

# Proceedings

One Day National Seminar  
on

## Rural Empowerment for New India: Mission 2022 (August 10, 2018)



**Venue**

**Convention Center  
Jawaharlal Nehru University, New Delhi**



Organized by

**Royal Association for Science-led Socio-cultural Advancement (RASSA)  
28/142 (GF), West Patel Nagar, New Delhi 110008**



# Glimpses of National Seminar Proceeding-2018



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of  
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**Royal Association for Science-led Socio-cultural  
Advancement, New Delhi- 110008**



**Jawaharlal Nehru University, New Delhi**



**Grass Root Research & Creation Pvt Ltd, Noida**



**Assure Foundation, New Delhi**

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सामाजिक-सांस्कृतिक उन्नयन संस्था



ROYAL ASSOCIATION FOR SCIENCE-LED  
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पंजीकृत कार्यालय  
28/142, पश्चिम पटेल नगर, नई दिल्ली-110008

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## Preface

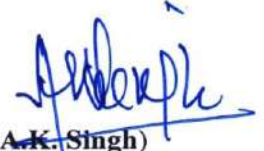
It gives me immense pleasure to forward herewith the proceedings of successfully organized one day National Seminar on "Rural Empowerment for new India (Mission-2022)" held on 10.08.2018, at Convention Centre, JNU, New Delhi, Jointly organized by Royal Association for Science-led Socio-cultural Advancement (RASSA) and Jawaharlal Nehru University sponsored by GRC NOIDA and ASSURE Foundation New Delhi.

I am thankful to the Organizing Committees of the seminar for successfully ensuring the participation of Scientists, Extension workers, Research Scholars and Farmers from several states and organizing the seminar systematically to enable fruitful deliberations on the burning issues confronting the development of agriculture and economic activities in rural areas and come out with consensus on the ways to overcome the same.

I hope that the suggestions, once incorporated in terms of policies and programs of the Government and Non-governmental organizations will go a long way in resolving the issues and usher an era of development more strategically to empower the rural masses to realize happy, healthy, prosperous peaceful living.

I request the members to help with the energy at their command in getting the recommendations implemented in the interest of progress of the people living in interior India to bring them in main stream to realize their full potential in nation building.

New Delhi  
01.09.2018

  
(A.K. Singh)  
President



## Proceedings

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 significantly improve the life and conditions of rural population as well as 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. 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 sustainable 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. Sustainable system for quality education and health management.
2. Entrepreneurship development, value addition and supply chain for income generation and job creation in 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, Udaipur 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 Farmers Commission. Prof Moni Madaswamy, Former Director General, NIC, Delhi and Padma Shri Dr Brahma Singh, Horticulturist, New Delhi were special guests during 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 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 smart technology to attract youth in agriculture. Chief Guest and dignitaries on the dais released the '**Souvenir & Lead Papers**'. A book '**छूटे हुए लोग**' 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 also given to the farmers by dignitaries.

In inaugural speech, Prof R B Singh complimented the role of scientists, planners, policy makers and farmers in attaining record agricultural production. He highlighted that 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 presented 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 progressive farmers of Himachal Pradesh stressed the need to strengthen the scientists and farmers interaction for promoting technologies in villages.

Theme session 'Self-sustaining, market-linked Agri-eco development' was chaired by Prof Ramendra Singh, Senior Advisor (R&D), Coromandel International, Hyderabad and noted 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 presented 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 Be Safe, Ghaziabad; participants, farmers, organising committee and press media. He also thanked Dr A K Singh, Dy Director General (Extension) & Director, ICAR-IARI, New Delhi and Dr N S Rathore, Dy Director General (Education), ICAR for their support. 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 over/under production cycle and improve the economic well beings of farmers. Following points emerged to build as action point towards a step in building New Rural India;

- There is immediate need of intervention to organize the farmers in the form of societies, FPO or self-help groups to muster strength of collective advantage bargains for profitable realization. Such like organizations can start the preparation of inputs and also undertake value addition works for increase in 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 coordination of other Ministries, should envisage overall development of villages including human 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.
- 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 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 points, the villages adopted by the NGOs or Government organizations may be developed as model villages, based on the above recommendations.



## Seminar in News

Welcome to JARI Interns... At the ramparts of JNU...  
<https://www.jagran.com/news/national-picture-of-country-will-be-changed-from-agriculture-prosperity-will-come>

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

NEWS



By: Dr. Sangeeta Soti  
 August 10, 2018 12:40 AM IST

#### Related Links

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

Advanced to host Kerala's First Pig



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जगरण MENU रात्रि बुने बीडिबि

राज्य खबर वीडियो राष्ट्रीय जागरण न्यूज़ कालिकास दुनिया आम मुद्दे टेक ड्रॉन मिशन क्रिकेट अति



सेमिनार में संस्था के अध्यक्ष अशोक कुमार सिंह ने सभी वैज्ञानिकों का स्वागत करते हुए कृषि उद्योगों में ग्रामीण किसान का उतका पैर किया।

How to keep your newborn safe during the monsoons  
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जागरण ब्यूरो, नई दिल्ली। कृषि क्षेत्र में लघु व सीमांत किसानों के खेतों से ही खुशहाली निकलेगी। लघु व छोटी ज़ोत 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।

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 ज़ोत 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 एक् एडवेंचर्स 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।





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