

**International Journal of Current  
Microbiology and Applied Sciences  
(IJCMAS) NAAS RATING-5.38, ICV-95.39**  
**ISSN: 2319-7692 (Print) ISSN 2319-7706 (Online)**

**An International, Monthly, Online, Free Access, Peer Reviewed,  
Indexed, fast track Scientific Research Journal**

**Certificate of Publication**

This is to certify that the following article reviewed by editorial board and published in International Journal of Current Microbiology and Applied Sciences (IJCMAS) ISSN: 2319-7692 (Print) ISSN 2319-7706 (Online).

Int.J.Curr.Microbiol.App.Sci.2020.9.(5):1210-1222

<https://doi.org/10.20546/ijcmas.2020.905.135>

Planning and Design of Surface Drainage System of an Agricultural Farmland using HCS Curve Number Method with Most Economical Section

Mukesh K. Seetpal<sup>1\*</sup>, R. K. Patel<sup>2</sup>, Bharti Dass<sup>3</sup> and Sharad Patel<sup>4</sup>

<sup>1</sup>School of Agriculture, ITM University, Gwalior, Madhya Pradesh, India

<sup>2</sup>Department of Soil and Water Engineering, College of Agricultural Engineering, Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur, India

<sup>3</sup>Instrument Development and Service Centre, College of Agricultural Engineering, Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur, India

<sup>4</sup>National Institute of Hydrology, Roorkee, Uttarakhand, India



*Dr. M. Prakash*  
*Editor-in-chief*

*International Journal of Current Microbiology and Applied Sciences*

[www.ijcmas.com](http://www.ijcmas.com)

[www.excellentpublishers.com](http://www.excellentpublishers.com)



© International Journal of Current Microbiology and Applied  
Sciences (IJCMAS)

[www.excellentpublishers.com](http://www.excellentpublishers.com) [www.ijcmas.com](http://www.ijcmas.com)