

Training programme

Hands-on Training on Aloe species cultivation and its products processing for farmers and entrepreneurs.

Date: 26th to 29th December; 2018

Venue: Conference Hall, T. N. Khushoo Block, CSIR- National Botanical Research Institute, Lucknow

Programme schedule

Date/Day	Time/Session	Topic	Speakers	
26/12/2018	09:00 AM –11.00 AM	Registration of delegates		
	11.00 -11.10	Welcome Address	T S Rahi	
	11:10 -11:30	Inaugural Address	Prof Saroj K Barik, Director, CSIR-NBRI	
	11:30 to 11:40	UPCST and Govt. support to entrepreneur	Shri A. K. Yadav Sec. CSTUP Lucknow	
	11:40 to 11:50 AM	Brief on UPCST sponsored, at NBRI project entitled as “Agrotechnological development of <i>Aloe species</i> for popularization and training among farmers for cultivation on sodic degraded lands of Uttar Pradesh”	Dr. Radhey Lal Joint Director CSTUP Lucknow	
	11:50 to 12:00	Vote of thanks	Dr. Lal Bahadur	
	Technical session-1			
	12.20 to 1.00 PM	Origin of <i>Aloe</i> species, their introduction in India, Ethnobotanical uses and their conservation practices.	Dr. Anand Paraksh	
	1:00 to 1:40 PM	Chemistry of <i>Aloe</i> species in context of health care products.	Dr. Mahesh Pal	
	1:40 to 2:20 PM	Lunch		
	2:20 to 3:00 PM	Overview of Indian <i>Aloe</i> species and their importance in health sciences	T. S. Rahi	
	3:00 to 3:40 PM	IPR opportunities in <i>Aloe</i> species research and their value added products.	Mr. Govind , Sharma (NRDC)	
	3:40 to 4:00 PM	Tea		
	4:00 to 4:40 PM	Forecasting of <i>Aloe vera</i> growth with the help of Machine learning	Rakhi Singh , NASSCOM Certified Master Trainer & Data Analyst	
	4:40 to 6:00 PM	Visit to <i>Aloe gel/ juice</i> processing facility.	PILOT PLANT	
Technical session-2				
27/12/2018	9:30 to 10.15 AM	एलोवेरा: भारत के आर्थिक विकास के लिए गाव से शहर तक एक स्वर्णिम अवसर	Dr. Aradhana Mishra	
	10:15- 11:00 AM	Phytochemicals of <i>Aloe</i> species for the development of nutraceuticals and biopharmaceuticals with reference to disease curing.	Dr. B. N. Singh	
	11:00 to 11:20 AM	Tea		
	11:20 AM to 12:00 PM	Application of Ayurvedic concepts for developing <i>Aloe</i> based products to address the life style changes.	Dr S K Ojha	
	12:00 to 1:20 PM	Development of future <i>Aloe</i> species products and commercial viability at global level. Quality control and developing value added products of Aloes-I	Dr. A Rajendran (Life care Phyto Remedies)	
	1:20 to 1:50 PM	Lunch		
	1:50 to 2:30 PM	Use of <i>Aloe</i> species for developing the food supplements.	Dr. P.P. Gothwal, CFTRI Lucknow	
	2:30 to 3:10 PM	Selecting Elite <i>Aloe vera</i> for Bioprospection	Dr. O P Siddhu	
	3:10 to 3:30 PM	Tea		
	3:30 to 4:10 PM	Quality Control & Developing Value Added Products of Aloes-II	Dr. Subha Rastogi	
	4:10 to 5:00 PM	Bio-efficacy and safety studies of <i>Aloe</i> species value added products.	Dr. Ch. V. Rao	
	5:00 to 5:40 PM	Role of molecular biology for enhancing the concentration of biochemical compounds viz. Vitamins, Enzymes, Proteins and Carbohydrates etc. in medicinal plants	Dr. Prabodh Trivedi	

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28/12/2018	Visit of Aloe species cultivation site at (DRC) Banthra		
	9:30 to 10:20 AM	Bus to Distant Research Centre- Banthra	
	10:20 to 10:35 AM	Tea	
	10:35 to 11:35 AM	Visit of Aloe species cultivation site at (DRC) Banthra	
	Technical session-3		
	11:35 AM to 12:15 PM	Agronomic management of Aloes	Dr. S. K. Tewari
	12:15 to 1:00 PM	Nutrient and water stress management for cultivation of the <i>Aloe</i> species	Dr. Lal Bahadur Yadav
	1:15 to 1:50 PM	Lunch	
	1:50 to 2:30 PM	Commercial cultivation of <i>Aloe</i> spp. in sodic wasteland.	Dr. Devendra Singh
	2:30 to 3:10 PM	Control measures of diseases caused by fungus, bacteria affecting the productivity and quality of <i>Aloe</i> species.	Dr. Poonam C Singh
	3:10 to 3:50 PM	Quality control of <i>Aloe</i> based products.	Dr. Suchi Srivastava
	3:50 to 4:10 PM	Tea	
	4:10 to 4:50 PM	Loan and Government subsidy for promotion Aloe species cultivation and product processing under Model Bankable Project Scheme.	Mr. Sunil Kaushik, DGM (NABARD)
	4:50 to 5:30 PM		
	5:30 to 6:30 PM	Back to NBRI Lucknow Campus	
	Technical session-4		
29/12/2018	9:30 to 10:30 AM	Analytical equipments used for quality assessment of <i>Aloe</i> species and visit to CIF Lab	Dr Alok Lehri
	10:30 to 11:10 AM	Analytical methods of inorganic nutrients and amino acids of <i>Aloe</i> species	Dr. Sanjay Dwivedi
	11:10 to 11:30 AM	Tea	
	11:30 to 11:30 AM		
	11:30 AM to 12:10 Noon	Problems and solutions of IPR related issues in <i>Aloe</i> species products.	Dr. V. K. Srivastava
	12:10 AM to 12:50 PM	Procedure adopted for licensing of products and GMP	Dr. Sharad Srivastava
	12:50 to 1:40 PM	Production of <i>Aloe vera</i> on sub standard soil	Dr. Bajrang Singh
	1:40 to 2:20 PM	Lunch	Panelists: Drs. Alok Lehri, Vivek, S K Tewari, A. K. Gauniyal
	2:20 to 3:20 PM	Panel Discussion on “ Issues Aloe industries	
	3:20 to 4:00 PM	Feedback of Trainees	
	4:00 to 5:00 PM	Valedictory function	
		Vote of thanks	Dr. S. K. Tewari