

Research Projects

S.No.	Title of the Project	Name of the PI	Name of the Co-PI	Funding Agency	Amount Sanctioned	Year of Sanction	Status (Ongoing/Completed)
1	Food Testing Laboratory	Dr. B.N Dar	Dr. Darakshan Majid	MOFPI	386 Lacs	2014	Ongoing
2	Identification and characterization of the nutritional as well as anti-nutritional components of minor fruits	Dr. B.N Dar	Dr. Darakshan Majid Dr. Abida Jabeen	Dept. of Biotechnology, New Delhi	46.0 Lacs	2015	Completed
3	Processing and value addition of temperate horticultural for women empowerment in Kashmir Horticulture Mini Mission (HTMM-1)	Dr. Darakshan Majid	Dr. B.N Dar	CITH-ICAR, New Delhi	17 Lacs	2013	Completed
4	Apple disease diagnosis: App development	Dr. B.N Dar	Dr. Muzaffar Dr. Asif Asad	IUST	5.85 Lacs	2017	Ongoing
5	Skill development training programme	Dr. B.N.Dar	Dr. Darakshan Majid	Agriculture Technology Managing Agency	4.36Lacs	2015	Completed
6	Extraction of Oil from Lavender	Dr. Abid Hussain Shala Dr. Manzoor Dar	Dr. B.N Dar	IUST	5.0 Lacs	2017	Completed
7	Design Innovation Centre	Dr. Shahkar Navhi	Dr. B.N Dar member	MHRD, GOI	100 Lacs	2018	Completed
8	Preparation and characterization of biodegradable composite films and their application in foods	Er. Shemilah Fayaz	Dr. B.N Dar	MHRD	12.79 Lacs	2019	Completed
9	Negative pressure extraction of lavender oil.	Er. Shafat Khan	Dr. Aamir Hussain Dar	TEQIP-III	2.67 lacs	2019	Completed
10	Design, development of solar tree assisted hybrid green house solar dryer	Er. Shafat Khan	Dr. Aamir Hussain Dar	MHRD	13.19 lacs	2019	Completed

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11	Development and Promotion of Sea buckthorn based health Foods	Er. Zakir Showkat Khan	Prof. H.N.Mishra Dr. B.N Dar	CRS	11.35 lacs	2019	Completed
12	Moderate Electric Field and Pressure Assisted Extraction (MEFPAE) of Colorants from Food Waste	Dr. Hilal A. Makroo	Dr. Thameed Aijaz	MHRD	14.90 Lacs	2019	Completed
13	Nanoemulsions as carriers for targeted delivery of bioactive compounds	Dr. Farah Naqash	Dr. B.N Dar	MHRD	16.02 lacs	2019	Completed
14	Design and development solar powred Milk Pateurizer	Er. Shafat Khan	Dr. Aamir Hussain Dar	KIT IIT Kanpur	1.5 lacs	2020	Ongoing
15	Extraction Characterization & encapsulation of Natural Bio-Active Compounds from <i>Rheum Emodi</i> and <i>Utrica dioica</i> for the development of Nutroceutical Bakery Product	Dr. Darakshan Majid	Prof. H.R.Naik Dr. B.N.Dar	DBT	45.44 lacs	2021	Ongoing
16	Extraction characterization and antimicrobial activity of walnut hull: studies on its food and non food applications	Dr. Hilal A. Makroo	Dr. B.N.Dar Prof. H.R.Naik	JKSTIC	7.52 lacs	2021	Ongoing
17	Design and Development of Phase Change material Based Greenhouse Solar Dryer for Walnut Drying	Er. Shafat A. Khan	Dr. Aamir Hussain Dar	JKSTIC	6.09 lacs	2021	Ongoing
18	Circular Economy Approach to Recover Pectin, Cellulose and Starch Like Industrially Important Polymeric Compounds from Early Drop Wasted Apples	Dr. Hilal A. Makroo	Dr. B.N. Dar Prof. H.R. Naik	SERB-DST	32.95 lacs	2021	Ongoing
19	Elucidating nutraceutical Properties of traditional apple cultivars of kashmir as potential functional food	Dr. Munib Ur Rehman (AP Food Techniology SKUAST-K)	Dr. B.N.Dar	JKSTIC	9.10 lacs	2021	Ongoing