



**Personal Information**

Name	:	<b>Dr. Mohd. Arif</b>
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Qualification	:	Ph. D. (Agronomy)
Discipline and specialization	:	Agronomy Forage Production, Water Management, Nutrient Management, Agroforestry and pasture Management, Cropping Systems, Resource Management etc.
Training/ advance exposure (5-6 lines only)	:	<ul style="list-style-type: none"> <li>• Attended 21 days winter school training programme on “Artificial Intelligence for Water Resource Management in Agriculture” at PAU, Ludhiana.</li> <li>• Attended 5 days training programme on “Nature Positive Farming in view of Climate Change and Food Security” at ICAR-IIFSR, Modipuram.</li> </ul>

**Professional Information**

Major Contributions	:	<ul style="list-style-type: none"> <li>• Developed Round the Year Fodder Production Modal for Small Goat Herds.</li> <li>• Developed Cost Effective Forage Production Techniques through Non-monetary Inputs Strategies for Yamuna Ravine.</li> <li>• Standardized Vermicomposting Technology from Goat Manure and their Evaluation in Crop Production</li> <li>• Developed Sustainable Feed-Fodder Production technology</li> </ul>
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		<p>through Integrated Nutrient Management Practices in Goat based IFS.</p> <ul style="list-style-type: none"> <li>• Developed Goat based Integrated Farming System: Circular Economy Model for Sustainability</li> <li>• Developed Ready Reckoner on Housing and Layout Design for Developing Goat based Entrepreneurship.</li> <li>• Developed Plastic based Hanging Type Feeders suited for all Breeds of Goats.</li> <li>• Developed Prototype of Power Weeder for Improving Fodder Production.</li> </ul>
Current area of research	:	Cropping Systems and Resource Management
Major Publications (10)	:	<ul style="list-style-type: none"> <li>• <b>Mohd Arif</b>, Arvind Kumar and R Pourouchottamane. 2024. Intercropping of maize and cowpea for enhancing productivity, profitability and land use efficiency. <i>Bangladesh Journal of Botany</i>, 53(2): 235-242.</li> <li>• <b>Mohd. Arif</b>, Arvind Kumar, R. Pourouchottamane, D. L. Gupta and B. Rai. 2024. Enhancing productivity, profitability and land use efficiency of fodder oats (<i>Avena sativa</i> L.) and berseem (<i>Trifolium alexandrinum</i> L.) by intercropping. <i>Range Management and Agroforestry</i>, 45 (1): 111-117.</li> <li>• <b>Mohd. Arif</b>, R. Pourouchottamane, A. Kumar, D. L. Gupta and B. Rai. 2023. Evaluation of different row proportions in intercropping of pearl millet and cluster bean for forage yield and quality. <i>Range Management and Agroforestry</i>, 44(1): 126-133.</li> <li>• <b>Mohd. Arif</b>, R. Kumar, A. Kumar and D.L. Gupta. 2023. Evaluation of forage qualities of sorghum (<i>Sorghum bicolor</i> L.) under varying jeevamrit formulations and their spraying interval. <i>Indian Journal of Animal Sciences</i>, 93(7): 716-721.</li> <li>• <b>Mohd. Arif</b>, Arvind Kumar and R. Pourouchottamane. 2022. Pearl millet and cluster bean intercropping for enhancing</li> </ul>

	<p>fodder productivity, profitability and land use efficiency. <i>Bangladesh Journal of Botany</i>, 51(1): 103-112.</p> <ul style="list-style-type: none"> <li>• <b>Mohd. Arif</b>, Arvind Kumar, R. Pourouchottamane, D. L. Gupta, M. K. Singh and B. Rai. 2022. Effect of intercropping row ratios on yield and nutritive value of maize and cowpea fodder. <i>Range management &amp; Agroforestry</i>, 43 (2): 292-298.</li> <li>• <b>Mohd. Arif</b>, Singh M., Onte S., Dey D. and Kumar R. 2020. Comparative evaluation of fodder qualities in different parts of locally available moringa (<i>Moringa oleifera</i>) strains. <i>Indian Journal of Animal Sciences</i>, <b>90</b> (1): 80–84.</li> <li>• <b>Mohd. Arif</b>, A. Kumar, R. Pourouchottamane, D.G. Gupta and B. Rai. 2022. Assessment of forage berseem (<i>Trifolium alexandrinum</i> L.) for productivity and profitability under varying seed rates and phosphorus fertilization. <i>Journal of Crop and Weed</i>, 18(3): 19-25.</li> <li>• <b>Mohd. Arif</b>, Dashora, L N, Choudhary, J, Kadam, S S and Mohsin M. 2019. Effect of varieties and nutrient management on quality and zinc bio-fortification of wheat (<i>Triticum aestivum</i>). <i>Indian Journal of Agricultural Sciences</i>, 89(9):1472-1476.</li> <li>• <b>Mohd. Arif</b>, Dashora, L N, Choudhary, J, Kadam, S S and Mohsin M. 2019. Effect of nitrogen and zinc management on growth, yield and economics of bread wheat (<i>Triticum aestivum</i>) varieties. <i>Indian Journal of Agricultural Sciences</i>, 89(10): 1664-1668.</li> </ul>
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