

# Department of Agrometeorology

**College of Agriculture  
G.B. Pant University of Agriculture & Technology  
Pantnagar-263145, Uttarakhand**

## Academics

### Degree Offered

Sl. No.	Degree	No. of Seats		Total
		UA Domicile	Other states	
1	M. Sc. (Ag.) Agrometeorology	4	1	5
2	Ph. D. Agrometeorology	4	1(ICAR sponsored)	5

### Courses Offered

#### UG

Sl. No.	Course No.	Course name	Credit	Course Instructor
1	AAM-305	Introductory Agrometeorology & Remote Sensing (Batch-A,B,C)	3(2-0-1)	Dr. R. K. Singh Dr. A. S. Nain Dr. Ravi Kiran

#### Deficiency Courses

1	AAM- 401	Principles of Agrometeorology	3(2-0-1)	Dr. R. K. Singh
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#### PG

Sl. No.	Course No.	Course name	Credit	Course Instructor
<b>P G Courses</b>				
1	AAM-500	Principles of Remote Sensing	3(2-0-1)	Dr. A. S. Nain
2	AAM-503	Micrometeorology	3(2-0-1)	Dr. R. K. Singh
3	AAM-510	General meteorology	3(3-1-0)	Dr. R. K. Singh
4	AAM-515	Applied agricultural Climatology	3(2-0-1)	Dr. N. S. Murty
5	AAM-520	Agricultural Meteorology	3(2-0-1)	Dr. Ravi Kiran
6	AAM-600	Seminar	1	
7	AAM-690	Thesis	20	
<b>Ph.D. Courses</b>				
8	AAM-701	Climate Change and Sustainable Development	3(2-0-1)	Dr. R. K. Singh

9	AAM-706	Strategic Use of Climatic Information	3(2-0-1)	Dr. Ravi Kiran
10	AAM-710	GIS: Principles and Application	3(2-0-1)	Dr. A. S. Nain
11	AAM-788	Seminar – I	1	Dr. R. K. Singh/ Dr. A. S. Nain
12	AAM-789	Seminar – II	1	
13	AAM-790	Thesis	45	
<b>Optional Courses P.G. and Ph.D.</b>				
14	AAM-525	Hydrometeorology	3(2-0-1)	Dr. Sumana Roy
15	AAM-538	Forest Meteorology	3(2-0-1)	Dr. Sumana Roy
16	AAM-630	Crop Weather Models	3(2-0-1)	Dr. R. K. Singh/ Dr. A. S. Nain
17	AAM-632	Evapotranspiration	2(1-0-1)	Dr. A. S. Nain
18	AAM-640	Weather Forecasting and Agro-advisories	3(2-0-1)	Dr. Ravi Kiran
19	AAM-650	Remote Sensing Applications in Agriculture	3(2-0-1)	Dr. A. S. Nain
20	AAM-655	Computer Applications in Agrometeorology	3(1-0-2)	Dr. A. S. Nain
21	AAM-703	Air Pollution Meteorology	3(2-0-1)	
22	AAM-704	Weather Climate and Livestock	3(2-0-1)	
23	AAM-705	Analytical Tools and Methods for Agrometeorology	3(2-0-1)	
24	AAM-708	Database Management and Commercialization of Agrometeorological Data in E-services	3(1-0-2)	
25	AAM-709	Weather Modification and Risk Management	3(2-0-1)	
26	AAM-715	Geo-information for Disaster Management	3(2-0-1)	Dr. A. S. Nain
27	AAM-720	Sustainable Natural Resource Management	3(2-0-1)	Dr. A. S. Nain
<b>Minor Package for other Departments Courses Compulsory Courses</b>				
1	AAM-503	Micrometeorology	3(2-0-1)	Dr. R. K. Singh
2	AAM-510	General meteorology	3(3-0-1)	Dr. R. K. Singh
<b>Four Credits optional to be selected from list of PG courses</b>				