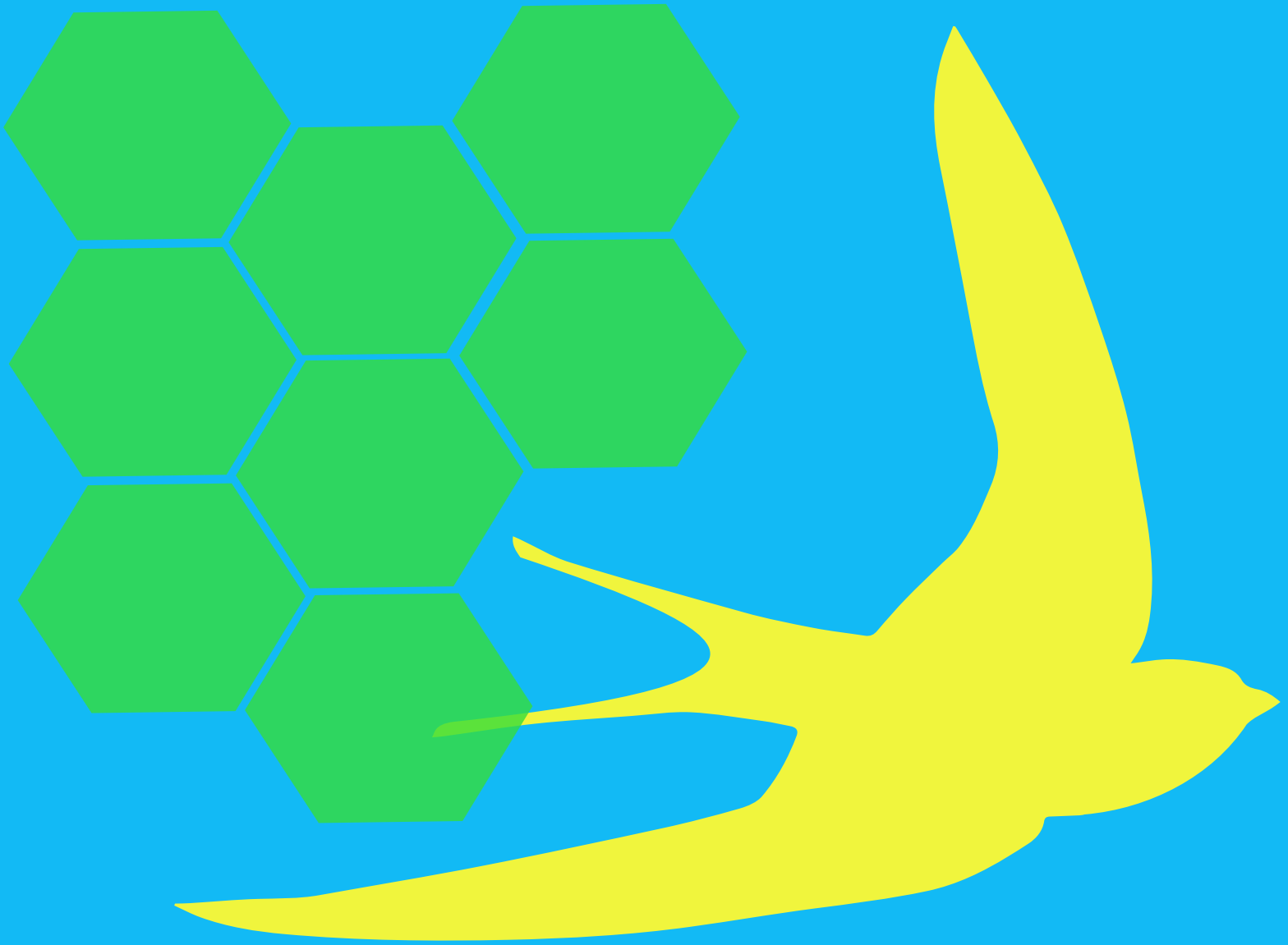


Annual Report 2018



**Royal Association for Science-led
Socio-cultural Advancement
(RASSA)**

28/142, West Patel Nagar, New Delhi, 110008

2nd
Annual Report- 2018



**Royal Association for Science-led
Socio-cultural Advancement (RASSA)**

28/142, West Patel Nagar, New Delhi-110008

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PREFACE

Ever since its inception in year 2016, the Royal Association for Science-led Socio-cultural Advancement (RASSA) has established itself as a “Think tank” organization to provide views on a broad spectrum of issues related to science-led development and social issues and emerging as a vibrant organization. In keeping with its mandate, the RASSA carried out its various programmes at national level and through this report, it is my privilege to place an account of activities undertaken by RASSA for the year 2017-18 encompassing the period between 1st Foundation Day to 2nd Foundation Day in year 2018.



During the period under report, the RASSA organized two National level Seminar on very important issues related to agriculture in the country that focussed on ‘Rural Empowerment for the New India: Mission 2022’ and ‘Smart Technologies to Boost Farm Profitability and Socio-economic Status of Rural India’ at Jawaharlal Nehru University, Delhi and Sher-e-Kashmir University of agricultural Sciences and Technology, Jammu, respectively in which the respective Universities actively participated. Twenty seven awards were conferred to the professionals for best Ph.D thesis, PG thesis, Innovation award, outstanding researcher and best extensionist award. RASSA also conducted five RASSA-Kisan Sahyog Karyakram in the adopted villages to disseminate the latest technologies amongst farmers to upgrade their social living. RASSA provided educational assistance to a student for UG course and established a RASSA Ekal Vidyalaya in tribal belt of Chandauli district for their children. RASSA also extended his hands to PM Relief fund and CM Kerela Flood Relief Fund.

In Foundation Day programme, apart from briefing the members on the achievements/ activities during the year, RASSA awards were conferred to 16 members. Having successfully organized the National Seminar at SKUAST-J, Jammu from November 19-20, 2018, the RASSA is now preparing for the International Seminar at BHU, Varanasi in October 2019.

I place on record my gratitude to the RASSA Patron, Executive Committee/ Council and all RASSA members for their unflinching faith and support. I am also grateful to the Conveners and Members of various committees for effectively organizing seminars, RASSA-Kisan Sahyog Karyakram, and other activities. The financial support provided by many organizations is gratefully acknowledged.

A handwritten signature in blue ink, appearing to read 'Awadhesh Singh', written over a horizontal line.

(Awadhesh Kumar Singh)

President

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1

RASSA at a Glance

Innovations in Science do not reach the needy people timely. Science-led interventions carry the potential for the development of people. Efforts from all responsible organizations and citizens including Government is needed to ensure that the potential of scientific innovations is realized for the benefit of the masses, to improve their income and living conditions.

A group of like-minded Scientists/ Technocrats/ Business persons and other luminaries joined together to create this platform, for helping the needy people to improve the status of society, in the name of Royal Association for Science-led Socio-cultural Advancement (RASSA) to attain noble goals for overall advancement of the people in a sustainable manner, protecting natural resources and ecosystems.

Vision

To create a strong and coherent community sensitive to the social, cultural & educational needs to serve the society especially the resource-poor people by adopting science-led approaches.

Mission

To engage like-minded intellectuals in serving the needy people of the society through science-led interventions.

Objectives

1. To create a platform for likeminded people for the overall sustainable advancement of the society.

2. To promote the educational and economic well-being of people in changing social dynamics by formulating the plans and creating interest for entrepreneurial activities through skill development.
3. To mentor and provide economic support to bright young individuals from the unprivileged section of the Society.
4. To provide opportunity and help to business professionals to set up and run their businesses in emerging fields.
5. To organise conferences, meet, fare, Kisan Gosthi (RASSA-Kisan Sahyog Karyakram) etc., to update the community on science-led techniques.
6. To publish a multi-disciplinary journal and Sandesh for farmers.

Membership

RASSA has a unique society that covers science (professionals of all the disciplines) and socio-cultural aspects simultaneously. Thus, it has three types of membership, i.e. Core Members, Kisan Members and Subscribe Journal Members (SJM). Core members are for all the affairs of society (social welfare as well professional). Kisan members are only for sharing the advanced technological information to improve their farming status. SJM is for professional activities only, and they may become Annual or life members.

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- संरक्षक : श्री पंजाब सिंह
अध्यक्ष : श्री अवधेश कुमार सिंह, FM 001
उपाध्यक्ष : श्रीमती अलका सिंह, FM 010
श्री सुधांशु सिंह, FM 026
महासचिव : श्रीमती कंचन लता सिंह, FM 002
सचिव : श्री नित्यानंद सिंह, FM 041
श्री अमित सिंह शेखावत, FM 012
श्री सुरील सिंह, FM 160
संयुक्त सचिव : श्री गौरव प्रताप सिंह, FM 050
श्री संजीव कुमार सिंह, FM 073
श्री आशुतोष सिंह, LM 011
कोषाध्यक्ष : श्री प्रदीप कुमार सिंह, FM 009
श्री संजीव कुमार सिंह, FM 073

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- श्रीमती कुमुद सिंह, FM 016 : उत्तर प्रदेश
श्रीमती सुमन सिंह, FM 032 : राजस्थान
श्रीमती पूनम परिहार, FM 140 : जम्मू-कश्मीर
श्री रुद्र प्रताप सिंह चौहान, FM 038 : बिहार
श्री राघवेंद्र सिंह, FM 024 : पूर्वोत्तर प्रदेश
श्री अयोध्या नाथ सिंह, FM 072 : कर्नाटक
श्री भोम सिंह देवड़ा, FM 013 : गुजरात
श्री जय राम सिंह, FM 074 : हरियाना
श्री दिनेश कुमार वत्स, FM 011 : हिमाचल
श्री ब्रिजेश सिंह, FM 023 : उत्तराखंड

vuq ikku if=dk 'RASSA Journal of Science for Society'

- मुख्य संपादक : श्री नागेंद्र कुमार सिंह, FM 007
कार्यकारी संपादक : श्री गोविंद प्रताप राव, FM 062
श्री विशाल सिंह सोमवंशी, FM 138
श्री शिव प्रताप सिंह, FM 014

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- मुख्य संपादक : श्री जनार्दन सिंह, FM 008
कार्यकारी संपादक : श्री रुद्र प्रताप सिंह, FM 019
श्री शैलेश कुमार सिंह, FM 047

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- अध्यक्ष : श्री राना प्रताप सिंह, FM 133
सचिव : श्री रुद्र प्रताप सिंह, FM 019
संयुक्त सचिव : श्री उपेन्द्र बहादुर सिंह, LM 045
श्री अनिल कुमार सिंह, LM 074
श्री मानवेन्द्र बहादुर सिंह, FM 052
श्रीमती प्रतिक्षा सिंह, FM 135
श्री सत्यव्रत सिंह, LM 081

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- श्री ज्योत्सनेन्द्र सिंह, FM 146
श्री सत्येन्द्र कुमार सिंह, FM 149
श्री हरिश चंद्र, FM 106
श्री कौशलेश कुमार सिंह, LM 059
श्री पवन कुमार सिंह, FM 033
श्री नरेन्द्र सिंह रघुवंशी, FM 053
श्री भुपेन्द्र सिंह चौहान, FM 145

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- अध्यक्ष (उपाध्यक्ष) : श्रीमती पूनम परिहार, FM 140
सचिव : श्री अरविंद प्रकाश सिंह, FM 015
श्री महिताल जामवाल, FM 110
संयुक्त सचिव : श्री महेन्द्र सिंह भडवाल, FM 112
श्री संजय गुलेरिया, FM 017
श्री ब्रजेश्वर सिंह भाउ, FM 047
श्री शरद कुमार, FM 048
श्री संजय प्रकाश सिंह, FM 089

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- श्री पी.एस. सलाथिया, FM 005
श्री सुधीर कुमार, FM 108
श्री अशोक कुमार सिंह, FM 157
श्री अंजनी कुमार सिंह, FM 113
श्री अमित जसरोटिया, FM 007
श्री अमित कुमार सिंह, FM 019

3

RAASA Meetings

3.1 National Executive (NE)

The 1st meeting was held on 17.12.2017 at NASC Complex, New Delhi and adopted previous (05.07.2017) proceedings. Following decision were taken,

- RASSA needs to adopt villages in different regions of the state for developing RASSA Village Models.
- Subscribe Journal Members may be introduced for adding members in Journal and Rajarshi Sandesh.
- NE agreed for the organization of one day seminar at JNU New Delhi as per proposal of our Life Member Dr Dhiraj Singh.

The 2nd meeting was held on 06.05.2018 at NASC Complex, New Delhi. After confirming the previous proceedings, the following decisions were taken by the National Executive:

- Proceedings of UP state executive meeting, Varanasi meet and farmers interaction at Unnao were adopted.
- A bank account may be opened by the State unit of RASSA as per 3rd GB approval & criteria. The account will be opened with the start of activities by respective RASSA units. Account will be opened in

the name of RASSA & unit place. Account will be operated by three persons i.e., State/unit head (Vice-President), Secretary and Executive member. Any two members (State unit head-Vice-President and Secretary/ Executive member) will sign for withdrawal of money. After receipt of the request by state/ unit Executive, related documents will be provided for the opening of bank account in any nationalised bank.

- Financial assistance may be provided to needy individuals for education, medical, sports and distress family as per the guidelines of RASSA and availability of fund.
- The Coordinator of RASSA awards 2018 will be Dr Kanhaiya Singh, FM 006. Nominations for different awards will be invited from Core members (enrolled up to 30th June 18) w.e.f. 15th July 2018 to 14th September 2018.
- Nominations for different awards will be entertained only online through RASSA website <rassa.org.in>.
- The expenses towards 'RASSA Kisan Sahyog Karyakram' in selected villages shall be met out of RASSA fund, and it would be better if members may provide help in searching some sponsors.



The 3rd meeting was held on 06.08.2018 at New Delhi. Executive members discussed the proposal of Rural India Development Foundation (RIDF), Varanasi for working of RASSA in tribal areas of Naugarh tehsil, Chandauli district of Uttar Pradesh. The members agreed to open RASSA EKAL VIDYALAYA in the proposed area of RIDF, Varanasi as per their proposal with following conditions,

1. There shall be MoU between both organisations/ societies.
2. RASSA representatives shall monitor the progress.

RASSA will bear the expenses of establishing and running the RASSA EKAL VIDYALAYA for about three consecutive years.

The 4th meeting was held on 22.09.2018 at NASC Complex, New Delhi. Previous proceedings were confirmed. NE members expressed their satisfaction with the progress made by different states/units in performing the activities. The Coordinator of RASSA Awards presented the nominations received for different awards. The following decisions were taken by the National Executive.

- The matter of Professional/ Corporate members addition was discussed in length and it was again decided to defer the matter. Instead of this, Subscribe Journal members will be initiated as decided earlier.
- Full support may be provided to the RASSA Unit Jammu for organising National Seminar.
- 2nd Foundation day may be celebrated on 21.11.2018 (F.N) at Jammu.



The proceedings of all the NE meetings were circulated among all the Core Member and no feedback was received from any members

3.2 General Body

1st Annual General Body (GB) Meeting was held at New Delhi on 14.04.2018. The GB meeting was chaired by Er. Awadhesh Kumar Singh, President RASSA. The following were the decisions of the General Body (GB):



- i. A project report shall be prepared for the adopted villages, and mode of operation shall be discussed and decided by the National Executive.
- ii. One day National Conference at JNU, New Delhi will be sponsored by GRC, Noida. Dr G P Rao, FM 062 and Dr S P Singh, FM 014 were nominated as Organizing Secretary of the National Conference.
- iii. Dr Poonam Parihar, FM 140 was nominated as organising secretary for organising 2-day National Seminar by RASSA J&K in the month of November 2018 at SKUAST-J, Jammu.
- iv. The state units wherever are formed, and the account is opened, will be allowed to retain 15% of revenue generated by them as membership fee. The amount may be utilised for event organization and meeting day to day expenses as per set mission and objectives of RASSA.
- v. RASSA shall allow its members to offer consultancy in the name of RASSA on sharing basis. RASSA shall charge 10% of consultancy fee received under such collaborative program.
- vi. GB also suggested having a feedback/suggestions box on its website.

RASSA felicitated the following members with a memento and flower bouquet on their achievement:

- Er Sunil Kumar Singh, FM 084 for becoming Chancellor of Malwanchal University, Indore

- Dr S S Rathore, FM 117 for his promotion to the post of Principal Scientist at ICAR-IARI, New Delhi
- Dr Awani Kumar Singh, FM 040 for his promotion to the post of Principal Scientist at ICAR-IARI, New Delhi
- Dr Rajiv Kumar Singh, FM 112 for his promotion to the post of Principal Scientist at ICAR-IARI, New Delhi
- Dr M K Singh, FM 060 for his promotion to the post of Principal Scientist at ICAR-IARI, New Delhi
- Dr Jai Prakash, FM 042 for his promotion to the post of Principal Scientist at ICAR-IARI, New Delhi
- Dr Atul, FM 141 for his promotion to the post of Principal Scientist at ICAR-IARI, New Delhi.
- Dr Kapila Shekhawat, FM 084 for her promotion to the post of Senior Scientist at ICAR-IARI, New Delhi

All the members expressed satisfaction on working of the RASSA and happiness due to involvement of members' family in GBM.

Another General Body (GB) meeting was organised at Jammu Club, Jammu on 21.11.2018. The GB meeting was chaired by Er. Awadhesh Kumar Singh, President RASSA and Co-chaired by Dr Poonam Parihar, President (Vice-President), RASSA Jammu. President welcomed the members and briefed RASSA activities as per its set mission and vision. Dr Shiv Pratap Singh, FM 014 presented the report of activities undertaken by RASSA



during the year. Various milestones of RASSA were highlighted. Different agenda items were put forth for discussion and approval. Following decisions were taken during the GB meeting:

- The General Body unanimously decided to open Subscribe Journal membership for RASSA Journal of Science for Society and Rajarshi Sandesh. Annual and Life membership will be Rs. 1000 and Rs. 5000, respectively. The membership number for life and annual membership shall start from SJM-LM-1001 or SJM-AM-001.
- Members were of view to move forward for strengthening the RASSA as per its mission. Strength needs to be enhanced regarding membership for which it was opined that each existing member of RASSA shall make efforts to enrol at least 11 members in the year so that the RASSA strength reaches the level of three thousand by the time of next Annual/Foundation day meet.
- General body expressed unhappiness over the meagre participation by the Core members in General Body meeting and hence, it was decided to appeal to the members for prioritising their annual movement and ensuring their participation in RASSA seminar.
- GB unanimously approved the proposal to constitute Fellow of RASSA Society from 2019 onwards. It was also decided to confer RASSA Awards and Fellow of Society in alternate years which means Fellow in the year 2019 and RASSA Awards in the year 2020 and like-wise. Guidelines shall be decided by the National Executive.
- GB was informed about the completion of National Executive tenure. The matter of election/selection of new executive was placed before the GB as per by-laws. The general body was of the view that society should not resort to the election at this nascent stage. Accordingly, it was decided that the same executive will continue for the next tenure. GB also decided to empower the National Executive in taking deciding on inclusion of the new members in the executive where vacancy falls due unwillingness of any office bearer in the executive. The state units

should also be similarly decided by the respective state unit and will be approved by the National Executive as per practice.

- o As per the discussion held with RASSA Members of BHU, the next seminar will be held in BHU, Varanasi. It will be an International seminar aiming to spread the mission of RASSA across the world. The probable date for the International Seminar may be in between Dusehra and Diwali or before Dusehra to enable the members for active participation. The proposal was concurred by the GB.

- o GB was of the strong opinion that the RASSA members selected for award or Fellow should physically present in the Seminar/Conference followed by the Foundation Day to receive the award.

National Executive and GB appreciated and congratulated the team of RASSA Jammu Unit under the leadership of Dr Poonam Parihar for successfully organising the National seminar at SKUAST-J from November 19-20, 2018. Society, with the approval of General body, places it on record the cooperation and support of SKUAST, Jammu in supporting the organization of seminar in the campus.

4

RAASA Professional Activities

4.1 National Seminar

4.1.1 Rural Empowerment for the New India: Mission 2022

One of the missions of Hon'ble Prime Minister for new India is to address the concerns of rural India by creating a sustainable environment for development to improve the life and conditions of the rural population as well as for overall progress of the country. Keeping these priorities in view, RASSA organised one-day National Conference on '**Rural Empowerment for the New India: Mission 2022**' at Convention Centre, Jawaharlal Nehru University, New Delhi in collaboration with Jawaharlal Nehru University, New Delhi, Grass Root Research & Creation (P) Ltd, Noida and ASSURE Foundation, Delhi on August 10, 2018. The conference was dedicated to deliberate on strategies and road map for solutions to the problems existing in rural India. The core areas identified were **Education, Health, Agriculture** and **Agri-eco-system** to ensure sustainability inclusive long-term development in a holistic approach for happy, healthy, prosperous and peaceful rural India with a self-sustaining eco-system. Presentations by experts of eminence were planned for deliberation in following three well-structured sessions:

1. A sustainable system for quality education and health management.
2. Entrepreneurship development, value addition and supply chain for income generation and job creation in the rural area.
3. Self-sustaining, market-linked Agri-eco development.

The participants (scientists, industries, research scholars and farmers) were from different organizations such as ICAR Institutes of Lucknow, New Delhi, Kanpur, Patna and Ludhiana; State Agricultural Universities of Palampur, Pantnagar and Meerut; Central University of Lucknow and New Delhi; Indian Institute of Management,

Lucknow; KVKs of Uttar Pradesh, Bihar & Haryana; NGOs, Private organizations; farmers from Varanasi, Chandauli, Jaunpur, Sitapur, Unnao & Aligarh district of Uttar Pradesh, Himachal, Rajasthan and Haryana.

Chief Guest of the inaugural session was Padma Bhushan Prof R B Singh, Former Member of National Commission on Farmers. Prof Moni Madaswamy, Former Director General, NIC, Delhi and Padma Shri Dr Brahma Singh, Horticulturist, New Delhi were special guests during the session. Er Awadhesh Kumar Singh, President RASSA, Prof Rana Pratap Singh, Rector-III, JNU Delhi, Prof Rana Pratap Singh, BBAU Lucknow and Dr G P Rao, Organising Secretary shared the dais. Dr (Mrs) Kapila Shekhavat, Senior Scientist and Dr Atul, Principal Scientist of ICAR-IARI, New Delhi anchored the event. Organising Secretary welcomed the Chief Guest, Special Guests, dignitaries, press-media and participants. RASSA President, Shri AK Singh outlined the contours of discussion for 'Empowering Rural India for stability, Progress, Prosperity and Peace' while taking into account the present condition of rural India and contribution of the agrarian sector to the national economy. He also highlighted the work being done by RASSA for the development of Agriculture especially in tribal areas. Prof Rana Pratap Singh stressed the need for immediate intervention for development in rural India while cautioning that the problems of employability rather than employment in coming future may affect the contribution to GDP. Prof Madaswamy presented the importance of ICT in agriculture. He pointed out that development of crop-wise value chain and use of ICT in agriculture may enhance GDP itself by 1%. He also advocated for having degree course on ICT. Prof Brahma Singh highlighted the importance of horticulture produce in the country and its adoption by farmers. He too stressed the need for use of the smart technology to attract youth in agriculture. Chief Guest and dignitaries on the dais released the 'Souvenir & Lead Papers'. A book '**NWS gg ykx**' written by Prof Rana Pratap Singh of BBAU,

Lucknow was also released. A token gift of high quality vegetable seeds and packet of bio-fertilizer was given to the farmers by dignitaries.

In the inaugural speech, Prof R B Singh appreciated the role of scientists, planners, policy makers and farmers in attaining record agricultural production. He highlighted the recommendations of National Farmers Commission and stressed the need for their implementation to let farmers take pride in farming. Co-convenor presented the vote of thanks.

The theme session 'Entrepreneurship development, value addition and supply chain for income and job creation in rural area' was also chaired by Prof R B Singh and Coordinated by Prof Nagendra Kumar Singh, National Professor & BP Paul Chair and Director ICAR-NRCPB, New Delhi. Prof Brahma Singh shared his experiences on 'Horticultural perspective in building New India'. Prof D.S. Sengar of IIM, Lucknow expressed his views on 'Role of Alternative Dispute Resolution (ADR) in Promoting Peace and Harmony in Rural India' and stressed the need for enhancing farmers' awareness on recent legal advancements and also about their rights. Sri Chauhan, a progressive farmer of Himachal Pradesh, stressed the need to strengthen the scientists and farmers interaction for promoting latest technologies in the villages.

Theme session 'Self-sustaining, market-linked Agri-eco development' was chaired by Prof Ramendra Singh, Senior Advisor (R&D), Coromandel International, Hyderabad and renowned Soil Scientist. Shri Piyush Kumar Singh, CEO, SMT Private Limited, New Delhi in his presentation on 'Entrepreneurs and Scientists Doubling Farmers' Income Together – Challenges Faced by Start Ups' mentioned that any new start-up in agriculture require handholding of entrepreneur by scientists besides proper strategy for marketing; Prof Dinesh Abrol, Former Professor, NISTAD, New Delhi expressed his views on 'Emerging issues in agro-ecological degradation and food security in India'; Dr Satyendra Yadav, CEO, HPM Institute, NOIDA presented his model on 'Farmers empowerment through agriprenurs'; Sri Rajkishan Nain, Farmer, Haryana shared his experiences of natural farming; and Dr R K Singh, Director, ICAR-CIPHET,

Ludhiana gave information about testing facility for processing machinery and food products as well as business incubation cell at Ludhiana.

A panel discussion was chaired by RASSA President and Co-chaired by Dr S K Singh, Director, ICAR-DKMA, New Delhi. Farmers expressed their views on the various issues of deliberations made during the day which were clarified. Organising Secretary Dr S P Singh presented vote of thanks to JNU, New Delhi; collaborators Dr Dhiraj Kumar Singh, Managing Director, Grass Root Research & Creation (P) Ltd., NOIDA, Jawaharlal University, New Delhi and ASSURE Foundation, Delhi; sponsorer BeSafe, Ghaziabad; participants, farmers, organising committee and press media. The organising committee thanked Sri Gajendra Singh Shekhawat Ji, Hon'ble Minister of State, Ministry of Agriculture and Farmers Welfare, GOI and also Sri Ram Shakal Ji, Member of Parliament (Rajya Sabha) for their support and blessings.

Recommendations

Based on deliberations in the sessions, the conclusion was to see Agriculture per se as an industry where strong network of IT, infrastructure, the demand and supply of agriculture produce is to be finally balanced such that the farmers are in position to cater the need of consumer on dynamic manner which will eliminate cycle of over/under production and improve the economic well beings of farmers. Following points were emerged to build as action point towards a step in building New Rural India:

- There is an immediate need of intervention to organize the farmers in the form of societies, FPO or self-help groups to muster the strength of collective advantage bargains for profitable realization. Such like organizations can start the preparation of inputs and also undertake value addition works for increasing the profits. They can also initiate direct sale through consumer societies in cities directly to consumers with village level branding.
- Schemes of Ministry of Agriculture, in the coordination of other Ministries, should envisage overall development of villages including human

Glimpses of National Seminar at JNU, New Delhi on 10th August, 2018



Glimpses of National Seminar at JNU, New Delhi on 10th August, 2018



development taking care of education and rural health besides concentrating alone on increase of production.

- Village level delivery of Government subsidies in the form of agri-inputs like seed and fertilizers need to be developed instead of depending on departmental stores of State departments of Agriculture.
- The time lag in reaching with knowledge of research and research products should be shortened by involving local entrepreneurs and farmers may be made aware of their rights.
- Villagers may be encouraged to adopt Alternate Dispute Resolution outside the courts for solving their problems.
- The start-up needs to be backed-up by the research and Government organizations be advised to source the products from village organizations as is facilitated for MSMEs.
- The professional societies, FPOs, Non-profit organizations working in the rural areas and facilitating in development process need to be encouraged.
- Development of Farming has almost been recognized as the development of villagers, the villages and rural India. These villages are the habitat for human beings, their pet animals and therefore strong education and health infrastructure is equally important to check rural to urban migration on these counts.
- There should be an awareness program for farmers about optimum and ethical use of fertilizers and pesticides. This will be helpful in managing the risks of various diseases. All the information relevant to the farming should be made available to the farmers through suitable mobile apps for easy access and dissemination.
- As an immediate action point, the villages adopted by the NGOs or Government organizations may be developed as model villages, based on the above recommendations.

4.1.2 Smart Technologies to Boost Farm Profitability and Socio-economic Status of Rural India

The main focus of this National Seminar was on “Smart Technologies to Boost Farm Profitability and Socio-Economic Status of Rural India”. Sub-themes of the seminar were discussed by presenting papers/discussions with policymakers, scientists, teachers, trainers, industrialists and students from all over the country and the farmers from Jammu & Kashmir province. The State Agricultural Universities as well as traditional universities, KVKs, NGOs, ICAR institutes, private organizations, NABARD, DST, SICOP, Agro industries, Khadi and Village Industries, JK Bank, PNB, Department of agriculture, horticulture, sericulture, floriculture, animal husbandry, JK Tourism & other different organizations participated in the Seminar at SKUAST-J, Chatha, Jammu from November 19-20, 2018.

The Chief Guest of the Seminar was Dr. Nirmal Singh, Speaker J&K State Legislative Assembly. The Guest of honour in the inaugural function was Dr. N.S. Rathore, Deputy Director General (Education), ICAR-New Delhi. Dr. Pardeep Kumar Sharma, Vice-Chancellor, SKUAST-Jammu, Er Awadhesh Kumar Singh, President RASSA, Dr Jag Paul Sharma, Convener of Seminar and Dr. Poonam Parihar, Organizing Secretary of the Seminar also shared the Dias. While inaugurating the seminar, the Guest of honour Dr. N.S. Rathore said, “On an average, 2090 farmers are leaving farming every day which is a serious issue and needs immediate redressal.” He said that for achieving sustainable profitability in farming, the policymakers, researcher and extension agencies should lay more emphases on smart technologies which should be Specific to area, Measurable, Attainable, Realistic and Time-bound (SMART). The chief guest Dr. Singh addressed 300 plus delegates from across the country and laid emphasis on shifting focus from “agricultural-centric” to “agriculturist-centric” approach for augmenting the low levels of farm income from around 75,000/- per year per farm household. He advised agricultural scientist and extension workers for working in a mission mode and policymakers for providing other economic opportunities to small holder farmers for

sustainable livelihood. Dr. P.K. Sharma, Vice-Chancellor, SKUAST-Jammu said that in the globalization and digital era we should manage information, use decision support system for precision farming and automation to increase input use efficiency which is low in India and more so in the Jammu and Kashmir state. RASSA President delivered a keynote address in the inaugural function and gave an overview of the objectives of RASSA which aims to achieve synergy between socio-cultural and scientific advancement, especially in view of small landholding in the country. He said villages' prosperity will ensure Nation's prosperity. Dr. J.P. Sharma, convener of the seminar, presented the welcome address. Dr. Poonam Parihar, organizing secretary of the RASSA seminar, presented the formal vote of thanks and informed that the issues raised by the dignitaries will be deliberated upon in the technical sessions of the seminar. The seminar was attended by the statutory officers, HODs and faculty of SKUAST-J, Jammu.

The lead Paper session (Technical Session-I) was chaired by Dr. Narender Pratap Singh, Director, ICAR-NIASM, Baramati and co-chaired by Dr. Awdhesh Kumar Singh, President, RASSA, New Delhi. Dr. D.K. Vatsa, Director Research, CSKHPKV, Palampur, H.P. and Dr. Akarsh Parihar, Associate Research Scientist (PBG), Distant Hybridization Scheme, Centre for Excellence in Biotechnology, AAU, Gujarat presented lead papers on Modern Technologies to boost Farmer's Income of Rural India with Special Reference to Mountain Agriculture and Speed Breeding: A Promising Tool for New Green Revolution, respectively.

Technical session-II was chaired by Dr. Rakesh Nanda, Head, Division of Agricultural Extension Education, SKUAST-J and co-chaired by Dr. M.S. Nain, Principal Scientist, Division of Agricultural Extension, ICAR-IARI, New Delhi. Dr. Sheetal Badyal, Scientist, KVK-Jammu, SKUAST-J and Dr. J.S. Manhas, Assistant Professor, Division of Agricultural Extension Education, SKUAST-J served as rapporteur of the sessions. Invigorating Transformation of Farm Extension towards Sustainable Development: Futuristic Challenges and Prospects was the theme of respective technical sessions. Some of the speakers were conferred with the Best Oral Presentation Award.

Technical session-III was chaired by Dr. D.P. Abrol, Dean, FoA, SKUAST-J and co-chaired by Dr. Janardan Singh, Professor, Agronomy, CSK HPKV, H.P. Dr. Prashant Bakshi, Associate Professor, Division of Fruit Science, SKUAST-J and Dr. Julie Dogra, Associate Professor, Division of Food Science & Technology, Chatha, SKUAST-J served as the rapporteur of the session. Recent development in Horticulture was the theme of the respective technical session.

Technical session-IV was chaired by Dr. M.M. Zama, Dean, Faculty of Veterinary Science and A.H., SKUAST-J and co-chaired by the Dr. Shiv Pratap Singh, Principal Scientist, Division of Agricultural Engineering, ICAR-IARI, New Delhi. Dr. Devinder Singh, Assistant Professor, Division of Entomology, SKUAST-J was the convener of respective session. Dr. Jonali Devi, Professor, Division of Entomology, F.V.Sc., SKUAST-J and Dr. B. Brahma, Associate Professor (LPM), F.V.Sc., SKUAST-J was the rapporteur of the respective session. Technical Advances and innovation in livestock and companion animals was the theme of the respective session.

Technical session-V was chaired by Dr. S.E.H. Rizvi, Dean, Faculty of Basic Sciences, SKUAST-J and co-chaired by Dr. B.C. Sharma, Division of Agronomy, SKUAST-J. Dr. Manish Sharma, Professor, Division of Statistics and Computer Science, SKUAST-J was the convener of the session. Dr. P.K. Rai, Senior Scientist, ACHR, Udheywala, SKUAST-J and Dr. Anita Singh, Scientist, DST, Dept. of Crop Improvement, CSK HPKV, Palampur, H.P. were the rapporteur of the session. Environment and sustainability was the theme of the session.

Technical session-VI was chaired by Dr. Jag Paul Sharma, Director Research, SKUAST-J and co-chaired by Dr. Shalesh Kumar Singh, Deputy Director, NHRDF, New Delhi. Dr. Peeyush Sharma, Associate Professor, Division of Soil Science and Agricultural Chemistry, SKUAST-J was the convener. Dr. Sanjal Khajuria, KVK, Kathua, SKUAST-J and Dr. Anil Bhushan, Jr. Scientist, ACHR, Udheywala, SKUAST-J was the rapporteur of the session. Promoting the competitiveness of Indian Agriculture in a weakened Global Economy was the theme of the respective session.

A farmers-scientist and policy makers interactive meet & farmers Quiz was also held on 2nd day of the National Seminar in which more than 70 farmers participated and it was chaired by Dr. R.K. Arora, Associate Director Extension, SKUAST-J and co-chaired by Dr. Arish VAID, Chief Scientist and Head, KVK, Kathua, SKUAST-J. Dr. Vinod Gupta, Senior Scientist and Head, KVK, Samba, SKUAST-J and Dr. Vishal Mahajan, SMS, KVK, Kathua, SKUAST-J were the rapporteur of the session.

Professor S.S Sarangdevot, Vice Chancellor, JRN Rajasthan Vidyapeeth University, Udaipur was the Chief Guest, Dr. Ram Vishwakarma, Director, IIM, Jammu was the Guest of Honour, Professor Rajesh Singh, Vice-Chancellor, Purnea University, Bihar & Sh. Anil Singh, Executive council member, Lucknow University were the Special guest of the event on 2nd day in the Valedictory Function on 20.11.2018.

Lead papers, oral and poster technical sessions were organized during the seminar on themes including transformation of farm extension towards sustainable development; advances in crop production technologies & natural resource management: crop improvement & protection technology; agripreneurship; environment & sustainability and extension system & policy issues, etc. Scientists, teachers, extension officers, scholars and students from different parts of the country participated in the national seminar with their innovative ideas to meet the objectives of the society. Dr Manoj Dhar, Vice Chancellor, University of Jammu; Prof. Rajesh Singh, Vice Chancellor, Purnea University, Bihar and Dr N P Singh, Director ICAR-NIASM, Baramati, Maharashtra, were among the participants who delivered lead lectures to discuss different smart technology tools to boost farmer's income and socio-economic upliftment. The researchable, developmental and policy recommendations emerged during the seminar were presented by Dr J P Sharma, Director Research, SKUAST-J and Convener of the national seminar. During the seminar, the president of RASSA society, Er Awadesh K Singh stressed for an integrated approach for overall development of poor farming community and showed his keen interest for identification and adoption of at least one under-developed

and poor village in Jammu region for its socio-economic development, in collaboration with SKUAST-Jammu. Scientists, scholars, students and farmers were conferred with awards under different categories during the valedictory function. Dr Poonam Parihar, organizing secretary of the national seminar presented the vote of thanks.

Recommendations

Technical Session - I

Researchable issues:

- Generation of Climate Smart Agriculture technologies
- Technologies for improving Nutrient Use efficiency & Water Use Efficiency under different agro-climatic conditions.
- Development of Smart agricultural tools for hill agriculture
- Use of biotechnological tools for selection of germplasm
- Popularization of developed Gender friendly technologies and need of such technologies
- Area specific Integrated Farming System models

Developmental issues:

- Socio-cultural and economic advancement for ease of life in rural areas.
- Local specific farmers oriented policies
- Popularization of climate resilient technologies and area specific IFS models

Policy issues:

- Specific agricultural modules based on agro-ecological situations must be popularized.
- Gap filling through strengthening of convergence between line departments.

Technical Session – II

Researchable issues:

- Mitigation and adaptation options for management of abiotic stress

- Various stress tolerant mechanisms under field conditions need to be studied
- Standardization of sensor based smart tools for conducting various farm operations to make agriculture attractive for young generation

Developmental issues:

- Promotion of proven sensor based smart tools for drudgery reduction in agriculture
- Promotion of organics to avoid soil and human health hazards
- Use of sea weeds for conserving soil moisture

Policy issues:

- Diverse gender sensitive indicators, approaches and analysis appropriate to diverse situations and communities should be developed and used.
- Capacity building needs are to be based on analysis of the constraints facing women in organic and sustainable farming

Technical Session – III

Researchable issues

- Resource generation and conservation through need based and sustainable farming system models with horticulture as integral components both for rainfed and irrigated ecologies.
- Agronomic measures for soil and water conservation in undulating terrains using improved crop cultures of existing staple food, horticulture and forage crops.
- Fruit quality in Horticultural crops is mostly climate related, so zonalization for horticulture is must to get export quality produce for instance apple.

Developmental issues:

- Adoption of robotics and drone technologies in agriculture.
- Use of aeroponics for seed production of potato.

Policy issues:

- Provision of healthy marketing facilities with removal of middlemen in the marketing channels, cold storage facilities and approach to terminal markets.
- Provision of subsidy on purchase of drones as a tool for overall monitoring of crop.

Technical Session – IV

Researchable issues

- Research work on pen side diagnostic test for field application
- Locally available feed and fodder should be explored for nutritive values
- Nano technology and edible vaccines has scope of advancement in drug delivery, immune profile and diagnostic markers for livestock diseases
- Conservation of local live stock germplasm for development of resilient breeds.
- Identification of breeding season in sheep of J&K state

Developmental issues:

- Use of smart technologies e.g Assisted Reproductive Technologies (ART), Embryo Transfer Technology (ETT), use of fold scope microscopy etc at farmer's level.
- Integration of location specific crop and animal components in Watershed Programmes to uplift the rural economy of the region
- Promotion and popularization of smart technologies for management, diagnosis and treatment of live stock diseases
- Mobile based advisory services for immunization and Vaccination of domestic animals

Policy issues:

- Zone wise breeding strategies of live stock for J&K state may be devised

- Specific policy initiative for promotion of organic live stock farming, backyard poultry and fish farming.

Technical Session – V

Researchable issues

- Diversified intensification of crops with concept of sustainability in irrigated and rainfed ecologies
- Explore and exploit Irrigation potential of the different agro-ecologies to the maximum for crop intensification
- Identification of New crops, crop cultures and cropping systems in changing climatic scenario
- Redefining of growing periods of the rainfed area crops in accordance with standardised weather agro-advisories in the changing climatic scenario
- Studies regarding declining trend of pollinators need to be formulated as their survival has direct bearing on food security

Developmental issues:

- Contingent crop planning for early, mid season and terminal droughts and other weather aberrations

Policy issues:

- Provision of financial assistance to the needy farmers for purchase of inputs
- Formulation of policy for improvement of input distribution system in the rural unapproachable distant areas
- Peoples participation in sustainable management of natural resources need to be promoted

Technical Session – VI

Researchable issues

- Screening of scalability of farmer's led innovation
- Analysis of institutions to assess their potential as participants and building capacity of partner institutions for up-scaling farmers led innovation.

- Study of backward and forward linkages in major Agri- enterprises

Developmental issues:

- Promotion of Community based farming
- Regular funding of sustainability to small farms
- Synergetic conversions of banks, NGOs, research institution, state line department may bring positive impact in the form of initiation of income generating activities.
- Facilitating the database to act as a platform for exchange of information and experiences, developing and disseminating theme-based knowledge products

Policy issues:

- Minimizing the marketing channels
- Incentives for promotion of round the year cultivation
- The capacity building interventions not only have the potential for changing entrepreneurial competencies but broadening the horizon of the participants to launch their own income generating activities.
- Screening for scalability of farmers' innovations and efforts for their institutionalization pre- requires creation of platform for exchange of information and experiences,
- Developing and disseminating theme-based knowledge products and undertake analysis of partner institutions to assess their potential as participants and building capacity of partner institutions

Session: Farmers-Scientists and Policy Makers Interactive Meet

Researchable issues

- Development of resource generation and conservation through need based and sustainable farming system modules with Horticulture and Agroforestry as an integral component for rainfed areas.

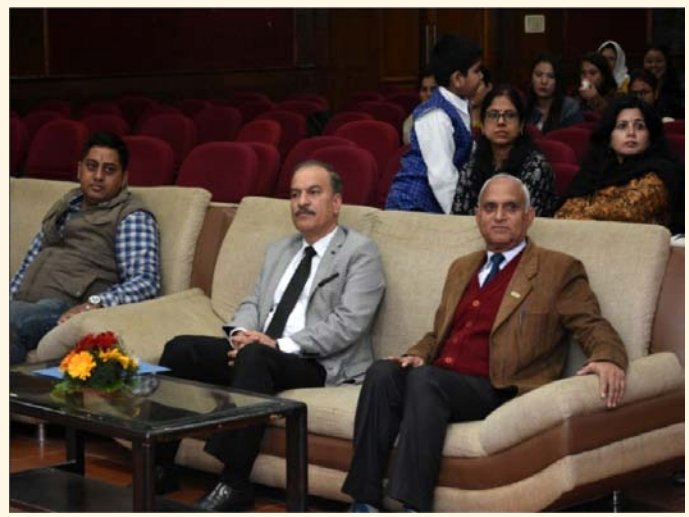
Glimpses of RASSA National Seminar at SKUAST-J, Jammu on 19-20 November, 2018



Glimpses of RASSA National Seminar at SKUAST-J, Jammu on 19-20 November, 2018



Glimpses of RASSA National Seminar at SKUAST-J, Jammu on 19-20 November, 2018



- Crop diversification through low water requiring oil-seed and pulse crops on inter and intra seasonal basis in rainfed ecologies.
- Identification of New crops, crop cultures and cropping systems in changing climatic scenario and Monkey menace and other wild animals.
- Contingent crop planning for early, mid season and terminal droughts and other weather aberrations

Developmental issues:

- Scio-cultural and economic advancement for ease of life in rural areas.
- Local specific farmers oriented policies
- Popularization of climate resilient technologies and area specific IFS models

- Formation of farmer club and farmer producer's organizations (FPOs)

Policy issues:

- Gap filling through strengthening of convergence between line departments
- To provide financial aid to the needy farmers for purchase of inputs and improvement in input distribution system
- Provision of healthy marketing facilities with removal of middlemen in the marketing channels, cold storage facilities and approach to terminal markets

Awards were conferred to following researchers in different categories during valedictory function of RASSA Seminar 2018 at SKUAST-J, Chatha, Jammu on 20.11.2018.

S.No.	Category of Awards	Area
1.	Best Extensionist	
	Dr. Banarsi Lal, I/C, Sr. Scientist-cum-Head, KVK, Reasi (Sher-e-Kashmir University of Agricultural Sciences & Technology-J, Jammu)	In the area of Agricultural Extension
	Dr. Poonam Sharma, Associate Professor, Division of Food Science & Technology, SKUAST-Kashmir, Shalimar Campus, Srinagar (J&K)	In the area of Foods and Nutrition
	Dr. Rakesh Kumar Singh, Subject Matter Specialist (Animal Science), Krishi Vigyan Kendra, ICAR-Indian Institute of Sugarcane Research, Lucknow-226002, Uttar Pradesh	In the area of Animal Science
	Dr Amit Singh Charak, Scientist (SS)-Agronomy, SKUAST-J, KVK-Doda, Gwari, Bhandarwah Jammu & Kashmir	In the area of Agronomy
	Dr S. Saravanakumar, Scientist (Agronomy), ICAR KVKMYRADA, Erode District Tamil Nadu	In the area of Agronomy
2.	Young Scientist	
	Dr. Rajan Bhatt, Scientist (Soil Science), Regional Research Station, Kapurthala, Punjab Agricultural University, Ludhiana	In field of Soil Physics & Water conservation
	Dr Jasbir Singh Manhas, Assistant Professor (Stage II), Division of Agricultural Extension Education, Faculty of Agriculture, Sher-e-Kashmir University of Agriculture Sciences & Technology of Jammu-180009, J&K	In field of Agricultural Extension Education
	Dr P K Singh, Sher-e- Kashmir University of Agriculture Sciences & Technology of Kashmir, Srinagar	In field of Vegetable Breeding

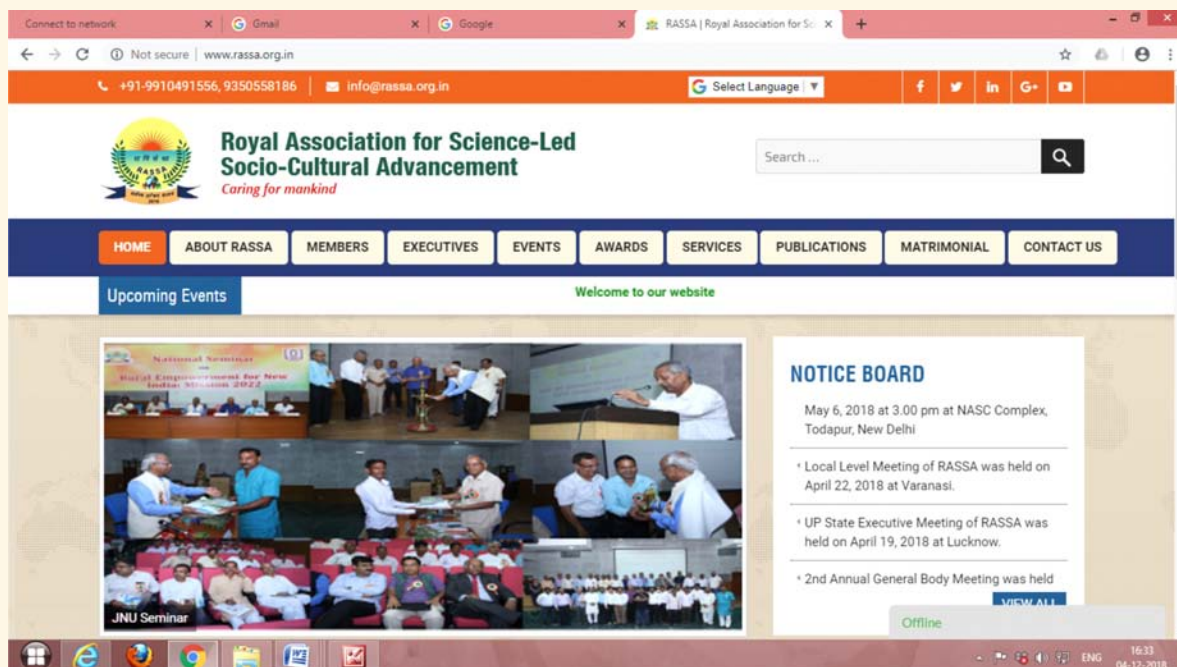
S.No.	Category of Awards	Area
	Dr Anil Bhat, Assistant Professor, Division of Agricultural Economics and Agri Business Management, Faculty of Agriculture, SKUAST-Jammu, Chatha, Jammu & Kashmir	In the field of Agricultural Economics
	Dr Rajiv Kumar Singh, Principal Scientist, Division of Agronomy, ICAR-IARI, New Delhi	In the field of Agronomy
	Dr Mahital Jamwal, Scientist & Head, Regional Horticulture Research Station, SKUAST-J, Baderwah (J&K)	In the field of Horticulture (Fruits)
3	Outstanding Researcher	
	Dr. Sanjeev Kumar Singh, Assistant Chief Technical Officer Division of Genomic Resources, ICAR-National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi-110012	In field of management of Plant Genetic Resources, experience of exploration, characterization and conservation of plant genetic resources in remote and neglected parts of North-eastern region of India.
	Dr. Meenakshi Raina, Research Fellow, Department of Biotechnology, Central University of Jammu, J&K	For devising strategies in developing futuristic crops that can secure the food and nutritional needs of upcoming generations in view of the dwindling land and natural resources, changing climate patterns, and teeming billions overpopulating the earth.
	Dr Devesh Kumar, SRF, Division of Agril. Engg, ICAR-IARI, New Delhi	In field of Farm Machinery & Power Engineering.
	Dr. Mehraj Ud Din Khanday, Senior Research Fellow, Division of soil Science & Agricultural Chemistry, Faculty of Agriculture Wadura SKUAST-Kashmir	In field of Soil Science
	Dr Aejaz Ahmad Dar, PDF (DST SERB), School of Biotechnology, SKUAST Main Campus Jammu, Chatha-180009, J&K	In field of Bio-technology
	Dr. Shabir Ahmad Lone, Animal Reproduction Gynaecology and Obstetrics, Artificial Breeding Research Center (ABRC), ICAR-National Dairy Research Institute (ICAR-NDRI), Karnal-132001, Haryana	In field of Veterinary Gynaecology & Obstetrics
4.	Innovation Award	
	Er Mukesh Kumar Singh, (Scientist-on leave), Ph.D. Scholar, Department of FMPE, CTAE, MPUAT Udaipur (Rajasthan)	For battery-assisted farm equipment
	Dr Awani Kumar Singh, Principal Scientist, CPCT-ICAR-IARI, New Delhi-110012	For protected cultivation
	Dr Anita Singh, Scientist (DST), Department of Crop Improvement, CSK HPKV, Palampur-176062, H.P.	For development of DNA fingerprinting database
5.	Best Ph.D Thesis	
	Dr. Chanchila Kumari, SMS & I/c K.V.K., Koderma, ICAR-NRRI, Cuttack	A comparative study of awareness towards nutrition among rural and urban women of Koderma district

S.No.	Category of Awards	Area
	Dr Neeraj Singh, Department of Vegetable Sci., GBPUAT, Pantnagar: Vill/Post- Ramnagar Bhojpur, Tehsil-Sadar, District- Pratapgarh-230503, Uttar Pradesh	Genetic studies for yield and its contributing traits in okra [<i>Abelmoschus esculentus</i> (L.) Moench]
	Dr. Neeraj, Project Fellow, DST-SERB, School of Biotechnology, SKUAST-Chatha, Jammu-180009	Genetic analysis of seed quality traits and anthracnose resistance in common bean (<i>Phaseolus vulgaris</i> L.) using molecular markers
	Dr Sunali Mahajan Department of Statistics and Computer Science, SKUAST-J, 180009	Statistical modelling for production, cost and profit functions of foodgrains: A quantile regression approach
6.	Best P G Thesis	
	Er Madhvi Singh Department of Food Engineering & Tech. Tezpur University, Napaam, Tezpur-784028, Assam	Development & characterisation of physically modified rice flour noodles incorporated with encapsulates of flaxseed oil
	Sri Patel Runit Jagdishbhai, Department of Agricultural Biotechnology, Anand Agril. Uni., Anand-388110, Gujarat	Phenotyping and identification of molecular marker linked to TLCV (tomato leaf curl virus) resistance in tomato (<i>Solanum lycopersicum</i> L.)
	Sri Yudhishter Singh Bagal, V.P.O. Swankha Tehsil Ramgarh District Samba-184120, J&K	Utilization of communication sources by wheat growers of Samba district

4.2 Publications (Website, Journal & Rajarshi Sandesh)

Dynamic Website www.rassa.org.in was launched from April, 2018.

License for printing the journal 'RASSA Journal of Science for Society' and magazine 'Rajarshi Sandesh' has been obtained and a copy of each has been printed for getting RNI number.



4.3 Professional Activities in News

At the ramparts of JNU: Mission 2022, Empowering New Rural India

NEWS

by Dr. Sangeta Soti
August 10, 2018 12:00 AM IST

Related Links

- Food processing sector integrating local producers with Global Markets
- ICAR to organize state level Farmer fair
- IAS Swamy takes charge of Coconut Development Board
- At the ramparts of JNU: Mission 2022, Empowering New Rural India

National Seminar on Rural Empowerment for New India: Mission 2022

August 10, 2018

Convention Centre, JNU, New Delhi

Organised by:
Royal Association for Science-led Socio-cultural Advancement (RASSA), New Delhi
Jawaharlal Nehru University, New Delhi
Grass Root Research & Creation (P) Ltd, Noida
ASSURE Foundation New Delhi

Picture of country will be changed from agriculture prosperity will come

जगरण MENU राज पूरे बीडियो

राजा खन्ने बीडियो राष्ट्रीय जगरण स्पेशल पर्सनिटिव्स दुनिया आम मुद्दे टेक इन विजनेस क्रिकेट प्रीटो

सेमिनार में संस्था के अध्यक्ष अशोक कुमार सिंह ने सभी वैज्ञानिकों का स्वागत करते हुए कृषि उद्योग से ग्रामीण विकास का रास्ता पेश किया।

How to keep your newborn safe during the monsoons
Does your Motor Insurance Policy protect Car Tyres

जगरण ब्यूरो, नई दिल्ली। कृषि क्षेत्र में लघु व सीमांत किसानों के खेतों से ही सुसहारी निकलेगी। लघु व छोटी जमीन की कृषि समस्या नहीं है, बल्कि उसे ही अपनी ताकत बनाने की जरूरत है। इस दिशा में सरकार ने पहल भी की है। जाने-माने कृषि वैज्ञानिक डॉक्टर आरबी सिंह ने कहा कि छोटे किसानों से ही ग्रामीण संभ्रत आयेगी। उन्हें सीमित संसाधनों वाली खेती करने की टेक्नोलॉजी की सख्त जरूरत है।

National Seminar by RASSA concludes at SKUAST-J

on: November 22, 2018
In: Art & Culture, Cities & Towns, Jammu Tags:
No Comments Print Email

Share Tweet Share in Share Share

STATE TIMES NEWS

JAMMU: Two-day National Seminar on 'Smart Technologies to Boost Farm Profitability & Socio Economic Status of Rural India' organized by the Royal Association for Science-led Socio-Cultural Advancement (RASSA)- New Delhi, in collaboration with Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J) concluded here on Wednesday.

TUESDAY, NOVEMBER 20, 2018 (PAGE 7)

2090 farmers leaving farming every day: DDG ICAR

Excelsior Correspondent

JAMMU, Nov 19: "On an average, 2090 farmers are leaving farming every day, which is a serious issue and needs immediate redressal."

hold. He advised Agricultural Scientists and extension workers for working in a mission mode and policy makers for providing other economic opportunities to smallholder farmers for sustainable livelihood.

Dr P K Sharma, Vice Chancellor SKUAST-Jammu, said that in the globalization and digital age era we should manage the information, use decision support system for precision farming and automation to increase input use efficiency which is low in India, and more so

This was stated by Dr N S Rathore, Deputy Director General (Education), Indian Council of Agriculture Research (ICAR), New Delhi, while addressing the national seminar, "Smart Technologies to Boost Farm Profitability and Socio-

Dr. Nirmal Singh alongwith others releasing souvenir of the national seminar at SKUAST Jammu.

Economic Status of Rural India", at the Sher-e-Kashmir University of Agricultural Sciences & Technology-Jammu (SKUAST-J), here today.

He said that for achieving sustainable profitability in farming, the policy makers, researcher and extension agencies should lay more emphasis on smart technologies which should be specific to an area, measurable, attainable, realistic and time bound (SMART).

Speaker J&K State Legislative Assembly, Dr Nirmal Singh inaugurated the seminar. In his inaugural address to 300 plus delegates from across the country, he laid emphasis on shifting focus from "agricultural centric" to "agriculturist centric" approach for augmenting the low levels of farm income from around 75,000/- per year per farm house-

in the Jammu & Kashmir State.

Dr A K Singh, president RASSA, delivered a keynote address in the inaugural function and gave an overview of the objectives of RASSA which aims to achieve synergy between socio-cultural and scientific advancement, especially in view of small land-holding in the country. He said villagers' prosperity will ensure nation's prosperity.

Dr J P Sharma, convener of the seminar, presented the welcome address. Dr Poonam Parihar, organizing secretary of the RASSA seminar, presented the formal vote of thanks and informed that the issues raised by the dignitaries will be deliberated upon in the technical sessions of the seminar. The seminar was attended by all the Statutory officers, HODs and faculty.



RASSA organizes National Seminar



Early Times Report

Jammu, Nov 21: Two days National Seminar on 'Smart Technologies to Boost Farm Profitability & Socio Economic Status of Rural India' organized by the Royal Association for Science-led Socio-Cultural Advancement (RASSA)- New Delhi, in collaboration with Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J) concluded with a valedictory function at SKUAST-J, Chatha, wherein Prof. S.S. Sarangdevot, Vice Chancellor, Rajasthan Vidyapeeth, was the Chief Guest and Dr. Ram Vishwakarma, Director-IIIM Jammu was the guest of honour. Prof. Rajesh Singh, Vice Chancellor, Purnea University, Bihar and Sh. Anil Kumar Singh, Executive Member of Lucknow University, were the special guests during the function. Lead papers, oral and poster technical sessions were organized during the seminar on themes including transformation of farm extension towards sustainable development; advances in crop production technologies & natural resource management: crop improvement & protection technology; agripreneurship; environment & sustainability and extension system & policy issues, etc and technological innovations concerning environment, agriculture, food science & transfer of technology to provide a roadmap for doubling farmers income and

नई दिल्ली, 14 अगस्त 2018
16 दैनिक जागरण राष्ट्रीय/अंतरराष्ट्रीय जागरण www.jagran.com

लघु व सीमांत किसानों के खेतों से निकलेगी खुशहाली

जागरण ब्यूरो, नई दिल्ली : कृषि क्षेत्र में लघु व सीमांत किसानों के खेतों से ही खुशहाली निकलेगी। लघु व छोटी जोत कृषि समस्या नहीं है, बल्कि उसे ही अपनी ताकत बनाने की जरूरत है। इस दिशा में सरकार ने पहल भी की है। जाने-माने कृषि वैज्ञानिक डॉक्टर आरबी सिंह ने कहा कि छोटे किसानों से ही ग्रामीण संपन्नता आएगी। उन्हें सीमित संसाधनों वाली खेती करने की तकनीक की सख्त जरूरत है।

देश के 86 फीसद से अधिक किसान इसी श्रेणी के हैं जिनके लिए नई नीति तैयार करनी होगी। डॉक्टर सिंह जवाहर लाल नेहरू विश्वविद्यालय में आयोजित 'भारतीय कृषि से बदलती भारत की तस्वीर' विषय पर आयोजित एक सेमिनार में बोल रहे थे। इसका आयोजन रॉयल विज्ञान संस्था ने किया था। उन्होंने कहा कि किसानों की मूल समस्या उनकी उपज का उचित मूल्य दिलाना है। पैदावार बढ़ाने के तौर-तरीके से हमारे किसान अच्छी तरह वाकिफ हैं। हरितक्रांति से लेकर आज तक किसानों को सिर्फ पैदावार बढ़ाने के तरीके बताए जाते रहे। लेकिन उचित मूल्य का न मिलना उनकी गंभीर समस्या बन गई।

programme till date. Nearly, 300 IIBTs and 1,350 CTS the urban local bodies," the Chief Secretary directed the before it at the next meeting on December 5. achievement and felicitated him here on Monday, 14.

Over 2k giving up farming daily: ICAR

Tribune News Service

JAMMU, NOVEMBER 19 NS Rathore, deputy director general (DDG), Education, Indian Council of Agriculture Research (ICAR), on Monday lamented the fact that on an average, 2,000 farmers in the country were leaving farming every day. "This is a serious issue and needs immediate redressal," he said during national seminar 'Smart technologies to boost farm profitability and socio-economic status of rural India' held at the Sher-e-Kashmir University of Agricultural Sciences and Technology-Jammu (SKUAST-J).

He said for achieving sustainable profitability in farming, policy makers, researcher and extension agencies should lay more emphasis on



Assembly Speaker Nirmal Singh releases a souvenir at a seminar at SKUAST, Jammu. TRIBUNE PHOTO

reasonable attainable realistic and time bound (SMART). Nirmal Singh, Speaker, State Legislative Assembly, who inaugurated the seminar, laid emphasis on shifting the focus from "agricultural-centric" to the "agri-cultural-centric" approach for augment-

25,000 per year per farm household. He advised agricultural scientists and extension workers to work in a mission mode and policy makers to provide other economic opportunities to farmers for sustainable livelihood. More than 300 delegates

PK Sharma, Vice Chancellor, SKUAST-Jammu, welcomed the dignitaries and delegates. "In the era of globalisation and digital age, we should manage the information and use decision support systems for precision farming, which is

5

RAASA Social Activities

5.1 Farming

RAASA adopted following four villages to disseminate the latest technologies amongst farmers to upgrade their social living,

1. Babiyaon village Block Chaubepur, District Varanasi
2. Bihat Biram village, Block Majhreta, District Sitapur.
3. Sema village, Block Jahanaganj, District Azamgarh.
4. Machkoli Village, District Bulandhsahr

Babiyaon village, Block Chaubepur, District Varanasi

Contact person of the village is Sri Shalendra Singh Raghuvanshi. RAASA-Kisan Sahyog Karyakram was organised in the village on 16.09.2018. Dr Narendra Singh Raghuvanshi is the incharge for the activities in

the village. President RAASA was in this event to boost the Varanasi Unit. Fifty farmers participated in this program. The program was covered by various newspapers of the district. Interested farmers were selected for technological intervention.

Another RAASA-Kisan Sahyog Karyakram was organised in the village on 16.11.2018 by the incharge of the village. Farmers were given information about improved package and practices.

Bihat Biram village, Block Majhreta, District Sitapur

Contact person of the village is Sri Vivek Singh Shekhawat. RAASA-Kisan Sahyog Karyakram was organised in the village on 23.09.2018 by Lucknow unit of RAASA. Dr Amit Singh Shekhawat is the incharge for the activities in the village. The programme was





highlighted in different news papers of the district 110 farmers participated in the programme. Some farmers were selected for the latest technological intervention. Enrolled RASSA Kisan Members of the village are given below,

Membership Number	Name and address	Mobile number
KM 005	Sri Vivek Singh Shekhawat, S/o Sri Mritunjai Sharan Singh, Village Bihat Biram, Machreta Block, Misrikh Tehsil, Sitapur district UP	9919035852 8574164678
KM 018	Sri Asheesh Singh, S/O Sri Shyam Singh, Village Bihat Biram, Machreta Block, Misrikh Tehsil, Sitapur district	7051678288
KM 019	Sri Shiva Singh, S/o Sri Brijesh Singh, Village Bihat Biram, Machreta Block, Misrikh Tehsil, Sitapur district	7523881287
KM 020	Sri Ranjeet Singh, S/o Sri Krishna Bihari Singh, Village Bihat Biram, Machreta Block, Misrikh Tehsil, Sitapur district	9807240235
KM 021	Sri Gajendra Singh, S/o Sri Kamta Bakhsh Singh, Village Bihat Biram, Machreta Block, Misrikh Tehsil, Sitapur district	9169032144
KM 022	Sri Jamuna Singh, S/o Sri Mrigendra Singh, Village Bihat Biram, Machreta Block, Misrikh Tehsil, Sitapur district	7458886797
KM 023	Sri Amit Singh, S/o Sri Pushkar Singh, Village Bihat Biram, Machreta Block, Misrikh Tehsil, Sitapur district	9415526095 9935526095
KM 024	Sri Ramesh Kumar, S/o Sri Sahdev Prasad, Village Bihat Biram, Machreta Block, Misrikh Tehsil, Sitapur district	7388787280
KM 025	Sri Dharmendra Awasthi, S/o Sri Indrapal Awasthi, Village Bihat Biram, Machreta Block, Misrikh Tehsil, Sitapur district	9450380582

KM 026	Sri Ramashankar Agnihotri, S/o Sri Vidyadhar Agnihotri, Village Bihat Biram, Machreta Block, Misrikh Tehsil, Sitapur district	9696295055
KM 043	Sri Satya Prakash Dixit, S/o Sri Jagat Narayan Dixit, Village Bihat Biram, Machreta Block, Misrikh Tehsil, Sitapur district	9935438825
KM 044	Sri Sanjeev Kumar Mishra, S/o Sri Late Omkar Nath Mishra, Village Bihat Biram, Machreta Block, Misrikh Tehsil, Sitapur district	9005900403

Sema village, Block Jahanaganj, District Azamgarh

Dr Rudra Pratap Singh is the incharge of the activities in the village. RASSA Kisan members are being enrolled from Sema and adjoining villages of the Jahanganj block is given below:

Membership Number	Name and address	Mobile number
KM 27	Sri Asheesh Kumar Singh, So Sri Satiram Singh, Village Sema, Block Jahanaganj, Azamgarh	9450737189
KM 28	Sri Ajay Kumar Singh, S/o Sri Suresh Singh, Village Behna, Block Jahanaganj, Azamgarh	9451550077
KM 29	Sri Baijnath Singh, S/o Sri Ram Ashar Singh, Village Parasi, Block Jahanaganj, Azamgarh	7860755100
KM 30	Sri Vijay Bahadur Singh, S/o Sri Rampyare Singh, Village Dhanhana, Block Jahanaganj, Azamgarh	9450828148
KM 31	Sri Bharat Singh, S/o Sri Jangi Singh, Village Behna, Block Jahanaganj, Azamgarh	9451674333
KM 32	Sri Rajesh Singh, S/o Sri Maqsudan Singh, Village Behna, Block Jahanaganj, Azamgarh	9451673859
KM 33	Sri Govind Singh, S/o Sri Ramchandra Singh, Village Sema, Block Jahanaganj, Azamgarh	9415243218
KM 34	Sri Pm Prakash Singh, S/o Sri Kalprath Singh, Village Sema, Block Jahanaganj, Azamgarh	9452810972
KM 35	Sri Durgvijay Singh, S/o Sri Jagatnarayan Singh, Village Behna, Block Jahanaganj, Azamgarh	9454716833
KM 36	Sri Pankaj Singh, S/o Sri Amardev Singh, Village Roshanpur, Block Jahanaganj, Azamgarh	98889397474
KM 37	Sri Suryanath Singh, S/o Sri Bihari Singh, Village Jairampur, Block Jahanaganj, Azamgarh	8004485668
KM 38	Sri Bahadur Singh, S/o Sri Banarasi Singh, Village Sema, Block Jahanaganj, Azamgarh	9450622003
KM 39	Sri Subash Singh, S/o Sri Ramashray Singh, Village Hathanta, Block Jahanaganj, Azamgarh	9415400009
KM 40	Sri Santosh Singh, S/o Sri Aniruddha Singh, Village Samraul, Block Jahanaganj, Azamgarh	9450030940
KM 41	Sri Sunil Singh, S/o Sri Bansh Bahadur Singh, Village Samraul, Block Jahanaganj, Azamgarh	9415370721

Machkoli Village, District Bulandhsahr

The contact person from the village is Sri Manoj Kumar. RASSA-Kisan Sahyog Karyakram was organised at Machkoli village of Bulandshahar district on 30.09.2018 by RASSA, Delhi. The RASSA-Kisan Sahyog Karyakram was supported by Pahal Society and Manvadhikar Society of Bulanshahr. Dr Sanjeev Kumar Singh is the incharge for the activities in the village. Experts from fruits, vegetables, agronomy, plant protection, extension and agricultural engineering have exposed the farmers about latest technologies suitable for farming. About 95 farmers from 18 nearby villages participated in the program. Main emphasis in this event was on Ravi phasalson, integrated farming system, bagwani awam sabjiyon ki unnat taknik, integrated pest management with, safety devices for chaff cutter & thresher, improved farm machines and a cluster of the farming group.



Demonstration of Improved Varieties

Demonstration of improved varieties (wheat HD 2967 and Mustard) were conducted in the village [Bihat Biram] for assessing farmers' feedback.



Three varieties of wheat namely, HD 2967, HD 3086 and HD 3118 were sown on 19.11.2018 in village Dighwat, Chandauli. It was observed that the flowering in HD 2967 was slow than rest varieties.



The latest wheat variety (HD 2967 and HD 3086) was demonstrated in the cluster village (Sunehra, Hartoli, Shimbabli, Bilsori, Bullandshahr) as per the need and request of farmers during RASSA-Kisan Sahyog Karyakram.



RASSA Kisan Members

RASSA Kisan members were also enrolled from other than adopted village which is given below,

Membership Number	Name and Address	Mobile Number
KM 1	Sri Jaihind Kumar Singh, S/o Sri Chandrabhan Singh, Village Mandipur, Karra, Dobhi Jaunpur	9956995407
KM 3	Sri Pankaj Naresh Singh, S/o Late Sri Ram Ashray Singh, Khankah, Saraiuur, Azamgarh	9415370155
KM 4	Sri Ram Ashray Singh, S/o Late Sri Raj Pati Singh, Ghinhapur, Gopalpur, Azamgarh	9451671521
KM 6	Sri Upendra Veer Singh, S/o Sri Ramakant Singh, Khalijeet Pur (Ravaipur), Zameen, Azamgarh	9473782980
KM 7	Sri Nilesh Kumar Singh, S/o Sri Prabhakar Singh, Karkhiya Rustam Sarai, Azamgarh	9598919896
KM 8	Sri Shivendra Pratap Singh, S/o Sri Bal Mukund Singh, Karkhiya Rustam Sarai Azamgarh	9415348564
KM 9	Sri Prashant Kumar Singh, S/o D P Singh, Herapatti, Azamgarh	8417991773
KM 10	Sri Ambrish Singh, S/o Sri RDP Singh, Heerapatti, Azamgarh	9452460579
KM 11	Sri Bhanu Pratap Singh, S/o Sri Virendra Kumar Singh, Bholaghat Marg, Alival, Azamgarh	9415504573
KM 12	Sri Ram Pratap Singh, S/o Sri Bal Mukund Singh, Karkhiya Rustem Sarai, Azamgarh	9839614602
KM 13	Sri Tej Bahadur Singh, S/o Sri R K Singh, Mahjagawana, Rainki Sarai, Azamgarh	9415832714
KM 14	Sri Dharmendra Kumar Singh, S/O Sri Laxmi Singh, Jamin Harkhori, Dhanchula, Azamgarh	9415839127
KM 15	Sri Sujeet Kumar Singh, S/o Sri R P Singh, Akkirpur, Kerakat, Jaunpur	9451550577
KM 16	Sri Sanjay Kumar Singh, S/o Sri Virendra Pal Singh, Palirazapur, Aligarh UP	9639068443 8057969986
KM 17	Sri Kunwar Pal Singh Jadon, S/o Late Shri Son pal Singh, Deendayal Pur, Bhundasi, Aligarh	9536250659
KM 045	Sri Sri Rajiv Kumar Singh, S/o Late Sri Ram Adhar Singh, Mayandi pur, Mitawa, Topi Bazar, Buxa, Jaunpur	
KM 046	Sri Sri Ram Singh, S/o Sri Lal Sahab Singh, Badauli, Mitawa, Topi Bazar, Buxa, Jaunpur	
KM 047	Sri Trivhuwan Nath Singh, S/o Sri Bhulan Singh, Khambh Pur, Topi Bazar, Buxa, Jaunpur	
KM 048	Sri Satya Prakash Azad, S/o Sri Harishankar Singh, Virampur, Muftiganj, Kerakat, Jaunpur	
KM 49	Sri Sanjay Singh, Chandauli	
KM 50	Sri Paras Nath Singh, Chandauli	
KM 51	Sri Ramashanmar Singh, Chandauli	
KM 52	Sri Tribhuwan Narayan Singh, Chandauli	
KM 53	Sri Vijay Singh, Chandauli	
KM 54	Sri Gorakh Singh, S/o Late Sri Rajendra Pratap Singh, At& PO: Hingutar Garh, Chandauli, UP 232105	9654419534

5.2 Interaction with villagers

RASSA organized an interaction programme at Kantha village, District Unnao, Uttar Pradesh in collaboration with ASSURE Foundation, New Delhi under “Village Development Movement Mission” on April 19, 2018. The major issue of the farmers of the village was opening of the canal for irrigation purpose. An attempt is being made with concerned authority.



5.3 Educational Assistance

On the recommendation of Educational Assistantship Committee, RASSA provided educational assistance (Rs. 8011) to Sri Satyam Gaharwar S/O Sri Gorakh Singh, Shiv Ram Park, Nangloi Delhi, a student for persuing B.Sc (Physical Sciences) from Keshav Mahavidyalaya, University of Delhi. A MoU has been signed between student, guaranter and RASSA.

5.4 Establishment of RASSA EKAL VIDYALAYA in tribal belt

RASSA established RASSA Ekal Vidyalaya concept in Naudihawan village (tribal belt of Naugarh tehsil), Chandauli district, Uttar Pradesh. The Rural India Development Foundation (RIDF), Varanasi is the partner for RASSA EKAL VIDYALAY. A MoU has been signed between RASSA and RIDF. One time support of Rs. 5000/ required for establishing the RASSA EKAL VIDYALAYA and running expenditure of Rs. 3000/ per month was borne by RASSA. Teacher in RASSA Ekal Vidyalay is Sri Deepak Singh. Total number of students is 63.

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1.	अजय कुमार	मिथिलेश	1
2.	अरविन्द	जगजीवन	1
3.	आलोक	राजेश	1
4.	सुमित	भूपेन्द्र	1
5.	कृष्ण जीत	रामकिशन	1
6.	अमिता	सुरेश	1
7.	सुनीता	सुरेश	1
8.	सुनैना	विजयमल	1
9.	मधुरानी	मारकण्डे	1
10.	आकांक्षा	मिथिलेश	1
11.	अमरकान्त	मारकण्डे	1
12.	चन्दन	छैबर	1
13.	निशा	छैबर	1
14.	राधना	छुन्नू	1
15.	आंचल	सूरज	1
16.	प्रीती	राम भरोसे	1
17.	शिभा	ग्रहन	1
18.	प्रिंस	शिशम	2
19.	काजल	मुराहु	2
20.	प्रिती	राम किशुन	2
21.	सुमन	सोमारू	2
22.	अरुण कुमार	शान्ता	2
23.	साधना	छुन्नू	2
24.	विवेक	विलेन्द्र	2
25.	आकांक्षा	शेखर	2
26.	आशा	अमार नाथ	2
27.	ईशान	समीर अहमद	2
28.	विश्वजित	कमला	3
29.	विंध्याचल	विजयमल	3
30.	सुगन	लक्षमन	3
31.	प्रियंका	सुरेन्द्र	3

Ø-I a uke	fi rk dk uke	d{k
32.	गोलू	बजरंगी 3
33.	अजित	अनन्त 3
34.	प्रमिला	ग्रहन 3
35.	अन्जु	विलेन्द्र 3
36.	प्रियंका	बुल्लु 3
37.	रविशंकर	राम प्रसाद 3
38.	रेहान	तमिम अहमद 3
39.	जिशान	तमिम अहमद 3
40.	नन्दनी	राम अवध 3
41.	सविता	नेहरू 3
42.	सरोज	विजय मल 4
43.	ज्योति	जगदीश 4
44.	रोहित	दुलारे 4
45.	अरबिन्द	शिवपुजन 4
46.	सुमन	चन्द्रशेखर 4
47.	राकेश	सुरेन्द्र 4
48.	विमलेश	नेहरू 5
49.	कृष्ण कुमार	पांचु 5
50.	राधिका	राजेश 5
51.	संध्या	राजेश 5
52.	अनु	विलेन्द्र 5
53.	रेनु	रामबली 5
54.	आँचल	राम प्रसाद 5
55.	आदर्श	सतीश 5
56.	श्वेता	महेश 5
57.	सोनी	भुपेन्द्र 5
58.	साश्वत	रामजतन 5
59.	सोनु	राजेश 5
60.	शुभम	साधुसरण 5
61.	सुशील	मुराहु 5
62.	राहुल	संजय 5
63.	रुबी	रमेश 5

Other activities in the village are distribution of blankets, solar lamp and senetary pads.



5.5 Help

RASSA extends his hands to PM Relief fund and CM Kerala Flood Relief Fund. An amount of Rs. 11001 and Rs. 5001 was paid in both relief funds, respectively.

5.6 Foundation day

RASSA celebrated 2nd Foundation Day at Jammu Club, Jammu on **21.11.2018**. Dr N P Singh was the Chief Guest of the day, and Dr MC Parihar was guest of honour



on the day. The Foundation Day was presided by Er. Awadhesh Kumar Singh, President RASSA. Dr Poonam Parihar J&K State President, Dr Sanjay Guleria, Core organising Committee member of RASSA Seminar 2018 and Dr Shiv Pratap Singh shared the dais. Dr Shiv Pratap Singh welcomed the chief guest, guest of honour, President RASSA and all the members. President RASSA briefly expressed his ideas for RASSA. Dr Shiv Pratap Singh appraised the dias and members about one year achievement/ activities of RASSA. The Guest of Honour expressed his happiness towards RASSA for having such gathering for the noble cause of charity to the people. Chief Guest honoured the recipients of various award instituted by the RASSA for Life Time Achievement (Rajarshi), Outstanding Service (Maharshi) and Distinguish Service (Yashasvi). The awardees are as follows:

The Chief Guest appealed to all the members for strengthening the RASSA to make the strong linkage between members. RASSA honoured following participated members on their achievements:

S.No.	Name of Awardees	Award
1	Padma Bhushan Prof Ram Badan Singh (LM 111), Former Member, National Commission on Farmers, Govt. of India, New Delhi	Rajarshi
2	Prof Bachchan Singh (FM 128), Former Dean CT, GBPUAT, Pantnagar	Maharshi
3	Prof Harikesh Bahadur Singh (LM 046), Former Prof & Head, Department of Mycology & Plant Pathology, BHU, Varanasi	Maharshi
4	Dr. Rana D. P. Singh (LM 038), Former Joint Director I/C, Sugarcane Research Institute, Gorakhpur	Maharshi
5	Er. Sunil Kumar Singh (FM 084), Chancellor, Malvanchal University, Indore and President & CEO of Singh Group of Companies in the USA	Maharshi
6	Dr. D. K. Singh (LM 91), Professor in the Department of Vegetable Science, College of Agriculture, G.B.P.U.A.&T, Pantnagar, Udham Singh Nagar, Uttarkhand	Yashasvi
7	Dr. Ramesh Singh (LM 058), Zonal Manager, Super Crop Safe Limited, New Delhi	Yashasvi
8	Mr Sanjay Kumar Singh (FM 152), Chairman, Aprup Shikshan Sansthan, Varanasi	Yashasvi
9	Dr. Dheeraj Kumar Singh (LM 068), Managing Director, GRC India, Noida	Yashasvi

S.No.	Name of Awardees	Award
10	Dr. Harenda Pratap Singh (FM 139), Professor, Department of Agricultural Economics, BHU, Varanasi	Yashasvi
11	Dr. Shalesh Kumar Singh (FM 047), Deputy Director (Seed), NHRDF, New Delhi	Yashasvi
12	Dr. U.P. Shahi (FM 142), Associate Professor, Soil Science, SVPUA&T, Meerut	Yashasvi
13	Dr. Alok Kumar Singh (LM 020), Assistant Director (Seed), NHRDF, New Delhi	Yashasvi
14	Dr. Jai Prakash (FM 042), Principal Scientist, Horticulture, Division of Fruit and Horticultural Technology, ICAR-IARI, New Delhi	Yashasvi
15	Dr. R. K. Singh (LM 053), Principal Scientist & Head, Division of Seed Technology, ICAR-CPRI, Shimla	Yashasvi
16	Dr. Soban Singh Rawat (LM 115), Scientist 'D', Western Himalayan Regional Centre, National Institute of Hydrology, Flood Control Complex, Satwari, Jammu Cantt., J& K	Yashasvi

- Dr Dinesh Kumar Vatsa** for taking over charge of Director of Research at CSK HPKV, Palampur.
- Dr. Dharendra Kumar Singh** for taking over charge of Director Legal at GBPUAT, Pantnagar
- Dr Janardan Singh & Dr Anita Singh** for their son's admission in Armed Force Medical College (AFMC), Pune (Maharashtra).

All the members including National Executive appreciated RASSA Jammu Unit for organising a Grand National Seminar 2018 at SKUAST-J, Jammu from November 19-20, 2018 under leadership of Dr Poonam Parihar, State President.

6

RASSA Awardees-2018

1.1 Rajarshi Samman

Prof. Ram Badan Singh born in Budhanpur, Ghazipur, U.P. on 20 July 1940. He educated at Udai Pratap College, Varanasi, 1954-56; Govt. Agriculture College, CS Azad University of Agri. & Tech., Kanpur, 1956-60; North Carolina State University, Raleigh, N.C., USA, 1961-64; B.Sc. 1958; M.Sc. 1960; Ph.D. 1964. He served as Economic Botanist (Cotton) and Associate Professor of Plant Breeding, Punjab Agricultural University, Ludhiana, 1964-69; Prof. and Head, Dept. of Genetics and Plant Breeding, and Dean Faculty of Agri., Meerut University, Meerut, 1969-72; Prof. and Head, Dept. of Genetics and Plant Breeding, 1972-79 and Dean, Faculty of Agriculture, 1977-79, Banaras Hindu University, Varanasi; Regional Officer, Southeast Asia, International Board for Plant Genetic Resources (IBPGR), 1979-82, and Regional Plant Production and Protection Officer for Asia and the Pacific, 1982-91, FAO of the United Nations, FAO, RAPA, Bangkok; Senior Officer, Res. and Tech. Dev., FAO, Rome, 1991-94; Director, Indian Agricultural Research Institute, New Delhi, 1995-99; Chairman, Agricultural Scientists Recruitment Board, Govt. of India, New Delhi, 1999-2000; Assistant Director-General and Regional Representative for Asia and the Pacific, FAO, RAPA, Bangkok, 2000-02; Member, National Commission on Farmers, Ministry of Agriculture, Govt. of India, New Delhi, 2004-06; Advisor and Distinguished Professor, IFFCO Foundation, New Delhi, 2007-11.



He received Padma Bhushan, 2003; International Board for Plant Genetic Resources medal, 1984; Lal Bahadur Shastri Memorial Award, 1987; Vigyan Gaurav Samman, 2001; D.Sc. (h.c.), Jawaharlal Nehru Krishi Viswa Vidyalaya, Jabalpur, 2017; Orissa Univ. of Agri. & Tech. 2011, V.B.S. Purvanchal Univ., 2006, Maharana Pratap Univ. of Agri. & Tech., 2004, N.D. Univ. of Agri. & Tech., 2003, Tamil Nadu Univ. of Agri. & Tech. 2001, C.S. Azad Univ. of Agri. & Tech., 1997, Banaras Hindu Univ., 1994, and G.B. Pant Univ. of Agri. & Tech., 1991; Bharatiya Paramparagat Vigyan Puraskar, 2006; Dr. Zhu Shoumin International College of Nutrition Award, 2007; Distinguished Alumnus Award, B.H.U., 2007; Distinguished Alumnus Award, North Carolina State University, Raleigh, USA, 2013; Mahindra and Mahindra Lifetime Achievement Award - Krishi Shiromani Samman, 2015; Dr. V. Kurien Memorial Lecture Award, Michigan State University, USA, 2015; *Dr. A.B. Joshi Memorial Lecture Award, 2015*; Dr. D. Sundaresan Memorial Oration Award, NDRI, Karnal, 2016 and Fellow of National Academy of Sciences, India.

1.2 Maharshi Samman

Dr. Bachchan Singh born in Ghazipur, Uttar Pradesh on 4 July 1938. He educated at S.S.H.S. Nandganj, 1951-54; U.P. Collage Varanasi 1954-56; Govt. Agricultural College, Kanpur 1956-58; Allahabad Agricultural Institute 1958-61; University of Guelph, Canada, 1965-66; Michigan State University East-Lansing U.S.A. 1972-75, B.Sc. (Agri.) 1958, B.Sc. (Agri. Engg.), 1961, M.S. 1966, Ph.D. 1975. He was Lecturer, Agriculture Engg., T.D. College Jaunpur & Govt Agricultural College Kanpur 1961-64; Pool Officer, 1966-67; Assistant Professor 1967-69, and Associate Professor 1969-83, GBPUAT, Pantnagar; Associate Professor, College of Agriculture Mosul, Iraq 1979-82; Professor & Head, Farm Machinery, 1983-87; Dean student welfare 1987-89; Professor F.M.P. 1983-99; and Dean College of Technology, 1995-98, GBPUAT, Pantnagar; Emeritus Fellow of A.I.C.T.E. 1999-2001; Director M.P.M.D. Institute of Technology and Management Gorakhpur, U.P. 2001-04.

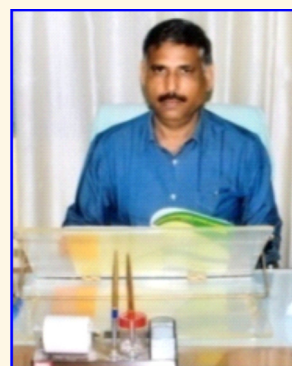


He received prestigious awards like ISAE Commendation medal 1987-88; ISAE Gold Medal, 2014; Vice President Indian Society of Agricultural Engineers 1991-92 & 1992-93. He is Fellow, Indian Society of Agricultural Engineering, 1992-93 and of National Academy of Sciences, India.

Prof. H.B. Singh born on July 18, 1953 has completed his B.Sc. from Avadh University, Faizabad in 1975 and M.Sc. from Gorakhpur University, Gorakhpur in 1977. He has completed his Ph.D. degree from Department of Mycology and Plant Pathology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi in 1981. Dr. Singh served as Assistant Professor, NEHU, Medziphema Campus, Nagaland, Associate Professor, GBPUAT, Hill Campus, Ranichauri, Scientist, CSIR-CIMAP, Lucknow and CSIR-NBRI, Lucknow prior to joining as Professor at the Department of Mycology and Plant Pathology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi in December, 2006. Also, he held the position of Head, Department of Mycology and Plant Pathology October, 2014 to September 2017; Visiting Professor, Cornell University and University of Illinois, USA from Nov. 08, 2011 to Dec. 09, 2011. Prof. Singh has contributed significantly in the field of sustainable agriculture through identification, characterization and yield validation of biocontrol agents for the management of various plant pathogens. In the process Dr. Singh developed several formulations containing microbes *Pseudomonas*, *Rhizobium*, *Bacillus* and *Trichoderma*, that can be used as biofertilizer and biopesticide. Commercial production of some of the biofertilizers (*Rhizobium*, PSB and *Azotobacter*) in 17 biofertilizer laboratories and 9 IPM laboratories of Govt. of Uttar Pradesh has been taken up since 2003. Prof. Singh in his capacity as the Head has been instrumental in empowering the Department of Mycology and Plant Pathology with DST-FIST Level-1 (Budget: 1.24 Crores) support in 2015. Dr. Singh has obtained 20 US/PCT patents, published 273 research papers, 38 review articles, 71 book chapters, 19 edited books, 4 authored book and several popular articles, trained 17 Ph.D. students, 4 PDFs and also trained > 7500 farmers through various Central and State Government funding programmes. Dr. Singh has been honoured by several prestigious awards namely CSIR Technology Award, 1999; Vigyan Bharti Award, 2000; Essential Oil Association of India, SOM Award, 2005; Society of Mycology & Plant Pathology, Prof. V.P. Bhide Memorial Award, 2006; Society for Plant Research, Scientist of Excellence Awards, 2007; BRSI Industrial Medal Award 2007; Bioved Fellowship Award 2009; Jyoti Sangam Award 2009; Akshyavat Samman 2009; Distinguish Scientist Award by Society for Research Development in Agriculture, 2011; Prof. Panchanan Maheshwari Medal by Indian Botanical Society, 2011; Rashtriya Gaurav Award- 2012 by IIFS, Plant Pathology Leader Award by IPS (MEZ), 2012; CSIR Award for S&T Innovation for Rural Development (CAIRD) 2011; Environment Conservation Award, 2013; Vigyan Ratna by UP Council of Science and Technology 2012; Mundkur Memorial Award, 2015; M.S. Swaminathan Award, 2016; and Life time Achievement award for Herbal crop protection by V S Research Foundation 2018.



Dr. Rana D.P. Singh, a distinguished Plant Breeder–cum–Geneticist with about 29 years of experience in Sugarcane Research, is Former Joint Director Incharge & Head, Division of Plant Breeding, Sugarcane Research Station, Gorakhpur (U.P) India. Before that, he has served as Scientific Officer (Plant Breeding), Scientific Officer–Senior Scale (Plant Breeding) at U.P. Council of Sugarcane Research and Sugarcane Research Station, Gorakhpur (U.P.) India. He also strengthens the work of Incharge of Seed Division, Farm Division and Nodal Officer, Rashtriya Krishi Vikas Yojna (RKVY)–Seed Project at Sugarcane Research Station, Gorakhpur (U.P.). He has obtained his M.Sc. (Ag.) and Ph.D degree in Genetics & Plant Breeding from Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, Uttar Pradesh, India. He has developed 12 sugarcane varieties which have been released & notified. Amongst these sugarcane varieties, newly identified disease-pest resistance early sugarcane variety having high yield with surpassed quality namely UP 09453 is being proved effective. He has



handled over as Principal Investigator/Project Incharge about 17 Institutional/All India Coordinated Research Project on Sugarcane/Externally Funded Projects. He is involved in varietal testing under ICAR–All India Coordinated Research Project on Sugarcane for more than 28 years. He has contributed to the development of sugarcane breeding stocks for high sugar and tonnage. He independently developed the following 12 sugarcane varieties/genotypes viz., CoSe 11455 (2011), CoSe 12451 (2012), CoSe 14453 (2014), CoSe 14454 (2014), CoSe 14455 (2014), CoSe 14456 (2014), CoSe 15455 (2015), CoSe 15456 (2015), CoSe 15457 (2015), CoSe 16454 (2016), CoSe 16455 (2016), CoSe 16456 (2016) which have been accepted for testing at multi-locations of North-Central & North-East Zones of the country under All India Coordinated Research Project on Sugarcane comprising Uttar Pradesh, Bihar, West Bengal, Assam. He has several national and international publications/awards to his credit. He is a life member of 12 professional societies/organizations and reviewer of several national & international journals.

Er. Sunil Kumar Singh born in Odra, Dhanapur, District Chandauli. He studied up to Intermediate level from Dhanapur. He graduated in Agricultural Engineering from Allahabad agricultural institute (Allahabad University) in 1982. He did his B. Sc. Ag. Engg. from Allahabad Agricultural Institute, Prayagraj (Allahabad). He was Lecturer at Post Graduate Collage, Ghazipur and then he joined as an Assistant Director at National Productivity Council, Delhi. He also started a small factory in Delhi. In April 1994, he immigrated with family (Wife - Manju Singh and 2 Sons - Rahul Singh & Manish Singh) to United States, WASHINGTON D.C. He owns 60 Papa John's Pizza restaurants in 5 different states of USA, apart from this He owns Child Care School, A Hotel and Several Rental Properties in different part of the USA. He is very active in Indian Community Activities, and the Followings are his main achievement.



He was past National President of Rajput Association of North America, National Council of Asian Indian Association. Mr. Singh Co-ordinated several programs for Indian Leaders, the most important one was for Prime Minister Mr. NARENDRA MODI program in WASHINGTON D.C. and NEW YORK, NY. Currently Mr. Singh is the Vice President of INDIA Committee centre (WASHINGTON D.C.), Chairman of National Council of Asian Indian Association and Chancellor of Malwanchal University, INDIA. He is President and CEO of Singh Group of Companies in the USA.

1.3 Yashasvi Samman

Prof Harindra Prasad Singh was born on 7th October, 1959 at Azamgarh, Uttar Pradesh. He did B. Sc (Ag.) & A. H., M. Sc(Ag.) and Ph.D. from GBPUA&T Pantnagar. He was awarded with National Scholarship, Junior Fellowship and Senior Fellowship of ICAR during his student life. He served HPKV Palampur and Dayanand College Ajmer and in 2002 joined BHU, Varanasi. He was the coordinator of Master of Agribusiness Management from 2011-2014 and Head, Department of Agricultural Economics during 2013-2016. He was honored with the Best Teacher Award in 2014. He was the advisor in the project of Cereal Systems Initiative for South Asia (CSISA). He is the life member of Indian Society of Agricultural Economics, Indian Society of Agricultural Marketing and Agricultural Economics Research Association. He was the member of Executive Committee of Indian Society of Agricultural Economics (ISAE) and the member of Research Program Committee of ISAE. He served as vice president of Executive Body of the Indian Society of Agricultural Marketing in the year 2017-2018. He published more than 50 research papers in reputed journals, wrote more than three chapters in the books and several popular articles. To his credit, there are two books related to economics and statistics. He is actively involved in teaching, research and extension activities for the last 28 years.



Dr R. K. Singh born on 7th January 1971 at Jaunpur, Uttar Pradesh. Graduation from Purvanchal University, Jaunpur with Gold Medal in 1991; M. Sc.(Ag) Horticulture 1993; and Ph.D. in Vegetable Science from GBPUAT, Pantnagar in the year 2000. Joined through ARS as Scientist at Regional Centre of CPRI, Jalandhar, selected as Programme Coordinator (Sr. Scientist), KVK, IISR, Lucknow in 2006. He contributed significantly towards dissemination & popularizing of potential technologies, developing capacity building of extension personnel & farmers, organizing farmers' fair, trainings and various outreach programmes at KVK, IISR, Lucknow till 2015. Selected as Head, Div. of Seed Technology, ICAR-CPRI, Shimla in 2016. Dr. Singh contributed ostensibly in seed potato research for producing healthy, disease free potato seed stocks, popularized processing varieties (Kufri Chipsona -1 and 3) and was instrumental in popularizing 'Seed Plot Technique' for producing good quality seed of potato in different parts of U.P in farmers' participatory mode. He has two varieties 'Kufri Sukhyati' & Kufri Kesar to his credit which is suitable for wider adaptability among the farmers in Punjab, U.P. Kufri Kesar variety is much preferred by the farmers of eastern region. He was awarded 'Distinguish Fellowship', Indian Potato association, CPRI, Shimla, 'Fellowship', ISVS, IIVR, Varanasi, 'Fellowship', Biodved Society, Allahabad. He received recognitions in the field of Extension *i.e.* '**Best KVK Professional**' from Society of Extension Education, Agra and '**Best KVK Scientist Award** from Indian Society of Extension Education, IARI, New Delhi. He was awarded as '**Eminent Scientist**' award by Samagra Vikas Welfare Society, Lucknow (U.P.). He is a Life Member of different national/international societies and published 50 research papers in reputed international & national journals along with popular articles (18nos), book chapters (21nos) extension bulletins (12nos), training manual (5nos) etc. He was editor in chief of 'Kisan Jyoti' biennial magazine since 2007-2015 and editor in 'Ikshu' Rajbasha magazine, ICAR-IISR, Lucknow till 2015, has three books to his credit and has presented more than 50 research papers in many national and international conferences.



Prof Dharendra Kumar Singh, born on 10th July 1970 at Village & Post- Kuba Khas, Tehsil- Lalganj, District Azamgarh, Uttar Pradesh, India. Dr. Singh did his Graduation (B.Sc. Agriculture) in 1989 & Post Graduation M.Sc. (Ag.) Horticulture from Purvanchal University, Jaunpur in 1991 with Gold Medal and Ph.D. Vegetable Science (Horticulture) in 1996 from N. D. University of Agriculture & Technology, Kumarganj, Faizabad. Dr. Singh Joined Assistant Professor (Horticulture) at S. K. University of Agricultural Sciences & Technology, Shalimar, Srinagar (J&K) in 2001. Presently, he is Professor in the Department of Vegetable Science, College of Agriculture, G. B. Pant University of Agriculture & Technology, Pantnagar, Udham Singh Nagar, Uttarakhand. Dr. Singh taught more than ten various courses of Vegetable Science for under graduate and post graduate students and Contributed in designing, developing and reorganization of postgraduate course- APV 534 production technology of spices. He guided twelve M.Sc. Ag. and five Ph.D. Students. Dr. Singh developed technology for the production of early cauliflower on raised bed system which minimizes the adverse effect of high rainfall and maximize production and productivity of early cauliflower; Developed low-cost poly house technology for the production of nursery plants and off-season production of vegetables at Malangpora, Distt. Pulwama, (J&K). He established mushroom production unit at KVK, Malangpora, Pulwama, (J&K) for the benefit of the local farmers. Dr. Singh handled more than five projects funded by various agencies. He was awarded '**Fellowship**' of Indian Society of Vegetable Science, IIVR, Varanasi. He has Life Membership of different national/international societies and published more than 45 research papers in reputed international & national journals along with popular articles (more than 36), books (04), book chapters (05), manual (02) etc. Dr. Singh has presented more than 55 research papers in many national and international conferences. Presently Dr. Singh has the additional responsibility of **Director Legal**, G. B. Pant University of Agriculture & Technology, Pantnagar, Udham Singh Nagar, Uttarakhand.



Dr. Dhiraj Kumar Singh did M.Sc, M.Phil & Ph.D in Environmental Sciences from Jawaharlal Nehru University (JNU), New Delhi and a Bachelor's Degree in Law (LLB). He is Founder & Managing Director of Grass Roots Research & Creation India (P) Ltd. (GRC India) and its unit M/s GRC India Training & Analytical Laboratory located at F: 374 & 375, Sector-63, Noida, Uttar Pradesh – 201301. He founded SEARCH Foundation a National level voluntary organization established as an NGO which strives for ensuring equal opportunities for the neglected sections of the society and for the people with different abilities. He is Joint Secretary, Official Alumni Association of JNU (AAJ), established under the statute 34(i) of JNU act 1966. He is Co-Convenor of Environment/CSR Vertical- BRICS Chamber of Commerce & Industry, Member of Managing Committee - Recycling & Environment Industry Association of India (REIAI), Governing Council Member - International Development Centre Foundation (IDC). He is Pioneer in Environment Clearance process and related NOCs as an Environment Consultant who believes in hand-holding with concerned stakeholders for the betterment of society at large. He is instrumental in creating a digital platform for each district in India to connect members district wise under the concept of *“Janma Bhoomi – Karma Bhoomi”* for environmental sustainability and social empowerment. He is involved in building a world of difference by promoting green technologies by various new initiatives like GRC Atal Incubation Centre, GRC Green Ecotech, GRC Green Building etc. He has pioneered the organization to its present state achieving phenomenal growth of the company through dedication, leadership, meticulous planning and far-reaching strategic approach.



Dr Ramesh Singh born on 1st January 1967 at Mau, Uttar Pradesh. Graduation to Doctorate from Narendra Deva University of Agriculture & Technology, Faizabad. B. Sc. Ag. in 1988; M. Sc.(Ag) & Ph.D. in Genetics & Plant Breeding in 1991 & 1995 respectively. He had worked as Research Associate at IARI in Genetics Division at Delhi. After this, He was associated with the National Commission on Farmers as Research Officer. After completion of tenure of Farmers Commission, he switched over to Corporate sector and worked for Dhanuka Agritech Ltd, Sabero Organics Gujarat Limited, Coromandel International Ltd, Panshibao Wang Private Ltd. Presently, Dr Singh is working for Super Crop Safe Limited based at Delhi. He is looking after company business in North India like Uttar Pradesh, Haryana, Punjab, Himachal Pradesh including Bihar.



Dr Jai Prakash, born on 5th May 1976 at Sultanpur, Uttar Pradesh. Graduation from NDUAT, Faizabad in 1998; M. Sc.(Ag) Horticulture in 2000 from CSAUAT, Kanpur; and Ph.D. in Horticulture from Banaras Hindu University, Varanasi in 2003. He joined Agricultural Research Services in April 2003 at ICAR, NEH Region, Barapani, Meghalaya and posted its regional station Lembucherra, Tripura. He has identified and isolated a superior clone of pineapple PQM-I from “Queen” population and standardizes the agro-techniques for commercial cultivation. Developed variety Tripra Papaita which initiates flowering and fruiting at the height of 84.58 cm, fruit yield 63.25 kg/plant with average fruit weight 2.05 kg. Identified five superior gynodioecious papaya lines P-7-9, P-7-2, P-9-5, P-9-12 and P-7-15 with moderately tolerant to PRSV at field condition. He was also associated with the development of three grape varieties Pusa Aditi, Pusa Swarnika and Pusa Trishar of the grape released from IARI, New Delhi during 2013. Identified and high yielding varieties in vegetables (2 bacterial wilt resistant brinjal and one variety each in Elephant Foot Yam and Greater yam). He has contributed significantly in mango genome assembly based on hybrid Amrapali and its parents. Dr Prakash has published more than 48 research papers in National and International journals and author for 7 technical bulletin and 17 book chapter on various topics of Horticulture-Fruit Science. He has also guided 4 M.Sc. students. He is the Fellow of the Horticultural Society of India and International Society of Noni Science.



Dr. Uday Pratap Shahi born on 2nd July 1975 at Gorakhpur, Uttar Pradesh. After Graduating from Udai Pratap College (Autonomous Institute), Varanasi in 1995 he pursued his M. Sc. Ag. & Ph.D. in Soil Science from G.B. Pant University of Agriculture & Technology, Pantnagar and completed in 1997 and 2002, respectively. After serving SKUAS&T-Kashmir as Assistant Professor Soils for a short period he joined Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut in August 2005 and continuing as Assoc Professor. Dr Shahi had contributed significantly in Teaching, Research and Extension. To make teaching more effective through ICT he got an opportunity to visit Cornell University USA for e-learning training. The research aptitude of Dr Shahi had handled different projects including two internationally funded projects in the capacity of PI and associated in 10 research projects in the capacity of Co-PI. He had published more than 60 research papers in different journals. He had also presented his research work in the forum of Clean Up conference 2017 from 10-14 September at Melbourne, Australia. He is actively engaged in the welfare of the farming community by disseminating weather based agro-advisory under GKMS project and published 55 popular articles in different magazines. He has successfully guided 3 Ph D and 6 M Sc Ag students. Different societies have acknowledged the contribution of Dr Shahi in the field of teaching research and extension and conferred him with various awards, such as B. Lal Vishisht Shikshak Puraskar-2016 from Uttar Pradesh Academy of Agricultural Sciences in the gracious presence of Shri Ram Naik Hon'ble Governor Uttar Pradesh, Young scientist associate award during 2010, Excellence in Teaching Award 2015, Distinguished Scientist award 2016 and Outstanding Achievements award 2017.



Dr. Shalesh Kumar Singh born on 1st January 1975 at Village Bharauli District Azamgarh, Uttar Pradesh. He did High School & Intermediate from Azamgarh, B.Sc. (Ag.) from Udai Pratap College, Varanasi in year 1991. He completed his M.Sc. (Ag) & Ph.D. in Seed Science & Technology from Govind Ballabh Pant University of Agriculture & Technology, Pantnagar in Year 1999 & 2003, respectively. Presently Dr Singh is working as Deputy Director (Seed) at National Horticultural Research & Development Foundation (NHRDF), New Delhi from 28th February 2006.



Dr. Alok Kumar Singh was born on 15th July 1974 at Churia, a small village of district Deoria of Uttar Pradesh. Dr. Singh did his BSc.(Ag) & M Sc. (Hort.) from Udai Pratap Autonomous College, Varanasi. He received his Ph.D. degree in Horticulture from VBS Purvanchal University, Jaunpur, Uttar Pradesh. He was a meritorious student during his academic career and received UP Government 'Ekkrit Chhatrivriti' from class 8th to 12th, Fellowship from Uttar Pradesh Mandi Sammittee and Gold Medal in PG program. He joined National Horticultural Research & Development Foundation (NHRDF) in 2007 as Assistant Director at Kurnool (Andhra Pradesh) and developed a system of contract farming and quality seed production to enrich the farming community of Royal Seema & Telangana by giving remunerative prices of their produce. He is focussing his work on providing solutions for the problem facing in marketing and post-harvest management. Dr. Singh has served in the different state of the country like Haryana, Tamil Nadu, Karnataka and popularized the system of contract farming and quality seed production different vegetable crops and hybrid seed production of tomato & Chilli in these states. Dr. Singh is a Life Member of different National/International societies and has published about ten research papers in reputed international & national journals and conferences apart from popular articles (06), book chapters (05), training manuals (03), TV/radio talks (05), etc. He has also organized 05 numbers of National & State Level Seminar as organizing secretary.



Sri Sanjay Kumar Singh was born on 20.10.1968 in Noori village of Chandauli district. He did his M. Sc Ag from Allahabad Agricultural Institute, Allahabad in Year 1991. He is actively involved in social activities for upliftment of people. In this direction he founded an educational institution. He is chairman of Aaprup Shikshan Sansthan, Ahirauli, Varanasi.



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1. Jawaharlal Nehru University, New Delhi
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Core Members

Number	Name of Member	Father's Name	Mobile No.	Email
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LM101	Dr. Sunita Singh 16 D Scientist Apartment, IARI Pusa Campus, New Delhi-110012			
LM102	Sri Neeraj Singh Research Scholar, Department of Vegetable Science, GBPUA&T, Pantnagar-263145, Uttarakhand	Sri Avadhesh Bahadur Singh	9410342690	neerajsingh9838@gmail.com

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LM 119	Er Vikas Singh* Engineer, Lumax Industries Gurgram, Haryana	Sri Vijay Shankar Singh	7418423262	rajpoot.vikas8@gmail.com
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LM 121	Dr. Pankaj Singh Deputy Project Director (ATMA), Agriculture Department, Azamgarh	Sri Veer Bahadur Singh	9450823458	pankaj14feb@gmail.com
LM 122	Dr. Ramendra Singh Head Agronomy, Nagarjuna Fertilizer & Chemical Limited, Lakshmi Tower, 2nd Floor, Nagarjuna Hills, Hyderabad	Dr Ram Vilas Singh	8146657436	ramendra.k.singh@gmail.com
LM 123	Dr. Indra Prakash Singh Project Coordinator (AICRP on Pigeonpea), ICAR-Indian Institute of Pulses Research, Kanpur-208024, U.P.	Late Sri Mahaveer Singh	9935168113	ipsingh1963@yahoo.com
LM 124	Dr. Guru Prasad Singh Professor, Department of Animal Husbandry and Dairying & PC, Krishi Vigyan Kendra, Barkachchha, Institute of Agricultural Sciences, BHU, Varanasi-221005, U.P.	Late Sri Sita Ram Singh	9415290079	guruprasad.bhu@gmail.com

Number	Name of Member	Father's Name	Mobile No.	Email
LM 125	Dr Sheo Naik Singh Principal Scientist and Head, KVK, ICAR-Indian Institute of Sugarcane Research, Lucknow, U.P.	Late Shri Gaya Prasad Singh	9415152102	snsingh117@gmail.com, snsinghiisr@yahoo.co.in
LM 126	Sri Sanjay Kumar Singh Assistant Director (Horticulture), NHRDF Delhi	Sri Lallan Singh	9990096401	ssanju_68@rediffmail.com
LM 127	Dr. Vinod Kumar Singh Sr. SMS (Agricultural Engineering), NDUAT-KVK, Varanasi	Late Sri Kailash Nath Singh	9415367608	vinodsingh01111@gmail.com
LM 128	Dr. Prabhakar Singh Project Coordinator Linseed, ICAR-IIPR, Kanpur-208024, U.P.	Er Brahma Deo Singh	9415172323 7376105452	pk_singh65@yahoo.com
LM 129	Er. Ashish Kumar Singh Program Manager, Mercedes-Benz Research and Development India (MBRDI), Bangalore	Dr. Jaswant Singh	7032225298	ashish.t2@gmail.com
LM 130	Dr. Ajay Kumar Singh Senior Scientist (Agronomy), ICAR- National Research Center on Integrated Farming, Piprakothi, Motihari-845429, Bihar	Sri Indra Bahadur Singh	8002225340	aksinghiinrg@gmail.com
LM 131	Smt Sushma Singh Assistant Teacher, Upper Primary School, Mohanlal Ganj, Lucknow	Sri Prabhu Nath Singh	7011055351 8004454191	
LM 132	Sri Thakur Chandan Singh Director, Professional Catering Service Pvt Ltd, Delhi	Sri Kailash Prasad Singh	9810147093	tcksingh@yahoo.com
LM 133	Dr. Rajeev Pratap Singh Assistant Professor (Stage II) Institute of Environment and Sustainable Development, BHU, Varanasi-221005, U.P.	Dr Sabha Jeet Singh	9935912997	rajeevprataps@gmail.com
LM 134	Dr. Dig Vijay Singh Asso. Professor, Entomology/ Fisheries, SBPUAT, Meerut	Sri Hari Har Pratap Bahadur Singh	9411264592	dvsingh20111@gmail.com
LM 135	Dr. Rajeev Singh Professor, Veterinary Microbiology, SVPUAT, Meerut	Sri Bharat Narayan Singh	9411078311	rajeev201126@yahoo.in
LM 136	Dr. Sudheer Pratap Singh Professor, School of Language, JNU New Delhi 110067	Sri Indra Bakash Singh	9891293088	sudheerpsingh@gmail.com
LM 137	Sri Anurag Singh PG Teacher (Political Science), The Pinnacle School, D Block, Panchsheel Enclave, New Delhi-110049	Sri Ram Manohar Singh	9990515828	anuragfssbhu@gmail.com

Number	Name of Member	Father's Name	Mobile No.	Email
LM138	Dr Rajesh Kumar Singh Associate Prof. (Vegetable Science), Banda University of Agriculture and Technology, Banda, Uttar Pradesh	Sri. Kripa Shankar Singh	9881303443	singhrknbpgr@gmail.com
LM 139	Sri Shiv Bilash Singh* Regional Sales Manager, HM Clause India PVT LTD, Delhi	Late Sri. Satya Dev Singh	9910201494	sshivbilas@rediffmail.com
LM 140	Dr Lal Bahadur Singh Professor (Agri. Extension), SVPUAT, Meerut	Dr K N Singh	9450155766 9415802892	dr.lbsingh@gmail.com
LM 141	Dr. Deepak Sisodia Associate Professor (Computer Sci.) SVPUAT, Meerut- 250110, U.P.	Sri Anil Sisodia	9997179997 7060304906	deepaksisodia02@gmail.com
LM 142	Dr. Bhav Ranjan Singh Professor (Agri Engg) & Registrar, SVPUAT, Meerut, U.P.	Late Sri Shashi Pal Singh	8755815562	brsingh2000@gmail.com
LM 143	Dr. Mahendra Pratap Singh Retd. Assoc. Prof. (Political Science), Purvanchal University, Jaunpur	Sri Rajendra Narayan Singh	9415202913 8299119032	
LM 144	Sri Dharmender Kumar Singh Farm Manager, BASF INDIA LTD, Agricultural Research Station, Lonikand, Tal: Haveli, Pune-412207, Maharashtra	Sri Ramesh Chand Singh	7798980464	dharmender.k.singh@ gmail.com
LM 145	Dr. Pradeep Kumar Singh Assistant Professor (Sr. Scale) Division of Vegetable Science Sher-e-Kashmir University of Agricultural Sciences and Technology- Kashmir Shalimar Srinagar-190025, J&K	Dr Sada Shankar Singh	9906068585	pradeepsingh584@gmail.com
LM 146	Dr Rajesh Singh* Assistant Professor (Selection Grade), Department of Agronomy, SHUATS, Allahabad, U.P.	Late Dr S. S. Singh	9918867474	rajeshe_singh@yahoo.com
LM 147	Sri Pradeep Kumar Singh* Associate Scientist, East-West Seeds India Pvt Ltd, Aurangabad, Maharashtra	Sri Devesh Kumar Singh	9502280215	psingh714@gmail.com
LM 148	Dr Ranjay Kumar Singh* Principal Scientist (Agril Extn), ICAR-CSSRI Karnal	Late Sri Haribansh Singh	9996643037	ranjaysingh_jbp@rediffmail. com
LM 149	Dr Raj Kishor Shahi Assistant Director (S&R), Department of Food and Public Distribution, Government of India, Krishi Bhawan, New Delhi	Shri Udai Narayan Shahi	9792076902	shahitvi@gmail.com

Number	Name of Member	Father's Name	Mobile No.	Email
LM 150	Dr Pankaj Kumar Singh Principal Scientist & Head, Division of Field Crop Improvement and Protection, ICAR-Central Island Agricultural Research Institute, Post Box No. 181, Port Blair -744101 Andaman & Nicobar Islands		9474273099	pksingh99@rediffmail.com, pksingh1975@gmail.com
LM 151	Dr. Binayak Pratap Shahi* SMS (Horticulture), KVK, Pilibhit (SVBPUAT, Meerut)	Late Sri P N Shahi	8755011086	bpshahi1975@yahoo.com
LM 152	Dr Sanjay Singh Dixit* Regional Manager, Clause India Pvt. Ltd, New Delhi		9871953330	sanjaysinghdixit@gmail.com
LM 153	Sri Badal Singh Scientist, Economic Botany and PGR ICAR- NBPGR, New Delhi	Sri Ramlal Singh	9911634202	kshatriya34@gmail.com
LM 154	Dr. Shailesh Kumar Singh Scientist (Soil Science & Agriculture Chemistry) R.V.S.K.V.V. Gwalior (M. P.) Residence: G- 15, Krishi Nagar, Near Bus Stand, Gwalior (M. P)	Shri Shriram Singh	9424602732	mr.shailesh_singh@rediffmail .com
LM 155	Miss Madhavi Singh ICAR-CIPHET, Ludhiana	Dr Kamlesh Kumar Singh	8076311740	madhvisinghe66@gmail.com
LM 156	Sri Shiv Kumar Singh Dy Director Agriculture, TN Govt, Kanchipuram	Shri Deo Sharan Singh	8610578595	sksvlr@gmail.com

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RAASA Income and Expenditure

ROYAL ASSOCIATION FOR SCIENCE-LED SOCIO CULTURAL ADVANCEMENT

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD 01ST APRIL, 2017 TO 31ST MARCH 2018

Expenditure	Sch. No.	For the period ended 31 March 2018 (in INR)	Income	Sch. No.	For the period ended 31 March 2018 (in INR)
Capital Expenditure			Received for Seminar		108,517
Advance for Websites		12,006	Royal Kisan Membership		2,600
Revenue Expenditure			Received From NHB		20,000
Seminar Expenses		134,561	Corpus Fund for Help		69,500
Other Expenses		27,700	Bank Interest		8,214
Printing and Stationary Expenses		376			
Bank Charges		175			
Bank Charges					
Excess of Income over Expenditure		34,013			
Total		208,831	Total		208,831



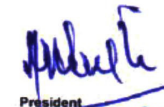
Notes to Accounts and Accounting Policies

As per our report of even date attached

For R N B P & Company
Chartered Accountants(Rakesh Kumar)
Partner

Membership no. 519145

Place: New Delhi
Date:

मंडा सचिव / Secretary General
 कोषाध्यक्ष / Treasurer
 अध्यक्ष / President

रायल विज्ञान-संवित सामाजिक-सांस्कृतिक उन्नति संस्था (राक्सिसा)
 Royal Association for Science-led Sociocultural Advancement (RAASA)
 28 / 142, पश्चिम पटेल नगर, दिल्ली- 110068

ROYAL ASSOCIATION FOR SCIENCE-LED SOCIO CULTURAL ADVANCEMENT

RECEIPTS AND PAYMENT ACCOUNT FOR THE PERIOD 01ST APRIL, 2017 TO 31ST MARCH 2018

Receipts	Sch. No.	For the period ended 31 March 2018 (in INR)	Payments	Sch. No.	For the period ended 31 March 2018 (in INR)
Opening Balance			Capital Expenditure		
Cash		29,705	Advance for Websites		12,006
Bank		347,476			
Founder Membership fund Received		5,000	Revenue Expenditure		
Life Membership Fund Received		234,500	Seminar Expenses		134,561
Received for Seminar		108,517	Other Expenses		27,700
Royal Kisan Membership		2,600	Fixed Deposit		400,000
Received From NHB		20,000	Printing and Stationary Expenses		376
Corpus Fund for Help		69,500	Bank Charges		175
Bank Interest		8,214			
			Total Payments		574,818
			Closing Balance		
			Cash		3,273
			Bank		247,421
Grand Total		825,512	Grand Total		825,512


Notes to Accounts and Accounting Policies


As per our report of even date attached


(Rakesh Kumar)
Partner

Membership no. 519145

Place: New Delhi
Date:


Kanchan Lata Singh
 Secretary General
 महा सचिव / Secretary General
 रायल विज्ञान-सेवित सामाजिक-सांस्कृतिक उन्नति संस्था (राजिसेस)
 Royal Association for Science-led Sociocultural Advancement (RASAC)
 28/142, पश्चिम पटेल नगर, दिल्ली- 110008


Rakesh Kumar
 Treasurer
 कोषाध्यक्ष / Treasurer
 रायल विज्ञान-सेवित सामाजिक-सांस्कृतिक उन्नति संस्था (राजिसेस)
 Royal Association for Science-led Sociocultural Advancement (RASAC)
 28/142, पश्चिम पटेल नगर, दिल्ली- 110008


Anshu Singh
 President
 अध्यक्ष / President
 रायल विज्ञान-सेवित सामाजिक-सांस्कृतिक उन्नति संस्था (राजिसेस)
 Royal Association for Science-led Sociocultural Advancement (RASAC)
 28/142, पश्चिम पटेल नगर, दिल्ली- 110008

ROYAL ASSOCIATION FOR SCIENCE-LED SOCIO CULTURAL ADVANCEMENT

BALANCE SHEET AS ON 31ST MARCH 2018

Liabilities	Sch. No.	Amount as on 31 March 2018 (in INR)	Assets	Sch. No.	Amount as on 31 March 2018 (in INR)
Founder Membership Fund	1	368,694	Fixed Assets Infrastructure		-
Life Membership Fund	2	282,000	Current Assets Cash Bank Fixed Deposit		3,273 247,421 400,000
Total		650,694	Total		650,694

Notes to Accounts and Accounting Policies

As per our report of even date attached

For R N B P & Company
Chartered Accountants

(Rakesh Kumar)
Partner

Membership no. 519145

Place: New Delhi
Date:

Members Contributing in Making Core Members during the reported period

Number	Name	Members added
FM 1	Er Awadhesh Kumar Singh	2
FM 3	Dr Jaswant Singh	1
FM 6	Dr Kanhaiya Singh	2
FM 8	Dr Janardan Singh	1
FM 10	Dr Ramji Singh	3
FM 12	Dr Amit Singh Shekhawat	2
FM 14	Dr Shiv Pratap Singh	8
FM 16	Dr Kumud Singh	1
FM 20	Sri Rana Piyush Singh	1
FM 40	Dr Awani Kumar Singh	16
FM 43	Dr Lalji Singh	1
FM 46	Dr Vinay Kumar Singh	1
FM 47	Dr Shalesh Kumar Singh	3
FM 48	Er Mukesh Singh	1
FM 50	Dr Gaurav Pratap Singh	1
FM 60	Dr M K Singh	1
FM 62	Dr G P Rao	1
FM 73	Dr Sanjeev Kumar Singh	1
FM 89	Dr Sanjay Prakash Singh	2
FM 113	Dr Arvind Kumar Singh	1
FM 140	Dr Poonam Parihar	1
FM 141	Dr Atul	1
FM 142	Dr U P Shahi	2
FM 146	Dr Jyotsnendra Singh	1
LM 11	Sri Ashutosh Singh	2
LM 20	Dr Alok Kumar Singh	3
LM 68	Dr Dhiraj Kumar Singh	2
LM 48	Dr Sharad Kumar	1
LM 50	Dr A K Singh	1
LM 52	Dr Pavnesh Kumar	1
LM 123	Dr I P Singh	1



RASSA : At a Glance

Royal Association for Science-led Socio-cultural Advancement (RASSA)

National Society
Registered under Society Registration Act XXI of 1860
(Regn. No: Society/West/2016/8902125)

Registered Office
28/142, West Patel Nagar, New Delhi-110008
Email: royal.association2016@gmail.com
Website: www.rassaindia.com

Preamble

Innovations of Science do not reach the needy people timely. Science-led interventions carry potential for development of people. Efforts from all responsible organizations and citizens including Government is needed to ensure that the potential of scientific innovations are realized for the benefit of the masses, to improve their income and living conditions.

A group of like-minded Scientists/ Technocrats/ Business persons and other luminaries joined together to create this platform, for helping the needy people to improve the status of society, in the name of 'Royal Association for Science-led Socio-cultural Advancement (RASSA)' to attain noble goals for overall advancement of the people in a sustainable manner, protecting natural resources and eco-systems.

Vision

To create a strong and coherent community sensitive to the social, cultural & educational needs to serve the society especially the resource poor people by adopting science-led approaches.

Mission

To engage like-minded intellectuals in serving the needy people of the society through science-led interventions.

Objectives

- 1) To create a platform of like minded people for overall sustainable advancement of the society.
- 2) To promote educational and economic well-being of community in changing social dynamics by formulating the plans and creating interest for entrepreneurial activities through skill development.
- 3) To mentor and provide economic support to bright young individuals from the unprivileged section of the society.
- 4) To provide opportunity and help to business professionals to setup and run their businesses in emerging fields.

Major Activities

- i. To promote social cohesion among the members for their social causes like religious, cultural activities, marriage, education, job, etc. for enhancing bonding and solidarity
- ii. To device strategic plan for help to needy people in education, job, entrepreneurship etc.
- iii. To explore and nourish social and cultural heritage.
- iv. To empower the farming community through knowledge acquisition and technology dissemination.
- v. To organize health camps for rural masses, creating awareness and facilitating access to rural cleanliness, sanitation and hygiene
- vi. To take action for conservation, development and management of natural resources for sustainable eco- friendly development.
- vii. To provide consultancy and advisory services to the society by the expert professionals.
- viii. To organise conferences, meet, fare, kisan gosthi, etc., to update community on science-led techniques.
- ix. To propagate vision & mission of the society through sharing of information and publishing literature.
- x. To formulate strategy for developing corpus fund to carry out the activities.
- xi. To establish and foster cooperation with other like minded societies in India and abroad working with similar objectives.

For more information and to become member please write to:

Email : royal.association2016@gmail.com

Contact Numbers: +91 9910491556/ 9451500541/ 9999755736/9999130332/ 9999530999/ 9415720507