



# Bioved News Letter



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## About Bioved Research Society (BRS) and its Organisations

**Patron**

**Dr. B.B. Tripathi**

**Chairman**

**Dr. S.D. Mishra**

**Director**

**Dr. B.K. Dwivedi**

**Editor**

**Mr. J. S. Dwivedi**

Bioved Research Society a Non Govt. Organisation established on 1988 and registered under Society Registration Act, 1860, and recognised by Govt. of India, Ministry of Science and Technology, Ministry of Home Affairs, Min. of Finance, U.P. Govt, Ch. Charan Singh University, Meerut, M.G.C.G.V. Satna M.P. and Integral University, Lucknow is an Internationally famous organisation for its research, training and extension activities. Its important organisations viz. Bioved Research and Communication Center (established on 1999 at Allahabad), Bioved Research Institute of Agriculture and Technology (BRIAT) (established on 2000 at Allahabad), Bioved Lac Craft (established on 2003 at Allahabad), Bioved Krishi Prodyogiki Gram Moharab at Sringerpur, Allahabad (established in 2005 as a single window centre of modern need based, location specific, eco-friendly and resourceful technologies for sustainable agriculture and rural development in own purchased land.

## **Main activities of Bioved Research Institute of Agriculture & Technology (BRIAT)**

BRIAT has well equipped air conditioned research laboratory; 10 training halls; administrative office; classrooms; lac processing and ware unit, 1 hectare fish pond; gents and ladies hostel facilities for fooding and lodging; Museum; library and its Bioved Krishi Prodyogiki Gram Moharab, Sringerpur; Single Window Center of different demonstrated technologies for sustainable agriculture and rural development in 50 Acre own purchased land situated at Allahabad-Lucknow Highway, 33 Km. away from Allahabad Headquarter. The main research and development activities of BRIAT includes Innovation of soil testing kit; Management of Nematode problems; Bullock Energy Based Pump; Innovation and Demonstration of Scientific Method of Lac Culture Technology; Establishment of Bioved Lac Processing and Ware Unit; Waste and Barren Land Development through Agro-Lac host plantation; Establishment of Hi-tech Nursery; Demonstration cum training



centre of fresh water pearl culture and mass culture of Spirulina; Mass production, commercialization and utilization of some medicinal plants and processing of value addition of end products; Stevia cultivation and its value addition; Demonstration of new germ plasm for bio-diesel production; Mushroom cultivation; Bee keeping and post harvest technology for honey processing; Demonstration of developed Bio-Control Agents under farmer's field for eco-friendly management of root knot nematodes of vegetable crops and other crops; Management of post harvest diseases of guava by bioactive compounds from natural plant resources; Establishment of Bio-Control laboratory for pest management; Bio-resources materials based value added entrepreneurship for women empowerment; Women empowerment through ornamental fish breeding and culture for commercial mass production; Establishment of modern poultry farming system; Demonstration and training programmes for integrated management of major insect pests and diseases of potato other major crops linked with income and self employment generation; Integrated Fish-Duck-Poultry-Pearl-Lac-Jatropha and other hi-tech nursery farming; Establishment of modern dairy farm for clean and quality milk production and breed up gradation; Unseen Agriculture through Bioved Agri-Tourism in Allahabad; Environmental conservation through organising mass awakening programmes and organisation of Indian Agricultural Scientists and Farmers' Congress annually since last 16 years continuously.



It is a matter of great pleasure that BRIAT is taking action in all the directions for the benefit of farmers, youth and women upliftment. The publication of Bioved Monthly Newsletter is an effort in the same direction. It is expected that it will prove an efficient and fruitful step.



**Brain Storming Session on Integration of Extension Agencies for Improving the impact of Agricultural extension  
on 8<sup>th</sup> May, 2014 at 10:30 AM at U.P.C.A.R., Lucknow at Lucknow**

It was organised by UPCAR, Lucknow to reexamine the current agricultural extension approaches to understand where information gaps exist and determine why farmers are not accessing information through the large, well established public sector extension system in addition to emerging private and third sector actors. Dr. B.K. Dwivedi, Director, BRIAT attended this meeting and interacted with eminent scientists and emphasized that need based, resourceful, eco-friendly, socially accepted and economically viable identified technologies should be demonstrated in the target areas for creating self-confidence among the farmers. In this context Dr. Dwivedi presented his views about the propagation of lac, pearl, spirulina cultivation, value addition of bio-resources and agriwaste materials and provide suitable environment for its marketing. Dr. Anis Ansari (IAS), Ex-Agricultural Production Commissioner, U.P., was the Chief Guest. Dr. S.A.H. Abidi, Ex-Member, A.S.R.B. ICAR, New Delhi, presided over the session. Dr. Rajendra Kumar, D.G., U.P.C.A.R., Lucknow, participated in this meeting as organising Chairman, Dr. M.P. Singh, Ex.V.C., CAU, Imphal, Dr. R.P. Singh, Ex. V.C., MPUAT, Udaipur, Dr. Munna Singh, V.C., CSAUA&T, Kanpur, Dr. H.S. Gaur, V.C., SVBPUA&T, Meerut, Dr.M.S. Aulakh, V.C., MSKJUA&T, Banda, Dr. A.K. Singh, ADG(Ext) ICAR, New Delhi participated in this meeting as a Guest of Honour



**Visit of Professor Dr. Peeyush Ranjan Agrawal at BRIAT, Allahabad**

Professor Peeyush Ranjan Agrawal, V.C., Beer Bahadur Singh Vishwavidyalaya, Jaunpur, visited Bioved Research Institute of Agriculture and Technology, Allahabad on 14/5/2014. He discussed about the activities of BRIAT with Dr. B.K. Dwivedi, Director, BRIAT, Dr. S.D. Mishra, Chairman, BRIAT and Dr. Mohd. Arif, Ex. Principal Scientist, DRDO. He expressed his desire to associate his organisation with BRIAT for the better functioning and mutual benefit of both the organisation. He also wished to Cooperate BRIAT in organizing training programmes for the benefit of graduate students and farmers. He visited different laboratories, lac value added products museum-cum-sale counter and Spirulina Culturing unit etc. of the BRIAT at its head quarter at Allahabad. Professor Peeyush Ranjan Agrawal was very much impressed by the need based, eco-friendly, resourceful technologies for rehabilitation of poorest farmers.



**Visit of Sri K.K. Gupta, C.G.M. NABARD, Lucknow**

Sri K.K. Gupta, C.G.M., NABARD visited BRIAT at its Head quarter at Allahabad on 17/5/2014 along with Mr. Rajiv Jaitly, A.G.M., NABARD & DDM Allahabad. He was welcomed by Dr. S.D. Mishra, Chairman, BRIAT and Dr. B.K. Dwivedi, Director, BRIAT. He discussed about the initiatives being taken Under Rural Innovation Fund project of NABARD with Dr. Dwivedi. A meeting was organised in the Seminar Hall of BRIAT where C.G.M. NABARD was invited as a Chief Guest. Dr. Dwivedi and entire staffs were present in this meeting. In his speech Mr. Gupta expressed the possibility of Rural Tourism in Allahabad and major steps to be taken by NABARD to facilitate this project. He also viewed on the way to increase the flow of rural



credit for the benefit of the rural inhabitants with senior officials of Union Bank of India, Allahabad Bank, Bank of Baroda as well as lead district managers of Allahabad and Kaushambi districts cooperative Banks. He also said that Agriculture is profitable business if done with new advanced technology. While welcoming the Chief Guest and other guests Dr. S.D. Mishra pointed out the problems related to modern agriculture and suggested the possible suggestions for adoption of need based, resourceful, eco-friendly, socially acceptable technologies at their own ends as identified by BRIAT, Allahabad for different Agro economic situation (AES) of Allahabad. Dr. B.K. Dwivedi, Director, BRIAT presented different activities of BRIAT which are being undertaken for the agriculture and Rural development and for providing self employment to poor and needy farmers through the adoption of Lac cultivation, Pearl culture, Spirulina cultivation, Medicinal plants cultivation, Dairy farming and Hi-tech nursery. He also expressed his views on the possibility of Agri-tourism and Bioved Gramin Bazar at Sringerpur. Mr. Rajiv Jaitly, DDM, NABARD, Allahabad expressed his views on Self Help Groups, Joint liability Groups and other projects of NABARD and also the ways by which any interested person will be benefitted from these running NABARD schemes.



On 18/5/2014, Mr. K.K. Gupta, CGM, NABARD visited Bioved Krishi Prodyogiki Gram, Moharab at Sringerpur established by BRIAT and viewed the working of different machines of Bioved Lac processing and ware unit Established under RIF project of NABARD. He also discussed with Dr. Dwivedi about different activities demonstrated as integrated fish-duck-poultry-dairy-lac-spirulina-pearl culture and sericulture, floriculture, ornamental, fish breeding centre, mushroom cultivation, medicinal and aromatic plant cultivation and Bioved laboratories and museum. He was very much impressed by the activities of BRIAT which are very helpful for generating self employment, additional income, natural resources conservation and good arrangement for marketing of the value added products produced by S.H.G./ J.L.G's. and other trained resource persons by establishing Gramin Sulabh Bazar at Sringerpur Bhagotipur chauraha, Allahabad.



### **Visit of IFS Trainees to BRIAT**

On the request of D.FO. Allahabad, a visit programme of Indian Forest Service (IFS) Trainees was organised at the head quarter of BRIAT, Allahabad on 22/5/2014. 20 IFS Trainees both Girls and Boys under the supervision of Mr. Khare, DFO, Allahabad came at the office of BRIAT. They were given brief lecture on the different activities of BRIAT and a detailed description of Lac and Lac value added products by Dr. S.D. Mishra, Chairman, BRIAT and Mr. Jay Shankar Dwivedi, Chief Executive officer, BRIAT. After Lecture, they saw the laboratories and all equipments of BRIAT where research works on various aspects are being carried out. They also saw the value addition being made with lac on various objects. They were highly impressed by viewing Lac value added products Viz. Garments, pen stand, plates, paper weights, idols of different Gods and many show pieces. All the trainees showed great interest in learning the things and made good discussions on the aspects of curiosity.





Mr. Ved Prakash and Nasir from BRIAT visited a crafts fair "CRAFTS OF INDIA(Indian Handi Crafts)" by rural artisans supported by NABARD, was organised at Dilli Hat, New Delhi on 26<sup>th</sup> May 2014 to 01 June 2014 between 11:00 am & 09:00 pm. The team of BRIAT participated in this programme. Many attractive items of lac value added products prepared by members of SHG's/JLG's of BRIAT were displayed for sale.

A training programme of SHG' members, Agriculturists, Field supervisor of Agriculture Department of U.P. Govt NGO of different districts of Bagpat, Bulandshahar, Shahranpur, Kashganj, Bahraich, Rampur, Chanduli, Aligarh, Devariya, Jhansi, Pilibhit, Firozabad, Lalitpur, Muzaffarnagar, Meerut, Kheeri, Rampur nagar was organised at Deen Dayal Upadhyay State Rural Development Institute, Baxi ka Talab, Lucknow by MANAGE, Hyderabad under the auspices of U.P. Govt. Lucknow on 28/5/2014 on the topic "An innovative technology for self-employment and additional income generation." Dr. B.K. Dwivedi, Director, BRIAT, Allahabad delivered on invited talk on scientific method of lac cultivation, Pearl culture & Spirulina cultivation for self employment & additional income generation. Dr. S.S. Mishra; Mr. Indra Kant Pandey & Sangam Maurya, BRIAT demonstrated value added products of lac, Pearl & Spirulina on this occasion.

A meeting was organised at Sitapur on 29/5/2014, where Dr. B.K. Dwivedi, Director, BRIAT; Dr. S.S. Mishra, Sri Indra Kant Pandey and Sangam Maurya participated in this programme. This meeting was organised by Sri Ram Chandra of NGO Bhartiya Vikas Seva Sansthan, Sitapur on topic Lac Cultivation on *Flemingia semialata* and lac value added products. Remuneration for prepared lac value added products has been paid to members of SHG's of Maheshpur village, Sitapur on this occasion.



# hindustantimes

Springverpur to be developed as a hub for rural tourism

**PLAN HIGHLIGHTS**  
 A NABARD plan to finance a project for promoting rural tourism in Springverpur, Uttar Pradesh, is being prepared. The plan will focus on developing the area as a hub for rural tourism. Key highlights include:  
 - Development of a lake and a park.  
 - Construction of a museum and a gallery.  
 - Setting up of a handicrafts market.  
 - Organizing cultural events and festivals.  
 - Providing training and skill development for local artisans.

# NORTHERN INDIA PATRIKA

NABARD CGM explores possibility of rural tourism

ALLAHABAD NABARD CGM Mr. K.K. Gupta visited B.R.I.A.T. and discussed the R.I.E. project of NABARD with Dr. B.K. Dwivedi. He also explored the possibility of rural tourism in Allahabad and what major can be taken to develop Springverpur as a rural tourism hub. He also discussed the possibility of developing a rural tourism destination in the region. Key points discussed include:  
 - The need for infrastructure development.  
 - The role of NABARD in financing such projects.  
 - The importance of community participation.

# पायनियर

नाबाई के मुख्य महाप्रबंधक ने किया बायोवेद का निरीक्षण

इलाहाबाद में आयोजित एक कार्यक्रम में नाबाई के मुख्य महाप्रबंधक ने बायोवेद का निरीक्षण किया। कार्यक्रम में बायोवेद के विशेषज्ञों ने नाबाई के सदस्यों को बायोवेद के फायदों और उपयोग के बारे में बताया।

# हिन्दुस्तान

तस्की की चाहिए नया नजरिया

# हिन्दुस्तान

तस्की की चाहिए नया नजरिया

# Grow superfood in backyard now!

**POWER PACKED** Experts of BRIAT prepare Spirulina mother plant for easy farming of beneficial, nutrient-dense ancient algae

ALAMABAD (Newspaper, vitamins and iron packed superfood) Superfood is a healthy, nutrient-dense food that can be grown in your backyard. It is a rich source of protein, vitamins, and minerals. It is easy to grow and can be used in a variety of dishes.

**HEALTH BENEFITS OF SPIRULINA**

- Boosts immune system
- Improves digestion
- Reduces cholesterol
- Supports liver function
- Reduces inflammation
- Boosts energy levels
- Supports heart health

Dr. B.K. Dwivedi, Director of BRIAT, is leading the effort to promote the growth of Spirulina in backyards. He believes that this superfood can help improve the health and well-being of the community.

**घर में ही पैदा कर सकते हैं प्रोटीन-विटामिन से भरपूर सुपर फूड**

सुपर फूड से भरपूर सुपर फूड... (Text describing the benefits and how to grow it)

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**कृषि पर्यटन के विकास के लिए मदद देगा नाबाई**

नाबाई के मुख्य महाप्रबंधक ने कृषि पर्यटन के विकास के लिए मदद देगा। नाबाई के सदस्यों को कृषि पर्यटन के फायदों और उपयोग के बारे में बताया।

नाबाई के मुख्य महाप्रबंधक ने कृषि पर्यटन के विकास के लिए मदद देगा। नाबाई के सदस्यों को कृषि पर्यटन के फायदों और उपयोग के बारे में बताया।

**Dr. B.K. Dwivedi, Director**  
 Bioved Research Institute of Agriculture & Technology  
 103/42, M.L.N. Road, (Near Prayag Station) Allahabad-211002, U.P. India  
 Ph : 2465678, 2467122, 2645368, Mob: 9839619729, Fax : (0532) 2465959  
 Email : bioved2003d@yahoo.com, Website: bioved.co.in