



Department of Physics

KERAL VERMA FACULTY OF SCIENCE

SWAMI VIVEKAN AND SUBHARTI UNIVERSITY

Subhartipuram, NH-58 Delhi-Haridwar-Meerut Bypass Road, Meerut -250005

f. no-SVSU/KVFOS/PHY/2016/49

Date: 02-08-16

NOTICE

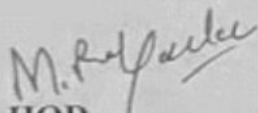
SUBJECT - VALUE ADDED COURSE

It is to inform to all students of UG and PG that the department of physics introduced a Value added course from the date 26/08/2016 to 02/12/2016. The topics are as follows. Course duration will be 16 hr.

1 Advance Instrumentation Skills

2 Advance Renewable Energy

Interested students give their name to HOD Physics


HOD


Registrar
Swami Vivekanand
Subharti University
MEERUT

CC- Dean (FOS)

Notice board(All)

Value Added Course I

Course Name: Advance Instrumentation Skills	CODE - VAC-P-001
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Objectives: To acquire basic knowledge about Basic of Measurement, Electronic Voltmeter, Oscilloscope and Signal and pulse Generators.

Unit I: Basic of Measurement: Instruments accuracy, precision, sensitivity, resolution range etc. Errors in measurements and loading effects. **Multimeter:** Principles of measurement of dc voltage and dc current, ac voltage, ac current and resistance. Specifications of a multimeter and their significance.

Unit II: Electronic Voltmeter: Advantage over conventional multimeter for voltage measurement with respect to input impedance and sensitivity. Principles of voltage, measurement (block diagram only). Specifications of an electronic Voltmeter/ Multimeter and their significance. **AC mill voltmeter:** Type of AC millivoltmeters. Block diagram ac millivoltmeter, specifications and their significance.

Unit III: Oscilloscope: Block diagram of basic CRO. CRT, electrostatic focusing and acceleration (Explanation only- no mathematical treatment), brief discussion on screen phosphor, visual persistence. Time base operation, synchronization. Front panel controls. Specifications of CRO and their significance.

Unit IV: Signal and pulse Generators: Block diagram, explanation and specifications of low frequency signal generator and pulse generator. Brief idea for testing, specifications. Distortion factor meter, wave analysis.

Unit V :Digital Instruments and Multimeter: Comparison of analog & digital instruments. Characteristics of a digital meter. Working principles of digital voltmeter. Block diagram and working of a digital multimeter.

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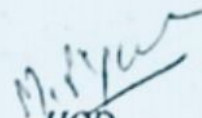
Department of Physics
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Report on Value added course Advance Instrumentation Skill

Value added course on Advanced Instrumentation Skill was organized from 26-08-16 to 02-12-2016 in department of physics , Keral Verma faculty Of Science, Swami Vivekanand Subharti University, Meerut. The speaker was Mr. Sarvender. A total number of forty five participate were present. The encompass topic Advance Instrumentation Skill. The purpose of the course was to give the holistic knowledge of Advance Instrumentation Skill.


Registrar
Swami Vivekanand
Subharti University
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HOD
Physics




Participants during Value Added course :Advance instrumentation Skill

DEPARTMENT OF PHYSICS
KERAL VERMA SUBHARTI COLLEGE OF SCIENCE, SWAMI VIVEKANAND
SUBHARTI UNIVERSITY
Subhartipuram, NH-58 Delhi-Haridwar-Meerut Bypass Road, Meerut -250005

CODE VAC-P-001

List of students completed the
Course: Advance Instrumentation Skills

SN.	EN. NO.	NAME
1	1606010001816	AAKASH KUMAR
2	1606010001819	ABHILASHA CHAUHAN
3	1606010001820	ABHINAV TYAGI
4	1606010001821	ABHISHEK BANSAL
5	1606010001824	ABHISHEK MALIK
6	1606010001828	AJAY RATHI
7	1606010001831	AKSHAY PRATAP SINGH
8	1606010001832	AKSHAY SINGH
9	1606010001836	AMAN YADAV
10	1606010001837	AMAR JEET SINGH
11	1606010001838	AMIT CHAUHAN
12	1606010001839	ANAND
13	1606010001841	ANKIT KUMAR ADHANA
14	1606010001845	ANNU KAMBOJ
15	1606010001847	ANUJ KUMAR MAVI
16	1606010001850	ANUJ YADAV
17	1606010001851	ANURAG MALIK
18	1606010001854	ARPIT SAINI
19	1606010001855	SHADAB HUSEN
20	1606010001857	ASHISH NAGAR
21	1606010001858	ASHISH RANA
22	1606010001869	DEEPIKA SIROHI
23	1606010001870	DEEPTI MANDAL
24	1606010001871	DEV CHAUDHARY
25	1606010001872	DHARAMDEEP AHLAWAT
26	1606010001873	DIGVIJAY SHARMA
27	1606010001874	DINESH KUMAR BHATI
28	1606010001875	DIPANSHU MALIK
29	1606010001876	DOLLY TYAGI
30	1606010001877	EISHAN SOHAIL SABZWARI


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Swami Vivekanand
Subharti University
MEERUT

M. P. Y. 4

VALUE ADDED COURSE

**ON
ADVANCED INSTRUMENTATION SKILLS**



Organized by

Department of Physics

KVFOS

SWAMI VIVEKANAND SUBHARTI UNIVERSITY, MEERUT, U.P., INDIA

Certificate

This is to certify that Mr./Ms. ANAND
class B.Sc. PCM

has participated/completed the value added course of 30 hours on **Advanced Instrumentation Skills**
from 26-08-16 to 02-12-2016 in department of physics faculty of Science.

Mr. Surinder

Course Coordinator

Dr. M.P. Yadav

HOD

VALUE ADDED COURSE

**ON
ADVANCED INSTRUMENTATION SKILLS**



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Department of Physics

KVFOS

SWAMI VIVEKANAND SUBHARTI UNIVERSITY, MEERUT, U.P., INDIA

Certificate

This is to certify that Mr./Ms. DOLLY TYAGI
class B.Sc. PCM

has participated/completed the value added course of 30 hours on **Advanced Instrumentation Skills**
from 26-08-16 to 02-12-2016 in department of physics faculty of Science.

Mr. Surinder

Course Coordinator

Dr. M.P. Yadav

HOD

VALUE ADDED COURSE

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KVFOS

SWAMI VIVEKANAND SUBHARTI UNIVERSITY, MEERUT, U.P., INDIA

Certificate

This is to certify that Mr./Ms. AJAY RATHI
class B.Sc. CBZ

has participated/completed the value added course of 30 hours on **Advanced Instrumentation Skills**
from 26-08-16 to 02-12-2016 in department of physics faculty of Science.

Mr. Sachdev

Course Coordinator

Dr. M.P. Yadav

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