Scientist and Ex-Head, Department of Soil Science, PAU, Ludhiana
Topic: **Conservation Agriculture for Sustainable Soil Health and Climate Change Mitigation**
- 1300 - 1400 Lunch
- 1400 - 1600 **National Seminar** on "Developments in Soil Science - 2018"
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. Singh, Secretary, NAAS, New Delhi
Topic: **Water Security: A Reality Check**
- 1900-2030 Cultural Programme
- 2030 Dinner

November 28, 2018 (Wednesday)

- 0900 - 1000 **45th Dr. R.V. Tamhane Memorial Lecture** by Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM, Hyderabad
Topic: **Soil Carbon Sequestration – Research, Technology and Policy Implementation Means**
- 1000-1030 Tea
- 1030-1300 Special symposium on "**Challenges and Opportunities in Rainfed Agriculture under Changing Climate Scenario**"
- 1300-1400 Lunch
- 1400-1530 **National Seminar** on "Developments in Soil Science - 2018"
Session IIa (Oral Presentations)
Hall 1 — Soil Fertility II
Hall 2 — Soil Chemistry II
Hall 3 — Soil Physics and Soil Engineering & Technology
Hall 4 — ICRAF Sponsored Concurrent Session on "Recent Technologies of Soil Health Assessment"
- 1530-1630 *Session IIb (Poster Presentations)*

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

November 29, 2018 (Thursday)

0900-1100 **ISSS Best Doctoral Research Presentation Award Contest** (Final Round)
1100-1130 Tea
1130-1330 National Seminar on “Development in Soil Science – 2018”
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

November 30, 2018 (Friday) *Field Trip (Optional)*

NATIONAL SEMINAR

Oral Presentations: For oral, power point presentation of papers a maximum of 8 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 3500/- (Rs 1500/- 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 **20 November 2018**. **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 27 November 2018 onwards. **Outstation cheque will not be accepted.** *Registration fee once paid shall neither be refunded nor transferred to any other purpose or person.*

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-served 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 in the prescribed format to the organizers at Anand. The payment may be made in the name of “**ISSS CONVENTION-2018**” through demand draft (no outstation cheque will be accepted) drawn at ANAND and sent by registered post/speed post/courier to **Dr. V. P. RAMANI, Organising Secretary, 83rd Annual Convention of ISSS, B. A. College of Agriculture, Anand Agricultural University, Anand – 388 110, Gujarat** or by direct online bank transfer (**Central Bank of India A/C No. 3683896971, IFSC Code: CBIN0281262**). 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 taxes) for different types of rooms are as follows:

1. **Hotel (A/C single or double-bedded rooms):**
Tariff slabs Rs. 1500-2000, 2000-2500, 2500-3000, 3000-4000 per room/day
2. **Guest House (University/Institutes) Limited numbers of rooms:**
A/C (single or double-bedded rooms): Tariff Rs. 100-250 per bed/day
Non-A/C (single or double-bedded rooms): Tariff Rs. 100 per bed/day
Non-A/C (dormitory): Tariff Rs. 30-50 per bed/day


Transport Facility: The transport facility will be available at Ahmedabad Airport, Vadodara Airport and Anand Railway Station as well as at the National Expressway-1 (Ahmedabad-Vadodara) near Anand exit for the delegates who indicate their detailed travel plan (date and time of arrival, train/flight name/number, Bus details) well in advance. Further, Anand is well connected with Ahmedabad (80 km) and Vadodara (40 km) by railways. Therefore, delegates are kindly requested to make their onwards journey from Ahmedabad/Vadodara to Anand railway station.

The detailed travel plan for the transport facility may kindly be sent to **Dr. Vimal J. Patel** (Mobile: 098984 25999, Email: isssanand.trans@gmail.com) or **Dr. R.G. Parmar** (Mobile: 096380 34617, Email: isssanand.trans@gmail.com). Regarding accommodations, kindly contact **Dr. Kalyanrao Patil** (Mobile: 07600869603, Email: isssanand.accommo@gmail.com) or **Dr. Aakash Mishra** (Mobile: 09411370393, Email: isssanand.accommo@gmail.com).

Climate

The climate of Anand in the last week of November month is mild cool and pleasant. The mean maximum and minimum temperatures are 33 °C and 18 °C, respectively.

New Delhi
Dated 27 October 2018


(D.R. Biswas)
Secretary

Note: **Dr. V.P. Ramani** and **Dr. K.C. Patel** are the key persons to be contacted for any information regarding registration and all other local arrangements at Anand. Their addresses are given below:

Dr. V.P. Ramani, Organising Secretary, 83rd Annual Convention of ISSS, Scientist In-charge, Micronutrient Project (ICAR), Anand Agricultural University, Anand – 388 110, Gujarat. **Mobile:** 9601279251, **Email:** isssanand@gmail.com, vpramani@yahoo.com

Dr. K.C. Patel, Treasurer, Anand Chapter of ISSS; Associate Professor, B. A. College of Agriculture, Anand Agricultural University, Anand – 388 110, Gujarat. **Mobile:** 9924047101, **Email:** isssanand@gmail.com, kcpatel_05@yahoo.co.in

83rd Annual General Body Meeting Notice

Date: 28 November 2018 (Wednesday)

Time: 5:30 PM

Venue: Anand Agricultural University, Anand

AGENDA

1. Confirmation of the proceedings of the 82nd Annual General Body Meeting held on 12-12-2017 at Kolkata.
2. Presentation and adoption of the Annual Report of the Society for 2017-2018.
3. Presentation and adoption of the audited statement of accounts for the year ended 31st March, 2018.
4. Presentation and adoption of the budget estimates for 2019-2020.
5. To consider to stop printing of the hard copies of the JISSS and send the soft copy only to the members.
6. Election of Office Bearers and Councillors in the Council of the Society to the offices falling vacant during 2019 and 2020.
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 19 November 2018*).
8. Presidential address.
9. Vote of thanks.

New Delhi
Dated: 27 October 2018



(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 82st Annual General Body Meeting of the Indian Society of Soil Science (ISSS) held on 12th December, 2018 at the Amity University, Kolkata.

Dr. S.K. Chaudhari, President ISSS, chaired the meeting attended by 122 members of the Society. Dr. Chaudhari 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 81st Annual General Body Meeting held on 21-10-2016 at Gwalior.

The Secretary, ISSS briefly highlighted the salient features of the proceedings of the 81st 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 2016-2017.

The Annual Report of the Society for the year 2016-2017, as approved by the Council in its meeting held on 14 October 2017 and circulated among the members, was presented by the Secretary of the ISSS. Dr. S.K. Chaudhari, 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, 2017.

The audited statement of accounts of the Society for the year ended 31st March 2017 was presented by Dr. S.K. Singhal, Treasurer ISSS. Dr. G. Narayanasamy pointed out the expenditure incurred on the meeting of the Council and suggested to relook by the Council. After a brief discussion the statement was adopted.

4. Presentation and adoption of the budget estimates for 2018-2019.

Dr. S.K. Singhal presented the budget estimates for 2018-2019 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. 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.

After some deliberations, the amendment was accepted.

6. Election of Office Bearers and Councillors in the Council of the Society to the offices falling vacant during 2018 and 2019.

The Secretary informed the house that following the procedure enshrined in the Rules and Regulations, Council in its meeting held on 14 October 2017 had elected the following Office-bearers and recommended the same to the Annual General Body Meeting:

Vice-President : Dr. Vandana Dwivedi
Assistant Secretary : Dr. K.K. Bandyopadhyay
Treasurer : Dr. M.C. Meena

The Secretary informed that postal ballots for electing 10 Councillors received in Kolkata were counted by a team led by Dr. B.K. Agarwal. The ten Councillors elected for the years 2018 and 2019 were: Dr T. Chikkaramappa, Dr S.K. Gangopadhyay, Dr N.K. Lenka, Dr Ramawatar Meena, Dr K.C. Patel, Dr M.K. Sharma, Dr S.K. Sharma, Dr Dhanwinder Singh, Dr K.P. Vaidya, Dr (Smt) Shashi S. Yadav.

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

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*).

Nil

8. Presidential Address

Dr. S.K. Chaudhari in his Presidential Address highlighted the challenges before Soil Science. He focused upon characterizing and conserving soil-biodiversity; economic saving from residue retention; achieving self reliance in crop fertilization through indigenous mineral and by-product sources; developing efficient technologies of waste recycling municipal and solid waste (MSW); tackling environmental contaminants and developing climate resilient agriculture; developing energy efficient agriculture and opportunity to promote conservation agriculture

9. 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 2017-2018

This report includes the salient features of the different activities of the Society during November 2017 – October 2018 and is being presented by the Council at the 83rd Annual General Body Meeting on 28th November, 2018.

COUNCIL (NOVEMBER–DECEMBER 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. Bhumbla, 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

COUNCIL (JANUARY–OCTOBER 2018)

President: Dr. S.K. Chaudhari; *Vice-Presidents:* Dr. A.K. Shukla and Dr. (Mrs.) Vandana Dwivedi; *Secretary:* Dr. D.R. Biswas; *Joint Secretary:* Dr. K.M. Manjaiah; *Assistant Secretary:* Dr. K.K. Bandyopadhyay; *Treasurer:* Dr. M.C. Meena

Members: Dr. J.S. Kanwar, Dr. D.R. Bhumbla, 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. 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, Dr. (Mrs.) S. Sridevi, Dr. T. Chikkaramappa, Dr. S.K. Gangopadhyay, Dr. N.K. Lenka, Dr. Ramawatar Meena, Dr. K.C. Patel, Dr. M.K. Sharma, Dr. S.K. Sharma, Dr. Dhanwinder Singh, Dr. K.P. Vaidya and Dr. (Mrs.) Shashi S. Yadav

Chief Editor: Dr. B.S. Dwivedi

Editorial Board (2018)

Chief Editor: Dr. B.S. Dwivedi

Editors: : Dr. Tapan Adhikari, Dr. Sanjay Arora, Dr. Ranjan Bhattacharyya, Dr. Debashis Chakraborty, Dr. O.P. Choudhary, Dr. Rita Dahiya, Dr. R.M. Karmakar, Dr. S.K. Mahapatra, Dr. B. Maji, Dr. A.K. Nayak, Dr. K. Sammi Reddy, Dr. A.K. Shukla, 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 2017 was as follows:

Honorary Members 20; Life Members 793; Members 1073; Student Members 582; Donor Members 14; and the total being **2482**.

As on 18th October, 2018 the position is:

Honorary Members 20; Life Members 797; Members 1024; Student Members 665; Donor Members 14; and the total being **2520**.

Subscription for the Journal

During 2017: Indian 81 and Complimentaries 11; total = 92

As on 18th October, 2018: Indian 56, Foreign 5 and Complimentaries 11; total = 72

82ND ANNUAL CONVENTION

The 82nd Annual Convention of the Indian Society of Soil Science (ISSS) was held at the Amity University, Kolkata during December 11-14, 2017. A brief report on the Convention is presented hereunder.

Inaugural Session

The inaugural session was held on 11th December 2017 at the Auditorium, Amity University, Kolkata. On behalf of the Kolkata Chapter of the ISSS, Dr. H.S. Sen, President, Organizing Committee, welcomed the delegates and expressed this event as a unique platform for interaction in their domain of contemporary research. Dr. S.K. Chaudhari, President, ISSS, extended a warm welcome to the Chief Guest, Dr. Asish Banerjee, Hon'ble MIC Agriculture, Govt. of West Bengal; the Special Guest of Honour, Dr. Trilochan Mohapatra, Director General (ICAR) & Secretary (DARE), GOI; Prof. Drubajyoti Chattopadhyay, Vice Chancellor, Amity University, Kolkata; 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, Dr. Asish Banerjee, Hon'ble MIC Agriculture, Govt. of West Bengal presented the Honorary Memberships, Fellowships and various Awards of the ISSS for 2017. 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. Dr. Asish Banerjee, Hon'ble MIC Agriculture, Govt. of West Bengal delivered the inaugural address. Inaugural function formally came to a close with a vote of thanks by Dr. Dipak Sarkar, Working President, Organizing Committee, Kolkata Chapter of ISSS.

During the Convention three special lectures were organized. The 35th Prof. J.N. Mukherjee - ISSS Foundation Lecture was delivered by Dr. B. Venkateswarlu, Vice Chancellor, VNMAU, Parbhani. He delivered the lecture on the topic "**Soil Microbiology: The New Frontiers**" on 11th December 2017. Dr. S.S. Khanna, Former Past President ISSS, New Delhi chaired the session. **Special Lecture** was delivered by Dr. A.K. Sikka, IWMI, New Delhi on the topic "**Managing Water-Land-Energy and Food Nexus for Sustainable Development**" on 11th December 2017. Dr. J.C. Katyal, Former Past President ISSS, chaired this session. The 44th Dr. R.V. Tamhane Memorial Lecture was delivered on 12th December 2017 by Dr. R.K. Rattan, former Incharge, CESCRA (IARI) and Past President ISSS, New Delhi on the topic "**Quo Vadis Zinc Research: Golden March with Green Revolution**". Dr. J.S. Samra, Ex-CEO, National Rainfed Area Authority, New Delhi, chaired the session.

Special Symposium on "Soil, Nutrient and Water Management Interventions towards Doubling Farmers' Income"

Half-a-day Special Symposium on "Soil, Nutrient and Water Management Interventions towards Doubling Farmers' Income" was held on 12th December 2017 with Dr. Tapas Bhattacharyya, Vice Chancellor, BSKKV, Dapoli in the Chair, and Dr. S.K. Chaudhari, Assistant Director General (SWM), ICAR, New Delhi as the Convener. Speakers in the session included Drs. S.K. Chaudhari, New Delhi, Gopal Kumar, Dehradun, Himanshu Pathak, Cuttack, N. Ravisankar, Modipuram, J.P. Mishra, New Delhi.

National Seminar

A National Seminar on 'Developments in Soil Science - 2017' was organized, in which a total of 88 papers in oral and 108 papers in poster sessions were presented on 11th afternoon, 12th afternoon and 13th December 2017 forenoon. Out of the poster presentations spread over three sessions, following three were selected for the Best Poster Presentation Award:

1. Optimization of NPK fertigation levels of tomato (Heema sohna) under different irrigation levels with and without mulch under open condition. **M Uma Devi, L Suhasini, B Manga, G Swathi**
2. Soil resource mapping of Dumka block, Dumka district, Jharkhand for perspective land use plan. **AK Sahoo, DC Nayak, SK Gangopadhyay, S Bandyopadhyay, S Gupta Choudhury**
3. (i) Potassium supply capacity of soils in relation to mineralogy under mulberry land use system in North-eastern Himalayan region. **Anshuman Das, DR Biswas, D Das, R Das, P Ray, A Ghosh, SS Biswas and Khushboo Rani**
(ii) A study of nitrogen use efficiency in SRI over direct seeded and transplanted rice. **Chowdhury Monirul Haque, Aritra Saha, PK Mani**

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 11-14 December 2017 with one of the Chapter representatives available for discussion for a limited time fixed each day. The Chapters participating in this programme were: Akola, Anand, Bangalore, Bhopal, Delhi, Gwalior, Hisar, Hyderabad, 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 “Third Eye” and “Shinjini Group”, were very marvelous in this technically-rich convention on the evening of 11th December 2017. All the delegates enjoyed and appreciated this programme.

Concluding Session

The concluding session was held on 13th December 2017 with Dr. S.K. Chaudhari, President of the ISSS in the chair. In-depth review of all the special and technical sessions including Special symposium on “*Soil, Nutrient and Water Management Interventions towards Doubling Farmers’ Income*” 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. Ranjan Paul was awarded the ISSS Best Doctoral Research Presentation Award for the year 2017, while the other contestants, namely, Dr. Abir Dey, Dr. Sangram Dharmaji Kale, Dr. Naveen Leno, Dr. Vijay Singh Meena, Dr. Prasenjit Ray, Dr. Sandhya K. and Dr. Danish Tamuly were given Commendation Certificates. Samrat Adhikary, Manik Bandu Shingare, Avijit Ghosh and Hema B. were awarded the Zonal Award from East Zone, West Zone, North Zone and South Zone, respectively. Prof. Drubajyoti Chattopadhyay, Vice Chancellor, Amity University presented ISSS Best Doctoral Research Presentation Award and the Commendation Certificates and Zonal award. Efforts made by the Members of the Kolkata 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. S.K. Chaudhari, President of the ISSS.

BUSINESS MEETINGS

82nd Annual General Body Meeting

The 82nd Annual General Body Meeting of ISSS was held on 12 December 2017. Dr. S.K. Chaudhari, President of the ISSS, chaired the meeting attended by 122 members of the Society. The business of the meeting as per the listed agenda, was transacted. The proceedings of the 81st Annual General Body Meeting held on 21 October, 2016 at Gwalior, were considered and confirmed by the house. Dr. D.R. Biswas, Secretary presented the Annual Report of the Society for the period October 2016 – December 2017; it was adopted by the house. The audited statement of the accounts for the year ended 31 March 2017 and budget estimates for 2018-2019 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 2018 and 2019 were announced; Dr. Vandana Dwivedi, Additional Commissioner (INM), Dept. of Agriculture, Cooperation & Farmers Welfare, Krishi Bhawan, New Delhi was elected Vice President; Dr. K.K. Bandyopadhyay, Principal Scientist, Division of Agricultural Physics, IARI, and Dr. M.C. Meena, Senior Scientist, Division of Soil Science and Agricultural Chemistry, IARI, New Delhi were elected as the Assistant Secretary and Treasurer, respectively. The 10 Councillors, declared elected were Dr. T. Chikkaramappa, Dr. Samar Kumar Gangopadhyay, Dr. Narendra Kumar Lenka, Dr. Ramawatar Meena, Dr. K.C. Patel, Dr. Manoj Kumar Sharma, Dr. Sanjay Kumar Sharma, Dr. Dhanwinder Singh, Dr. Kishor Prabhakar Vaidya and Dr. (Smt) Shashi S. Yadav. The members elected were felicitated in the Annual General Body meeting. Dr. S.K. Chaudhari 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 2018, on 7th April, 16th June, and 27th October, 2018 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 2017-2018 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, 2018 and the budget estimates for the year 2019-2020 drawn by the Council are being placed for approval at the 83rd Annual General Body Meeting.

PUBLICATIONS

Journal: The fourth issue (December 2017) of the Journal of the Indian Society of Soil Science, Vol. **65** was brought out. Volume **65** for the year 2017 covered **460** pages. The supplementary issue of 2017 containing the memorial lectures delivered in 2017 is being published. So far June 2018 issue of the Journal (Vol. **66** for 2018) has been brought out and it run into **236** 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), Rauri, Raipur, Ranchi, Sabour, Shillong, Shimoga, Sopore, 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 11-14 December 2017 with one of the Chapter representatives available for discussion for a limited time fixed each day. The Chapters participated in this programme were: Akola, Anand, Bangalore, Bhopal, Delhi, Gwalior, Hisar, Hyderabad, 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	Delhi	Dr. Pradeep K. Sharma	Date yet to be finalized
Dr. DP Motiramani	Bhopal	Dr. K.P. Vaidya	17-12-2018
Dr. BV Mehta	Parbhani	Dr V.D. Patil	12-09-2018
Dr. NS Randhawa	Indore	Dr. A.K. Patra	22-09-2018
Dr. RS Murthy	Varanasi	Dr. K. Majumdar	18-08-2018
Dr. RR Agarwal	Ludhiana	Dr. Kuldeep Kumar	14-08-2018
Dr. TD Biswas	Tirupati	Dr. P. Balasubramaniam	05-10-2018
Prof. SK Mukherjee	Ranchi	Dr. B.P. Bhatt	18-10-2018
Dr. GS Sekhon	Cuttack	Dr. S.K. Ambast	Date yet to be finalized
Dr. NP Datta	Bapatla	Dr.D. Balaguravaiah	11-10-2018
Dr. S.N. Saxena	Shillong	Dr. S.K. Ray	30-10-2018

ISSS Best Doctoral Research Presentation Award: During 2018 the first round of this contest was organized in South Zone by **Bengaluru** Chapter on 18 September, 2018, East Zone by **Sriniketan** Chapter on 28 September, 2018; West Zone by **Udaipur** Chapter on 24 September 2018 and North Zone by **Pantnagar** Chapter on 11 September, 2018.

Zonal Award Contests: The ISSS Zonal Award Contests were organized for the East, West, North and South Zones at Sriniketan, Udaipur, Pantnagar and Bengaluru, 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 Kolkata. Help and support extended by the Kolkata Chapter of ISSS and Amity University, Kolkata in organizing the 82nd 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, 2018

RECEIPTS	AMOUNT (Rs) 31-03-2018	AMOUNT (Rs) 31-03-2017	PAYMENTS	AMOUNT (Rs) 31-03-2018	AMOUNT (Rs) 31-03-2017
To Opening Balance					
- Cash in Hand	1,000.00	750.00	By Annual Convention / Conference Exp.		177,000.00
- Syndicate Bank	165,436.46	267,760.00	- Secretariat Assistance		116,282.00
- Postal Stamps in hand	29,201.00	54,382.00	- Printing of Circular/ Souvenir		72,450.00
			- Stationary & Photocopies		186,640.00
Long Term Investments			- Incidental Expenses		79,148.00
Unit Trust of India	717,675.65	717,675.65	- TA & DA to the invited speakers		2,894.85
ICICI	664,020.25	664,020.25	By Bank Charges	3,034.18	108,211.70
			By IUSS Membership Fees	97,910.48	21,150.00
Fixed Deposits			By Travelling Expenses	25,578.00	9,600.00
			By Accounting Charges	10,000.00	
			By Audit Fees	29,500.00	
To Collection from Members			By Award & Fellowship	195,289.00	105,135.00
- Life Membership Subscription	30,000.00	78,500.00	By Cost of Journals	956,559.00	543,361.00
- Membership Subscription	1,384,262.00	1,232,742.00	By Publication of Text Book	686,784.00	686,400.00
			By Council meeting Expenses	290,587.00	504,807.00
To ICAR for Annual Convention/ Symposium	500,000.00	500,000.00	By Lecture and Medals	54,069.00	33,067.00
To ICAR Grant Receipts for Publication of Journal	150,000.00	150,000.00	By Miscellaneous expenses	348.80	80.00
			By Office Rent	75,000.00	75,000.00
To Publication Receipts	1,154,052.00	725,021.00	By Office Expenses	7,353.00	7,200.00
To Journal Receipts	607,453.00	442,744.00	By Postal Exp.	380,425.20	324,931.00
To Interest on saving bank	17,586.51	13,707.00	By Printing & Stationery	65,256.00	61,852.00
To Interest on fixed deposit	449,703.22	18,792.49	By Printing Books Soil Science	705,600.00	
To Miscellaneous receipt	4,549.00	300.00	By Publication of Abstracts		4,160.00
To Institutional Member		7,000.00	By Publication of Bulletins		2,700.00
To Annual Convention			By Publication of Ballot Paper		4,341.00
-Registration	175,025.00	154,025.00	By Repair & Maintenance		58,255.00
-Sponsorship	555,975.00	350,000.00	By Salary		654,300.00
			By Staff welfare		223,990.00
TDS			By Telephone & Fax		26,121.00
			By Editorial Board Meeting		
			By Payment To Creditors		
			By Telephone Exp. Payable		1,943.00
			By Closing Balance		
			- Cash in Hand		1,000.00
			- Balance with Syndicate bank	188,228.18	165,436.46
			- Postal Stamps in Hand	40,018.00	29,201.00
			Long Term Investments(Mutual Fund)		
			- HDFC MF	200,000.00	
			- Unit Trust of India MF	717,675.65	717,675.65
			- ICICI MF	964,020.25	664,020.25
			Fixed Deposits	7,131,907.14	6,372,701.17
Total	14,523,910.88	12,041,054.08		14,523,910.88	12,041,054.08

For SINGH SATISH & ASSOCIATES
Chartered Accountants

SATISH K SINGH
FCA; BCOM(H)
M.No-526351
Date : 03.09.2018
Place : New Delhi

032138N
New Delhi
Chartered Accountants

For Indian Society of Soil Sciences

D.R. Biswas
Secretary

M.C. Meena
Treasurer

INDIAN SOCIETY OF SOIL SCIENCE

BUDGET ESTIMATES FOR 2018-2019

RECEIPT	AMOUNT (Rs)	EXPENDITURE	AMOUNT (Rs)
Membership subscription	13,00,000	Publication of Journal/ NL	7,00,000
Journal subscription	7,00,000	Publication of miscellaneous	50,000
Sale of publications	5,00,000	Postal expenses	3,00,000
ICAR Grant	2,00,000	Establishment (Salary)	8,50,000
Interest & Dividends	5,00,000	Stationery	70,000
Revenue from Annual Convention	2,50,000	Audit Fee	25,000
		Telephone, Fax & Internet	40,000
		Conveyance (Local Travelling)	17,000
		Contingency (Staff welfare)	7,000
		Annual Convention	2,00,000
		Awards & Fellowship	
		- Honorary Member	20,000
		- Platinum Jubilee	20,000
		- Fellowship	20,000
		- 12 th International	10,000
		- Golden Jubilee	10,000
		- Dr. J.S.P. Yadav Memorial Award	10,000
		- Zonal/ISSS Best Doctoral Presentation Award	40,000
		- Prof. Sant Singh Memorial Award	10,000
		- Dr. S.P. Raychaudhuri Gold Medal	5,000
		Dr. S.P. Raychaudhuri Memorial Lecture	10,000
		Prof. J.N. Mukherjee-ISSS Foundation Lecture	10,000
		Dr. R.V. Tamhane Memorial Lecture	10,000
		Dr. D.P. Motiramani Memorial Lecture	10,000
		Dr. B.V. Mehta Memorial Lecture	10,000
		Dr. N.S. Randhawa Memorial Lecture	10,000
		Dr. R.S. Murthy Memorial Lecture	10,000
		Dr. R.R. Agarwal Memorial Lecture	10,000
		Dr. T.D. Biswas Memorial Lecture	10,000
		Prof. S.K. Mukherjee Memorial Lecture	10,000
		Dr. G.S. Sekhon Memorial Lecture	10,000
		Dr. N.P. Datta Memorial Lecture	10,000
		Dr. S.N. Saxena Memorial Lecture	10,000
		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
		Publication of Soil Analysis Book	5,00,000
		IUSS Membership	1,25,000
Total	34,50,000	Total	38,79,000