

**Patent details**

No	Title	Patent no.	Budget / App No.	Filed	Published	Publication number	Grant date	Scientists	Applicant
1.	Aloe Vera Gel Filleting Machine and a Method for Filleting	Indian patent 310723	1201/KOL/2009	24.09.2009	19.10.2012	1201/KOL/2009	02.04.2019	Dr. P. Srinivas Rao and Dr. C. T. Ramachandra	INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR
2.	Selectable marker system	Indian patent 334157	154/CHE/2012	13.01.2012	26.07.2013	154/CHE/2012	06.03.2020	Vemanna Ramu S Chandrasekhar Babitha K Karaba Nataraja N Makarla Udayakumar	UNIVERSITY OF AGRICULTURAL SCIENCES DEPARTMENT OF BIOTECHNOLOGY
3.	Enhanced loop-mediated isothermal amplification method for detecting latent Xap Infection in pomegranate	IP Australia 2021101342	2021101342	16.03.2021	25.03.2021	2021101342	28.04.2021	Dr. Prasanna Kumar, M. K. Dr. P. Buela Parivalla Dr. H. B. Mahesh Dr. D. Pramesh and Dr. Prasad, S. Rajendra	University of Agricultural Sciences
4.	An apparatus for Sugarcane propagation and a method thereof	IP Australia 2021102640	2021102640	18.05.2021	10.06.2021	2021102640	16.6.2021	Dr. Nagaraja, T. E. Dr. Yadav Dr. Suresh Dr. Shadakshari, Y. G.	T E, NAGARAJA
5.	Rapid Genotyping of the Rice R Genes Resistant to Bacterial Leaf Blight using LAMP Technology	IP Australia 2021103516	2021103516	21.06.2021	22.07.2021	2021103516	28.7.2021	Dr. Mahesh, H. B., Dr. Manjunatha Chennappa, Dr. N. Banakar, Sahana, Dr. Parivallal, P Buela, Dr. Pramesh, Devanna, Dr. Prasanna Kumar, M. K., Dr. Rangaswamy, K. T. Dr. S. Narayan, Dr. S. Vemanna Karthik, Dr. Venkatesh, Gopal, Ramu,	Dr. Kumar, M. K. Prasanna Dr. Mahesh, H. B. Dr. Parivallal, P Buela Dr. Prasad, S. Rajendra University of Agricultural Sciences
6.	Multiplex Detection of	IP Australia	202110351	22.06.2021	22.07.2021	202110351	28.7.2021	Dr. Mahesh, H. B.,	

	<i>Magnaporthe oryzae</i> and <i>Sarocladium oryzae</i> in Rice Seed using a Foldable Membrane Platform based on LAMP Technology	2021103517	7		1	7		Dr. Parivallal, P Buela, Dr. Pramesh Devanna, Dr. Prasanna Kumar, M. K., Dr. Raj, Edwin	
7.	System of duplex detection of <i>Magnaporthe oryzae</i> in rice seeds using a single membrane platform based on LAMP technology in resource - constrained areas	IP Germany 20202210059 8	202022100 598	02.02.2022	07.04.202 2	07.04.2022	02.3.2022	Dr. B. Sahana Nagaraj, Dr. Mahesh, H. B. Dendrite lab. Pvt. Ltd. Dr. Parivallal, P Buela Dr. Pramesh, Devanna Dr. Prasanna Kumar, M. K. Dr. Ramegowda, Venkategowda	Dr. Banakar Sahana Nagaraj Dr. Basavarajegowda Mahesh Hirehally Dendrite Laboratories Private Limited Dr. Parivallal Perumal Buela Dr. Pramesh Devanna Dr. Prasannakumar Mothukapalli Krishnareddy Dr. Ramegowda Venkategowda University of Agricultural Sciences
8.	A process for the preparation of tomato ( <i>Solanum lycopersicum</i> ) bread and tomato bread thereof	Indian patent 396430	457/CHE/2 010	22.02.2010	25.05.201 2	457/CHE/ 2010	09.5.2022	Dr. H. B. Shivaleela, Dr. S. Meenakumari Dr. M. A. Rani arvind Dr. L. Gopal	UNIVERSITY OF A GRICULTURAL SCIENCES
9.	Sub-baric storage system	Indian patent 401836	202141006 200 1,25,000/- (NAHEP- CAAST Project)	14.02.2021	19.02.202 1	2021410 06200	22.7.2022	Dr. S. Rajendra Prasad, Dr. Ramachandra, C. T., Dr. Ashoka, H. G., Dr. Shivanna, B., Dr. Mahesh kumar, G. and Dr. Babu Ram Ray.	Indian Council of Agricultural Research, Krishi Anusandhan Bhavan-II, Pusa, New Delhi University of Agricultural Sciences, GKVK, Bangalore

10.	Rapid and accurate point –of – care lamp colorimetric based diagnostic dipstick	Indian patent 401825	202041051925	28.11.2020	16.04.2021	202041051925	22.07.2022	Dr. M. K. Prasanna Kumar Dr. P. Buela Parivallal Dr. H. B. Mahesh Dr. K. T. Rangaswamy Dr. M. E. Puneeth Dr. Yedeyur Gavisiddaiah Shadakshari Dr. Siddegowda Rajendra Prasad	University of Agricultural Sciences (Department of Plant Pathology)
11.	A Soil conditioner and applications related thereto  (Yellow gypsum as a source of Sulphur, Silicon and other micro nutrients in agriculture)	Indian Patent 450892	202131002666	20.01.2021	2.12.2022	202131002666	12.9.2023	Dr. Prakash Nagabovanalli Dr. Prabhudev Dhumgond Dr. Shruthi Venkatesh Dr. Chikkaramappa Thimmarayappa Dr. Shrenivas Sheturamacharya Ashrit Dr. Supriya Sarkar Dr. Munish Sudan	TATA STEEL LIMITED UNIVERSITY OF AGRICULTURAL SCIENCES
12.	A Biosensor for the Early Detection of Plant Pathogens	Indian Patent 456261	202141054916	27.11.2021	17.06.2022	202141054916	3.10.2023	Dr. Anitha Peter Dr. Amrita Sukrity Dr. Rohini Bhat V Dr. Soumya Ganapati Bhat Dr. M Roshni Dr. R. S. Anantapur	UNIVERSITY OF AGRICULTURAL SCIENCES
13.	Solar powered roof top aquaponics food production system	Indian Patent 497178	202141011449 23,700/- (AICRP Grant)	18.03.2021	26.3.2021	202141011449	10.01.2024	Dr.B.V.Krishnamurthy	<b>1. UNIVERSITY OF AGRICULTURAL SCIENCES (BANGALORE)</b> <b>2 . BEGALI VENKATARAMANA</b>

									<b>PPA KRISHNAMURTHY</b>
14.	DESIGN AND DEVELOPMENT OF NANOFLUID BASED EXTENDED SURFACE MODULE FOR MILKCOOLING	Indian patent 516796	201811021472	08.06.2018	1.12.2019	201811021472	28.02.2024	RAVI PRAKASH CHIKKAMUTHARYAP PA MANJUNATHA GURUVANNA MAHESH KUMAR KERAKOPPA PUTTAIAH BHATTA RAMESHA GIRIYAPURA BASAVARAJAPPA DARSHAN MENON REKHA RAVINDRA BATTULA SURENDRA NATH PUSHPADASS HEARTWIN AMALADHAS	
15.	Root vegetables cleaning machine	Design No. 389643-001					21.02.2024	Dr. Sanjay Kumar S M Dr. B A Anand	SJB Institute of Technology, Department of Mechanical Engineering, Outer Ring Road, Kengeri, Bengaluru- 560060, Karnataka, India. 2. University of Agricultural Sciences, Department of Farm Machinery and Power Engineering, Gandhi Krishi Vigyana Kendra (GKVK Campus),

									Bengaluru -560065, Karnataka, India.
16.	An Improved method of Producing plant based Rabies vaccine	Indian patent 224630	36/CHE/2003	13.01.2003	11.05.2007	36/CHE/2003	30.10.2008	Dr. P. H. Ramanjini Gowda Dr. Shampur Narayana Madhusudhan Dr. Tamasandra Kempe Siddarama Gowda	
17.	A Wheat chocolate bar for sustained energy release.	Indian patent 229291	453/CHE/2003	04.06.2003	20.03.2009	453/CH E/2003	16.02.2009	Dr. H.B. Shivaleela	Dr. H.B. Shivaleela
18.	Method of Manufacturing highly soluble siliceous fertilizer from husk incineration ash	Indian patent 4894057	2004299195	13.10.2004	27.04.2006	2006111480	06.01.2012	Dr. Ito Sumio Dr. Takada Yoshizo Dr. N B Prakash	NATIONAL AGRICULTURE & BIO-ORIENTED RESEARCH ORGANIZATION TAKADA ENGINEERING:KK
19.	Composition for amelioration of peri- and post-menopausal symptoms and a process for producing the same	US patent 9855308 b2	14856584	17.09.2015	05.04.2018	20180092956	02.01.2018	Krishnakumar Illathu Madhavamenon Balu Paulose Maliakel Shamshad Begum Saddapalli Jayalakshmi Hosakere Krishnamurthy Geetha Kalaiah Vasundhara Mariappa Suresha Sanaba Venkataiah	AKAY FLAVORS & AROMATICS PVT, LTD.
20.	A PROCESS FOR MANUFACTURING NATA-DE-COCO	Indian patent 303710	728/CHE/2012	27.02.2012	30.08.2013	728/CHE/2012	29.11.2018	Dr. B. Narayanaswamy	UNIVERSITY OF AGRICULTURAL SCIENCES