

Rental/Lab charges of facilities and other charges for incubatee at ICAR-IINRG, Ranchi w.e.f F.Y. year 2020-21

Registration Form



Agri-Business Incubation Centre, ICAR-IINRG, Ranchi

About ICAR-IINRG ABI Centre

ICAR-IINRG Agri-Business Incubation (ABI) Centre was approved by ICAR vide letter F.No. IP&TM-7(1)/2-18-IPR dated 16.10.2019 under the component-II of scheme “National Agricultural Innovation Fund (NAIF)” of ICAR. The centre envisages facilitating incubation of new startups/entrepreneurs & enterprises for innovative technologies by providing need based physical, technical, business and networking support, facilities and services to test and validate their venture before successful establishment of enterprises. Presently the ICAR-IINRG-ABI centre is promoting entrepreneurs in fields of natural resins and gums.

The ICAR-IINRG-ABI Centre is currently working towards achieving the following objectives:

- Incubation and business development in natural resins & gums
- Techno-entrepreneurial activities in Natural resins & Gums value chain for building prospective clientele
- Skill development in selected stakeholders related to NRG sector .

ICAR-IINRG-ABI Advisory Committee

Dr. K. K. Sharma, Director , ICAR-IINRG , Ranchi - Chairman
Sri Roshan Lal Sharma, Managing Director, Tajna Shellac Pvt. Ltd. Khunti,- Member
Sri Sanjeet Kumar, JASCOLAMPF, Jharkhand - Member
Er . S.K.Pandey, Scientist, PI: ICAR-IINRG-ABI Centre,- Member- Secretary

Management team of ICAR-IINRG-ABI Centre

PI - Er. S.K.Pandey, Scientist (SG), PDUUnit, PPD Division

Co-PIs

Dr . S. C. Sharma, Senior Scientist, TOT Division.
Dr . R.K.Yogi, Senior Scientist, TOT Division.

Registration at ABI, ICAR-IINRG, Ranchi

The interested firm/entrepreneurs/NGO/GO/farmers can register at ABI, ICAR-IINRG, Ranchi for incubation on NRG based process and products technologies. Annual fee for incubation on yearly basis at ICAR-IINRG, Ranchi for different category of incubatee is mentioned below.

Sl.No.	Category	Incubatee	Fee (in Rs.)
1.	Category I	Firm/Company	Rs. 10,000/- per annum
2.	Category-II	Entrepreneur	Rs. 5,000/- per annum
3.	Category-III	NGO/GO	Rs. 2,500/- per annum
4.	Category-IV	Farmer	Rs. 500/- per annum

* GST @18% extra will be applicable for all of above

The above fee will be only for registering as incubatee on year basis. For getting services like Processes and products technologies/training, equipments use, office space, meetings and conference space and other facilities, an incubatee has to pay fee/charges and rentals for different services fixed by ICAR-IINRG, Ranchi apart from registration fee on yearly basis. The maximum duration of incubation for an incubatee will be 02 (two) years at present which may be extended upto 03(three) years for specific case depending on requirement.

Technologies available at ICAR-IINRG, Ranchi for start-ups, entrepreneurs and innovators:

Lac Production Technologies

- Lac cultivation on *kusum*
- Package of practices of broodlac production on *palas*
- Technology for rangeeni lac production on *palas* and *ber*
- Production of *rangeeni* lac on *ber*
- *Kusmi* lac production on *kusum* and *ber* in alteration

- Early *kusmi* breed cultivation on *semialata*
- Late *kusmi* breed cultivation on *ber*
- *kusmi* lac production on fruit varieties of *ber*
- *Kusmi* lac production on *swadi palas*
- Lac cultivation on *Calliandra calothyrsus*
- Disease and pest management during lac

- Early detection of parasitoid infestation in lac crop-Biotechnological approach
- Management of soil fertility for *kusmi* lac production
- Management of soil fertility for *rangeeni* lac production
- Technique for quick raising of *ber* plantation

- Weed control in *F.semialata* for *kusmi* lac production
- Nursery raising of lac hosts/plants
- Integrated lac farming system.

Lac processing and product technologies

- Small Scale Lac processing Unit
- Integrated Small Lac processing Unit
- Lac wood varnish
- Lac based non-spirit wood varnish
- Multipurpose lac based varnish
- Air-drying and baking type insulating varnishes

- Aqueous Lac Varnishes for Earthenware and Bamboo
- Lac based natural nail polish
- Lac dye based natural Alta
- Lac based Water thinnable Interior Paint
- Lac based multi-colour Dental plates
- Shellac Gasket compound
- Sealing lac

- Herbal *Gulal* from *Palas* Flower
- Lac based fruit coating formulation for kinnow
- Lac-based coating formulations for pomegranate
- Lac based coating formulations for seed species
- Lac based coating formulation for ginger

- ❑ Lac based coating formulation for vegetables
- ❑ Utilization of gummy mass an industrial effluent from aleuritic acid
- ❑ Coating formulation for paper packaging material
- ❑ Coating formulation for Clayware
- ❑ Coating formulation for green garbage bags

- Lac wax policosanol based plant growth regulator
- Process of making aleuritic acid
- Process of making bleached lac
- Process of making Dewaxed decolourised lac (DDL)
- Process of making lac dye
- Process of making Isoambrettolide

Other natural resins and gums technologies

- Tapping/harvesting of resin and gums
- Process for preparation of cold water solu tamarind seed gum
- Guar gum based superabsorbent hydrogels
- *Acacia* and *Karaya* gum based hydrogels
- Palas tannin based crack cream
- Moringa gum based crack cream

- Guar gum derivatives
- Dietary fiber from guar and arabic gum

Contact for further information:

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