

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
Department of Physics

Value added course

Course on Sophisticated Instruments

December 1, 2017 – June 30, 2018

Department of Physics is supported by University Grants Commission (UGC) under Special Assistance Programme (SAP) and Department of Science and Technology (DST) under DST-FIST Programme. At present the Department is dealing with four Specialization viz Condensed matter Physics, Nuclear physics, Spectroscopy and Electronics. The Major thrust research areas of the Department are Synthesis of Functional Materials (Nanostructured Materials, Ferrites, Superconducting material etc.), Photovoltaic Devices, Sensor, Radiation Physics, Intermolecular Interaction, Dielectric Materials has created state-of-the-art facilities in above mentioned areas. The Department aims to be a common platform for the students and faculty members of the Universities across the state of Maharashtra and their underneath institutions, individuals and established entrepreneurs to hone the necessary skills of research, study of economic demands and accordingly shape the ideas to marketable product.

Value added course on sophisticated instruments is scheduled on December 1, 2017 to June 30, 2018 at Department of Physic, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. Course will be focusing on the Spectroscopy Instruments, Surface morphology Instruments, crystallography of micro/nanoparticles and Electrical Measurements Techniques Instruments.

All the students of the Department of Physics (M. Sc. Students and Research Scholars) are hereby advised to attend this Value added courses.



Dr. Ramphal b Sharma

Professor and Head

Department of Physics

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Dr. Ramphal B. Sharma

M.Sc., Ph.D., PDF (Italy)

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Department of Physics

Dr. Babasaheb Ambedkar Marathwada University

Aurangabad-431004, India (M.S.)



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Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Department:- Physics

Date: - November 25, 2017

Notice for Value Added Training Program on: - Value added Course on Sophisticated Instruments


Dear Students, go through following details of Value Added Training Program at Physics Department. All Interested Students can attend this Training Program and avail opportunity

- Event - Value Added Training Program on Sophisticated Instruments.**
- Date - From December 1, 2017 to June 30, 2018.**
- Time - 11.00 am to 01.00 pm.**
- Venue - Department of Physics**
- Daily - 02 Hours. (32 Lectures as per availability of Resource Person)**
- Course Code - PHYVC**

Name of Resource Person -

- 1) Dr. R P Tondon (Delhi University, Delhi)
- 2) Dr. A K Singh (Agra University, Agra)
- 3) Dr. A K Ghosh (IIT – Delhi)
- 4) Mr. Fouran Singh (IUAC, New Delhi)
- 5) Dr. S I Patil (Pune University, Pune)
- 6) Dr. D M Phase (IUAC DAE CSR, Indore)
- 7) Dr. Niraj Khare (IIT, Delhi)
- 8) Professor Bhuvnesh Gupta (IIT, Delhi)
- 9) Dr. Sanjay Dhole (Pune University, Pune)
- 10) Dr. B P Singh (Aligarh University)
- 11) Professor Satyendra Mishra (UICT, NMU, Jalgaon)

- Contents/Syllabus -**
- Spectroscopy Instrumentation
 - Surface morphology Instruments, crystallography of Micro / Nanoparticle Instruments.
 - Electrical Measurements Techniques Instruments.


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Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
Department of Physics

November 24, 2017

Minutes of the Departmental Meeting held on November 23, 2017 at 3.30 pm


Departmental Meeting of the Physics Department was held on November 23, 2017 with head Professor Ramphal B Sharma in chair in the chamber of the Head, Department of Physics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. The other Member present were Professor K M Jadhav, Professor M D Shirsat, Professor S S Patil, Dr. (Mrs.) A G Murugkar, Dr. (Mrs.) P S Ugile, Dr. G M Dharne and Mrs. K P Nagori.

The meeting began with warm welcome by the chairman. The following business was transacted in the meeting.

- 1) **Discussion on Value added course** – Discussion about the value added course on Sophisticated Instruments and it was decided to the value added course organized this programme from December 1, 2017 to June 30, 2018.
- 2) **Discussion on Outcome Based Education** – Discussion about the Outcome based education of M. Sc. Curriculum and it was decided to the design the curriculum of each courses having following components – Learning Objectives; Learning Outcomes; Course Content will consist of five Units out Which four units will be based on actual topic of the respective course and fifth unit will be based on tutorials, assignments, Seminar presentation and small project based on the four units. The curriculum will be sent to the Hon'ble Vice-Chancellor for Approve and if approved this curriculum will be implementation on June 2018 to onwards.

The Meeting ended with thanks to the chair.

Your Sincerely



Dr. M.D Shirsat
Secretary

1. P A to Vice – Chancellor
2. P A to Pro Vice – Chancellor
3. The Registrar



Dr. Babasaheb Ambedkar Marathwada University

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Department of Physics

Value Added Training Program on Course on Sophisticated Instruments

Date : From December 2, 2017 to June 30, 2018

S.No	Name of Students	Dates & Attendance : <i>Dr. M. J. D. T. S.</i>											
		4/12/2017	5/12/2017	6/12/2017	18/10/18	19/10/18	20/10/18	8/10/18	9/10/18	10/10/18	11/10/18	6/10/18	7/10/18
1	ABDUL BUSHRA JABEEN RAZZSQUE	P	P	P	P	P	P	P	P	P	P	P	P
2	ARGADE DIPALI MARUTI	P	P	P	P	P	P	P	P	P	P	P	P
3	BABHALE SONALI MANOJ	P	P	P	P	P	P	P	P	P	P	P	P
4	BEDARKAR PRAACHI RAVINDRA	P	P	P	P	P	P	P	P	P	P	P	P
5	BODKHE MAHESH VISHNU	P	P	P	P	P	P	P	P	P	P	P	P
6	CHIKUNDRE CHAITALI BALAJI	P	P	P	P	P	P	P	P	P	P	P	P
7	DESHMUKH RUTUJA RAJESHAHB	P	P	P	P	A	P	P	P	P	P	P	P
8	DODE BHAGYASHRI VISHWANATH	P	P	P	P	P	A	P	P	P	P	P	P
9	DOMBE NARAYAN CHANDRABHAN	P	P	P	P	P	P	P	P	P	P	P	P
10	FAREA MAAMON OMAR AHMED OMAR AHMED	P	P	P	P	A	P	P	P	P	P	P	P
11	GAIKWAD VISHAL BALASAHEB	P	P	P	P	P	P	P	P	P	P	P	P
12	GHODKE SHITAL GANPATI	P	P	P	P	A	A	A	P	P	P	P	P
13	HUMBE SHANKAR SUDAM	P	P	P	P	P	P	P	P	P	P	P	P
14	JADHAV PRATIBHA SAMPATRAO	P	P	P	P	P	P	P	P	P	P	P	P
15	JAGTAP RAVINDRA JANARDAN	P	P	P	P	P	P	P	P	P	P	P	P
16	JAGTAP WALMIK PANDURANG	P	P	P	P	P	P	P	P	A	P	P	P
17	KADAM KULDEEP FULCHAND	P	P	P	P	P	P	P	P	A	P	P	P



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Value Added Training Program on Course on Sophisticated Instruments

Date : From December 2, 2017 to June 30, 2018

S.No	Name of Students	Dates & Attendance, Daily 10:2 hrs.									
		8/03 2018	9/03 2018	10/03 2018	10/04 2018						
1	ABDUL BUSHRA JABEEN RAZZSQUE	P	P	P	P						
2	ARGADE DIPALI MARUTI	P	P	P	P						
3	BABHALE SONALI MANOJ	P	P	P	P						
4	BEDARKAR PRACHI RAVINDRA	P	P	P	P						
5	BODKHE MAHESH VISHNU	P	P	P	P						
6	CHIKUNDRE CHAITALI BALAJI	P	P	P	P						
7	DESHMUKH RUTUJA RAJESHAHB	P	P	P	P						
8	DODE BHAGYASHRI VISHWANATH	P	P	P	P						
9	DOMBE NARAYAN CHANDRABHAN	P	P	P	P						
10	FAREA MAAMON OMAR AHMED OMAR AHMED	P	P	P	P						
11	GAIKWAD VISHAL BALASAHEB	P	P	P	P						
12	GHODKE SHITAL GANPATI	P	P	P	P						
13	HUMBE SHANKAR SUDAM	P	P	P	P						
14	JADHAV PRATIBHA SAMPATRAO	P	P	P	P						
15	JAGTAP RAVINDRA JANARDAN	P	P	P	P						
16	JAGTAP WALMIK PANDURANG	P	P	P	P						
17	KADAM KULDEEP FULCHAND	P	P	P	P						

87	BHADEKAR SHIVKANYA DEVIDAS	P	P	P	P																
88	HEDAU BHAVNA SUNIL	A	P	P	P																
89	NAYAK ASHVINEE PRAKASHRAO	A	P	P	P																
90	GUDALE SHIVKUMAR GANPATRAO	P	A	P	P																
91	PATIL REVATI SATISH	P	P	P	P																
92	WAKODE AMAR SANTOSH	P	A	P	P																
93	BANAJGOLE SMITA MAHADEV	A	P	P	P																
94	PANGARKAR RAJESHWARI CHATRAPATI	P	A	P	P																
95	KACHCHI MOHAMMAD MOHSIN MOHAMMAD SHAKEEL	P	A	P	A																
96	JAGDALE MONIKA SAINATH	A	P	A	P																
97	SHEJUL SUMITRA BABANRAO	A	P	P	P																
98	SINKAR LAXMAN BHAGWAN	P	P	P	P																
99	AL WALEEDY SUAD ABDULLAH HAIDAR ABDULLAH	P	P	P	P																
100	KAAWASH NABEEL MOHAMMED SAAD	P	P	A	P																
101	ALNAEGAR AHMED HASAN HASAN	P	P	A	P																
102	DANAMAH HAMDAN MOHSEN ALI MOHSEN ALI	P	A	P	A																
103	CHAVAN RAHUL BABASAHEB	P	A	P	P																
104	NEWALE PREETANKUMAR PRABHAKARRAO	P	P	P	A																

Dr. P. P. Sharma

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87	BHADEKAR SHIVKANYA DEVIDAS	P	P	P	P	P													
88	HEDAU BHAVNA SUNIL	A	P	P	P	P													
89	NAYAK ASHVINEE PRAKASHRAO	A	P	P	P	P													
90	GUDALE SHIVKUMAR GANPATRAO	P	A	P	P	P													
91	PATIL REVATI SATISH	P	P	P	P	P													
92	WAKODE AMAR SANTOSH	P	A	P	P	P													
93	BANAJGOLE SMITA MAHADEV	A	P	P	P	P													
94	PANGARKAR RAJESHWARI CHATRAPATI	P	A	P	P	A													
95	KACHCHI MOHAMMAD MOHSIN MOHAMMAD SHAKEEL	P	A	P	P	A													
96	JAGDALE MONIKA SAINATH	A	P	P	A	P													
97	SHEJUL SUMITRA BABANRAO	A	P	P	P	A													
98	SINKAR LAXMAN BHAGWAN	P	P	P	P	P													
99	AL WALEEDY SUAD ABDULLAH HAIDAR ABDULLAH	P	P	P	P	P													
100	KAAWASH NABEEL MOHAMMED SAAD	P	P	A	P	P													
101	ALNAEGAR AHMED HASAN HASAN	P	P	A	P	P													
102	DANAMAH HAMDAN MOHSEN ALI MOHSEN ALI	P	A	P	P	A													
103	CHAVAN RAHUL BABASAHEB	P	A	P	P	P													
104	NEWALE PREETAMKUMAR PRABHAKARRAO	P	P	P	P	A													

Dr. R. P. Sharma

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