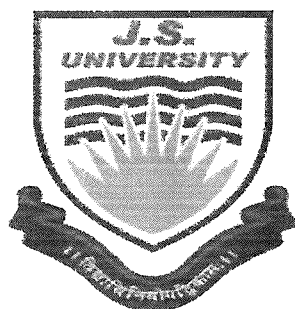


# **J.S. University, Shikohabad**

Established by UP Govt. Act No. 07 of 2015

Recognized by U.G.C. under section 2 (f) of Act-1956




## **Value Added Course**

**(VAC-034)**

**(MAINTENANCE OF MINOR PIECES  
OF EQUIPMENT)**

**Faculty of Physics**

**(2018-19)**

	J.S. University, Shikohabad Faculty of Physics	Value Added Course
		AY: 2018-19

## **(MAINTENANCE OF MINOR PIECES OF EQUIPMENT)**

### **Learning Objectives:**


- To identify and categorize the most common household equipment.
- To understand the basic principles of domestic equipment.
- To predict the goodness or age estimation of domestic equipment
- To perform layman checks and rectify minor defects.
- To familiarize the maintenance of household equipment.

**Duration:** 30 Hours. (Theory and Practical)

### **Perquisites:**

### **Assessment Criteria/ Award of certification:**


Participants who secured 90% attendance and secured 80% marks in final quiz shall be awarded the completion of certificate

	J.S. University, Shikohabad Faculty of Physics	Value Added Course
		AY: 2018-19

**Course Outcomes: -**

Maximum Exposure has to be given on Practical Oriented

- 1) By the end of the course, the students will be able to
- 2) Able to categorize the fault in the domestic equipment.
- 3) Adopt proper handling procedures of the domestic equipment.
- 4) Do layman checks and identify the problems in the domestic equipment.
- 5) Familiarize and understand the maintenance of household equipment.

	J.S. University, Shikohabad Faculty of Physics	Value Added Course
		AY: 22018-19

Sr.No	Content	Duration (30 Hrs)
1	Types of Household equipment	06
2	Maintenance procedures	06
3	Defects	06
4	Testing tools	06
5	Analysis of instruments	06

### SYLLABUS OUTLINE

#### 1. Module-1

##### Types of Household equipment

Mechanical, Thermal, Acoustical, Optical, Electrical, Electronics, Embedded Systems, - Simple & sophisticated appliances.

#### 2. Module-2

##### Maintenance procedures

General maintenance procedures of various appliances – Specific caution and care.

#### 3. Module-3

##### Defects

Most common defects – other possible defects.

#### 4. Module-2

##### Testing tools

Layman checks - Simple testing tools for each category.


#### 5. Module-5

##### Analysis of instruments

Analyzing the condition — Confirming the goodness of the equipment.

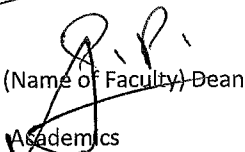
**References: -**

1. Hand Book on Home Appliances – L. Palaniappan, S.P. Publications, Chidambaram, 1st Edition, 2019; ISBN No. 978-93-5351-441-9.
2. Troubleshooting and Repairing Major Appliances – Eric Keinert, McGrawHill Professional Publishers 2014, New Delhi.

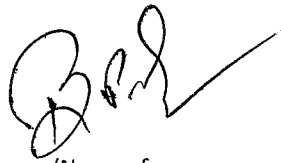
  
(Name of Faculty)

Course Coordinator

Dr. Mohit  
Joshi

  
(Name of Faculty) Dean  
Academics

Dr. P. P.  
Singh

  
(Name of Faculty)

Director/Princip  
le/Dean of  
Faculty/Depart  
ment

Dr. B. P. S.  
Chauhan