

FUNDED PROJECTS

The details of funds received by the Agriculture, Horticulture and Agricultural Engineering programmes through external funded Agencies and from KARE are given in the below Table.

Fund Received from External Funded Agencies and KARE

Sl. No.	Year	Funding sources	Amount in Rs.	Purpose/Title	Status
1	2016 -2020	KARE	2.8 Lakhs	Vermi-compost Unit	Completed
2	2019 - 2020	KARE	0.80 Lakhs	ELP Model for final year Horticulture Students	Completed
3	2019 - 2021	DST, New Delhi	20.41 Lakhs	Scientometric Assessment of Research Trends in Precision Agriculture: Global and Indian Perspectives	Ongoing
4	2019 - 2021	TNSCST, Tamil Nadu	77.35 Lakhs	Rural Urban Connectivity Centres for technology dissemination, research and livelihood – Polyhouse training	Ongoing
5	2020-2023	DST, New Delhi	238.43 Lakhs	Establishment of STI HUB for production of eco-friendly and economical products to improve the socio-economic status of SC population of Srivilliputtur Block	Ongoing

Patent Granted/Published/Applied

S.No	Name of the faculty	Title of Invention	Patent Number	Current status
1	Dr. D. Sivakumar	Impeller for centrifugal pump	330851-001	Granted
2	Dr. D. Sivakumar	Impeller with modified forward-curved blade	330852-003	Granted
3	Dr. D. Sivakumar	Modified curved blade impeller with four-way central spline hub	335454-001	Granted
4	Dr. D. Sivakumar	Impeller with curved Blade for centrifugal pump	330852-001	Granted
5	Dr. D. Sivakumar	Circular tapered impeller for centrifugal pump	330852-002	Granted
6	Udayasuriyan, V. Kannan, V. Ramalakshmi, A. Balasubramanian, P	Novel gene of <i>Bacillus thuringiensis</i> encoding insecticidal protein.	291085	Granted
7	Dr. Balamurugan Karnan, A. Chinnamahamma d Bhasha V. Jaipal Reddy D. Kameswara Rao Dr. Jagamohan Meher Dasari Manikanta Swamy	Manure Spreading in Precision Fertilization by Hydraulic Device With Draggled Technology	202141016846	Published
8	Dr. Balamurugan Karnan Dr. T. P. Latchoumi N Bharath Kumar Dr. Jagamohan Meher Jujjavarapu Rama Rajeshwar	Predictive control in smart agricultural vehicle for in-line path tracking	202141016824	Published
9	Dr.C.Sivapragasam Dr.S.Vanitha Dr.T.Theivasanthi Mr.G.SelvaGanesan Mr.V.SuriyaPrakash	Low cost simple fluoride removal unit for rural community	201641036236	Published
10	R.B.Rai T. Damodaran R.Kannan Rathore A.P.Srivastava D.K.Sharma	Low cost multiplication technology of salt tolerant bio-growth enhancers (<i>Bacillus</i> ,	857/DEL/2012	Applied

	V.K.Mishra S.K.Jha V.Sah	<i>Pseudomonads</i> & <i>Trichoderma</i>) for increasing productivity of agri-horti crops in normal and sodic soils.		
11	Dr.K.Sumathi Dr.K.Selvarani Ms.S.kundhavai	Real-time agrarian decision support system,	201841038453 A	Applied