

P R O F O R M A



1. Name of the Teacher : Dr. U. K. SHANWAD
2. Date of Birth : 10-05-1975
3. Designation and Place of work : Scientist (Agronomy)
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Agricultural Sciences,
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4. Telephone No. with STD Code (O) : 0836-2970246
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7. Educational Qualifications :

Degree	Year of Passing	Institution
B.Sc. (Agri.)	1997	University of Agricultural Sciences, Dharwad
M.Sc. (Agri.) in Agronomy	1999	University of Agricultural Sciences, Dharwad
Post Graduate Diploma in Rural Development (PGDRD)	2004	Indiragandhi National Open University, New Delhi
PhD in Agronomy	2006	University of Agricultural Sciences, Dharwad
Post Graduate Diploma in Agricultural Extension Management (PGDAEM)	2013	National Institute of Agricultural Extension Management (MANAGE), Hyderabad
Post Doctoral Training	2014	International Maize and Wheat Improvement Center (CIMMYT), Mexico

8. Professional Experience :

Sl. No.	Designation	From	To	Employer	Place of Work
1	Project Scientist	01-01-2002	15-08-2006	Director, Karnataka State Remote Sensing Applications Centre (KRSAC), Bangalore	KRSAC, Bangalore
2	Assistant Professor	16-08-2006	11-12-2006	Vice Chancellor, University of Agricultural Sciences, Dharwad	College of Agriculture, Dharwad
3	Research Associate	12-12-2006	12-02-2008	Vice Chancellor, University of Agricultural Sciences, Dharwad	College of Agriculture, Dharwad

4	Technical Officer	13-02-2008	20-10-2009	Vice Chancellor, University of Agricultural Sciences, Dharwad	Directorate of Research, UAS, Dharwad
5	Scientist (Agronomy)	21-09-2009	03-04-2017	Vice Chancellor, University of Agricultural Sciences, Raichur	AICRP on Sunflower, MARS, UAS, Raichur
6	Agronomist / Farm Superintendent	04-04-2017	15-01-2021	Vice Chancellor, University of Agricultural Sciences, Dharwad	Irrigation Water Management Research Center (IWMRC), Belavatagi
7	Scientist (Agronomy)	16-01-2021	25-05-2022	Vice-Chancellor University of Agricultural Sciences, Dharwad	AI-NPOF, Institute of Organic Farming, University of Agricultural Sciences, Dharwad
8	Principal, Diploma (Agri) College	26-02-2022	31-01-2023	Vice-Chancellor University of Agricultural Sciences, Dharwad	Diploma (Agri) College, Konnur Tq: Naragund Dt: Gadag
9	Assistant Professor	01-02-2023	31-05-2023	Vice-Chancellor University of Agricultural Sciences, Dharwad	College of Agriculture, Hanumanamatti 581 115 Tq: Ranibennur Dt: Haveri
10	Scientist (Agronomy)	01-06-2023	Till date	Vice-Chancellor University of Agricultural Sciences, Dharwad	Scientist (Agronomy) ICAR-Krishi Vigyana Kendra (KVK), Dharwad

9. Area of Specialization :Agronomy of field crops, Precision Agriculture, Climate Change and its effect on Agriculture, RS & GIS in NRM, Watershed Management, Cropping Integrated Farming Systems Design, Irrigation water management in field crops.

10. Visits abroad :

S.No.	Country	From	To	Purpose
01	CIMMYT, Mexico	01-01-2014	31-03-2014	Post-Doctoral research at CIMMYT, Mexico.
02	Obregon, Mexico	22-03-2014	28-03-2014	Attended and presented research paper during the BGRI 2014 Technical Workshop and Borlaug Summit on Wheat Rust for Food Security.

03	France	07-09-2015	10-09-2015	Attended and presented research paper during 5 th International Symposium on Farming Systems Design.
04	Turkey	29-05-2016	03-0-2016	Attended and presented research paper during 19 th International Sunflower Conference.
05	USA	12-07-2023	29-09-2023	Attended the International faculty development programme under ICAR, NAHEP, Institutional Development Plan (IDP) at New Mexico State University, Clovis, USA.

10. Post graduate students guided as Chairman :

S.No.	Degree	Number Completed
1.	M.Sc.	07
2.	Ph.D.	--

11. List Outside funded *Ad-hoc* Projects handled:

Sl. No	Title of the Project	PI / Co-PI	Funding Agency	Period	Outlay (Rs. in lakhs)
1	NABARD assisted watershed prioritization project	Co-PI	NABARD	2002- 2003	50
2	State Natural Resource Information System (SNRIS)	Co-PI	Govt. of Kamataka	2002- 2004	100
3	World Bank assisted Sujala watershed project	Co-PI	World Bank	2002- 2003	1000
4	Digital data base creation and impact assessment of DANIDA assisted Karnataka Watershed Development Project (KWDP) using Remote Sensing and GIS Techniques	Co-PI	Dept. of Agriculture. GOK	2003- 2005	50
5	Farmers Participatory management of necrosis and powdery mildew of sunflower with new technological interventions	Co-PI	GOK, Bangalore	2009-10 to 2010-11	2.50
6	Bio-intensive management of grain discoloration in Paddy in Tungabhadra Project Area	Co-PI	GOK, Bangalore	2010-2012	3.40
7	Cereal System Initiative for South Asia (CSISA)- Karnataka Satellite Hub	Co-PI	CIMMYT	-2012	20.00
8	Precision farming techniques in selected field crops of UAS, Raichur	Co-PI	RKVY,GOK Bangalore	2012 -2014	200.10
9	Implementation of tribal sub plan (TSP) for promotion of sunflower production technologies	Co-PI	DOR, Hyderabad	2011-20 14	17.00
10	Monitoring the distillery spent was utilization for ferti-irrigation and its impact on soil, ground water and crops	Co-PI	RKVY,GOK Bangalore	2012- 2014	18.49

11	Study on evaluation of bio-efficacy of PIH 625 14% SE in direct seeded rice	PI	PII, Gurgaon	2012 -2014	5.26
12	Promotion of integrated farming systems	Co-PI	RKVY,GOK Bangalore	2016 -2017	1.50
13	Effect of climate change on important crops of Hyderabad Karnataka Region	Co-PI	RKVY,GOK Bangalore	2013 -2017	200.00
14	Developing, targeting and creating evidence for climate smart agriculture practices portfolios for diversity of farming systems in Karnataka, India.	PI	CIAT, Mexico	-2019	12000 US \$
15	Enhancing water use efficiency using micro irrigation systems in major crops in Malaprabha left bank canal of command areas of Northern Karnataka.	Co-PI	RKVY,GOK Bangalore	-2019	99.00

12. Technologies Developed:

SI No	Name of Technology	PI/Co-PI/Associate
1	Release of improved Sunflower variety RSFV-901	Collaborator
2	Seed treatment with Thiamethoxiam 35 FS against Sunflower sucking pest management	Collaborator
3	Management of Sunflower defoliators by spraying Indoxcarba 14.5 SC @0.3 ml/lit or Spinosad 45 SC @0.1 ml/lit of water	Collaborator
4	Revalidation of RDF in Sunflower	PI
5	Management of Bellary Jali (<i>Prosopis juliflora</i>)	PI
6	Inclusion of Linseed chapter	Collaborator
7	Chickpea + Linseed (4:2) intercropping system	Co - PI
8	Development of sunflower hybrid RSFH - 1187	Co - PI
9	Weed management in sunflower by using Propaquizofop 10% EC	PI
10	Safflower variety Annigeri-2020 (ANG-17-102)	Co-PI
11	Application of Zn and S with INM in cotton.	Co-PI
12	Tillage requirement for sunflower in paddy fallows	PI
13	Production techniques for sunflower in saline soil	PI
14	Adoption of Safflower variety DASF-1 for Zone 3 and 8 of Karnataka	Collaborator
15	Chickpea variety JAKI-9218 for Organic Farming	PI
16	Wheat variety UAS-446 for Organic Farming	PI

13. Awards / honours received during the service (Please do not mention gold medals /fellowships received during study)

Sl No	Name of the Award	Agency Awarding	Year	Award For
1	Best PhD thesis	Indian society of Agronomy New Delhi	2006	Best Ph.D. Research work
2	Rahul Gandhi Young Achievers Award	Shree Laxmi Institute for Women and Rural Development, Dharwad	2007	Research in Agriculture field
3	IPNI Photo Contest Award – 2 nd Prize in Phosphorus	International Plant Nutrition Institute	2014	IPNI Photo Contest Award
4	Best Poster Award	Karnataka State Science and Technology Academy, Department of IT and BT, Govt of Karnataka, Bengaluru	2014	The research paper on "Mesta (<i>Hibiscus cannabinus</i> L.): A best candidate for Bio-diesel"
5	Best Paper Presentation Award	International Symposium New-Dimensions in Agro-meteorology for Sustainable Agriculture” held during 16-18 th October, 2014 at Pantnagar, India.	2014	The research paper entitled "Soil heterogeneity at the field scale: a challenge for precision agriculture in India"
6	Best Poster Presentation Award	Karnataka State Science and Technology Academy, Department of IT and BT, Govt of Karnataka, Bengaluru	2016	The research paper entitled "Climate change: Is it really affecting food and nutritional security?"
7	Best Poster Award	UAS, Dharwad	2017	The research paper entitled “Application of Remote sensing and GIS in watershed management”
8	Best poster presentation with a cheque of Rs. 7,500/-	Karnataka State Science and Technology Academy, Department of IT and BT, Govt of Karnataka, Bengaluru and Karnataka University, Dharwad and Regional Science Center, Dharwad	2018	The research paper entitled “Application of Remote sensing and GIS in command area assessment”
9	Best Centre of All India Network Programme on Organic Farming (AI-NPOF), UAS, Dharwad	ICAR- Indian Institute of Framing Systems Research, Modipuram, Meerat	2021-22	For conducting best research trials on organic farming.
10	Best research paper presentation awards	Different National and International Organizations / Universities / Professional Societies	2014, 2016, 2017, 2018, 2019, 2020, 2021, 2022 and during 2023.	Both for Oral and Posters presentations.

14. Publications

S.No	Type	Number
1.	Full length papers published	60
2.	Short notes published	10
3.	Abstracts / Conference Presentation	90
4.	Books / Chapters in Books	11
5.	Popular Articles	41
6.	Bulletins / Leaflets and Brochures	34

15. List of research papers published in referred journals:

Sl. No.	Name of author & Title of the publication	Name of the journal	Year and Volume of publication with page	Journal NAAS/Impact Factor & Number of Citations
1	U. K. Shanwad, C.A. Agasimani, H.T.Channal, Y.B.Palled and B.C.Patil. Economics of Integrated Nutrient Management in Sunflower + Pigeonpea Intercropping System,	<i>Karnataka Journal of Agricultural Sciences</i>	2001, 14 (3), 762 – 766.	NAAS : 4.58 Impact factor: -- Citations' : 06
2	U. K. Shanwad and C. A. Agasimani. Nutrient Management in Sunflower + Pigeonpea intercropping system in Vertisols	<i>Journal of Oilseeds Research</i>	2001, 24(1), 195-196.	NAAS : 4.59 Impact factor: Citations' :
3	U. K. Shanwad, V. C. Patil and H. Honne Gowda. Precision Farming Dreams and Realities for Indian Agriculture	http://www.gisdevelopment.net/application/agriculture/overview/m:04115c.htm .	2007	NAAS : -- Impact factor: -- Citations' : 51
4	UK Shanwad and CA Agasimani. Nutrient management in sunflower-pigeonpea intercropping system in vertisols	<i>Journal of Oilseeds Research</i>	2007, 24 (1), 195.	NAAS : 4.59 Impact factor: -- Citations' : 51
5	U. K. Shanwad, V. C. Patil, H. Honne Gowda, A. D. Janawade, G. S. Dasog and K. C. Shashidhar. Application of remote sensing technology for impact assessment of watershed development programme.	<i>Journal of Indian Society of Remote Sensing</i>	2008, 36: 375-386.	NAAS : 7.56 Impact factor: 1.894 Citations' : 32
6	U. K. Hulihalli., V. C. Patil., N. K. Biradar Patil., K. G. Parameshwarappa., R. H. Patil and U. K. Shanwad. Performance of integrated nutrient management in Cotton (<i>Gossypium herbaceum</i>) under rainfed conditions.	<i>Journal of Oilseeds Research</i>	2009, Vol 26(Special Issue), pp: 352-353.	NAAS : 4.59 Impact factor: -- Citations' :
7	U. K. Shanwad, C. A. Agasimani, U. V. Mummigatti, K. G. Parameshwarappa and P. M. Salimath. Integrated Nutrient Management in Sunflower + Pigeonpea Intercropping System in Transitional Zone of North Karnataka.	<i>Journal of Oilseeds Research</i>	2009, Vol 26(Special Issue), pp: 656-658.	NAAS : 4.59 Impact factor: -- Citations' : 02
8	U. K. Shanwad, S Rajkumar, U. K. Hulihalli, U. V. Mummigatti and B. N. Aravindkumar. Performance of Maize + Pigeonpea intercropping system under rainfed conditions of North Karnataka,	<i>Current Advances in Agricultural Sciences (An International Journal)</i>	2009, 1(1), pp: 21-23.	NAAS : 5.12 Impact factor: -- Citations' : 02
9	C. A. Agasimani, U. K. Shanwad, B. N. Aravindkumar, S. D. Shivamurthy, Ashok Surwenshi and B. R. Jalageri. Integrated weed management (IWM): A long term case study in Groundnut – Wheat cropping system in	<i>Research Journal of Agricultural Sciences</i>	2010, 1(3), pp: 196-200.	NAAS : 4.50 Impact factor: -- Citations' : 18

	Northern Karnataka.			
10	U. K. Shanwad , B. N. Aravindkumar, U. K. Hulihalli, Ashok Surwenshi, Mahadev Reddy and B. R. Jalageri. Integrated Nutrient Management (INM) in Maize – Bengalgram cropping system in Northern Karnataka.	<i>Research Journal of Agricultural Sciences</i>	2010, 1(3), pp: 252-254.	NAAS : 4.50 Impact factor: -- Citations' : 31
11	U. K. Shanwad , Ashok Surwenshi, Vinodkumar and B. R. Jalageri. Principles and practices of composting.	<i>Research Journal of Agricultural Sciences</i>	2010, 1(3), pp: 292-294.	NAAS : 4.50 Impact factor: -- Citations' :
12	B. N. Arvind Kumar, S. N. Bhat and U. K. Shanwad . Effect of Micronutrients on growth and yield in sunflower (<i>Helianthua annuus</i>),	<i>Current Advances in Agricultural Sciences (An International Journal)</i>	2010, 2(1), pp: 51-52.	NAAS : 5.12 Impact factor: -- Citations' : 10
13	BR Jalageri, BB Channappagoudar, HT Nakul, Ashok Surwenshi, UK Shanwad . Allelopathic effect of aqueous extracts of weed species on germination and seedling growth of some crops.	<i>Current Advances in Agricultural Sciences (An International Journal)</i>	2010, 2(2), 120-122.	NAAS : 5.12 Impact factor: -- Citations' : 02
14	UK Shanwad , BN Aravindkumar, BR Jalageri, Surwenshi Ashok, Reddy Mahadev. Climate change and perspectives for Indian agriculture.	<i>Asian Journal of Environmental Science</i>	2010, 5(2), 185-191.	NAAS : 2.41 Impact factor: Citations' : 01
15	Ashok Surwenshi, Vinod Kumar, U. K. Shanwad and B. R. Jalageri. Critical Review of Diversity in <i>Jatropha curcas</i> for Crop Improvement : A Candidate Biodiesel Crop.	<i>Research Journal of Agricultural Sciences</i>	2011, 2(2), pp: 193-198.	NAAS : 4.50 Impact factor: -- Citations' : 22
16	U. K. Shanwad , H. Honne Gowda, D. K. Prabhuraj K. Ashoka Reddy, B. P. Laxmikanth. Impact assessment of watershed programme through remote sensing and GIS.	<i>Journal of Indian Society of Remote Sensing</i>	2011, Published online: 28 December	NAAS : 7.56 Impact factor: -- Citations' : 16
17	U. K. Shanwad , V. C. Patil H. Honne Gowda, G. S. Dasog K. C. Shashidhar. Generation of Water Resources Action Plan for Medak Nala Watershed in India Using Remote Sensing and GIS Technologies.	Australian Journal of Basic and Applied Sciences	2011, 5(11): PP. 2209-2218.	NAAS : -- Impact factor: 0.44 Citations' : 13
18	Govindappa M. R., Shanwad U. K. , Shankergoud I., Pramod Katti, Vikas Kulkarni, Bheemanna, Hosamani A. K. and Rangaswamy K. T. Whitefly (<i>Bemisia tabaci</i>) mediated begomovirus leaf curl disease; an emerging viral disease in Sunflower.	<i>Journal of Oil Seed Research</i>	2012, (MS No.56/11).	NAAS : 5.59 Impact factor: -- Citations' : --
19	MB Patil, UK Shanwad , H Veeresh, BG Mastan Reddy, R BG, S NL, Precision agriculture initiative for Karnataka: A new direction for strengthening farming community.	<i>Scholarly Journal of Agricultural Sciences</i>	2013, 3 (10), 445-452	NAAS : -- Impact factor: -- Citations' : 03
20	U. K. Shanwad , V. C. Patil, H. Honne Gowda and K. C. Shashidhar. Remote Sensing and GIS for Integrated Resource Management Policy – A Case Study in Medak Nala Watershed, Karnataka, India.	<i>American-Eurasian Journal of Agriculture and Environmental Sciences.</i>	2014, 12 (6): 790-806.	NAAS : -- Impact factor: 0.86 Citations' : 08
21	Sheshaiah, I Shanker Goud, V Vikas Kulakarni and U K Shanwad . Screening Genotypes for Moisture Stress Tolerant Root Traits in Sunflower (<i>Helianthus annuus</i> L.).	<i>Research Journal of Agricultural Sciences</i>	2014, 5(4): 650-654	NAAS : 4.50 Impact factor: Citations' : 01
22	S. Rajkumara, U.K. Shanwad , Ivan Ortiz Monasterio and M.L. Jat. Long term nutrient management in Maize (<i>Zea mays</i>) and Chickpea (<i>Cicer arietinum</i>) cropping system under irrigated condition in	<i>American International Journal of Contemporary Scientific Research</i>	2015, 2(3): 1-12.	NAAS : -- Impact factor: -- Citations' : --

	India: A case study.			
23	Tegegnetwork G. W., Shanwad U. K2, Desai B. K., Koppalakkar B. G.2, Shankergoud I and Wubayehu G. W. Response of soil test crop response (STCR) approach as an optimizing plant nutrient supply on yield and quality of Sunflower (<i>Helianthus annuus</i> L.).	<i>African Journal of Agricultural Research</i>	2015, 10(29), pp. 2855-2858	NAAS : -- Impact factor: 0.50 Citations' : 01
24	B. Ramesh, B. Sanjeeva Reddy, M. Veeranagouda, M. Anantachar, H. Sharanagouda and U. K. Shanwad. Properties of cotton seed in relation to design of a pneumatic seed metering device	<i>Indian Journal of Dryland Agricultural Research and Development</i>	2015, 30(01), pp. 69-76.	NAAS : -- Impact factor: -- Citations' :11
25	Shwetha G, B. Maheshwara babu, B. S. Polisgowdar, G. V. Srinivas Reddy & U. K. Shanwad. Estimation of surface runoff in Timmapur Watershed using SCS-CN method.	<i>International Journal of Agricultural Science and Research</i>	2015, 5 (6), 1-8.	NAAS : -- Impact factor: 0.583 Citations' :05
26	Tegegnetwork Gebremedhin, Shanwad U. K, Desai B. K., Shankergoud I. Wubayehu Gebremedhin. Soil test Based Nutrient Management for Sunflower (<i>Helianthus annuus</i> L.): Analysis of Growth, Biomass, Nutrient uptake and soil nutrient status.	<i>Journal of Biology, Agriculture and Healthcare</i>	2015, 5 (15), 120-122.	NAAS : -- Impact factor: -- Citations' : 04
27	U. K. Shanwad, B. M. Chittapur, S. N. Honnalli, I. Shankergoud and Tegegnetwork Gebremedhin. Management of Prosopis juliflora through Chemicals: A Case Study in India.	<i>Journal of Biology, Agriculture and Healthcare</i>	2015, 5 (23)	NAAS : -- Impact factor: -- Citations' : 09
28	Tegegnetwork Gebremedhin, Shanwad U. K, Wubayehu Gebremedhin and A. Anantha Rama. Efficacy of Foliar Nutrition on Vegetative and Reproductive Growth of Sunflower (<i>Helianthus Annuus</i> L.).	<i>Global Journal of Science Frontier Research</i>	2015, 15 (09)	NAAS : -- Impact factor: -- Citations' : --
29	I. Shanker Goud, Vishwanath Biradar, B. S. Janagoudar, U. K. Shanwad and A. G. Sreenivas. Implications of rainfall distribution pattern and its variability for crop planning of crops - a study in north eastern transitional zone of Karnataka.	<i>Karnataka Journal of Agricultural Sciences</i>	2015, Special Issue 28 (5): 746-752.	NAAS : 4.58 Impact factor: -- Citations' : 03
30	U. K. Shanwad, I. Shankergoud, B. S. Janagaoudar, A. G. Srinivas and Vishwanath Biradar. Influence of seasonal and annual rainfall variability on crop planning in north eastern dry zone (Zone-2) of Hyderabad Karnataka Region.	<i>Karnataka Journal of Agricultural Sciences, Special Issue</i>	2015, 28 (5), 768-770.	NAAS : 4.58 Impact factor: -- Citations' : 02
31	U. K. Shanwad, S. D. Dabali, G. V. Naik, S. Rajkumar, S. G. Patil, Yogesh Kumar, R. K. Gupta and M. L. Jat. Resource conservation technologies in direct-seeded rice: a tool for climate resilient agriculture in hilly region of Karnataka.	<i>Karnataka Journal of Agricultural Sciences</i>	2015, Special Issue 28 (5), 792-796.	NAAS : 4.58 Impact factor: -- Citations' : 01
32	U. K. Shanwad, I. Shankergoud, Vikas Kulkarni, M. R. Govindappa and V. N. Ghante. Adaptations to climate change: use of polymer hydrogel to mitigate biotic stress in sunflower.	<i>Karnataka Journal of Agricultural Sciences</i>	2015, Special Issue 28 (5), 83-836.	NAAS : 4.58 Impact factor: -- Citations' : 02
33	Mallikarjuna Swamy, M. R. Umesh, N. Ananda, U. K. Shanwad, A. Amaregouda and N. Manjunath. Precision nitrogen management for rabi sweet corn (<i>Zea mays saccharata</i> L.) through decision support tools.	<i>Journal of Farm Sciences (Formerly Karnataka Journal of Agricultural Sciences)</i>	2016, 29(1) 14-18	NAAS : 4.58 Impact factor: -- Citations' :17
34	Shwetha G, B. Maheshwara Babu, G. V. Srinivas Reddy, K. T. Aruna & U. K.	<i>International Journal of Agricultural Science</i>	2016, 6 (3)	NAAS : -- Impact factor: 0.583

	Shanwad. Soil loss estimation through mathematical Models using GIS and Remote Sensing techniques	<i>and Research (IJASR)</i>		Citations' :--
35	Sahebgoud, N. Patil., B. Maheshwara Babu., G. V. Srinivasa Reddy., B. S. Polisgowdar and U. K. Shanwad. Characterization of geomorphic features of Devasugurnala watershed at Krishna basin of Karnataka using Geographical Information System.	<i>Indian Journal of Soil Conservation</i>	2016, 44(2), 185-190.	NAAS : 5.28 Impact factor: -- Citations' : 01
36	Mallikarjuna, B. Maheshwara Babu, U. Satishkumar, G.V. Srinivasa Reddy, S.R. Balanagoudar and U.K. Shanwad. Identification of Groundwater Recharge Potential Zones for Devasugur nala Watershed Using Remote Sensing and GIS in Raichur District, Karnataka.	<i>International Journal of Scientific & Engineering Research</i>	2017, 8(5): 997-1007.	NAAS : -- Impact factor: -- Citations' :--
37	Aruna K.T. , Satish Kumar U. , Ayyana gowdar M.S.,Srinivasa Reddy G.V. and Shanwad U. K. Estimation of crop coefficient (Kc) values for groundnut crop with evaluated crop evapotranspiration at different moisture deficit levels under agro climatic condition of Raichur, Karnataka.	<i>Green Farming</i>	2017, 8 (5) : 1161-1164	NAAS : 3.85 Impact factor: -- Citations' :--
38	Adishesha,K., Janagoudar, B.S., Amaregouda, A., Shanawad, U. K. and Chandranaik, M., Morphological Characters of Maize (<i>Zea mays</i> L.) Genotypes to Elevated Carbon Dioxide and Temperature Regimes.	<i>International Journal of Pure and Applied Biosciences</i>	2017, 5(5):163-170.	NAAS : -- Impact factor: -- Citations' :--
39	Meghashree Meti, Mallikarjun Kenganal, D.S. Aswathanarayana, Gururaj Sunkad and U.K. Shanwad. Response of Host Resistance in Mungbean Cultivars against Yellow Mosaic Disease Caused by Mungbean Yellow Mosaic Virus (MYMV).	<i>International Journal of Current Microbiology and Applied Sciences</i>	2017, 6(10): 1559-1565.	NAAS : -- Impact factor: -- Citations' :--
40	Meti, Meghashree, Kenganal, Mallikarjun, Sunkad, Gururaj, Aswathanarayana, D.S. and Shanwad, U.K.. Spatial variability of mungbean yellow mosaic virus (MYMV) in North Eastern Karnataka	<i>International Journal of Plant Protection</i> DOI : 10.15740/HAS/IJPP/10.2/420-428.	2017; 10(2) : 420-428	NAAS : Impact factor: 1.90 Citations' : 04
41	Prasanna S. Pyati, B.M. Chittapur, A.S. Halepyati, U.K. Shanwad, S.N. Bhat and M.R. Umesh. Realization of Target Yield in Bt Cotton (<i>Gossypium hirsutum</i>) with Different Methods of Establishment under Varied Dates of Planting.	<i>International Journal of Current Microbiology and Applied Sciences</i>	2017, 6(11): 3005-3010.	NAAS : 5.55 Impact factor: -- Citations' : 02
42	K.T. Aruna, U. Satish Kumar, G.V. Srinivasa Reddy, A. Amare Gowda and U.K. Shanwad. Water Use Efficiency, Yield and Crop Coefficient (Kc) of Groundnut Crop at Different Water Regimes under Agro Climatic Condition of Raichur, Karnataka, India.	<i>International Journal of Current Microbiology and Applied Sciences</i>	2017, 6(12): 1956-1963.	NAAS : 5.55 Impact factor: -- Citations' :--
43	K. Adishesha, B. S. Janagoudar, A. Amaregouda, U. K. Shanawad, and M. Chandranaik. Bio-physical characters of maize (<i>Zea mays</i> L.) genotypes to elevated carbon dioxide and temperature regimes.	<i>Agriculture Update</i>	2017, 5(5):1126-1232.	NAAS : -- Impact factor: -- Citations' :--
44	Santosh Javoor, Shanwad, U. K., M R.Umesh,Mallikarjun Kenganal, A. S. Halepyati and I. Shankergoud. Impact of climate change on nutritional quality of Maize and groundnut types.	<i>Journal of Farm Sciences</i>	2018, 31(3):271-274.	NAAS : 4.58 Impact factor: -- Citations' : 01
45	M R. Umesh., Mallikarjun Swamy., N. Ananda., Shanwad, U. K., B. M Chittapur., B.K. Dsesai and Sangu Angadi. Nitrogen application based on decision support tools to	<i>Indian Journal of Agronomy</i>	2018, 63(3):331-336.	NAAS : 5.55 Impact factor: -- Citations' : 08

	enhance productivity, NUE and quality of Sweet corn,			
46	BD Premanand, BS Poligowsar, NL Rajesh, UK Shanwad , P Balakrishnan. Runoff and soil erosion modelling for sustained development of land and water resources under watershed concept	<i>Journal of Pharmacognosy and Phytochemistry</i>	2018, 7 (1), 87-101.	NAAS : 5.55 Impact factor: -- Citations' : --
47	Meghashree Meti, Mallikarjun Kenganal, DS Aswathanarayana, UK Shanwad, Gururaj Sunkad. Mechanical Transmission and Physical Properties of Mungbean Yellow Mosaic Virus (MYMV).	<i>International Journal of Current Microbiology and Applied Sciences</i>	2018, 7 (3), 1903-1909.	NAAS : 5.55 Impact factor: -- Citations' : --
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16. H Index: 11

17. Brief self-introduction: (100 words only):

I am presently working as a Scientist (Agronomy), ICAR-Krishi Vigyana Kendra (KVK), at the University of Agricultural Sciences, Dharwad. Before joining UAS, Dharwad during 2017, I was worked as Scientist (Agronomy) at AICRP on Sunflower at UAS, Raichur from 2009 to 2017 and before that at Karnataka State Remote Sensing Applications Center (KSRSAC), Bangalore worked as a Project Scientist from 2002 to 2006. My area of interest mainly focuses on precision agriculture, climate change and its effect on agriculture crops, application of remote sensing and GIS in natural resource management, pressurized methods of irrigation including fertigation, drip automation, farming systems etc.

Date: 21-08-2023

Place: Dharwad

(U. K. Shanwad)