

Kongunadu Arts and Science College (Autonomous)**Coimbatore 641 029****Attainment of Programme Outcomes****UG Programmes**

Department: Physics

Academic year: 2022-2023 (ODD)

Course: Properties of Matter and Sound (22UPH101)

Class Strength=19	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	40	40	40
Target %	45	45	45
No. of students scored <40	4	10	10
No. of students scored 40-59	7	7	9
No. of students scored 60-79	6	2	0
No. of students scored 80& Above	2	0	0

Course: Mechanics (21UPH303)

Class Strength= 16	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	40	40	40
Target %	70	70	70
No. of students scored <40	1	8	4
No. of students scored 40-59	7	2	3
No. of students scored 60-79	1	2	4
No. of students scored >=80	7	4	5

Course: General Awareness (21UGA3S1)

Class Strength=16	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	40	40	40
Target %	75	75	75
No. of students scored <40	4	3	4
No. of students scored 40-59	6	3	6
No. of students scored 60-79	6	1	4
No. of students scored >=80	Nil	9	2

Course: Mathematical Physics (20UPH505)

Class Strength=35	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	90	90	90
No. of students scored <40	01	4	1
No. of students scored 40-59	4	4	2
No. of students scored 60-79	9	9	6
No. of students scored >=80	21	16	26

Course: Optics (20UPH506)

Class Strength=35	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	40	40	40
Target %	70	70	70
No. of students scored <40	10	9	Nil
No. of students scored 40-59	13	9	3
No. of students scored 60-79	10	12	5
No. of students scored ≥ 80	2	4	27

Course: PRINCIPLES OF ELECTRONIC DEVICES AND CIRCUITS (20UPH507)

Class Strength=37	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	30	30	30
Target %	45	45	45
No. of students scored <40	5	6	1
No. of students scored 40-59	7	5	10
No. of students scored 60-79	8	6	20
No. of students scored ≥ 80	15	17	4

Course: Quantum Mechanics and Relativity (20UPH508)

Class Strength=35	CIA I	CIA 2	ESE
No of CO's	4	4	4
Threshold	40	40	40
Target %	80	80	80
No. of students scored <40	2	6	1
No. of students scored 40-59	7	8	5
No. of students scored 60-79	4	12	16
No. of students scored ≥ 80	22	8	12

Course: Laser Physics and Fiber Optics (20UPH5E1)

Class Strength=35	CIA I	CIA 2	ESE
No of CO's	4	4	4
Threshold	50	50	50
Target %	80	80	80
No. of students scored <40	7	4	2
No. of students scored 40-59	2	5	13
No. of students scored 60-79	12	7	17
No. of students scored ≥ 80	13	17	3

Course: EDC-Physics in Everyday Life (20UPH5X1)

Class Strength=3	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	40	40	40
Target %	80	80	80
No. of students scored <40	-	-	-
No. of students scored 40-59	1	1	1
No. of students scored 60-79	1	1	1
No. of students scored ≥ 80	-	-	-

Course: Allied Paper I – Physics (21UPH3A1)

B.Sc Mathematics

Class Strength=33	CIA I	CIA 2	ESE
No of CO's	4	4	4
Threshold	50	50	50
Target %	80	80	80
No. of students scored <40	8	8	4
No. of students scored 40-59	6	6	13
No. of students scored 60-79	10	10	11
No. of students scored ≥80	9	9	5

Course: Allied Paper I – Physics (21UPH3A1)

B.Sc Chemistry

Class Strength=26	CIA I	CIA 2	ESE
No of CO's	4	4	4
Threshold	50	50	50
Target %	95	95	95
No. of students scored <40	0	1	0
No. of students scored 40-59	3	3	2
No. of students scored 60-79	5	14	8
No. of students scored ≥80	18	8	16

Course: Human Right (21UHR3N1)

B.Sc Mathematics

Class Strength=33	ESE
No of CO's	5
Threshold	40
Target %	90
No. of students scored <40	-
No. of students scored 40-59	16
No. of students scored 60-79	17
No. of students scored ≥80	-

Course: Human Right (21UHR3N1)

B.Sc Chemistry

Class Strength= 24	ESE
No of CO's	5
Threshold	40
Target %	90
No. of students scored <40	2
No. of students scored 40-59	17
No. of students scored 60-79	4
No. of students scored ≥80	1

Final Programme Outcome Attainment

Course	CIA 1 Target	CIA2 Target	POA % = 25 % of I CIA ** + 25 % of II CIA* + 50% of ESE*	Target	Attainment (Yes or No)
Properties of Matter and Sound (22UPH101)	45%	45%	55.2%	45%	Yes
Mechanics (21UPH303)	93.75%	50%	73%	70%	Yes
General Awareness (21UGA3S1)	75%	81.25%	76.56%	75%	Yes
Mathematical Physics (20UPH505)	97.14%	87.87%	94.81%	90%	Yes
Optics (20UPH506)	71.42%	73.53%	86.23%	70%	Yes
Principles of Electronic devices and circuits (20UPH507)	86%	79%	87%	85%	Yes
Quantum Mechanics and Relativity (20UPH508)	94%	82%	92.5%	80%	Yes
Laser Physics and Fiber Optics (20UPH5E1)	79.4%	87.9%	89.35%	80%	Yes
EDC -Physics in Everyday Life (20UPH5X1)	100 %	100 %	100%	80%	Yes
Allied Paper I-Physics (21UPH3A1) Mathematics	75.8%	75.8%	81.83%	80%	Yes
Allied Paper I-Physics (21UPH3A1) Chemistry	100%	96.15%	99.03%	95%	Yes
NME-1-Human Rights (21UHR3N1) Mathematics	-	-	100%	90%	Yes
NME-1-Human Rights (21UHR3N1) Chemistry	-	-	100%	90%	Yes

Kongunadu Arts and Science College (Autonomous)

Coimbatore 641 029

Attainment of Programme Outcomes

PG Programmes

Department: Physics

Academic year: 2022-2023 (ODD)

Course: Classical Mechanics (22PPH101)

Class Strength= 40	CIA I	CIA II	ESE
No of CO's	5	-	5
Threshold	38	-	38
Target %	80	-	80
No. of students scored <30	4	-	1
No. of students scored 30-44	7	-	13
No. of students scored 45-59	12	-	9
No. of students scored ≥60	16	-	16

Course: Mathematical Physics (22PPH102)

Class Strength= 40	CIA I	CIA II	ESE
No of CO's	5	-	5
Threshold	50	-	50
Target %	70	-	70
No. of students scored <50	17	-	4
No. of students scored 50-69	9	-	18
No. of students scored 70-79	7	-	9
No. of students scored ≥80	7	-	8

Course: Condensed Matter Physics-1 (21PPH103)

Class Strength= 40	CIA I	CIA II	ESE
No of CO's	4	-	4
Threshold	50	-	50
Target	80	-	80
No. of students scored <50	8	-	7
No. of students scored 50-69	10	-	12
No. of students scored 70-79	14	-	17
No. of students scored ≥80	8	-	3

Course: Electronics & Microprocessor (22PPH1E1)

Class Strength=20	CIA I	CIA II	ESE
No of CO's	5	-	5
Threshold	50	-	50
Target %	85	-	85
No. of students scored <37.5	2	-	2
No. of students scored 37.5-51.75	3	-	10
No. of students scored 52.5-59.3	3	-	5
No. of students scored 60 & above	11	-	2

Course: Communication Physics (22PPH1E2)

Class Strength=20	CIA I	CIA II	ESE
No of CO's	5	-	5
Threshold	50	-	50
Target %	60	-	60
No. of students scored <50	7	-	4
No. of students scored 50-69	10	-	11
No. of students scored 70-79	1	-	5
No. of students scored ≥ 80	2	-	Nil

Course: Quantum Mechanics – II (21PPH307)

Class Strength=39	CIA I	CIA II	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	55	55	55
No. of students scored <50	7	17	11
No. of students scored 50-69	17	13	17
No. of students scored 70-79	3	5	9
No. of students scored ≥ 80	12	3	1

Course: Condensed Matter Physics-II (21PPH309)

Class Strength=39	CIA I	CIA II	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	80	80	80
No. of students scored <50	9	4	2
No. of students scored 50-69	17	10	20
No. of students scored 70-79	4	4	12
No. of students scored ≥ 80	7	20	5

Course: Electromagnetic Theory and Electrodynamics (21PPH308)

Class Strength=40	CIA I	CIA II	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	75	75	75
No. of students scored <50	8	7	5
No. of students scored 50-69	17	14	7
No. of students scored 70-79	8	9	17
No. of students scored ≥ 80	4	8	11

Course: Nanotechnology: Principles and Applications (22PPH3N1)

Class Strength=39	CIA I	CIA II	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	60	60	60
No. of students scored <50	11	14	6
No. of students scored 50-69	12	11	17
No. of students scored 70-79	11	9	14
No. of students scored ≥ 80	4	3	2

Course: EDC-Biomedical Instrumentation

Class Strength=16	CIA I	CIA II	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	80	80	80
No. of students scored <40	1	-	-
No. of students scored 40-59	5	6	2
No. of students scored 60-79	3	3	8
No. of students scored >=80	7	7	6

Final Programme Outcome Attainment

Course	CIA 1 Target	CIA2 Target	POA % = 25 % of I CIA *+ 25 % of II CIA * + 50% of ESE*	Target	Attainment (Yes or No)
Classical Mechanics (22PPH101)	89.4%	-	93.2%	80%	Yes
Mathematical Physics (21PPH102)	57.5%	-	73.6%	70%	Yes
Condensed Matter Physics-I (21PPH103)	82.05%	-	82.05%	80%	Yes
Electronics & Microprocessor (22PPH1E1)	89.47%	-	89.47%	85%	Yes
Communication Physics (22PPH1E2)	65%	-	74.6%	60%	Yes
Quantum Mechanics-II (21PPH307)	82.05%	55.26%	69.86%	55%	Yes
Condensed Matter Physics (21PPH309)	75.6%	89.4%	88.65%	80%	Yes
Electromagnetic Theory and Electrodynamics (21PPH308)	78.37%	81.57%	83.73%	75%	Yes
Nanotechnology: Principles and Applications	71.05%	62.16%	75.5%	60%	Yes
EDC – Biomedical Instrumentation	93.75%	100%	98.44 %	80%	Yes

Accainment of Programme Outcomes and Course Outcomes

Faculty Name	Signature
Dr. A. Anu Kalian	<i>A. Anu Kalian</i> 2/11/23
Dr. KARUPPUSWAMY	<i>Karuppuswamy</i> 2/11/2023
B. CHANDAR SHEKAR	<i>B. Chandar Shekar</i>
K. SARAVANAKUMAR	<i>K. Saravanan Kumar</i>
Dr. M. SEETHA	<i>M. Seetha</i>
Dr. P. MATHESWARAN	<i>P. Matheswaran</i>
Dr. M. MOHAMED IBRAHIM	<i>M. M. Mohamed Ibrahim</i>
Dr. A. Rajitha	<i>A. Rajitha</i>
Dr. N. SENTHIL KUMAR	<i>N. Senthil Kumar</i>
Dr. S. SELVI	<i>S. Selvi</i>
Dr. B. GOKUL	<i>B. Gokul</i>
Dr. V. D. NITHYA	<i>V. D. Nithya</i>
Dr. V. MOHANKUMAR	<i>V. Mohankumar</i>

Kongunadu Arts and Science College (Autonomous)

Coimbatore 641 029

Attainment of Programme Outcomes

UG Programmes

Department: Physics

Academic year: 2022-2023 (EVEN)

Course: Heat & Thermodynamics (22UPH202)

Class Strength=19	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	40	40	40
Target %	50	50	50
No. of students scored <40	8	2	2
No. of students scored 40-59	6	7	11
No. of students scored 60-79	5	5	6
No. of students scored ≥ 80	Nil	4	Nil

Course: Electricity and Magnetism (21UPH404)

Class Strength=16	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	40	40	40
Target %	50	50	50
No. of students scored <40	4	7	8
No. of students scored 40-59	3	4	8
No. of students scored 60-79	4	0	0
No. of students scored ≥ 80	3	5	0

Course: Medical Instrumentation (21UPH4S2)

Class Strength=16	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	40	40	40
Target %	55	55	55
No. of students scored <40	7	3	6
No. of students scored 40-59	3	5	5
No. of students scored 60-79	5	4	4
No. of students scored ≥ 80	1	4	1

Course: 20UPH609- Core Paper 9- Atomic and Solid-State Physics

Class Strength= 36	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	40	40	40
Target %	80	80	80
No. of students scored <40	7	9	0
No. of students scored 40-59	6	6	6
No. of students scored 60-79	11	15	12
No. of students scored ≥ 80	7	4	18

Course: 20UPH610- Core Paper 10- Fundamentals of Digital Electronics

Class Strength=36	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	40	40	40
Target %	80	80	80
No. of students scored <40	3	-	1
No. of students scored 40-59	10	6	7
No. of students scored 60-79	6	6	17
No. of students scored ≥ 80	16	21	10

Course: 20UPH611- Core Paper 11- Nuclear Physics

Class Strength=36	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	40	40	40
Target %	75	75	75
No. of students scored <40	6	7	-
No. of students scored 40-59	3	6	3
No. of students scored 60-79	3	7	13
No. of students scored ≥ 80	21	13	18

Course: 20UPH6E2- ME2- Principles of Communication Systems

Class Strength=59	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	80	80	80
No. of students scored <40	10	10	2
No. of students scored 40-59	6	6	15
No. of students scored 60-79	7	10	12
No. of students scored ≥ 80	11	7	6

Course: 20UPH6S3- Introduction to Microprocessor

Class Strength=36	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	38	38	38
Target %	75	75	75
No. of students scored <40	11	8	0
No. of students scored 40-59	7	11	10
No. of students scored 60-79	8	9	20
No. of students scored ≥ 80	5	3	6

Course: 21UPH4A2-Allied-B-Paper-2-Physics-II (Mathematics)

Class Strength= 33	CIA I	CIA 2	ESE
No of CO's	4	4	4
Threshold	40	40	40
Target %	75	75	75
No. of students scored <40	7	9	6
No. of students scored 40-59	8	6	7
No. of students scored 60-79	13	8	8
No. of students scored ≥ 80	4	9	12

Course: 21UWRN2- NME-2 Women's Rights (Mathematics)

Class Strength=33	ESE
No of CO's	5
Threshold	40
Target %	80
No. of students scored <40	0
No. of students scored 40-59	15
No. of students scored 60-79	15
No. of students scored ≥ 80	3

Course: 21UPH4A2- Allied Physics Paper-II (Chemistry)

Class Strength=28	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	80	80	80
No. of students scored <40	2	4	1
No. of students scored 40-59	4	4	5
No. of students scored 60-79	8	7	11
No. of students scored ≥ 80	12	12	9

Course: 21UWRN2- NME-2 Women's Rights (Chemistry)

Class Strength=25	ESE
No of CO's	5
Threshold	40
Target %	90
No. of students scored <40	1
No. of students scored 40-59	20
No. of students scored 60-79	3
No. of students scored ≥ 80	0

Course: Core Practical – I (22UPH2CL)

Class Strength=19	Internal	ESE
No of CO's	5	5
Threshold	40	40
Target %	70	70
No. of students scored <40	2	2
No. of students scored 40-59	7	2
No. of students scored 60-79	3	3
No. of students scored ≥ 80	7	12

Course: Core practical 2 (21UPH4CM)

Class Strength=16	Internal	ESE
No of CO's	5	5
Threshold	40	40
Target %	90	90
No. of students scored <40	0	0
No. of students scored 40-59	1	1
No. of students scored 60-79	5	2
No. of students scored ≥ 80	10	13

Course: 20UPH6CN- Core Practical 3- Practical III-General Experiments

Class Strength=36	Internal	ESE
No of CO's	4	4
Threshold	40	40
Target %	80	80
No. of students scored <40	3	-
No. of students scored 40-59	1	-
No. of students scored 60-79	9	1
No. of students scored ≥ 80	22	34

Course: 20UPH6CO- Core Practical 4- Practical IV-Electronics

Class Strength=36	Internal (AB – 1)	ESE (WH– 1)
No of CO's	5	5
Threshold	40	40
Target %	90	90
No. of students scored <40	1	-
No. of students scored 40-59	4	7
No. of students scored 60-79	22	4
No. of students scored ≥ 80	8	24

Course: 20UPH6CP- Core Practical 5- Practical V- Digital Electronics & Microprocessor

Class Strength=36	Internal	ESE
No of CO's	4	4
Threshold	50	50
Target %	80	80
No. of students scored <40	0	0
No. of students scored 40-59	17	9
No. of students scored 60-79	2	2
No. of students scored ≥ 80	16	25

Course: 21UPH4AL- Allied Physics Practical (Mathematics)

Class Strength=33	Internal	ESE
No of CO's	5	5
Threshold	40	60
Target %	80	80
No. of students scored <40	0	0
No. of students scored 40-59	7	0
No. of students scored 60-79	13	15
No. of students scored ≥ 80	13	18

Course: 21UPH4AL- Allied Physics Practical (Chemistry)

Class Strength=59	Internal	ESE
No of CO's	04	04
Threshold	40	60
Target %	80	80
No. of students scored <40	0	0
No. of students scored 40-59	2	0
No. of students scored 60-79	7	6
No. of students scored ≥ 80	17	20

Class Strength=37	Internal	ESE
No of CO's	5	5
Threshold	90	90
Target %	90	90
No. of students scored <40	0	0
No. of students scored 40-59	1	0
No. of students scored 60-79	1	3
No. of students scored ≥ 80	35	34

Final Programme Outcome Attainment

Course	CIA 1 Target (%)	CIA2 Target (%)	POA % = 25 % of I CIA * + 25 % of II CIA* + 50% of ESE*	Target	Attainment (yes or No)
Core Paper-2- Heat and Thermodynamics (22UPH202)	57.89	88.88	81.43	50	Yes
Core Paper-4- Electricity and Magnetism (21UPH404)	71.42	56.25	57.00	50	Yes
Medical Instrumentation (21UPH4S2)	56.25	81.25	65.62	55	Yes
Core Paper 9- Atomic and Solid-State Physics (20UPH609)	77.4	73.5	87.70	80	Yes
Core Paper 10- Fundamentals of Digital Electronics (20UPH610)	88.8	100	96.25	80	Yes
Core Paper 11- Nuclear Physics (20UPH611)	81.8	78.78	89.75	75	Yes
ME2- Principles of Communication Systems 20UPH6E2)	70.58	69.69	82.20	80	Yes
Introduction to Microprocessor (20UPH6S3)	77.41	74.19	86.5	75	Yes
21UPH4A2-Allied-B- Paper-2-Physics-II (Mathematics)	78.12	71.8	79.00	75	Yes
Allied Paper II – Physics (21UPH4A2) (Chemistry)	85.71	85.18	89.28	80	Yes

Final Programme Outcome Attainment

Practical Courses

Course	Internal (%)	POA % = 50 % of Internal ** + 50% of ESE*	Target	Attainment (yes or No)
Core Paper-1- Practical-1 (22UPH2CL)	89.47	89.4	70	Yes
Core practical 2 (21UPH4CM)	100	100	90	Yes
Core Practical 3- Practical III- General Experiments (20UPH6CN)	91.42	95.71	80	Yes
Core Practical 4- Practical IV- Electronics (20UPH6CO)	97	98.5	90	Yes
Core Practical 5- Practical V- Digital Electronics & μ p (20UPH6CP)	100	100	80	Yes
Allied Physics Practical (Mathematics) (21UPH4AL)	100	100	80	Yes
Allied Physics Practical (Chemistry) (21UPH4AL)	100	100	80	Yes

Final Programme Outcome Attainment

Course	Internal (%)	POA % = 50 % of Internal ** + 50% of ESE*	Target	Attainment (Yes or No)
20UPH6Z1- Project	95	97.5	90	Yes

Women's Rights

Course	POA % = 100% of ESE*	Target	Attainment (yes or No)
NME-2 Women's Rights (21UWRN2) (Mathematics)	100	100	Yes
NME-2 Women's Rights (21UWRN2) (Chemistry)	100	100	Yes

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Coimbatore 641 029

Attainment of Programme Outcomes

PG Programmes

Department: Physics

Academic year: 2022-2023 (EVEN)

Course: Quantum Mechanics (22PPH204)

Class Strength=21	CIA I	CIA 2	ESE
No of CO's	04	04	04
Threshold	50	50	50
Target %	60	60	60
No. of students scored <50	9	16	13
No. of students scored 50-69	5	9	12
No. of students scored 70-79	7	3	11
No. of students scored ≥ 80	16	9	3

Course: Thermodynamics and Statistical Mechanics (22PPH205)

Class Strength=40	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	80	80	80
No. of students scored <50	5	2	3
No. of students scored 50-69	11	9	17
No. of students scored 70-79	8	5	11
No. of students scored ≥ 80	15	23	9

Course: Thin Film Physics, Plasma Physics & Crystal Growth (22PPH206)

Class Strength=39	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	70	70	70
No. of students scored <50	10	2	3
No. of students scored 50-69	10	16	30
No. of students scored 70-79	15	14	4
No. of students scored ≥ 80	2	1	2

Course: Problems in Physics – I (22PPH2E3)

Class Strength=21	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	70	70	70
No. of students scored <50	2	5	3
No. of students scored 50-69	5	7	7
No. of students scored 70-79	3	2	9
No. of students scored ≥ 80	10	6	2

Course: 22PPH2E4- Semiconductor Devices

Class Strength=19	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	55	55	55
No. of students scored <50	10	7	1
No. of students scored 50-69	1	5	6
No. of students scored 70-79	2	1	7
No. of students scored ≥ 80	3	4	4

Course: Communication Physics (21PPH410)

Class Strength=59	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	70	70	70
No. of students scored <50	12	8	3
No. of students scored 50-69	11	8	30
No. of students scored 70-79	8	12	4
No. of students scored ≥ 80	5	9	2

Course: Atomic and Molecular Spectroscopy (21PPH411)

Class Strength=40	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	60	60	60
No. of students scored <50	11	9	3
No. of students scored 50-69	12	12	26
No. of students scored 70-79	6	9	9
No. of students scored ≥ 80	2	7	1

Course: Core Practicals 3- Advanced Experiments (21PPH4CN)

Class Strength=40	Internal	ESE
No of CO's	5	5
Threshold	38	38
Target %	90	90
No. of students scored <50	7	1
No. of students scored 50-69	2	0
No. of students scored 70-79	8	3
No. of students scored ≥ 80	23	36

Course: Core Practicals 4- Special Electronics Experiments (21PPH4CO)

Class Strength=40	Internal	ESE
No of CO's	5	5
Threshold	38	38
Target %	90	90
No. of students scored <50	0	1
No. of students scored 50-69	12	3
No. of students scored 70-79	0	3
No. of students scored ≥ 80	27	33

Course: 21PPH4Z1- Project

Class Strength=41	Internal	ESE
No of CO's	5	5
Threshold	80	80
Target %	80	80
No. of students scored <50	0	0
No. of students scored 50-69	3	4
No. of students scored 70-79	4	5
No. of students scored ≥ 80	34	31

Course: Nuclear and Particle Physics (21PPH412)

Class Strength=40	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	38	38	38
Target %	80	80	80
No. of students scored <50	5	5	1
No. of students scored 50-69	9	19	22
No. of students scored 70-79	19	12	13
No. of students scored ≥ 80	4	3	3

Course: Thin Film Physics, Plasma Physics & Crystal Growth (21PPH4N2)

Class Strength=	CIA I	CIA 2	ESE
No of CO's	5	5	5
Threshold	50	50	50
Target %	70	70	70
No. of students scored <50	11	12	2
No. of students scored 50-69	16	9	9
No. of students scored 70-79	3	9	20
No. of students scored ≥ 80	5	6	7

Course: Core Practical 1: General Experiments (22PPH2CL)

Class Strength=39	Internal	ESE
No of CO's	5	5
Threshold	70	70
Target %	80	80
No. of students scored <50	1	0
No. of students scored 50-69	2	1
No. of students scored 70-79	2	3
No. of students scored ≥ 80	34	35

Course: Core Practical 2: Electronics Experiments (22PPH2CM)

Class Strength=40	Internal	ESE
No of CO's	5	5
Threshold	50	50
Target %	70	70
No. of students scored <50	0	0
No. of students scored 50-69	1	2
No. of students scored 70-79	0	2
No. of students scored ≥ 80	38	35

Final Programme Outcome Attainment

Course	CIA 1 Target (%)	CIA2 Target (%)	POA % = 25 % of I CIA * + 25 % of II CIA * + 50% of ESE*	Target	Attainment (yes or No)
Quantum Mechanics I (22PPH204)	75.67	56.75	65	60	Yes
Thermodynamics & Statistical Mechanics (22PPH205)	87.18	94.87	91.76	80	Yes
Thin Film, Plasma Physics & Crystal Growth (22PPH206)	72.97	93.93	90.44	70	Yes
Problems in Physics – I (22PPH2E3)	90	75	84.11	70	Yes
Semiconductor devices (22PPH2E4)	40	59	71.95	70	Yes
Communication Physics 21PPH410)	70	70	82.5	70	Yes
Atomic and Molecular Spectroscopy (21PPH411)	64.51	75.67	81.20	60	Yes
Nuclear and Particle Physics (21PPH412)	86	87	92.14	90	Yes
Thin Film Physics, Plasma Physics & Crystal Growth (21PPH4N2)	70	70	81	70	Yes

Final Programme Outcome Attainment

Practical Courses

Course	Internal (%)	POA % = 50 % of Internal ** + 50% of ESE*	Target	Attainment (yes or No)
Core Practical 1 : General Experiments (22PPH2CL)	87	90	80	Yes
Core Practical 2 : Electronics Experiments (22PPH2CM)	97.43	93.58	90	Yes
Core Practicals 3- Advanced Experiments (21PPH4CN)	82.5	90	90	Yes
Core Practicals 4 - Special Electronics Experiments (21PPH4CO)	100	98.75	90	Yes

Final Programme Outcome Attainment

Project

Course	Internal	POA % = 50 % of Internal ** + 50% of ESE*	Target	Attainment (Yes or No)
21PPH4Z1- Project	83	84	80	Yes

Attainment of Programme Outcomes and Course Outcomes.

Faculty Name	Signature
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