



NAHEP
भाकृअनुप - राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी
ICAR-National Academy of Agricultural Research Management

(ISO 9001:2008 Certified)

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National Agricultural Higher Education Project

(Funded by World Bank)



Call for Innovative Research Project Proposals

List of Received Proposals

S.No	Title	PI Name	Designation	University Name	Industry Name
1	Real Time Out-reach of Agriculture Schemes and Programmes to Target Stakeholders Through Digital Extension	Dr. Mohan Kumar R	Assistant Professor of Agronomy	University of Agricultural Sciences, Bangalore 560065	Vasudhaika software solutions pvt.Ltd
2	To Set up Virtual Reality classroom for strong training support of production breakthrough in agriculture	Dr. R A Patel	Senior Scientist and Head	Krishi Vigyan Kendra-Mehsana Ganpat University MDEF, Ganpat Vidyanagar Ta & Dist - Mehsana 384012, Gujarat, India	**
3	Designing a real time Crop Nutrient Disorder Diagnosis Application using Artificial Intelligence	Dr. K.V. Naga Madhuri	Principal Scientist (Soil Science)	Regional Agricultural Research Station, Tirupati 517502, Acharya NG Ranga Agricultural University, Regional Agricultural Research Station, Tirupati, Andhra Pradesh 517502	Vasudhaika software solutions pvt.Ltd,

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4	Digital writing vs Hand writing: A pilot study approach	Dr. G. Sathish	Assistant Professor (Agricultural Statistics)	Sri Konda Laxman Telangana State Horticultural University, College of Horticulture, Mojerla, Peddamandadi(post), Dist: Wanaparthy, Telangana (State)	Eminent Apps,
5	Assessment of Source – Sink relationship in Areca nut (Areca catechu) with use of PGRs for improvement of nut quality and productivity in hilly area (Sirsi) of Karnataka.	Dr. H. Shivanna	Professor of Crop Physiology, & Univ. Head. Department Of Crop Physiology, UAS Dharwad.	University Of Agricultural Sciences, Dharwad Karnataka-580005	Totagars Co-operative Sales Society Ltd.
6	Development of field specific weather based decision support system to restrict use of pesticides for the management of grapes diseases and to produce residue free grapes	Dr. Raghavendra Achari	Assistant Professor(Plant pathology)	University of Horticultural Sciences Udyanagiri, Bagalkot - 587104, Karnataka	Jayalaxmi Agrotech Pvt Ltd
7	Cow-side expert system attached electric hoof trimming crush to promote the hoof health care in dairy cattle	Dr. Laiju M. Philip	Assistant Professor	Kerala Veterinary and Animal Sciences University, Pookode, Wayanad (Dist.) Pin: 673576. Kerala.	Xeoscript Technologies,
8	Design and Implementation of IoT based Real Time Water Quality Monitoring Systems in GIFT (Genetically Improved Farm Tilapia) Culture	Dr.M.Menaga	Assistant Professor	Tamil Nadu Dr.J.Jayalalithaa Fisheries University Nagapattinam-611002	CropWit Smart farming Solutions
9	Linking of Fruits and Vegetables Producers with Big Institutional Buyers through an Artificial Intelligence (AI) enabled Mobile Application Platform	Dr. Ranganath. G.	Assistant Professor	University of Agricultural Sciences, G.K.V.K., Bangalore-560065	**
10	Development of Decision Support System for identification and resolution of Nitrogen stress in tomato plants	Dr Ranjit Singh Spehia	Assistant Professor	Dr Y S Parmar University of Horticulture and Forestry, Nauni, Solan, Himachal Pradesh	Comax Consulting p Ltd, Noida
11	Irrigation water management using multi-satellite data.	Dr. N.B. Prakash	Professor	University of Agricultural Sciences, Bangalore	

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12	Forecasting apple production in Himachal Pradesh	Dr RK Gupta	Professor (Statistics)	Dr YS Parmar University of Horticulture & Forestry, Nauni, Solan Himachal Pradesh	JSR Technology Private Limited
13	Digitization of Supply Chain Management: Connecting the Producers with Buyers using Android Based Application	Dr Rahul Dhiman	Assistant Professor	Dr. Yashwant Singh Parmar University of Horticulture & Forestry, Nauni, Solan – 173230, Himachal Pradesh-India	Comax Consulting Pvt. Ltd.
14	Desugbug abd Development of an integrated hybrid applications for effective advisory service delivery, emergency doostep healthcare and consultative production management in animal husbandry (I-DISHAM)	Dr. T. S. RAJEEV	Assistant Professor and Director of Students Welfare	College of Veterinary & Animal Sciences, Mannuthy, Thrissur, Kerala	Freedom Collective Pvt. Limited,
15	Development Of Mobile Application Of Virtual Dairy Farming For Youth And Students To Catch Them Young Towards Dairy Faraming (E-Cuty)	Dr. Subin K. Mohan	Assistant Professor	College of Veterinary & Animal Sciences, Mannuthy, Thrissur, Kerala	Takyon System Solutions Pvt Ltd,
16	Deep Learning Based Expert System for Identification of Rice Crop Diseases	Dr. Ramalingaswamy Cheruku	Assistant Professor, Depatment of CSE	National Institute of Technology Warangal	
17	Digital Solution for Crop Monitoring and Measurement using Web and App Enabled Framework	Dr. Vivek Badhe	Assistant Professor (Computer Science)	J.N.K.V.V. , Jabalpur	pageUp Software Services Pvt Ltd
18	Development of sensor based automatic water temperature controlling and water quality monitoring in water trough to enhance water intake in dairy animals	Dr. Mukesh Bhakat	Senior Scientist	ICAR-National Dairy Research Institute	IIT Delhi, Hauz Khas, New Delhi 110016
19	Design and Development of a Mechanised Coconut Climber through 3D Design Software	Dr Sunil V G	Assistant Professor	Kerala Agricultural University	AgroMech Innovations,
20	Study of the Kole land Ecosystem of Kerala using Geo-spatial Technology	Dr Jiju P Alex	Director of Extension	Kerala Agricultural University	Forest Research Institute, Peechi; Global

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					Urban Canopy LLP, Thrissur
21	IOT System for Citrus Value Chain using Robotic Vision Graders	Dr. C. Ganeshkumar	Assistant Professor (Decision Sciences & Operations Management)	Indian Institute of Plantation Management, (An Autonomous Organization of the Ministry of Commerce & Industry, Govt. of India), Jnana Bharathi Campus, P.O.Malathalli, Bangalore 560 056 Website: http://iipmb.edu.in	**
22	Artificial Intelligence based Mobile App for Decision Support in Rice	Dr. G. Sreenivas	Principal Scientist (Agro) & Head	Professor Jayashankar Telangana State Agricultural University, Rajendranagar, Hyderabad, Telangana, India - 500 030	IT Business Solutions
23	IoT enabled decision support system for water and fertilizer distribution in precision Agriculture.	Dr. Manish Bhimrao Giri	Assistant Professor	MIT Academy of Engineering, Alandi (D)	Jacklean Venture LLP, Incubation Centre,
24	Innovative Research Project Proposals for Development of Digital Solutions in Agriculture	Anbarasan K	Senior Vice President - Technology	Jean Martin Systems India Pvt. Ltd 26 A, 4th Main Road, SIPCOT IT Park, Siruseri, Chennai 603103, India	**
25	Integrative Need based transfer of Technology through Greeshma Plus Mobile APP	Dr, M. Reddi Kumar	Program Co- ordinator	Acharya N G Ranga Agriculture University Lam, Guntur	PIXMINDS Labs Pvt. Ltd..
26	Agrijobs.in-An Industry Institute Digital Interface	Dr. Aditi Mathur	Assistant Professor (HRD)	Swami Keshwanand Rajasthan Agricultural University, beechwal, Bikaner- 334006 (Rajasthan)	

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27	Extension in Virtual Mode for Optimal learning & Voluntary Educationn (EVOLVE) App	Dr. P. Jaishridhar	Assistant Professor (Agril. Extension)	Horticultural College & Research Institute for Women, Trichy - 620027	Purple Clip Films
28	Prediction for presence of moisture in spatial domain under soil susrface with the help of multilevel soil moisture sensor	Krishna Vir Singh	Assistant Professor	ABES Engineering College, Ghaziabad, Campus 1, 19 Km Stone, NH-24, Ghziabad, Pin: 201009 (U.P.), India.	**
29	Popularization of Dryland technologies through animated scientific communication for effective Transfer of Technology (ToT).	Dr. J. Venkata Pirabu	Director	Tamil Nadu Agricultural University, Coimbatore	J and J Media Solution
30	Market Intelligence	Dr. Anil Bhat	Assistant Professor, Agricultural Economics and Agribusiness Management	Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu, Union Territory of JK	VAATIKA Agrosevices
31	Application of AI-ML in Animal Health Management by Veterinarian and Farmers	Dr. B D P Kalakumar	Professor & head	P V Narsimha Rao Telangana Veterinary University, Rajendranagar, Hyderabad	Nemus software solutions Pvt. Ltd.
32	Converting Handwirtten Data into Digital Data in Agriculture for Enabling Knowledge Management, Advnced Analytics and Predictive Modelling by Leveraging Machine Learning	Dr. Akhilesh Singh	Scientist (Agril. Engg.)	Rajmata Vijayraje Scinndia Krishi Vishwa Vidyalaya, Raja Pancham Singh Marg, Gwalior - 474002 (M.P.)	SBSF Consultancy Pvt. Ltd.
33	Image analysis based robotic arm automation system for greenhouse farms	Harivans Pratap Singh	Assistant Professor	ABES Engineering college, campus-1, 19th km stone, NH24, Gaziabad-201009 (U.P.), India	**

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34	Supply Chain Management Application for Small Scale Dairy Farmers	M. Dhanalakshmi	Assistant Professor	Tamil Nadu Veterinary and Animal Sciences Univeresity	**
35	Supply value Chain Management and Accounting Sofftware for Dairy output	Dr B Suresh Subramonian	Dr. B. Suresh Subramonian, PhD	Tamil Nadu Veterinary and Animal Sciences Univeresity	**
36	Leaveraging small holder Backyard Poultry Farmer through Internet of Things (IoT)	Dr. N. K. Sudeep Kumar	Director of Externsion Education	Tamil Nadu Veterinary and Animal Sciences Univeresity	Enrick Technology Solution Chennai;
37	Atificial Intelligence & Machine Learning based syndromatic surviellance in veterinary medicine- Prototype Development	Dr. D. Sumathi, MVSc (Med), Ph.D (Med), Dip. Regen Med.,	Assistant Professor	Tamil Nadu Veterinary and Animal Sciences Univeresity	Bow and Baan Technology Solutions Private Limited
38	In-Time pest and disease detection in chilli crop throught Mobile App	Dr. Pidigam Saidaiah	Associate Professor	Shri Konda Laxman Telangana State Horticulture University	Agri Central Technology Olam Information Services Ltd, Bengaluru
39	Implementation of Smart Vertical Hydroponics Farming (SVHF) Using Intellegent Technique	Dr. B. Sathiyabhama	Professor and Head/Computer Science and Engineering	Sona College of Technology, Junction Main Road, Salem-636005	**
40	Management of Agricultural Education System trhough digital platforms	Dr. Bhanu Prakash Mishra	Associate Professor	Banda University of Agriculture & Technology, Banda, Uttar Pradesh	**

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41	Capturing / digitisation of the phenotypic data of mango orchid	Dr. Bhavana Arva	Director / Pincipal Scientist	Shri Konda Laxman Telangana State Horticulture University	**
42	Computer based Modeling of Swarm Intellegence for strengthenin of group dynamics of the farmer's groups	Dr. S. K. Kashyap	Professor, Agricultural Communication / PI- IDP (NAHEP)/ Dean, Agruculture	G. B.. Pant University of Agriculture & Technology, Pantnagar - 263145, Dist. Udham Sigh Nagar, Uttarakhand, India.	**
43	AI based Platform for Digitalization and Automation of RAWEP for effective monitoring and data utilization. (ARM)	Dr. V. Anitha	Professor, (Entomology) & Director Planning & Monitoring Cell	Professor Jayshankar TenlanganaState Agricultural Univesity, Rajendranagar, Hyderabad	**
44	Development of Ration Balancing Software for Dairy farmers of Malwa region of M.P. with Special reference to Prevention of Common Reproductive/ Metabolic Desordres	Dr. R. K. Jain	Professor	Nanaji Deshmukh Veterinary Science University, Adharatal Jabalpur (M.P.) 482004	**
45	Development of Market-linked crop planning supply-chain management system	Dr. Ravi Kumar Theodore	Professor and Head, Training Division, Directorate of Extension Education	Tamil Nadu Agricultural University Lawley Raod Coimbatore 641003	**
46	Weeding Robot: Complete autonomous machine for a more ecological and economical weeding of row crops	Dr. B. N. Arvind Kumar	Professor of Agronomy	Universityof Agricultural Sciences, Dharwad-580005, Karnataka	HAEGL Tech. Pvt. Ltd.
47	End to End Monitoring of Organic Farm Produce Using Block Chain Technology	Dr. Sudhir Uprit	Professor (Dairy Technology) and Dean Students Walfare	Chhattisgarh Kamdhenu Viswavidyalaya Anjora-Drug	Happy Tech Solutions

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48	Artificial Intellegence (AI) and Internet of Things (IoT) best automatic drip irrigation system using free satellite imagery for enhancing water consevation in rural India	Dr. Maheshwaran S	Associate Professor	Kongu Engineering College Perundurai Erode-638060 Tamil Nadu. principal@kongu.ac.in	Mobitech wireless solutions
49	Building a Framework to identigy crop disease and provide solusion by analysing various agricultural parameters	Mr. Arko Bagchi	Assistant Professor	Shree Guru Gobind Sing Tricentenary Univrity, Budhera, Distict Gurugram (Hariyana)-122505 Phone: 0124-2278188 Fax: 0124- 2278151 Website: www.sgtuniversity.ac.in	Samatrix Consulting Pvt Ltd
50	Sensor based smart micro irrigation system using IoT	Ashish Gupta	Assistant Professor	ABES Engineering college, campus-1, 19th km stone, NH24, Gaziabad-201009 (U.P.), India	**
51	Up lifiting of socio-economic status of farmer through digital solution in animal sector	Dr. H. K. Mehta	Associate Professor	Nanaji Deshmukh Veterinary Science University, Adharatal Jabalpur (M.P.) 482004	**
52	Enhanching Academic Performance of Slow Learners (UG students) through Digital Learning Interventions	Dr. S.S. Dolli	Professor and Nodal Officer (Socual Safeguard)	University of Agricultural Scinces, Dharwad.	Jaylaxmi Agrotech Pvt Ltd,
53	Artificial Intellegence based Prediction of major pests in Rice	Dr. P. Parimalarangan	Asst. Professor (Agrl. Economics)	Tamil Nadu Agricultural University Coimbatore, Tamil Nadu	M/s. NANDHA INFOTECH New

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54	Technological Intervention for Smart Farming in paddy Fields.	Dr. T. Chinnadurai	Associate Professor, Department of Instrumentation and Control Engineering	Sri Krishna College of Technology, Kovaipudur, Coimbatore, Tamilnadu, India- 641042	
55	Automatization of Irrigation scheduling-IOT Solution	Dr. M. Uma Devi	Director	Professor Jayshankar Tenlangana State Agricultural University, Rajendranagar, Hyderabad Telangana, India-500030	Stamp IT Business Solutions
56	Artificial Intelligence & Machine Learning based syndromic surveillance in veterinary medicine - Prototyping Development	Dr. D. Sumathi,	Assistant Professor	Tamil Nadu Veterinary and Animal Sciences University	Bowand Baan Technology Solutions Private Limited
57	Development of Smart crop advisory interface for pomegranate to reduce losses using satellite data and machine learning	Dr. G. Manjunath	Assistant Professor	University of Horticultural Sciences, Bagalkot, Karnataka	Natura Crop Care
58	Development of Mobile application for Dissemination about Scientific Dairy Practices	Dr. Deepak Gangil	Assistant Professor	Nanai Deshmukh Veterinary Science University, Adharatal Jabalpur (M.P.)	DAVV, Indore
59	Development of Drone with Digital Technology for Agricultural Use	Dr. Rakesh Kumar	Scientist, Department of Entomology	Dr. Yashwant Sing Parmar University of Horticulture and Forestry, Nauni, Solan, Himachal Pradesh	**
60	Development of Single Window Cognitive Supply Chain Management System for organic agri products using IOT and ML	Dr. S. Tamil Selvi	Professor (Electronics and Communication Engineering) & Dean (Academic)	National Engineering College, K. R. Nagar, Kovilpatti, Thoothukudi District, Tamilnadu - 628503	WOTSAPP Technologies Pvt. Ltd.,

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61	Development of user friendly App for forecasting of foreign Body syndrome in dairy animals-Digital solution of dairy industry in western maharashtra	Dr. Suryawanshi Raviraj Vinayak	Assistant Professor/Hospital Registrar	Maharasta Animal & Fishery Sciences University, Nagpur, Futala Raod, Near Telangkhadi Temple, Nagpur -440004, Maharashtra	**
62	e-Solution For Enhancing the value chain in the Bundelkhand Region	Dr. Ashutosh Sharma	Assitant Professor	Rani Lakshmi Bai Central Agricultural University (RLBCAU), Jhansi, UP-284003	3SR Consultancy
63	Development of real-time crop health diagnostic module for enhancing profitability of small holders' farmers in Bihar	Dr. Srinivasaraghavan A.	Assitant Professor	Bihar Agricultural University, Sabour	Daybest Research Private Limited
64	Development of rapid diagnosis and pest management technology for selected crops through application of unmanned aerial vehicle	Dr D L Yadav	Assitant Professor	AU, Kota	OM UAV Systems
65	Development of A Prototype of Point of Care Cell Phone Based Diagnostic Microscope	Dr. Putty Kalyani	Assistant Professor & Head	PVNRTSVU	Neemus Software Solutions Pvt. Ltd.
66	Mobile Application for Animal Health Schedules Management	Dr. Ramya. B	Assitant Professor	PVNRTSVU	Neemus Software Solutions Pvt. Ltd.
67	Development of a mobile application for the stakeholders of the University	Dr. S. T. VirojiRao	Dean of Faculties	PVNRTSVU	Neemus Software Solutions Pvt. Ltd.
68	Supply Chain Management of Katarani Rice through IOT	Dr Ram Datt	Assitant Professor	Bihar Agricultural University, Sabour	Daybest Research Private Limited
69	Enhancing the availability of farm machinery to small holder farmers through digital interventions	Dr Ashok Kumar	Assitant Professor	Bihar Agricultural University, Sabour	Daybest Research Private Limited