



Government of India  
National Institute of Animal Welfare



**SCHEDULE**  
**TWO WEEKS TRAINING PROGRAMME FOR**  
**B. PHARMACY STUDENTS FROM**  
**SHOOLINI UNIVERSITY OF BIOTECHNOLOGY & MANAGEMENT SCIENCES, SOLAN**  
**24<sup>th</sup> August, 2015 to 04<sup>th</sup> September, 2015, Batch-V**

Date		10:00 Hrs – 13:00 Hrs	14:00 Hrs – 17:00 Hrs
24.08.2015 Monday	DAY-1	<ul style="list-style-type: none"> <li>Registration</li> <li>Welcome &amp; Introduction of NIAW Director, NIAW</li> </ul>	<ul style="list-style-type: none"> <li>Overview on Animal Welfare</li> <li>PCA Act 1960, Rules thereof Dr. K.N.Gowal</li> </ul>
25.08.2015 Tuesday	DAY-2	<ul style="list-style-type: none"> <li>Principles of Animal Welfare, Introduction to AWBL, SPCA and SAWB and its function. Dr. Dipa Gowal</li> </ul>	<ul style="list-style-type: none"> <li>PCA Act 1960 – Chapter IV Experimentation on animal.</li> <li>Pros &amp; cons of animal experimentation Dr. K.N.Gowal</li> </ul>
26.08.2015 Wednesday	DAY-3	<p>Visit to NBRC - Animal House Facility (followed with a Lecture on CPCSEA guidelines for laboratory animal facility, SOPs required and Health Indicators of Animals) (Assignment on the above subject to be submitted the following day to Training I/C) Dr. Inderjeet Yadav</p>	
27.08.2015 Thursday	DAY-4	<ul style="list-style-type: none"> <li>Role and guidelines of CPCSEA Dr. Dipa Gowal</li> </ul>	<ul style="list-style-type: none"> <li>Role of IAEC, Function, composition, requirements of IAEC, evaluation of protocols, record keeping Dr. K.N.Gowal</li> </ul>
28.08.2015 Friday	DAY-5	<ul style="list-style-type: none"> <li>National Disaster Management Maj. Gen. B. S. Dhillon</li> </ul>	<ul style="list-style-type: none"> <li>Ethics &amp; ethics analysis, need &amp; rational use of animal for experimentation</li> <li>Alternative to animal experiments. Dr. Vijay Pal Singh</li> </ul>
29.08.2015 Saturday	DAY-6	<ul style="list-style-type: none"> <li>Pain &amp; stress management in laboratory animals/behaviour.</li> <li>Assessment of humane end point for laboratory animal welfare. Dr. V.K.Tiwari</li> </ul>	<ul style="list-style-type: none"> <li>Drug development and role of animal in drug development Dr. V.K.Tiwari</li> </ul>
30.08.2015 Sunday	DAY-7	WEEKLY OFF	
31.08.2015 Monday	DAY-8	<ul style="list-style-type: none"> <li>Animal Welfare management during disaster Maj. Gen. B. S. Dhillon</li> </ul>	<ul style="list-style-type: none"> <li>GLP – Good Laboratory Practice Dr. Dipa Gowal</li> </ul>
01.09.2015 Tuesday	DAY-9	<ul style="list-style-type: none"> <li>GMP – Good Manufacturing Practices. Dr. Dipa Gowal</li> </ul>	<ul style="list-style-type: none"> <li>Euthanasia ; Rules and procedures.</li> <li>Introduction to zoonosis. Dr. K.N.Gowal</li> </ul>
02.09.2015 Wednesday	DAY-10	<p>Visit to Gaushala With a Lecture Gaushala/Shelter House management, sustainability &amp; products from cow- milk, urine etc. (Assignment on the above subject to be submitted the following day to Training I/C) Brig. S.S.Chohan</p>	
03.09.2015 Thursday	DAY-11	<ul style="list-style-type: none"> <li>Standardization of Laboratory Animal Management. Dr. Dipa Gowal</li> </ul>	<p>Animal Welfare and Wildlife Film Show &amp; Presentation</p>
04.09.2015 Friday	DAY-12	<p>Presentation</p>	<p>Valedictory Session and Distribution of Certificate Director(NIAW)</p>

Note : (1) At the end of each lecture/session, all faculties are requested to assess/ evaluate the students by providing question paper based on the subject and hand over the marks obtained by the students.  
(2) An assignment based on the subject taught is to be given to the students for submission to Training I/C.

Faculty (LS)

Faculty (Vet.)

DIRECTOR  
NIAW