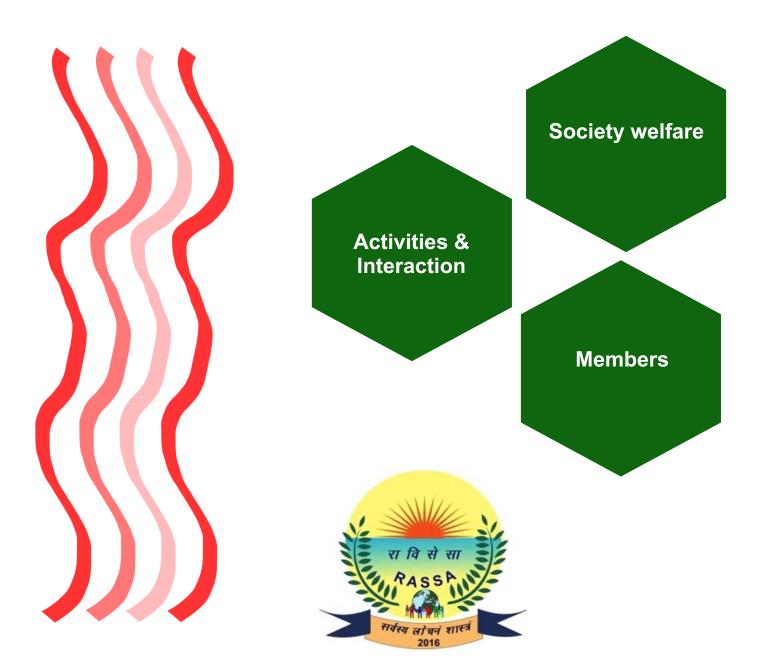
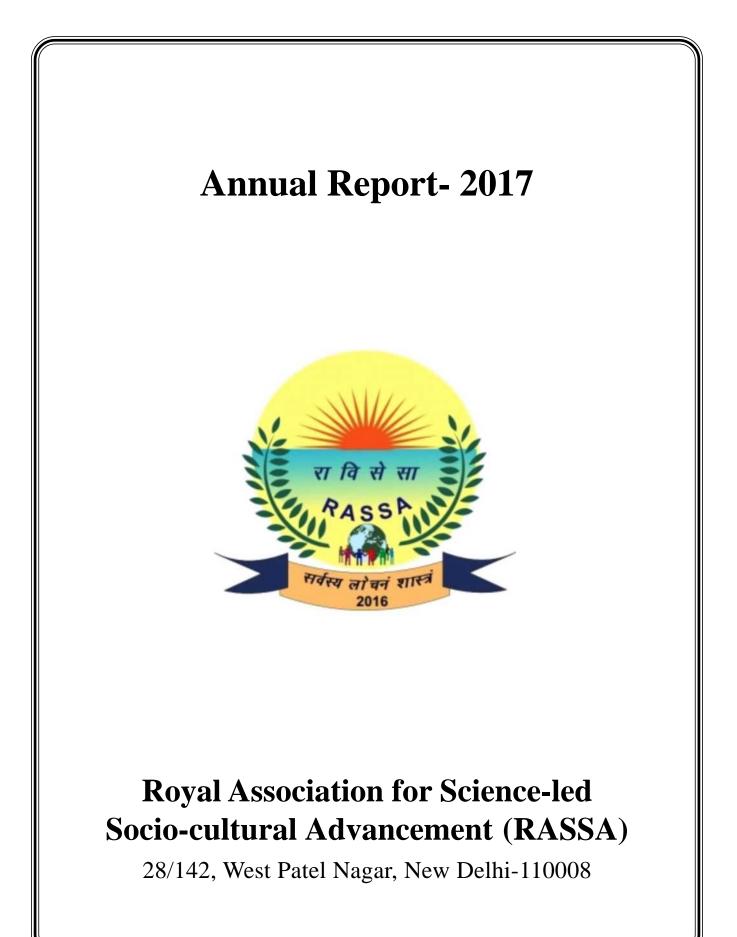
Annual Report – 2017



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PREFACE

RASSA expresses thanks to its Patron for continuous guidance and shaping it to emerge as a multidisciplinary professional body to serve the society at large based on scientific advancements. The core group members under the chairmanship of Dr N K Singh that perfected the vision, mission and objectives of the society was landmark work as creator. The efforts of Dr Suman Singh, President (RASSA), and other members in composing RASSA Geet encompassing the objectives and missions have been a great contribution. At the same time the role of Dr Nityanand Singh in making it a legal entity and Er Pradeep Kumar Singh in developing a website to give a public face has been worth appreciating.

Visibility of association is exhibited by hard work of Dr Awani Kumar Singh, Dr Kanhaiya Singh, Dr Alok Kumar Singh, Dr Kumud Singh, Dr Vinay Kumar Singh, Dr U S Gautam, Dr Jyotsenendra Singh, Dr Rana Pratap Singh, Sri Upendra Singh and whole RASSA UP unit in organising Kisan Gosthi, meetings and 1st National Convention-cum-Seminar at Lucknow which has perfected the direction for the society on professional front and preparing a platform to deliberate on ways for development of needy people. Dr G P Rao's contribution for handling publications in the society has been another great achievement that deserves appreciation.

Special thanks to the members, our sponsors who have contributed whole heartedly and whose name is not mentioned. They are the real backbone of the association with their contributions in furtherance of its objectives of the society.

Hower

(Awadhesh Kumar Singh) President

1 ∨/; {kh; mn×kj

क्या है "रासा", मुझसे पूछा था किसी ने। जो मैंने उन्हें बताया वह मैं आपको बताता हूं। मैंने बताया कि रासा वह संगठन है जो वैज्ञानिक दृष्टिकोण अपनाते हुए एक मजबूत सामाजिक सांस्कृतिक उन्नयन के लिए प्रयत्नशील है। आप सभी जानते हैं कि रासा वह संगठन है जो मानव और समाज के सतत विकास, शैक्षणिक सम्पन्नता से आर्थिक सम्पन्नता, तथा आपसी प्रेम, सद्भाव, सामाजिक समता एवं समरसता की बात करता है। यह प्रतिभा एवं विलक्षणता को उभारने की बात करता है, विविधताओं तथा प्राकृतिक संसाधनों के संरक्षण, संवर्धन और प्रबंधन की बात करता है, शिक्षा, सेवा और उद्यमशीलता की बात करता है और यह सब विज्ञान सम्मत विधियों से करने की बात करता है और साथ ही कहता है, बचाकर रखे अपने संस्कृति और संस्कार को। इसी से परिकल्पना है **PfoKku I Eer I kekft d] I kLÑfrd mlu; uÞ** की।

jkl k xhr dh i áDr; kadgrh g**s**

कल्याण सबका समर्पण है मन में, प्रेम, सहयोग, निष्ठा, अमन हो वतन में। ज्ञान, खोजों की शक्ति फलीभूत हो, गांव, शहरों में, जन—जन अभिभूत हों।

निर्बलों का सहारा और संबल बने, न छाए युवा में कभी भी निराशा।।

विश्वास, शक्ति का संचार हो, सदस्यों की उन्नति का यह राज हो।

ज्ञान, संसाधनों का ही साधन बने, संवेदना मन की संबल विरासत बने।

शिक्षा, प्रशिक्षण की कड़ियां बने, परिलक्षित करे संस्कृतियों की भाषा।।

प्रेम, समता ही आपस की कड़ियां बने, आपस में रिश्तों की लड़ियां बने।

कहीं से कहीं तक पहुंच जायेंगे, एक ही दायरे में जो जुड़ जायेंगे। सशक्तिकरण की जो लेगी ये राहें, मंजिलों की सभी को दिलाएगी आशा।

vxyh i **i**Dr; ka dgrh g**i**

लिखे लेख जिनके मिटाये गए, इतिहास में जो भुलाए गए। हमें याद भारत भरत से बना है, परत दर पतर त्याग से यह सजा है।

पीढ़ियां भूल जाएं कदाचित मगर, पाते हैं उनसे सुधरने की आशा।।

यही है "रासा" का सही परिचय।

रासा केवल एक संगठन मात्र नहीं है। यह एक समान विचार धारा में विश्वास रखने वाले वैज्ञानिकों, अभियंताओं, गणमान्य व्यक्तियों, व्यवसायियों, समाजसेवकों, किसानों तथा उन सभी लोगों की संगति है, जो विज्ञान आधारित नियमों पर चलते हुए समाज में व्यक्ति और समाज के सतत् विकास के लिए प्रयत्नशील है। हमारा मानना है कि जब प्राकृतिक संतुलन होगा और सारे प्राकृतिक संसाधन जैसे मिट्टी, पानी, जल, वायू और वातावरण में सामंजस्य होगा, विकास की गति तभी बनेगी। विकास की गति तभी तेज होगी, जब हर साधन यथोचित ऊर्जा दे। इसलिए इन्हें स्वस्थ एवं साफ रखना होगा। विकास की गति तभी तेज होगी जब इस कार्य में समाज के सभी लोग भागीदार हों। सामाजिक समता और समरसता को उपयोग की कसौटी पर तभी जांचा जा सकेगा। विकास की गति तभी तेज होगी, जब इसमें हर बच्चा-बूढ़ा, औरत-मर्द, गरीब-अमीर शामिल हो, तभी तो हर दर्द का मर्म पता होगा और दवा बनेगी। हम विभिन्न धर्म की बात नहीं करते क्योंकि धर्म तो केवल एक है, बाकी सब पंथों की सीढियां हैं, जो धर्म मार्ग पर चलने को प्रेरित करती हैं। हम कर्म मे विश्वास करते हैं। वह फल देता है। हम फल की चिंता या अपेक्षा नहीं करते। हम एक ऐसे समाज की परिकल्पना करते हैं. जिसमें सभी LoPN] LoLFk] f'kf{kr] le`)] ljf{kr vkj

अनदेखी हो जाती है और इसी से बढ़ती है लालच, असमानता, असहिष्णुता, असंतुलन, पर्यावरण क्षति, सामाजिक, राजनीतिक एवं जातिगत संघर्ष। इससे प्रकृति का दोहन बढ़ता है और आती हैं प्राकृतिक आपदाएं जिनसे संपूर्ण जीव जगत का भविष्य असुरक्षित होता है।

लुटेरे कभी किसी देश की संस्कृति की रक्षा नहीं करते और न ही समृद्धशाली बनाते हैं। वे संस्कृतियों को नष्ट करते हैं। मुगलों और अंग्रेजों ने भी यही किया हमारे देश मे। अंग्रेजों ने हमारे संसाधनों को लूटने के साथ ही हमारी शैक्षिक और आर्थिक व्यवस्था पर आघात किया तथा भारतीय कृषि, कुटीर उद्योगों, ग्रामीण अर्थव्यस्था, सांस्कृतिक विरासत व जीवन मूल्यों को निर्ममता से कुचला। हम स्वतंत्रता के बाद भी उसी शिक्षा और विकास माडल से प्रभावित रहे और विकास खोजते रहे। हम अपने पुरखों और महापुरूषों जैसे भगवान राम, कृष्ण, महात्मा बुद्ध, महावीर, शिवाजी, महाराणा प्रताप, महर्षि अरविंद, विवेकानन्द, महर्षि दयानन्द, लोकमान्य तिलक आदि के आदर्शों में आस्था न रखकर अंग्रेजों की कुटिलता में उलझकर रह गए। हमारा प्रयास है कि समान विचारधारा वाले व्यक्तियों के माध्यम से अपनी संस्कृति के साथ विकास के माडल को पुर्नजीवित किया जाय। उसी में है "वसुधैव कुटुम्बकम" का नारा। इससे बड़ी चीज तो कुछ हो नहीं सकती। आमतौर पर संगठनों के कागज में सब अच्छा ही लिखा होता है, पर जरूरत है उसे आत्मसात करने की। भूखे पेट भजन भी अच्छा नहीं लगता। 17 करोड़ लोग आज भी गरीबी में जीवन जीने को मजबूर हैं। पढ़े लिखे लोग घूम रहे, नौकरी नहीं मिलती। गांव नौजवानों से खाली हैं। वे घर छोड काम की तलाश में दरदर भटक रहे हैं। जो 2–5 प्रतिशत ऊपर हैं, उन्हें विकास वातानुकूलित कमरे में बैठे दूरदर्शन के भाषण में भले दिखता हो, पर यह छलावा है। मृगमरीचिका की स्थिति में कोई बहुत देर तक जिंदा नहीं रहता।

इसलिए भाइयों और बहनों अगर हमारे पास उन स्थितियों को बदलने का ज्ञान है, काम करने की इच्छा है, तो हमें कोई रोक नहीं सकता। सरकार तो कोशिश कर ही रही है। केवल एक वर्ष पहले यह संगठन नहीं था। आपके नेक इरादों ने यह सोचने पर मजबूर कर दिया कि समाज के लिये हमें कुछ करना चाहिए। क्या करें कि कुछ विकास हो, कुछ राहत हो? कुछ आमदनी बढ़े उनकी जो 30–50 रूपये

I {ke gka सक्षम व्यक्तियों से ही सक्षम समाज, सक्षम देश और सक्षम विश्व की परिकल्पना साकार हो सकती है, जिसमें लोग आपसी प्रेम, भाईचारे से एक दूसरे का सम्मान करते हुए, निरंतर प्रगति पथ पर अग्रसर रह सकते हैं।

इस सोसायटी में मेरे गुरू तुल्य लोग हैं, साथी हैं और हमसे छोटे भी है, जिनसे मैं जीवन की परिभाषाएं सीखता रहता हूं। ग्रामीण परिवार और परिवेश में पला बढ़ा, सैंतीस साल सरकारी नौकरी की। सब कुछ मिला, लेकिन मन में हमेशा एक टीस रही कि ऐसा क्यों है? क्यों है कि साधन के अभाव में प्रतिभा कुंठित रहने को अभिशप्त है? क्यों साधन कुछ लोगों के पास तक ही सीमित है? क्यों गांव के बच्चों को विकसित होने का मौका नहीं मिलता? क्यों लोगों को अपने हक के लिए लड़ना पड़ता है? कौन हैं जो हमें लड़ते देखना चाहते हैं? इसका समाधान क्या है? यही सब उधृत हुआ मेरी कृति **Þtksn{k eises** जो 2013 में प्रकाशित हुई।

बनने के क्रम मे तमाम प्रश्नों और उलझनों से होती हुई एक वर्ष की रासा आपके सन्मुख है। इसकी प्रगति का मुख्य आधार सदस्यों का अटूट विश्वास है। आशा है आगे भी सभी का सुझाव, मार्गदर्शन और आशीर्वाद मिलता रहेगा। समय की bf'kyk ij ; smHkjh tksjkl k] tyk, nh; s fny ea cudj ds vk'kkß रासा गीत का मुखड़ा बन गया। इसका उदय सभी सदस्यों के आपसी विश्वास का नतीजा है। मेरा मानना है कि राष्ट्रजीवन में सम्मानजनक स्थिति शक्ति से ही आ सकती है और इस युग में शक्ति संगठन के बिना नहीं आ सकती। अतः इस बडे लक्ष्य के लिए हमें संगठन शक्ति को मजबूत करना ही होगा। जिस तरह मिट्टी के बिखरे कण आपस में मिल कर ईंट की तरह शक्तिशाली हो जाते हैं, ठीक उसी तरह हमे शक्ति सृजन के लिए संगठित होना ही पड़ेगा। हमारी संस्कृति और संस्कार हमें एक धागे में पिरोते हैं तथा हमारे संगठित होने का कारक भी बनते हैं। हमें इसका भान और मान दोनों होना चाहिए। जब तक ऐसा होगा, मुझे विश्वास है कि हम सामूहिकता भी पायेंगे और अपना लक्ष्य भी।

हमें अपने अतीत पर गर्व होना चाहिए। हमारे पूर्वजों ने अपने शौर्य से प्रेरणादायक इतिहास दिया है। आज जब हम पश्चिमी विकास की अवधारणा पर आर्थिक, शैक्षिक, सामाजिक और राजनैतिक व्यवस्थाओं की बात करते हैं, तो अनचाहे ही हमारी जीवन दृष्टि से हमारी संस्कृति की में पूरे परिवार को पालने को मजबूर हैं? आप सक्षम है, आप की जिम्मेदारी बनती है कि नेतृत्व दें। यह एक युद्ध है अंधेरे के खिलाफ, भुखमरी के खिलाफ, बेरोजगारी के खिलाफ, गंदगी के खिलाफ, बुराई के खिलाफ। आप की अंतरात्मा आपको इस जिम्मेदारी से दूर भागने नहीं देगी। आप अपनी इस जिम्मेदारी से भागेंगे तो भगोड़े कहे जायेंगे।

134 करोड़ देशवासियों में से सिफ 5 प्रतिशत लोग अपने गांव को विकास के लिए गोद ले लें, तो हर गांव किसी न किसी गोद की संरक्षण में होगा और एक साथ ही विकास की गूंज सुनाई पड़ेगी। रासा की गतिविधियों का दायरा असीमित है। हम उन्हें शुरू करना चाहते हैं कुछ इस तरह कि कम से कम हस्तक्षेप से ज्यादा से ज्यादा परिवर्तन आए। काम बहुत है और समय कम। उद्देश्य बड़ा है। सहभागिता और विश्वास बहुत जरूरी है। साथ ही इसके लिए एक प्रण करने की और सही रणनीति बनाने की जरूरत है। मैं आप सभी का आभारी हूं कि आपने मुझे इस महान संगठन का प्रथम अध्यक्ष बनाकर इसकी दिशा तय करने की जिम्मेदारी दी। संगठन मे बहुत अनुभवी विभूतियां हैं, उनके मार्ग दर्शन की बहुत आवश्यकता है। मैं अपने साथियो की तरफ से विश्वास दिलाता हूं कि अब ये सिलसिला रूकने वाला नहीं है। हमारे सदस्यों ने इस रासा को सफल बनाने के लिए जो अथक प्रयास किया है, वह सराहनीय है। सभी लोगों ने इसमें इतना समय और ऊर्जा दिया है उससे हमें विश्वास है कि यह ऊर्जा निश्चित ही अपना रूप बदलेगी और आने वाले दिनों में विकास का कारक बनेगी।

साथियों! शंखनाद हो चुका है। अग्निकुंड सज चुका है। यह समय है, संकल्प का। आप का संकल्प रासा गीत होना चाहिए। मैं आप सभी से भविष्य में सतत सहयोग की अपेक्षा करता हूं।

> (ए.के. सिंह) *अध्यक्ष*

L Creation of RASSA (Step by step account)

2.1. Foundation stone of RASSA was laid in the very first meeting held on April 09, 2016 at New Delhi by forty-three members who participated in the meet, expressed their strong opinion for registration of a society or trust as multidisciplinary professional body to act as bridge between the scientific research and beneficiaries in society to ensure development at faster pace. 'Core Group' consisting of following members was constituted under chairmanship of Dr. Nagendra Kumar Singh to deliberate and decide the shape, vision, mission and objectives of the organization.

- Dr Ashok Kumar Singh, Delhi
- Dr Birendra Bahadur Singh, Noida
- Dr Anjani Kumar Singh, Gurgaon
- Dr Arun Kumar Singh, Delhi
- Dr Rashmi Singh, Delhi
- Dr Satish Kumar Singh, Ghaziabad
- Dr Pradeep Kumar Singh, Delhi
- Dr Sudhansu Singh, Noida
- Er. Madhvendra Singh, Ghaziabad

- Dr Sanjay Kumar Singh, Meerut
- Shri Kamlesh Kumar Singh, Delhi
- Shri Amit Singh, Delhi
- Dr Nityanand Singh, Delhi- Legal Aspect
- Dr Jay Prakash, Delhi- as Secretary
- Dr Shiv Pratap Singh, Delhi as Facilitator

2.2. The Core Group Members met on 30th April 2016 and 29th May 2016 to discuss the formation of society, its membership, bye-laws etc. It was agreed unanimously that the society should be non-official, non-political and non-sectarian. The name of the society was discussed at length and finally unanimously agreed on the "*Royal Association for Science-led Socio cultural Advancement (RASSA)*". Vision, mission and objective of the proposed society were also finalised. It was decided to open **bank account of society** in any nationalised bank at Delhi. The First National Executive for conducting affairs of RASSA was nominated.

2.3. Larger consultations on the subject: Meeting was held at Varanasi on 22.05.2016 at Udai Pratap







College which is one of the pioneers and prestigious educational centres for the students of eastern Uttar Pradesh. Forty-five members participated in the meeting favoured for a platform of like-minded intellectuals so that there are no obstacles in the furthering the goals of Association.

Members unanimously adopted the proposed vision, mission, objectives, activities and structure of proposed Society '**Royal Association for Science-led Socio**cultural Advancement'. All the members expressed their opinion that every member despite their different views on any particular issue should have a strong devotion towards the purpose of the society. We should conserve our heritage, customs and culture and be useful in serving the society. Group was in strong favour of a national level network of RASSA instead of local. Unanimously agreed to form an Activity Group for preparing the course of action as per objectives/ activities of RASSA with following members;

- 1. Dr Sant Kumar Singh, Varanasi
- 2. Dr Abha Singh, Faizabad
- 3. Dr Manoj Kumar Singh, Faizabad
- 4. Dr Raghvendra Singh, Varanasi
- 5. Dr Rudra Pratap Singh, Azamgarh Facilitator
- 6. Dr P.K. Singh, Varanasi
- 7. Dr Shirish Kumar Singh, Jaunpur
- 8. Dr Manvendra Bahadur Singh, Chandauli
- 9. Dr Satish Kumar Singh, Gorakhpur

The meeting was organised by Sri Alok Kumar Singh of UP College, Varanasi and Sri Rudra Pratap Singh was facilitator.

Another round of meeting was held on August 21, 2016 at New Delhi with an idea to update and appraise the members about progress made so far after its first meeting held on April 09, 2016 and to get opinion of the members of action plan to be taken to achieve mission and objectives of RASSA. After appraisal about progress made so far, members gave their valuable points to achieve the mission and objectives of RASSA also felicitated with a memento and conveyed best wishes to our following members:

- Dr R K Singh- ADG (Commercial Crops), ICAR
- Dr Satendra Kumar Singh Scientific Advisor to Hon'ble A&FWM, Krishi Bhawan
- Dr Sanjay Kumar Singh Head, Division of Fruits and Horticulture Technology, IARI
- Dr Vinod Kumar Singh Head, Division of Agronomy, IARI
- Er. Awadesh Kumar Singh On his retirement from NSC
- Prof. R D Singh- On his retirement from ICAR-IARI

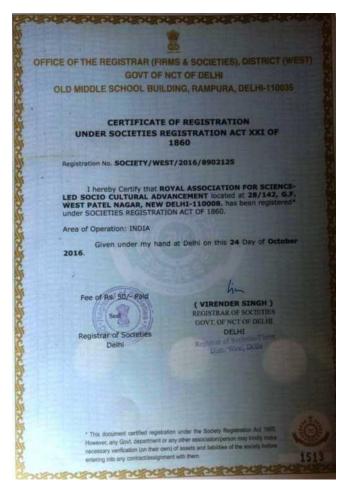
A meeting on the proposed mission was held at Bakshi Ka Talab, Lucknow on October 16, 2016 with a mix of gathering of 120 people in the age group ranging from 25 years to 80 years. This gave confidence on purpose of **creating a common platform of like-**



minded intellectuals. Many suggestions came forward for the betterment and finally, the group decided unanimously to select Nodal Officers for *Finalising the State Executive* (Vice-president, Secretary and five Joint secretary and 10 executive members) and *team leaders* for farming, education, employment, social aspects and points on policy-planning of Government. Following Nodal Officers were selected voluntarily for the abovementioned activities.

- 1. Dr Ram Poojan Singh (Cell: 9792339339, email: dr.rpsingh.nsl@gmail.com)-**Convener**
- 2. Dr Udham Singh Gautam (Cell: 8004938467, email:Usgautam_2007@yahoo.com)
- 3. Dr Kumud Singh (Cell: 9415009152, email: kumud.singh1@gmail.com)
- 4. Dr Harish Chandra Singh (Cell: 9415720464/ 9670324848 email:hcsnduat@yahoo.com)





- 5. Dr Anand Singh (Cell: 7376970259 email: anandsingh26651@gmail.com)
- 6. Dr Binayak Pratap Shahi (Cell: 9411649986, email: bpshahi1975@yahoo.com)
- 7. Dr Kaushlesh Kumar Singh (Cell: 9415937398, email: kksingh73@yahoo.com)
- 8. Dr Bhupendra Kumar Singh (Cell: 9415687594, email:bhupendra_dr@rediffmail.com)
- 9. Dr Manvendra Bahadur Singh (Cell: 9415290718, email:mbsingh1966@gmail.com)
- 10. Dr Rudra Pratap Singh (Cell: 8447363053/ 9415720507 email:rudrapsingh.doe@gmail.com)

Efforts of by Smt Kumud Singh, Sri Udham Singh Gautam and Sri Vinay Kumar Singh in organizing this meet was unparallel. **2.4. Ultimate creation :** An all India society in the name of **"Royal Association for Science-led Socio-cultural Advancement (RASSA)"** was registered on October 24, 2016.

A group of like-minded Scientists/ Technocrats/ Business persons and other luminaries joined together to create this platform attaining noble goals for overall advancement of the people in a sustainable manner, protecting natural resources and ecosystems with vision mission, and objectives given hereunder;

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 though 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 setup and run their businesses in emerging fields.
- 5. To organise conferences, meet, fare, Kisan Gosthi, etc., to update the community on science-led techniques.
- 6. To publish a multi-disciplinary journal and Sandesh for farmers.

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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

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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 रूद्र 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

अध्यक्ष	:	श्री राना प्रताप सिंह, FM 133
सचिव	:	श्री रूद्र 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 सिंह, 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

Vul 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

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मुख्य संपादक	ः श्री जनार्दन सिंह, FM 008
कार्यकारी संपादक	ः श्री रूद्र प्रताप सिंह, FM 019
	श्री शैलेश कुमार सिंह, FM 047

4 RASSA Proceedings

4.1 Executive meeting

The 1st RASSA National Executive meeting was held on September 25, 2016, at 28/142, West Patel Nagar, New Delhi from 3.00 pm to 6.00 pm. Based on discussions, unanimous decisions taken were briefly enumerated below:

- Enrolment of any new members of the association shall be through introducing member who will ensure his/ her eligibility criteria for RASSA membership.
- Following task group has been formed to smooth functioning of RASSA:

Agricultural aspects: Sri Biren Bahadur Singh, Dr Kanhaiya Singh & Dr S S Rathore

Educational aspect: Dr Ramji Singh & Dr U P Shahi

Training and Employment: Dr Baldeo Singh & Dr Rashmi Singh

Website of RASSA: Er Pradeep Kumar Singh

E-journal: Dr Govind Pratap Rao & Dr Vishal Singh Somvanshi

Social development: Dr Satish Kumar Singh, Corporate

Membership development and resource generation: Dr Awani Kumar Singh & Er Mukesh Kr Singh

The 1st meeting after its registration was held on 18.12.2016 at A 22 (4th Floor) Sector 3, NOIDA, UP. Following decisions were taken at the meeting-

- Details of Kisan Gosthi was presented by Shri Sanjeev Kumar Singh, Joint Secretary and Member of Kisan Gosthi Team. The tentative expenditure was about Rs. 25000 for 150-200 farmers. The expenditure was towards seed packets, banners, transportation, stands, chair, table and refreshment. Vegetable seed packets were sponsored for which a letter was sent to the concerned organization.
- RASSA will publish a Scientific Journal 'Science for

Society' and an extension material 'Rajarshi Sandesh' from the year 2017. The executive editors of Journal have already been finalised and RASSA National Executive appeals to all the members to contribute their best work as a charity for publication. The journal and extension magazine will also be submitted for getting RNI number for which Shri Nityanand Singh has taken responsibility. The executive editors for 'Rajarshi Sandesh' will be Shri Janardan Singh of CSKHPKV, Palampur; Shri Shailesh Kumar Singh of NHRDF, Delhi and Shri Rudra Pratap Singh of KVK Mau. The team will propose the material to be published which will be a benefit to farmers and society.

- Members suggested gettinga trademark Logo and name of society. Shri Nityanand Singhtook responsibility for getting atrademark.
- After athorough discussion on Hindi name of society, it was decided to namethe society as 'jk; y foKku&I for I kekftd&I kaÑfrd mlu; u I aFkk*.
- A saving account of RASSA has been opened and made operable by President, Secretary General and Treasurer. The operator of the account will be any two (President, Secretary General or Treasurer). Details of account is given below,

Bank: Syndicate Branch: Pusa Campus, IARI, New Delhi A/c No.: 90292010134373 IFSC Code: SYNB0009029 MICR Code: <u>110025041</u> Account Holder Name: Royal Association for Science-led Socio-Cultural Advancement (RASSA)

 Members were of view to celebrate Foundation Day of RASSA which is 24th October. During the Foundation day, the award shall also be given to the members who have helped in increasing the strength of the society.

The 2nd meeting was held on 05.07.2017 at New Delhi and adopted previous proceedings.

The 3rd meeting was held on 11.06.2017 at 28/142, West Patel Nagar, New Delhi. After confirming the previous proceedings, following decisions were taken by the National Executive:

- Awards: Following three types of RASSA awards were instituted:
- i. RAJARSHI SAMMAN (jktf"k2 | Eeku): This award shall be given to such luminary member who has immensely contributed for the welfare of people in various capacities. The award shall carry a citation and medal.
- **ii. MAHARSHI SAMMAN** (**egf"k**? **I Eeku**): This award shall be given to such luminariy members who have immensely contributed in their field and also for the welfare of people in various capacities. The numbers of such award may be 3-5. The award shall carry a citation and medal.
- iii. YASHSVI SAMMAN (; "kLoh l Eeku): This award shall be given to such luminary members who have immensely contributed in strengthening the RASSA (by adding Royal Kisan Members, Members, RASSA event organization) and in their field of specialization too. The numbers of such award may be 10-15. The award shall carry a citation and memento.
- Corpus fund will be generated for a scholarship to students and medical help to needy.
- Dr Nityanand Singh, Secretary has been assigned the job of audited report and filing of ITR by CA.
- Role and guidelines for **Royal Kisan Member** (RKM)
- The membership fee for RKM is Rs. 100.
- RKM shall not be having any voting rights for RASSA Executive election, however, they have voting rights for RKM Executive.
- Seminar cum Foundation day will be celebrated at Lucknow on 28-29 October 2017.

The 4th meeting was held on 20.08.2017 at New Delhi. After confirming the previous proceedings, following decisions were taken unanimously:

- The NE discussed various aspects on organising the 1st National Convention-cum-Seminar at Lucknow on October 28-29, 2017. The venue for National Convention cum Seminar is 'Seminar Hall, School for Environmental Sciences, Baba Saheb Bhimrao Ambedkar University (Central University), Lucknow' has been finalised by the RASSA Uttar Pradesh team. NE thanks their effort for finalizing the venue.
- NE accepted the proposal of RASSA UP for making Chandra Bhan Gupt Agriculture College, Bakshi Ka Talab, Lucknow as a partner in organising the event.
- A separate bank account has been opened for the seminar at Lucknow and details are given below,

Bank Name: Central Bank of India

Branch: Rashmi khand

A/C Name: RASSA NATIONAL CONVENTION 2017

A/C NO: 3628798186 IFSC code: CBINO284445

- All the participating members were of the view that each member may help in making five members (likeminded) so that strength can be increased.
- RASSA instituted three kinds of awards namely, RASSA RAJARSHI SAMMAN, RASSA MAHARSHI SAMMAN (3-5 NOS), AND RASSA YASHASHVI SAMMAN (10-15 NOS). The last date of nominations was 15th September 2017. Members were requested for nominations of members as per circulated guidelines and proforma for the award to Dr R P Singh at his email id <singhrp2002@gmail.com>. Nominations were also be sent to RASSA royal.association2016@ gmail.com. Award were conferred on 29.08.2017 at Lucknow.
- A committee shall be constituted with the approval of the President to select the awardees during the Foundation day celebration.

4.2 General Body Meeting

- i) 1st Annual General Body Meeting (GBM) was held at New Delhi on 07.05.2017. The proceedings of the meeting are as under:
- RASSA President Er Awadhesh Kumar Singh welcomed all the members and briefed the purpose of Annual General Body meeting.
- RASSA family felicitated Dr Anand Kumar Singh during the meeting for taking the charge as Deputy Director General (Horticulture Science), ICAR New Delhi.
- Medical help was also provided to a student of Banda through a contribution by individual members.
- A proposal was moved by one of our founder members, Sri Jai Ram Singh for the introduction of a new member with a membership fee of Rs. 100 to provide RASSA ambassadors in different villages. The proposal was unanimously agreed in one voice. It was further decided that the term and condition will be finalized by the executive.
- The matter was discussed at length and house agreed to have 'Corpus Fund Scheme' for supporting the talented needy students. Further, support can also be rendered for medical help from the scheme. Members were of opinion that RASSA members can donate voluntarily to the scheme as per their wish and will. This scheme will enable RASSA to achieve its mission.
- House accepted the proposal of RASSA UP to organise a Seminar cum Foundation Day in October 2017 at Lucknow. Final dates and venue were to be communicated by RASSA UP team later.
- A proposal for the institution of RASSA award was moved before the house to give their opinion. House felt the need of an institution of awards for the motivation of members and its visibility at large as a professional society. Executive will form a committee to propose guidelines and number of awards in each category. The expenditure on this account shall be managed by sponsors and donors.

- ii) 2nd General Body meeting was conducted at BBAU, Lucknow on 29.10.2017. The GB meeting was chaired by Er. Awadhesh Kumar Singh, President RASSA and Co-chaired by Dr Rana Pratap Singh, President RASSA UP. President welcomed the members and briefed about RASSA activities as per its set mission and vision. Dr Shiv Pratap Singh presented the report of activities undertaken by RASSA during the year. Various milestones of RASSA was highlighted which are,
- The need of society of like-minded intellectuals was suggested by Dr Baldeo Singh and Dr U S Gautam.
 RASSA appreciated their initiation.
- RASSA name, mission, vision and objectives: Efforts of Dr N K Singh, Dr Baldeo Singh and their team was appreciated.
- RASSA Geet has been composed by Dr Suman Singh of Udaipur which was further re-composed by President RASSA. We appreciate their contributions.
- RASSA appreciate all their Founder Members who have shown faith in society.
- Finally, society was registered on 24.10.2016. RASSA thank Dr Nityanand Singh for his effort.
- Agenda was kept for discussion and approval. Following decisions were taken during the GB meeting,
- GB stressed need to extend activities for benefit of people as per set mission in addition to professional and training activities.
- Efforts may be speeded-up for Matrimonial activities.
- Any farmer can be included in Royal Kisan Members.
- Scope needs to be broadened for membership of RASSA for professional activities. Modalities will be decided by the RASSA Executive.
- The seminar will be organised every year. RASSA Jammu & Kashmir has kindly accepted hosting next seminar 2018 during November.
- Foundation day celebration shall be organised separately.

4.3. Publications (Flyer, Website, Journal & Rajarshi Sandesh)

- Flyer in English and Hindi was published.
- Website <u>www.rassaindia.com</u>was created in 2017.
- First issue of a multi-disciplinary Journal 'RASSA Journal of Science for Society'has been published in 2017. It is a multi-disciplinary academic journal which covers interesting and informative manuscript from all the different spheres of sciences and humanities with special emphasis on the transitional impact of the recent and valuable researches for the societal benefits.
- First and second issue of '**Rajarshi Sandesh'** was published.
- The title for journal and magazine has been verified by RNI.

4.4 Farmers' training

RASSA sent following farmers for their exposure towards modern farm machines to increase farm productivity and entrepreneurial activities for attending the training on 'Improved Agricultural Implements and Machinery' held at ICAR-CIAE, Bhopal from January 22-25, 2017:

- Sh. Kunwar Pal Singh S/O Shri Sonpal Singh, Village Deendayalpur, PO. Budhasi, Dist Aligarh, Uttar Pradesh
- ii. Shri Anant Singh S/O Shri Kedar Nath Singh, Village & PO. Berma (Jiyanpur), DistrictAzamgarh, Uttar Pradesh

- iii. Shri Bipin Kumar Singh, S/O Shri Ram Sagar Singh, Village & PO. Bharauli, District Azamgarh, Uttar Pradesh
- iv. Shri Ajit Singh S/o Shri Mahendra Singh, Village: Samdhipur, P.O. Koilsa, District Azamgarh, Uttar Pradesh
- v. Shri Amrendra Singh S/o Shri Hari Narayan Singh, Village & PO. Bharauli, District, Azamgarh, Uttar Pradesh
- vi. Shri Ashok Singh S/O Late Shri V B Singh, Village: Khemaupur, P.O. Chandeshwar, District, Azamgarh, Uttar Pradesh
- vii. Shri Upendra Veer Singh S/O Shri Rama Kant Singh, Village: Ranipur, P.O. Jamin Katghar,District-Azamgarh, Uttar Pradesh

RASSA thanks Bhopal team (Sri Dushyant Singh, Sri C D Singh and Sri S P Singh) for their kind effort and arrangement.

4.5 Kisan Gosthi

RASSA organised one-day Kisan Gosthi at Palirazapur Village of Aligarh district, Uttar Pradesh on 26th March 2017 under sponsorship of National Horticulture Board, Ministry of Agriculture & Farmers Welfare, Govt. of India, Gurgaon. Dr Anjani Kumar (RASSA Founder member) briefed the noble cause of RASSA to help the needy farmers by bridging the gap between technologies and farmers through the science-led approach to the participating farmers. In all 188 farmers from five villages participated in the gosthi. He also briefed the aims of



organising Kisan Gosthi. Krishi Vigyan Kendra, Aligarh and Chief Medical Officer, Aligarh were the partners of the Kisan Gosthi. Medical checkup of villagers was done and medicines were also provided. Aligarh centre of Tata Chemicals also briefed about their activities in the district to the farmers. Eighteen experts of panel participated in the Kisan Gosthi including a team of medical doctors. The Kisan Gosthi was planned in such a manner that it could address farmers' queries on agriculture and medical aspects. This plan worked nicely to attract women farmers in the programme too.







The queries including orchards' establishment, vegetables to be grown, plant diseases, insect-pest, type of seed, storage, government schemes, etc were addressed by the Expert Panels. Keeping farmers' eagerness regarding the problems being faced in horticultural and agricultural crops, Expert Panels focussed their discussion accordingly. Farmers were having keen interest to have demonstrations on improved agricultural technologies in their fields.

Farmers of nearby villages also participated in the Gosthi. Participation of farmers was from all sections of the



Society. Vegetable seed's kit was given free of cost to the participants. RASSA also encouraged the farmers to come forward for having demonstrations of new agricultural technologies at their fields. Seventeen farmers came forward to have demonstrations of improved technologies on their fields.

4.6 Seminar

RASSA organised 1stNational Seminar-cum-Convention at Babasaheb Bhimrao Ambedkar University, Lucknow from October 28-29, 2017. The main focus of Seminar was on Doubling Farmers' Income and farm profitability by 2022'. Following sub-themes of the seminar were discussed by presenting papers/discussions with policymakers, scientists, industries and farmers:

- Designing crop management practices to improve factor productivity, enhancing farm income and profitability
- Diversification to high-value agriculture including horticulture fisheries, Animal husbandry, beekeeping, mushroom and other allied etc
- Conservation agriculture
- Technological applications for rainfed and dryland agriculture
- Organic farming
- Value addition
- Secondary agriculture for increasing farmers' income
- Climate-smart system
- Reducing cost of cultivation
- Reduction in post-harvest losses
- Role of ICT
- Agricultural extension and role of KVKs
- Role of private agencies and corporate sectors
- Policy issues

The inaugural session was chaired by Prof. Kirti Singh, Former ASRB, Chairman, ICAR, New Delhi. Er Awadhesh Kumar Singh, President RASSA, Dr Rana Pratap Singh, President RASSA Uttar Pradesh and Dr Jyotslendra Singh, Convener of Seminar also shared the Dias. The Chief Guest of the Seminar was Hon'ble Minister of Agriculture Sri Surya Pratap Shahi Ji. President RASSA UP welcomed the Chief Guest, dignitaries, participants, press-media and farmers. RASSA President briefed about vision and mission of RASSA. President RASSA in the deliberation also presented a model for the development of society on the foundations of self-respect, equality and partnership for specialization of a goal of clean, healthy, educated, fearless and competent society. While inaugurating the seminar the Chief Guest presented the brief scenario of agriculture in the state and stressed the need to popularise organic farming among farmers for quality produce. Chairman of the session highlighted the status of the prevailing agricultural system.

The keynote address was also chaired by Prof Kirti Singh, Former ASRB, Chairman, ICAR, New Delhi. Dr S K Malhotra, Commissioner Agriculture, Govt. of India and Prof Nagendra Kumar Singh, National Professor & BP Paul Chair delivered keynote addresses on Approaches in Transition for Doubling Farmers' Income and Role of advance Biotechnologies for enhancing Farm Productivity, respectively.

The lead Paper session was chaired by Prof Sita Ram Singh, Former Vice-chancellor, RAU, Pusa, Bihar and cochaired by Prof Bachchan Singh, Former Dean, College of Technology, GBPUAT, Pantnagar. Dr. Narendra Pratap Singh, Director, ICAR-NIASM, Baramati, Dr. Satyendra Kumar Singh, Joint Managing Director, Bhoomi Sudhar Nigam, Lucknow, Dr. Jaswant Singh, Former PS & Head, ICAR-IISR, Lucknow, Dr. Ramesh Singh, Head, Penshiabao Wang Pvt. Ltd., New Delhi, Dr. Rana Pratap Singh, Professor & Dean, Academic Affairs, BBAU, Lucknow, Dr. V K Singh, Head, Agronomy, ICAR-IARI, New Delhi, Dr. B N Singh, Chairman, Dr. Abha Singh, Professor & Head, NDUAT, Faizabad and Dr. R C Srivastava, Vice-chancellor, presented lead papers on Abiotic Stress Management for Maximising Crop Productivity and Farmer's Income, UP Arable Wasteland Management and Climate Resilient Agriculture Project, Mechanization, a Viable Option for Cultivation and Processing of Sugarcane for Increasing Income and Profitability, Biopesticides: A Safer Alternative for Farmers., Emerging Issues and

Glimpses of National Seminar 2017



































Annual Report - 2017

Challenges of Rural Development and Plant Agriculture in Era of Climate Change, Farming Systems Approach for Doubling Farm Income of Small Holders, Doubling Farmer's Income in Submergence and Drought Prone Areas, Improving the Life of Women in Rural Sector for Doubling Their Income, and Doubling the farmers income and actionable approach, respectively.

An interaction session of farmers with scientists and industry people was also organised. The session was chaired by Dr U S Gautam, Director, ICAR-ATARI, Kanpur. Farmers were educated to enhance their farm's productivity and profitability.

Technical session was chaired by Dr Narendra Pratap Singh, Director, ICAR-NIASM, Baramati and co-chaired by Dr Brajesh Singh, Head, Division of Crop Physiology, Biochemistry and Post-Harvest Technology, CPRI, Shimla. Dr Rudra Pratap Singh, SMS (Plant Protection), NDUAT-KVK, Azamgarh served as rapporteur of the sessions. Crop management practices, high-value agriculture, conservation agriculture and reduction in post-harvest losses were the themes of respective technical sessions. Scientists of diversified fields from different institutions/universities including CSK HPKV, Palampur (HP), G B P U A&T, Pantnagar (UK), IARI, New Delhi, IISR and IIPR, Kanpur, College of Dairy Technology, Warud (Pusad), Nagpur (Maharashtra),

AWARD FOR BEST ORAL PRESENTATION

ISAP, Bangalore (Karnataka), KVKs (Azamgarh, Sitapur, Burhanpur and Raebareli)etc orally presented their research papers. More than fourteen research papers were presented by different delegates. Some of the speakers were conferred with the Best Oral Presentation Award. These technical sessions were coordinated by Dr Janardan Singh, Professor (Agronomy), CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur (HP).

The plenary session was chaired by Prof Nagendra Kumar Singh. Awards have been given to followings in poster and oral sessions.

Final Recommendation of Seminar

- 1. Need to develop a framework where all related agencies come together to work in harmony for availability of quality agri-inputs including seeds, fertilizers, pesticides etc timely at an affordable at cost at the nearest distance to farmer's place.
- 2. Need to promote diversification of the present crop centric agriculture to include horticulture, dairy, poultry, fisheries, animal husbandry, affordable farm mechanization through custom hiring, value addition by post-harvest processing near farm clusters, storage facilities and good market linkages for enhancing farm income.

S.No.	Name of Awardee	Code of Abstract
1.	Anita Singh and J.K. Sharma	T1:CMP-7
2.	R.K. Mishra, Monika Mishra, Naimudeen and Krishna Kumar	T1:CMP-16
3.	S.P. Singh, Mukesh Kumar Singh, M.K. Singh and Utpal Ekka	T9:RCC-4
4.	Ayushi Jain	T2:HVA-10
5.	K. Singh, Jai Prakash, A.K. Goswami and S.K. Singh	T7:SA-3

AWARD FOR BEST POSTER PRESENTATION

S.No.	Name of Awardees	Code of Abstract
1.	B N Shukla, K. Singh, S. Khan, L. Prasad, Jal Pal and A. Maurya	T8:CSS-9.
2.	Swati Sachdev and Rana Pratap Singh	T-1: CMP-2
3.	R.K. Singh, A.K. Singh, V.P. Singh, A.K. Srivastava and S.P. Upadhya	T14:ICT-2
4.	Anil Kumar Singh, Subhash Chandra Singh and B.L. Sharma	T1: CMP-51
5.	Chanchila Kumari, V.K. Singh and Manish Kumar	T4:RDA-1

- 3. Need to develop agriculture as Business Models with handholding programme utilizing agricultural produce near farm cluster, process for value addition and establish strong supply chain for better realization of value.
- 4. Scaling up of research in the area of DNA finger printing, development of climate resilient varieties and quality planting material through tissue culture, genomic selection for development of new improved breeds of cattle, poultry and fish. An economical eco-friendly power options may also be worked for small farm mechanization.
- 5. Robust extension policy for ensuring convergence in pluralistic system to design stakeholder coordination mechanism and framework.
- 6. Need to promote ecological agriculture by avoiding excessive use of chemicals and non-biodegradable xenobiotic compounds from the source to sinks and their contamination in water, air, food and other living and non-living ecosystem components.

- 7. Need to build the confidence of farmers by involving extension machinery and intellectuals from local area that agriculture can be a fruitful business through suitable Government schemes.
- 8. Agriculture education needs to be strengthened at school level nationally to produce competent human resource for research, communication and entrepreneurship in agriculture. At present school level education in agriculture is available in Uttar Pradesh Board.
- 9. Need to educate the farmers about 'Pradhan Mantri Phasal Bima Yojna' for its utilization to reduce the risk of crop failure.

4.7. Foundation day

RASSA celebrated 1st Foundation day at BBAU, Lucknow on 29.10.2017. Sri Jai Pratap Singh, Hon'ble Minister of Excise department, Liquor prohibition, of Uttar Pradesh Government was the Chief Guest of the day. The session was presided by Er. Awadhesh Kumar Singh,

S.No.	Name of Awardee	Award
1.	Dr Kirti Singh, Former ASRB Chairman	Rajarshi
2.	Dr Nagendra Kumar Singh, National Professor & BP Paul Chair	Maharshi
3.	Dr Ramendra Singh, Soil Scientist	Maharshi
4.	Dr Shailendra Singh, Director, IIM Ranchi	Maharshi
5.	Dr Tej Bahadur Singh, Former Director of Research, NDUAT	Maharshi
6.	Dr Sita Ram Singh, Former Vice-chancellor RAU, Pusa	Maharshi
7.	Dr Janardan Singh, Professor Agronomy, CSKHPKV, Palampur	Yashasvi
8.	Dr Pankaj, Principal Scientist, Nematalogy, IARI	Yashasvi
9.	Dr Rashmi Singh, Principal Scientist, Extension Education, IARI	Yashasvi
10.	Dr B S Deora, Professor & Head, SDKUAT, Krushinagar	Yashasvi
11.	Dr Brijesh Singh, Professor, Animal Science, GBPUAT, Pantnagar	Yashasvi
12.	Dr Sanjay Prakash Singh, Assistant Professor, Extension Education, SKUAST-J	Yashasvi
13.	Dr Alok Singh, Associate professor & Head, UP College, Varanasi	Yashasvi
14.	Dr Awani Kumar Singh, Principal Scientist, CPCT, IARI	Yashasvi
15.	Dr Ajeet Singh, Program Coordinator, KVK Burhanpur	Yashasvi
16.	Sri Rana Piyush Singh, Farm Manager, KVK, Azamgarh	Yashasvi

NAME OF AWARDEE

Glimpses of National Seminar 2017



President RASSA. Dr Rana Pratap Singh State President, Dr Jytosnendra Singh Convener of Seminar and Dr Shiv Pratap Singh shared the dais. After lighting the lampby Chief Guest and members of the dais, a tribute was paid to Dr Bhimrao Ambadekar. The program was anchored by Dr Rajesh Kumar Singh. State President welcomed the Chief Guest and members. He briefly described the RASSA and purpose of the meeting. A book titled 'Jo Dekha Maine' written by our RASSA President was released by the Chief Guest. Chief Guest honoured the recipients of various award instituted by RASSA. In his presidential address, the President (RASSA) put his thought on RASSA as to what is RASSA, its aim and activities. This has found place in this publication as V/; {kh; mn \times kj'. The Chief Guest appreciated the efforts of intellectuals to create such platform for helping people through science. Convener of National Seminar presented vote of thanks to Chief Guest, all participants and teams for working day and night for the success of the program.

RASSA honoured Miss Diksha Singh on her selection in Indian Engineering Service just after her graduation in Electrical and Electronics Engineering from Krishna Institute of Engineering and Technology. She was born in village Barwaripur, district Sultanpur of UP and studied in rural areas. RASSA also honoured Miss Nirupma Singh for her outstanding achievement in graduation (B. Sc Ag) studies at Narendra Dev University of Agriculture & Technology, Kumarganj in this year. She is also the recipient of Chancellor Medal. She was born in village Pallia district Mau of UP. She was also having an outstanding record at school and +2 level. Presently she is pursuingMaster's programme in Genetics and Breeding from the same university. RASSA wishes for their bright future.

5 RASSA Awardees-2017

5.1. Rajarshi Samman

Dr Kirti Singh

Dr Singh was born in Jaunpur, Uttar Pradesh on 26 May 1934. He educated at

Central Hindu School, Varanasi 1948-50; Govt. Agri. College, Kanpur 1951-55; University of Florida, USA 1958-62; B.Sc. 1955; M.S. 1960; Ph.D. 1962.Chairman.



World Noni Research Foundation, 2006 to date.

He started his career from Scientists Pool Officer in Year 1962-63 and rose to Vice-Chancellors (at Narendra Deva Univ. of Agri & Tech, Faizabad 1984-89; Himachal Pradesh Agri. Univ. Palampur 1989-93 and Indira Gandhi Agri. Univ, Raipur 1993-95). He was Member, 1995-98 and Chairman, 1998-99, Agri. Sci. Recruitment Board, Pusa New Delhi; Advisor, Govt. of Nepal for Establishment of Agri. Univ, 1995; FAO Consultant in Cambodia 1999. His research areas are Vegetable science and Noni science.

5.2. Maharshi Samman

5.2.1. Prof Nagendra Kumar Singh

Dr Singh was born in Rajapur, Mau, U.P. on 15 October 1958. He educated at

Primary Pathshala, Tilasawan, 1964-68; Junior High School, Jahanaganj 1969-71; Wesley Higher Secondary School, Azamgarh, 1971-75; Banaras Hindu



University, Varanasi, 1975-80; University of Adelaide, Australia 1981-85; B.Sc. 1978, M.Sc. 1980, Ph.D. 1985. Post-doctoral fellow, CSIRO Division of Plant Industry and University of Adelaide, Australia 1986-91. He started has career from Scientist C, Central Food Technological Research Institute, Mysore, 1991-94 to National Professor B.P. Pal Chair in Genetics and Plant Breeding, National Research Centre on Plant Biotechnology, Indian Agricultural Research Institute, New Delhi, 2010 to date. His research areas are Plant Genomics, Genetic Engineering and Molecular Breeding in rice, wheat, pigeonpea and chickpea Rhizobium.

5.2.2. Prof Sita Ram Singh

Dr Singh was born in village Lahasani, District Ballia,

Uttar Pradesh on July 1, 1942. After getting his education up to intermediate in the rural areas, he graduated in a g r i c u l t u r a l engineering from the



University of Allahabad in 1962. Thereafter he earned his M. Tech. Agri. Engineering (Soil & Water Conservation Engineering) and Ph. D. from I. I. T. Kharagpur and P. A. U. Ludhiana, in 1965 and 1974, respectively.

His research is on different aspects of land and water management including (i) the finite element modeling of runoff and soil erosion from agricultural lands,(ii) analytical, finite difference and finite element modeling of water, heat and solute transport in unsaturated and saturated geological formations, and (iii) development of models for estimating water retention characteristic, and saturated and unsaturated hydraulic conductivities from the particle size distribution and bulk density data of granular materials.

5.2.3. Dr Ramendra Singh

Dr Singh, a Soil Scientist, has four decades experience in Natural Resource Management (NRM). Dr Singh possesses a singular academic record and career of leadership in research, technology development, education and policy planning towards sustainable food security and poverty alleviation and in each pursuit in national, continental, global capacities. Dr Singh has made valuable contributions to the



science-led transformation of agriculture towards comprehensive livelihood security in India and many developing countries especially through his efforts in World Bank Project in Brazil and through NORAGRIC-Norwegian Agriculture University in Zambia. Dr Singh has immensely contributed to conceptualization and development of value-added fertilisers including customised fertilisers while consulting Cargill International, Tata Chemicals and Coromandel International.

5.2.4. Prof Tej Bahadur Singh

Dr Singh was born in a rural family of Amethi, Sultanpur district, Uttar Pradesh on May 20, 1945. After completing his early education

from Sultanpur, he joined GBPUAT, Pantnagar for B.Sc. (Hons) Ag & AH, M. Sc. (Ag) and Ph. D (Plant Breeding) degree.



He served Pantnagar University in various teaching/ research positions as Assistant Professor, Associate Professor, Associate Director (CRC), Professor, and Head Department of Genetics and Plant Breeding from the year 1971 to the Year 2005. Later he served as Director of Research at NDUAT, Kumarganj, UP to the Year 2007. He also worked in seed industry as National Co-ordinator in Krishidhan Seeds (2007-08) and Advisor (R&D) with J K Agri Genetics (2008-10).

5.2.5. Prof Shailendra Singh

Dr Singh native of Azamgarh District was born in Sultanpur district of Uttar Pradesh on 11 theApril 1959. He completed his High school & Intermediate level education in Sultanpur District and then graduated in the year 1979 from University of Allahabad. His Post Graduation is also from University of Allahabad in theyear 1981 and Ph.D in 1987 from IIT, Kanpur.



He joined as an Associate Professor in 1998 in Human Resource Management division at IIM Lucknow. Presently he is Director, IIM, Ranchi at Ranchi.During this period, he worked on Emotional Intelligence, High-Performance Organizations and Organizational Citizenship Behaviour. Dr Singh has published more than 70 research papers.

5.3. Yashasvi Samman

5.3.1. Dr Janardan Singh

He obtained his B.Sc. (Agric.) and M.Sc. (Agronomy) from N D University of Agriculture and Technology,

Kumarganj, Faizabad and Ph.D (Agronomy) from CSK HPKV, Palampur.

Dr Singh is working as Professor in the Department of



Agronomy, Forages and Grassland Management, College of Agriculture, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur, Himachal Pradesh. Prior to this, Dr. Singh served as Principal Scientist, Highland Agriculture Research and Extension Centre, Kukumseri, Lahaul & Spiti, Himachal Pradesh (2010-2014), Senior Scientist & Principal Scientist, Directorate of Extension Education, CSK HPKV, Palampur (1998-2006 & 2008-2010), Scientist, Potash Research Institute of India (PRII), Gurgaon, Haryana (1992-1995), Assistant Agronomist, Krishi Vigyan Kendra, Kamand, Mandi(1995-1998) and Oilseed Research Sub-station, Kangra, HP (1992). He also served as Associate Professor (Agronomy) at Hamelmalo Agriculture College, Keren, North East Africa from 2006 to 2008.

5.3.2. Dr Awani Kumar Singh

He was born in Azamgarh, UP on 15 March 1972. He did his B.Sc. Ag. from T.D., Collage, Jaunpur,

(Purwanchal Univ. Jaunpur) and M.Sc. Ag., Ph.D.in Horticulture-Vegetable Science, and B.Ed. in Science from RBS, Collage, Agra (Agra Univ.



Agra) Uttar Pradesh. Dr Singh is presently working as Principal Scientist, Horticulture-Vegetable Science at ICAR-IARI, New Delhi. He has served as SMS (Hort. Sci.) in KVK, Lohaghat, Champawat under Pantnagar Ag. University, Uttarakhand. His major research contributions have been in the area of Protected Cultivation cum Hi-tech-Horticulture.

5.3.3. Dr Bhom Singh Deora

Dr Deora, presently working as Professor & Head (SWC Engg.) at Sardarkrushinagar Dantiwada

A g r i c u l t u r a l University, S.K. Nagar, Gujarat started his professional career as the sole faculty with a pivotal role in establishment and



development of the newly started College of Agril. Engg. & Tech., Gujarat Agricultural University, Junagadh (1984). He was also the pioneer faculty for the infant Deptt. of Agril. Engg.and architect for the World Bank aided 'Integrated Watershed Development Project at GAU, S.K. Nagar (1990-95).During 1995-97, he was as the Deputy Director of Agriculture (Engg.), Actg. Dy. Director of Agril. (Soils) and Actg. Joint Director of Agri. (Engg.) at the Directorate of Agriculture (Government of Gujarat.

5.3.4.Dr Ajeet Singh

Dr Singh native of Gazipur District (U.P.) was born in Gonda District of Uttar Pradesh on 1stMarch1969. He completed his High school & Intermediate level education in Gonda District and then graduated in Agriculture (1988) & Post Graduate in



Horticulture- Vegetable Science (1991) from N.D. Univesity of Agriculture & Technology, Kumarganj Faizabad (U.P.). He did his Ph.D. in Horticulture from Rajendra Agriculture University, Pusa Samastipur (Bihar) Campus at Sabour, Bhagalpur in 1995.

He served in different private companies under various capacities period from 1996-2000. In 2001 he joined as Producer of ETV-Annadata programme for Bihar-Jharkhand State at Ramoji Film City, Hyderabad and later on became Coordinator of all the Hindi Channel i.e. M.P., U.P., C.G. & Jharkhand & served upto 2009.In 2010 joined as Programme Coordinator later on Sr. Scientist & Head in Krishi Vigyan Kendra, Burhanpur Madhya Pradesh and serving the same till date.

5.3.5. Dr Pankaj

Dr Pankaj native of Chapra District (Bihar) was born in Kolkata (West Bengal) on 06th June 1966. He completed

his High school & Intermediate level education in Delhi and then graduated in 1986 from Institute of Agricultural Sciences, BHU, Varanasi, Post Graduate in 1989 and



Ph.D in 1992 from ICAR-IARI, New Delhi.

He joined as Scientist for a period of 6 months in Plant Quarantine division, ICAR-NBPGR, New Delhi in the year 1993-94. Presently he is Principal Scientist at Division of Nematology, ICAR-IARI, New Delhi-110012. His research area is on Management of rice root-knot nematode under rice-wheat cropping system.

5.3.6. Dr Rashmi Singh

Dr. (Mrs) Singh native of village Lelhaura, District Haidergarh (U.P.) was born in Kanpur, U.P. on June 8th, 1967. She completed her High school & Intermediate level education from Kendriya Vidyalaya, New Delhi and then graduated in 1987 (year) from Delhi University, Post Graduate in 1990 (year) from Meerut University and Ph.D in 2005 (year) from Dr B R Ambedkar University, Agra (U.P.).



She joined as an ARS scientist on April 15th, 1991 and joined Division

of Agricultural Extension, IARI at New Delhi in the year 1995 briefly serving CSWCRTI, Kota, Rajasthan from 1991 to 1995. Presently she is Principal Scientist at IARI, New Delhi.

5.3.7. Dr Alok Kumar Singh

Dr Singh native of Varanasi District (U.P.) was born in Denge your District of Varanasi on 01 July 1970. He

completed his High school & Intermediate level education in Lucknow District and then graduated in 1991 (year) from V.B.S. Purvanchal



University, Jaunpur, Post Graduate in 1994 (year) from G.B.Pant University of Agriculture & Technology, Pantnagar and Ph.D in 1998 (year) from GBPUA&T, Pantnagar.

He joined as Assistant Professorin Plant Pathology division at Udai Pratap College (Autonomous), Varanasi in the year 2001. Presently he is Associate Professor & Head at Udai Pratap College, Varanasi.

5.3.8. Dr Brijesh Singh

Dr Singh was born in v i l l a g e Pachputttijagtapur (Kolanhargaon), district –Gonda, Uttar Pradesh on January



09, 1967. He completed his High School and intermediate education from GVIC Nawabganj, Gonda in the year 1981 and 1983, respectively. He did his graduation in

agriculture, Post graduation in Animal science and Ph.D. in Animal Science (Animal Breeding) from Narendra Deva University of Agriculture and Technology, Kumarganj Faizabad (UP) in the year 1986, 1989 and 1995 respectively.

After completing his Ph.D. degree he joined as Junior Research Office (Junior Poultry Geneticists) in the year 1995 in the Department of Animal Science, GBPUAT Pantnagar, and presently working as Professor, Poultry Geneticists from the Year 2010.

5.3.9. Sri Rana Piyush Kumar Singh

Sh. Singh native of Village & P.O. Heerapatti, District

Azamgarh (U.P.) was born in Azamgarh district on June 06, 1974. He completed his High school & Intermediate level education in Azamgarh district and



then graduated in 1998 (year) from Udai Pratap Autonomous College, Varanasi, Post Graduate in 2000 (year) from Banaras Hindu University, Varanasi. He joined as Farm Manager in 2005 at NDUAT, KVK, Azamgarh. Presently he is posted at NDUAT, KVK, Azamgarh.

1.3.10 Dr Sanjay Prakash Singh

Dr Singh native of Ballia District (U.P.) was born in Ballia District of U.P. on I^{st} of July 1973. He completed his

High school & Intermediate level education in Ballia District and then graduated in 1993 from V.B.S.P. University Jaunpur U.P. Post Graduate in



1995 from M.G.G.V.V Chitrakoot Satna (M.P) and Ph.D. in 2003 (year) from V.B.S.P University Jaunpur U.P.

He joined as Assistant professor (Agril. Economics) for a period till present in Division of agricultural economics & ABM division at SKUAST Jammu, Chatha (J&K) in the year 2007.

6 RASSA Sponsors

RASSA Seminar-cum-Foundation Day was organised on 28-29 October 2017 at BBA University, Lucknow. It was a mega event which could not have been possible for newly born society such as RASSA without the financial support of our sponsors. RASSA thanks all the sponsors for their generosity:

- National Horticultural Board, Ministry of Agriculture & Farmers Welfare, GOI, Gurgaon.
- Krishi Vigyan Kendra, CSUAT, Aligarh
- Chief Medical Officer, Aligarh
- National Bank for Agriculture and Rural Development
- Krishak Bharatiya Cooperative Limited, Delhi
- Indian Farmers Fertilizer Cooperative Limited, New Delhi
- PENSHIBAO WANG PRIVATE LIMITED, New Delhi
- Singh Group of Companies, USA
- Sri Nath Associates, Lucknow
- National Federation of Farmers' Procurement, Processing and Retailing Cooperatives of India Ltd, (NACOF), New Delhi
- HM Clause India Pvt. Ltd, Telangana
- Savannah Seeds Private Limited, Gurugram
- Sher Bahadur Singh, Lucknow
- Rajdeep Agri Products Pvt. Ltd., New Delhi
- Maheshwari & Sons, Lucknow
- Greaves Pumpset and Power Tiller
- Nuziveedu Seeds-Saif Enterprises, Lucknow
- Sugar Tech An international Journal of Sugar Crop and Related Industries, New Delhi
- Narmada Bio-chem Limited, Gujrat
- Grass Roots Research & Creation India (P) Ltd, Noida
- Surya Agritech Foundation, Bharauli, Azamgarh, UP
- Pukhya Healthcare, New Delhi

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RASSA Balance Sheet

Expenditure	Amount	Income	Amount
Society registration	10,000	Membership (157x2500)	3,92,500
Lucknow meet expense	6,650	NACOF Sponsorship	15,000
Website	1,000	Miscellaneous membership	2,500
Rubber stamp	750	Interest	3,741
Farmers training Bhopal	6,850		
Copy right of RASSA & Logo	4,000		
Flyer printing charge	17,010		
Letterhead printing charge	4,725	-	
Receipt book printing charge	3,500	-	
Kisan Gosthi at Palirazapur	29,560		
Sms charge for bank	15	-	
Meeting Expenses	85,341		
Excess of Income over Expenditure	2,44,340	1	
	4,13,741		413741

RASSA Income and Expenditure account for the year ended on 31st March 2017

Statement of RASSA Income and Expenditure during year 2016-17

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

Saving account No. : 90292010134373 **IFSC code**: SYNB0009029

Branch: IARI Pusa Campus, New Delhi

Income			Expenditure		
Head	Rs.	Cumulative	Head	Amount	Cumulative
Founder Membership (160-03=157 @ Rs. 2500/-)	3,92,500.00	3,92,500.00	Society registration	10000	10000
NACOF sponsorship	15,000.00	4,07,500.00	Lucknow meet expense on 16.10.16	6650	16650
Life Membership (19 @ Rs. 2500/-)	47,500.00	4,55,000.00	For website	1000	17650
Miscellaneous membership unknown	2,500.00	4,57,500.00	Rubber stamps 4 nos.	750	18400
Interest	3740.98	4,61,240.98	Farmers' training Bhopal (7 farmers: 23-25.01.2017)	6850	25250
			For copy right of RASSA & Logo	4000	29250
			Flyer printing charge	17010	46260
			Letter head printing charge	4725	50985
			Receipt book printing charge	3500	54485
			Kisan Gosthi at Palirazapur on 26.3.17	29560	84045
			SMS CHARGE FROM BANK	15	84060
Bank	C	Cash	Expenditure		Total
3,47,475.98	29,7	705.00	84,060.00		4,61,240.98

Kanchan Lotta Singh

Secretary General

Treasurer

President



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

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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 though 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:

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