



**SRI KARAN NARENDRA AGRICULTURE UNIVERSITY  
JOBNER-303329, JAIPUR (RAJ.)**

**Website: [www.sknaau.ac.in](http://www.sknaau.ac.in), [www.nahepjobner.in](http://www.nahepjobner.in)**

**ENVIRONMENT SUSTAINABILITY PLAN-ESP**



## Environment Sustainability Plan (ESP)

| S. No | Proposed Interventions/ Activities                     | Compliances applicable   | Possible Environmental Impacts   | Mitigation Measures   | Scope for the integration of environmental Sustainability (Best Practices) Concerns  |
|-------|--|--|--|---|--|
| 1     | Civil works for classrooms and laboratories renovation | 1. Construction and Demolition Waste Management Rules (2016)<br>2. National Building Code of India (2016)<br>3. The Noise Pollution (Regulation and Control Rules (2000) | 1. Pollution due to waste material on account of classrooms and laboratories renovation<br>2. Low quality Materials would affect the environment and infrastructure quality<br>3. Lack of fire safety measures<br>4. Laboratory renovation works will create noise pollution | 1. Generated waste material due to renovation will be appropriately used for land filling on campus or in the farm.<br>2. All the raw materials will be sources from authentic and approved venders through institutes/Centre Public Works Department (CPWD)<br>3. Installation of fire fighting/fire safety facilities.<br>4. Awareness Programme on | 1. Adequate measures would be taken to protect renovation premises from dust.<br>2. Work orders/contracts would be awarded to reputed firms/contracts with record of Environmental safety compliance |



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|    |   |  | 5. Plastic free campus                                 | use of fire fighting systems and also education through posters/sign boards etc. |   |
| 2. | Establishment of Energy efficient system  | 1. Not specific  | 1. Existing lighting arrangements are energy intensive | 1. Replacing of existing lights with energy efficient LED lighting systems       | 1. Institute has already undertaken major drive for 1 Mega Watts of solar power generation for lighting of the campus and in all offices, divisions, hostels and guest house.         |
| 3. | Education and Awareness activity for reduce potable water use and increase waste water use for irrigation and other proposes. | 1. Environmental protection act (1986) for waste water treatment | 1. Nil   | 1. Existing Sewerage treatment plant for treatment of waste water                | 1. Demonstration to students and stakeholders to understand re-use of waste water and how to reduce use of portable water.  |
| 4. | Education and Awareness activity for green campus, Massive Plantation for Green campus  | 1. No  | 1. Green Campus  | 1. Nil   | 1. Recycling of waste materials will help in carbon sequestration in environment and development of herbal-park and large scale plantation will promote environmental sustainability. |



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| 5. | Procurement and installation of campus/class room surveillance systems through closed circuit cameras with enough digital storage of the content. | 1. E-Waste (Management & Handling) Rules (2018) | 1. Replacing of old computers/ CC TVs may generate e-waste and cause environmental hazard | 1. Proper disposal of e-waste generated in designated bins | - |
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Signature of Nodal Officer  
**DIRECTOR**  
Directorate of Students' Welfare  
S.K.N. Agriculture University, Jobner

  
Signature of Vice Chancellor  
**Vice Chancellor**  
Date: 28/02/2020  
S.K.N. Agriculture University  
JOBNER