

## Details of Network Sub-Project at ICAR-IINRG, Ranchi (Lead Centre)

### List of completed Sub-Projects:

S. No.	Name of Sub-Project(s)	Name of Co-PIs	Name of Associates
1.	Improvement of functional properties of minced meat product by incorporation of <i>guar</i> gum and gum <i>arabic</i>	Dr. Divya	Dr. SK Giri
2.	Study of changes in aromatic components (essential oils) of <i>guggul</i> ( <i>Commiphora wightii</i> ) in the marketing-chain	Dr. MZ Siddiqui	Dr. Moni Thomas
3.	Development of enzymatic method for the removal of residual gum from <i>guar</i> meal	Dr. S Srivastava	Shri Anis K.
4.	Development of suitable method and technology for efficient storage of gum <i>karaya</i> and gum <i>arabic</i>	Dr. SK Giri	Shri SKS Yadav Dr. MF Ansari
5.	Development of freshening tool for bore hole technique of pine resin tapping	Dr. SC Sharma	Dr. Niranjana Prasad Dr. Kulwant Rai Sharma
6.	Chemical profiling and rheological study of <i>Buchanania lanzan</i> ( <i>Piyar</i> ) gum exudates	Dr. MZ Siddiqui	Dr. AR Chowdhury
7.	Comparative evaluation of selected physico-engineering properties of different major and minor gums	Dr. SC Sharma	Dr. Niranjana Prasad
8.	Physicochemical, rheological and edibility test of <i>Prosopis juliflora</i> and <i>Balanites aegyptiaca</i> gum exudates from Rajasthan	Dr. MZ Siddiqui	-
9.	Marker-trait association for growth and oleoresin traits of <i>chir pine</i> ( <i>Pinus roxburghii</i> )	Shri Sheeraz Saleem Bhat	-

### List of on-going Sub-Projects:

S. No.	Name of Sub-Project	Name of Co-PIs	Name of Associates
1.	Development and antibacterial activity of <i>Buchanania Lanzan</i> ( <i>Piyar</i> ) gum-based silver nanoparticles.	Dr. MZ Siddiqui	Dr. AR Chowdhury
2.	Field guide for identification of major resin and gum producing plants	Mr. Nandkishore Thombare	Dr. Vaibhav D Lohot Dr. Niranjana Prasad