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# INDIAN RESEARCH JOURNAL OF EXTENSION EDUCATION



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# INDIAN RESEARCH JOURNAL OF EXTENSION EDUCATION

*Special Issue*

*On the occasion of*

**1<sup>st</sup> National Extension Education Congress**

*(September 12-14, 2003)*

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## FOREWORD

Now that we have entered a new millennium we find that challenges before agriculture are more complex as well as daunting yet these are not all that insurmountable considering the strength of our institutions organization and human resources. We, all know that the foremost challenge emanates from our burgeoning population that had crossed one billion marks in May, 2000. We shall have around 200 million people below the poverty line, around 80 million protein energy malnourished children and the largest number of women suffering from iron deficiency anemia. The agricultural research has now to address, the issue of production, profitability and permanency, while safeguarding the natural resource base. We shall have to be adequately prepared to face the implications of globalization, sanitary measures and post-harvest technologies to ensure safe storage and transport of farm produce, processing, value addition, agri-exports, market intelligence, etc. the government has given a recent call to double our food production in the next ten year, our Hon'ble Prime Minister Shri Atal Behari Bajpayee, recognizing the role of Science-led development, has given a new slogan "**Jai Jawan, Jai Kisan and Jai Vigyan**". Hence, all the new challenges will have to be effectively addressed in order to sustain the household food and nutrition security. We will have to address the whole issue by adopting a new approach. This will obviously demand a change in the mind set. Re-orientation of agricultural research, education and extension system will, thus, be the foremost requirement. All the above targets are not easy to be accomplished given the fact that there are indications of total factor productivity decline, increase in cost inputs, deterioration in soil health and quality of water and above all the decline in capital investment to build required infrastructure for agro-processing and marketing of quality products, we shall have to activate private sector, farmers cooperatives, SHGs, NGOs, and above all the young agricultural entrepreneurs.

In the present scenario a collective effort of scientists in all the disciplines is required one Hon'ble Prime Minister, Shri Atal Behari Bajpayee has released a vision statement that was prepared through intensive consultations among the fellows of various national science academies the vision reads as: "By 2020 India will be free of poverty hunger and malnutrition and become an environmentally safe counting. This, we believe, will be possible to achieve through accelerated social and economic development by harnessing the advances in science, and blending them with our indigenous knowledge wisdom and unique socio-cultural ethos. We believe India can banish poverty and emerge as a developed Nation by promoting growth through efficient and sustainable use of our human, natural and other resources". This is a challenge that we must accept and devise new strategies to move forward to accomplish this goal.

Very ambitiously, in view of above envisaged situation, Society of Extension Education, Agra successfully organized National Congress for the Nation's growth from September 12-14, 2003 at the Loknaik Jai Prakash Auditorium, Kandhari Campus of Dr. Bhim Rao Ambedkar university, Agra with the participation of more than 105 delegates from all over country and overseas. The seminar was concentrated on the following themes :

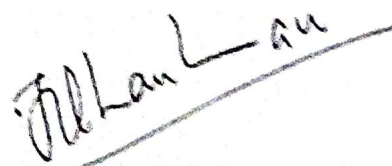


1. Participatory Approaches for Management of community Resources for Sustainable Rural Development.
2. Agriculture Marketing Extension in relation to W.T.O. & Globalization.
3. National Agricultural Extension System—Emerging Challenges in relation to Information and Communication Technologies.
4. Gender Issues in Agriculture and Rural Development.
5. Miscellaneous.

And the research papers/articles were deliberated through 5 sessions. Due to paucity of space we could sort out only 75 research papers for publication in this volume whereas the abstracts of all papers have been published in the compendium, which was distributed among the delegates during the congress. The 2nd National Extension Education Congress of the society has proposed to be organized at Maharana Pratap University of agricultural and technology, Udaipur, Rajasthan during the month of June-2004 and our preparations for the same are on sound progress.

I thankfully acknowledge the precious assistance and cooperation of Dr. G.C.Saxena, vice Chancellor of Dr.B.R.Ambedakar University, Agra which made our plans and endeavors a splendid success. I also express gratefulness for multidimensional cooperation of Dr. Ved Tripathi, Dr.A.K.Singh, Dr.Rajnish Tyagi, Dr.Kaushal Rana, Dr. Yogesh Kapoor and Dr. Abha Singh (Agra), Dr. B.S.Meena and Dr. R.P. Dwivedi (Jhansi), Dr. S.S. Rathore (Rewari), Dr. S.K. Jha, Dr.Chinnadurai, Dr.Gopal Sankhala, Dr. G.P.Meena (Karnal), Dr. R.P. Singh, Dr. O.P. Mishra and Dr. A.K. Singh (Pantnagar), etc. for enthusiastic team work throughout the tenure of seminar. I heartily acknowledge encouragement received from Dr. S.V.S.Rathore Ex-Dean, faculty of agriculture, Dr. B.R. Ambedakar University, Agra who very generously spared sufficient time in taking care of our very important and distinguished guests.

Many of my others, colleagues and friends have tendered me their hands of cooperation during planning, preparations and organizing the seminar. I express my thankfulness to all of those.



(JITENDRA CHAUHAN)  
(Gen. Sec. & Organizing Secretary)



# HIGH LIGHTS OF 1<sup>st</sup> NATIONAL EXTENSION EDUCATION CONGRESS

(Held at Dr. B. R. Ambedkar University, Agra on September 12-14, 2003)

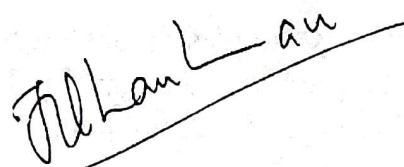
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First National Extension Education Congress on *EXTENSION EDUCATION FOR NATIONAL GROWTH* was organized from September 12-14, 2003 at Agra by the Society of Extension Education, Agra on September 12, 2003, Sri. Raj Nath Singh, Union Minister of Agriculture, Govt. of India was the Chief Guest. The inaugural function was presided over by Dr. G.C.Saxena, Vice Chancellor, Dr. B.R.A. University, Agra. Hon'ble Acharya Vishnu Kant Shashtri, Governor of Uttar Pradesh was the Chief Guest of the closing function held on 13th Sept. 2003. Dr. Panjab Singh, Former Director General, ICAR and Secretary, DARE ( Govt. of India), New Delhi and Dr. R.P. Singh, Vice Chancellor, Maharana Pratap University of Agriculture & Technology, Udaipur (Rajsthan) were kind enough to grace and bless this congress on all the three days. One hundred and five eminent scientists from fourteen states all over the country and one scientist from Nepal also participated in this congress. During three day confrence, 156 research papers relating to Extension Education, Home Science, Rural Economics and Rural Development were presented in different sessions of this congress. The main conclusions of different sessions of this three-day congress were as follows:

1. Community Resources should be used integrally for sustainable rural development. The Regional Agriculture Research and Extension Centres are established to cover at least 100-200 villages per centre in the country. To generate confidence and participation in development activities among the rural people, motivation of farmers/rural women should be ensured in areas lacking in development and research activities. To control shifting of rural people towards cities and Agro-based industries should be introduced in the rural areas to provide them employment in the rural areas with adequate facilities.
  - Technical know-how should be provided to the farmers of different land holding (large, medium, small and marginal) as per their need.
  - To solve the problems of farmers participatory rural development evaluation system be introduced.
  - The rural development plan should be prepared at village level and the same should be implemented through KVKs, State Government Agencies, Agriculture Universities, Research Institutions and NGOs with active participation of rural people.
  - To generate more employment avenues in rural areas are developed i.e. Dairy production and processing units, Fisheries, Bee keeping, Mushroom cultivation, vermin-compost, cultivation of Medicinal and Aromatic plants, etc. that may help provide employment to the rural community.

2. To avoid middlemen, common agriculture market should be established. More emphasis should be given to develop post-harvest technologies and organic farming to make agriculture more profitable.
  - Training Programmes be organized for developing marketing system for proper disposal of agriculture produce for farmers, policy makers and development officers.
  - Self Help Groups (SHGs) should be formed and NGOs are promoted to get ensured marketing system.
3. Computerized Communication System of Information is introduced at village panchayat level to provide up-to-date and scientific information to the farmers.
4. Equal wages should be paid to rural men and women considering their effective role in agricultural activities.
5. Rural Women should be educated to update their natural rights. They should be encouraged to form self-help groups for better financial status. Their active participation in the development of dairy programmes and kitchen gardening is ensured through various developmental agencies.

With Warm Thanks to all Participants



**Jitendra Chauhan**  
(Gen. Sec. & Organising Secretary)

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Left to Right : Dr. Ved Tripathi, Dr. D.P. Singh, Dr. G.C. Saxena (Vice Chancellor Dr. B.R.A.U., Agra), Shri Raj Nath Singh (Union Agril. Minister, Govt. of India), Dr. Jitendra Chauhan & Dr. Daulat Singh in Opening Ceremony

## 1st NATIONAL EXTENSION EDUCATION CONGRESS (VENUE : DR. B.R.A.U., AGRA, SEPT. 12-14, 2003)



Left to Right : Dr. D.P. Singh, Dr. R.P. Singh (Vice Chancellor, M.P.U.A.&T., Udaipur), Acharya Vishnu Kant Shastri (Governor, U.P. State), Dr. G.C. Saxena (Vice Chancellor, Dr. B.R.A.U., Agra) Dr. Panjab Singh (Former D.G., I.C.A.R. New Delhi) & Dr. Jitendra Chauhan in Closing Ceremony