

RKDF University, Bhopal
Faculty Profile



Basic Information				
Name	Dr. Shiv Singh Basediya			
Date of Birth	01/01/1985			
Designation	Assistant Professor			
Department	Agricultural Engineering (Soil and Water Engineering)			
Experience	6 Years & 11 Months			
Email ID	singh.shiv154@gmail.com			
Contact No	9893121991 & 9424300372			
Educational Qualifications				
Description	Year	%	Institute/University	
(UG)- B. Tech. (Agril. Engg.)	2010	60.78	MGCGVV Chitrakoot Satna (M.P.)	
(PG)- M. Tech. (Agril. Engg.) SWCE	2012	64.88	SHIATS Allahabad (U.P.)	
M. Phil.				
(Ph. D.)- (Agril. Engg.) SWE	2018	68.80	JNKVV Jabalpur (M.P.)	
Post Doctorate				
NET Qualified/GATE	2018	Qualified	ASRB - ICAR	
Experience Detail				
Experience (Teaching/Research)	Designation	Duration		Name of Institute/University
		From	To	
Teaching	Assistant Professor	02/07/2018	Till date	RKDF University, Bhopal
Publications				
No. of Papers Published (Attach Annexure of papers published in peer-reviewed or refereed journals)				08

No. of Books Published			-
Books Chapters Published			02
No. of Patents Published/Grant			02
Ph. D/M. Phil Project supervised			
Research Program	Award	Under Supervision	Name of University
Ph. D (Provide detail i.e. name, title etc)	-	-	-
M. Phil	-	-	-
PG Thesis/Dissertation	-	-	-
Area of Expertise (100 words)			
Soil and Water Conservation Technology, Enhancing Water Productivity and Cropping Intensity, Water Harvesting, Irrigation: Design and Development of various irrigation systems and Watershed Management.			
Award and Achievement			
Name of Award	Description (With certified of Copy award)		
National	-		
International (3)	1. Young Professional Award, 2. Young Scientist 3. Award and Best Thesis Award		
Conference/Seminar/Workshops/FDP			
Description			No.
Conference/Seminar p a p e r presentation			02
Conference/Seminar attended/ organized			04
Work shop attended/ organized			02
FDP Attended/ organized			02
Research Project			
Name of Project	Funding Agencies	Amount	
	-	-	

- **Any other Achievement**

PUBLICATION

1. **Shiv Singh Basediya**, S.K. Pyasi, R.N. Shrivastava and S.K. Sharma (2017). A Review on Feasibility of Pressurized Irrigation, in Canal Command Area, International Journal of Agricultural Science and Research(IJASR) ISSN (P): 2250-0057; ISSN (E): 2321-0087, 7(6): 259-264. (NAAS: 4.13).
<https://journals.indexcopernicus.com/api/file/viewByFileId/191499>
2. **Shiv Singh Basediya**, S.K. Pyasi, R.N. Shrivastava and S.K. Sharma (2018). Feasibility of Pressurized Irrigation in Canal Command Area of Samrat Ashok Sagar Project a Case Study. International Journal of Current Microbiology and Applied Sciences, *ISSN: 2319-7706*, 7(02): 1540-1546. (NAAS: 5.38). <https://doi.org/10.20546/ijemas.2018.702.185>
3. **Shiv Singh Basediya**, S. K. Pyasi and R. N. Shrivastava (2018). Irrigation Planning in Canal Command Area of Samrat Ashok Sagar Project- A Case Study, International Journal of Agriculture Sciences, *ISSN:0975-3710*, 10(4): 5187-5191. (NAAS: 4.58). DOI : <http://dx.doi.org/10.9735/0975-3710.10.4.5187-5191>
4. **Shiv Singh Basediya**, S. K. Pyasi and R. N. Shrivastava (2018). A Study on Farmer Response for Technical Intervention in Canal Command Area of Samrat Ashok Sagar Project, International Journal of Current Microbiology and Applied Sciences, *ISSN: 2319-7692*, 7(03): 3387-3401. (NAAS: 5.38). doi: <https://doi.org/10.20546/ijemas.2018.703.391>
5. **Shiv Singh Basediya**, S. K. Pyasi and R. N. Shrivastava (2018). Evaluation of Performance Indicators for Canal Command Area of Samrat Ashok Sagar Project Vidisha District M.P, "International Journal of Agricultural Engineering" *ISSN: 0976-7223*, 11(01): 249-253 (NAAS: 4.43). DOI: [10.15740/HAS/IJAE/11.1/244-248](https://doi.org/10.15740/HAS/IJAE/11.1/244-248)
6. **S. S. Basediya**, Satish K. Singh, Mahendra Jadia, Akhilesh Solanki, C. J. Wesley and Jitendra Bairwa (2018). Development of Autoregressive Time Series Model for Prediction of Runoff in Kachhinda Watershed Morena, Indian Journal of Pure & Applied Biosciences. ISSN (E) : 2582-2845, 6 (1): 171-178. (NAAS: 4.74).
<https://www.ijpab.com/form/2018%20Volume%206,%20speissue%201/IJPA-B-SPE-2018-6-1-171-178.pdf>
7. **S. S. Basediya**, S. K. Pyasi¹, Akhilesh Solanki¹, Ashok Kumar and R. N. Shrivastava (2018). Assessment of Existing Water Productivity and Cropping Intensity of Right Bank Canal Command of Samrat Ashok Sagar Project of Vidisha District, Madhya Pradesh, India, Current Journal of Applied Science and Technology. ISSN:2457-1024, 32(5): 1-9. (NAAS: 4.71).
<https://doi.org/10.9734/CJAST/2019/44185>.
8. **Shiv Singh Basediya**, Mahesh Tripathi and Rishi Pathak, (2023). Estimation of Runoff Using USDA SCSCurve Number and Autoregressive Time Series Model Parameters for Kachhinda Watershed, Morena District, Madhya Pradesh, India, International Journal of Environment and Climate Change.

ISSN: 2581-8627, 13(10): 2939-2948, (NAAS-5.13)
<https://doi.org/10.9734/ijecc/2023/v13i102960>.

INTERNATIONAL CONFERENCE

1. Janparishad, EPCO, JMBVSS, International Conference on “Science and Environmental Sustainability for a peaceful society”. 19th -21st January 2019 Bhopal (M.P.) India: pp 64-65.
2. RKDF University Bhopal, International Conference on “Advance in Agriculture and Allied Science Technologies for Sustainable Development” Organized at Prof. G. Ram Reddy Centre for Distance Education, Osmania University, Hyderabad Telangana, India on 10th & 11th February 2018.
3. G.H. Rasoni University Saikheda, International Conference, Paper Presentation entitled “Planning and Design Suitable Soil and Water Conservation Measures Based on Rainfall of Taravali Micro Watershed Bhopal”, 5th -7th Oct. 2023

NATIONAL CONFERENCE

1. RKDF University Bhopal, National Seminar on "Gender Discrimination in India" Organized by Faculty of Law, RKDF University, Bhopal (MP) and Madhya Pradesh Rajya Mahila Aayog, Bhopal, 17 March 2023
2. M.P. Govt. Workshop, Panchayat and Village Development Department Organized by Karyalay Kshetriya Village Development and Panchayat Training Centre Barkhedi Kala, Bhopal, 16th -18th Feb. 2023.
3. National Seminar on “Emerging Agriculture Technology for Enhanced Production & Productivity of Crops” organized by Faculty of Agriculture, RKDF University Bhopal, on 13 October 2023.
4. RKDF University Bhopal, One day Seminar on “Goods and Services Tax (GST) in India: Opportunities and Challenges” on 02/05/2023.
5. National Seminar on “India moving towards Natural/Organic Farming to Improve Soil Health and Crop Productivity” organized by Faculty of Agriculture, RKDF University Bhopal, during 25th & 26th March 2025.

AWARDS

1. Young Professional Award: Genesis Urban Rural Development Society Hyderabad, Telangana. International Conference on Advances in Agriculture and Allied Science Technologies for Sustainable Development-2018
2. Young Scientist Award: Agricultural Technology Development Society (ATDS). Advances in Agricultural, Biological and Applied Sciences for Sustainable Future (ABAS - 2018).
3. Best Thesis Award: Society for Scientific Development in Agriculture & Technology. International Conference on Global Research Initiatives for sustainable Agriculture & allied 2018.

PATENTS

1. Dr. Sunil Patil, Dr. Ravi K S Pippal, Dr. Rajesh K Sharma, Dr. Puneet Dwivedi, Dr. Suchi Gangwar, **Dr. Shiv Singh Basediya** and Vishal Shrivastava (2022), Intelligent Water Management Process of Drip Irrigation Using IOT, Office of the Controller General of Patents, Designs & Trade Marks Department of Industrial Policy & Promotion, Ministry of Commerce & Industry, Govt. of India, application no. 202121048051.
2. Dr. Ravi K S Pippal Dr. Sunil Patil, Dr. Rajesh K Sharma, Dr. Puneet Dwivedi, Dr. Suchi Gangwar, **Dr. Shiv Singh Basediya** and Vishal Shrivastava (2022), An Intelligent Resource Management Techniques for use at Home-an Eco-Friendly Approach, Office of the Controller General of Patents, Designs & Trade Marks Department of Industrial Policy & Promotion, Ministry of Commerce & Industry, Govt. of India, application no. 202121061606.

BOOK CHAPTERS

"Advanced Innovative Technologies in Agricultural Engineering for Sustainable Agriculture (Volume - 5)" Akinik Publications New Delhi.

1. Dr. Shiv Singh Basediya Dr. Mahendra Bele and Ravi Singh (2022). "Soil Erosion Mitigation Techniques" ISBN: 978-93-5570-439-9 : 35-49
2. Dr. Shiv Singh Basediya and Ravi Singh. (2022). "Innovations in Soil and Water Conservation Techniques" ISBN: 978-93-5570-439-9: 65-75

FACULTY DEVELOPMENT PROGRAM (FDP)

1. Dr. Shiv Singh Basediya (2024), Faculty Development Program on "Climate Change and Its Impact on Agriculture" Joingly organized by the Department of Environment Sciences and Department of Agriculture Sciences. SRM University Delhi-NCR, during 05/08/2024 to 11/08/2024
2. Dr. Shiv Singh Basediya (2025), Faculty Development Program on "Nutrition and Organic Kitchen Gardens for Nutrition, Development and Management" Joingly organized by the Faculty of Agriculture and Sahayak Trust, Mumbai during 24/02/2025 to 28/02/2025.