

1. Details of the Teacher/ Academic :

Name:	SUBHALAKSHMI LAMBA
Date of Birth	July 7, 1966
Date of Joining in IGNOU:	January 18, 2006
Current Designation :	PROFESSOR
Pay Scale as on date :	Rs. 162300/-
Highest Educational Qualifications & Discipline :	Ph. D(Physics)

2. Honour/Award/Fellowship/membership of Professional body/ Statutory body (internal/ external) received by the Teacher/ Academic:

Name of the recipient	Honour /Award/ Fellowship name/ membership of Professional body/ Statutory body	Agency name /Name of statutory body/ institution/ Apex body	Period
Subhalakshmi Lamba	Gold Medal For Best Research Paper, IGNOU	INDIAN BANK	2007

3. Books/Book Chapter:

- Co-author/co-editor if any, title, place of publication, publisher, Year, page (no) s, ISBN No

S.N o.	Name of Author1/ Editor 1, & Co- author (s) / Co-editor (s) (if any)	Title of chapter/book	Place of publication	Publisher	Year	Total Pages	ISBN No.
Course : Elementary Mechanics, Program: B. Sc, Course Code: BPHE-101							
1.	Subhalakshmi Lamba	Newton's Laws of Motion and Force	New Delhi	IGNOU	2011	28	978-81266-5299-0
2.	Subhalakshmi Lamba	Applying Newton's Laws	New Delhi	IGNOU	2011	40	978-81266-5299-0
3.	Subhalakshmi Lamba	Linear Momentum and Impulse	New Delhi	IGNOU	2011	24	978-81266-5299-0
4.	Subhalakshmi Lamba	Work and Kinetic Energy	New Delhi	IGNOU	2011	40	978-81266-5747-6
5.	Subhalakshmi Lamba	Conservation of Energy and Potential Energy	New Delhi	IGNOU	2011	54	978-81266-5747-6
6.	Subhalakshmi Lamba	Motion under Central Forces	New Delhi	IGNOU	2011	46	978-81266-6034-6
7.	Subhalakshmi Lamba	Dynamics of Many-particle Systems	New Delhi	IGNOU	2011	44	978-81266-6034-6

8.	Subhalakshmi Lamba	Conservation Laws for Many-particle Systems	New Delhi	IGNOU	2011	50	978-81266-6034-6
Course : Mathematical Methods in Physics I, Program: B. Sc, Course Code: BPHE-104							
9.	Subhalakshmi Lamba and Vijayshri	Vector Algebra – I	New Delhi	IGNOU	2017	32	978-93-86607-28-7
10.	Subhalakshmi Lamba and Vijayshri	Vector Algebra – II	New Delhi	IGNOU	2017	48	978-93-86607-28-7
11.	Subhalakshmi Lamba	Vector Differential Calculus	New Delhi	IGNOU	2017	48	978-93-86607-28-7
12.	Subhalakshmi Lamba	Vector Fields, Divergence and Curl	New Delhi	IGNOU	2017	46	978-93-86607-28-7
13.	Subhalakshmi Lamba	Integration of Vector Functions	New Delhi	IGNOU	2017	20	978-93-86607-66-9
14.	Subhalakshmi Lamba	Double and Triple Integrals	New Delhi	IGNOU	2017	30	978-93-86607-66-9
15.	Subhalakshmi Lamba	Line Integrals	New Delhi	IGNOU	2017	34	978-93-86607-66-9
16.	Subhalakshmi Lamba	Surface and Volume Integrals	New Delhi	IGNOU	2017	34	978-93-86607-66-9
17.	Subhalakshmi Lamba	सदिश क्षेत्र, डाइवर्जेंस और कर्ल	New Delhi	IGNOU	2017	48	978-93-86607-67-6
Laboratory Techniques in Physics; Program: CPLT; Course Code: CLT-104							
18.	Subhalakshmi Lamba	Electrical Components and Circuits	New Delhi	IGNOU	2016	30	978-93-81600-99-0
Course : Basic Experiments in Physics; Program: CPLT; Course Code: CLTL-104							
19.	Subhalakshmi Lamba	Working with Sources of Light & Optical Instruments	New Delhi	IGNOU	2018	8	978-93-86607-67-6
Course : Mechanics; Program: BSCG; Course Code: BPHCT 131							

20.	Subhalakshmi Lamba	Vector Algebra I	New Delhi	IGNOU	2019	26	978-93-89499-90-2
21.	Subhalakshmi Lamba	Vector Algebra II	New Delhi	IGNOU	2019	28	978-93-89499-90-2
22.	Subhalakshmi Lamba and Vijayshri	Newton's Laws of Motion and Force	New Delhi	IGNOU	2019	22	978-93-89499-91-9
23.	Subhalakshmi Lamba and Vijayshri	Applying Newton's Laws	New Delhi	IGNOU	2019	30	978-93-89499-91-9
24.	Subhalakshmi Lamba and Vijayshri	Gravitation	New Delhi	IGNOU	2019	22	978-93-89499-91-9
25.	Subhalakshmi Lamba and Vijayshri	Linear Momentum and Impulse	New Delhi	IGNOU	2019	16	978-93-89499-91-9
26.	Subhalakshmi Lamba and Vijayshri	Work and Kinetic Energy	New Delhi	IGNOU	2019	28	978-93-89499-91-9
27.	Subhalakshmi Lamba and Vijayshri	Potential Energy and Conservation of Energy	New Delhi	IGNOU	2019	27	978-93-89499-91-9
28.	Subhalakshmi Lamba and Vijayshri	Kinematics of Angular Motion	New Delhi	IGNOU	2019	24	978-93-89499-92-6
29.	Subhalakshmi Lamba and Vijayshri	Dynamics of Rotational Motion	New Delhi	IGNOU	2019	36	978-93-89499-92-6
30.	Subhalakshmi Lamba and Vijayshri	Motion under Central Forces	New Delhi	IGNOU	2019	30	978-93-89499-92-6
31.	Subhalakshmi Lamba and Vijayshri	Dynamics of Many-Particle Systems	New Delhi	IGNOU	2019	28	978-93-89499-92-6
32.	Subhalakshmi Lamba and Vijayshri	Conservation Laws for many Particle Systems	New Delhi	IGNOU	2019	31	978-93-89499-92-6
Course : Electricity and Magnetism; Program: BSCG; Course Code: BPHCT 133							
33.	Subhalakshmi Lamba	Scalar Fields and their Gradient	New Delhi	IGNOU	2020	22	978-93-89969-56-6

34.	Subhalakshmi Lamba	Vector Fields , Divergence and Curl	New Delhi	IGNOU	2020	32	978-93-89969-56-6
35.	Subhalakshmi Lamba	Integration of Vector Functions and Line Integrals	New Delhi	IGNOU	2020	34	978-93-89969-56-6
36.	Subhalakshmi Lamba	Surface and Volume Integrals	New Delhi	IGNOU	2020	35	978-93-89969-56-6
37	Subhalakshmi Lamba	सदिश क्षेत्र, डाइवर्जेंस और कर्ल	New Delhi	IGNOU	2020	32	978-93-89969-53-5
Course : Thermal Physics and Statistical Mechanics; Program: BSCG; Course Code: BPHCT 135							
38.	Subhalakshmi Lamba	Classical Statistics	New Delhi	IGNOU	2020	20	978-81-948104-3-8
Course : Thermal Physics and Statistical Mechanics: Laboratory; Program: BSCG; Course Code: BPHCL 136							
39.	Parthasarathy and Subhalakshmi Lamba	Determination of the Coefficient of Thermal Conductivity of a Bad Conductor by Lee and Charlton's Disc Method	New Delhi	IGNOU	2020	8	978-93-90496-34-1
40.	Parthasarathy and Subhalakshmi Lamba	Determination of the Coefficient of Thermal Conductivity of Copper by Searle's Apparatus	New Delhi	IGNOU	2020	8	978-93-90496-34-1
41.	Parthasarathy and Subhalakshmi Lamba	Determination of Stefan's Constant using Black-Body Radiation	New Delhi	IGNOU	2020	10	978-93-90496-34-1
Course : Waves and Optics: Laboratory; Program: BSCG; Course Code: BPHCL 138							
42.	Vandana Luthra and Subhalakshmi Lamba	Cauchy's Constants of the Material of a Prism	New Delhi	IGNOU	2022	8	978-93-5568-426-4

43.	Vandana Luthra and Subhalakshmi Lamba	Study of Single Slit Diffraction of a Laser using Photo Sensor	New Delhi	IGNOU	2022	5	978-93-5568-426-4
Course : Elements of Modern Physics; Program: BSCG; Course Code: BPHET 141							
44.	Subhalakshmi Lamba	Birth of Quantum Physics	New Delhi	IGNOU	2022	37	978-93-5568-219-2
45.	Subhalakshmi Lamba	Wave-Particle Duality	New Delhi	IGNOU	2022	22	978-93-5568-219-2
46.	Subhalakshmi Lamba	The Uncertainty Principle and its Consequences	New Delhi	IGNOU	2022	28	978-93-5568-219-2
47.	Subhalakshmi Lamba	Schrodinger Equation	New Delhi	IGNOU	2022	38	978-93-5568-219-2
48.	Subhalakshmi Lamba	Observables and Operators	New Delhi	IGNOU	2022	41	978-93-5568-219-2
49.	Subhalakshmi Lamba	Particle in a Box	New Delhi	IGNOU	2022	24	
50.	Subhalakshmi Lamba	Barrier Potential	New Delhi	IGNOU	2022	24	
51.	Subhalakshmi Lamba	Finite Potential Well	New Delhi	IGNOU	2022	17	
Course : Classical Mechanics I; Program: MSCPH; Course Code: MPH-002							
52.	Subhalakshmi Lamba	Elementary Principles of Mechanics: A Revision	New Delhi	IGNOU	2024	33	978-93-6106-297-1
53.	Subhalakshmi Lamba	Constrained Motion And The D'Alembert's Principle	New Delhi	IGNOU	2024	29	978-93-6106-297-1
54.	Subhalakshmi Lamba	Lagrange's Equations And Its Applications	New Delhi	IGNOU	2024	31	978-93-6106-297-1
55.	Subhalakshmi Lamba	Hamilton's Principle	New Delhi	IGNOU	2024	27	978-93-6106-297-1
Course : Quantum Mechanics I; Program: MSCPH; Course Code: MPH-004							
56.	Subhalakshmi Lamba	The Uncertainty Principle and its Consequences	New Delhi	IGNOU	2024	22	978-93-6106-012-0

57.	Subhalakshmi Lamba	Schrodinger Equation	New Delhi	IGNOU	2024	28	978-93-6106-012-0
58.	Subhalakshmi Lamba	Birth of Quantum Physics	New Delhi	IGNOU	2024	32	978-93-6106-012-0
59.	Subhalakshmi Lamba	Wave-Particle Duality	New Delhi	IGNOU	2024	41	978-93-6106-012-0
60.	Subhalakshmi Lamba and M. B. Newmai	Simple One-Dimensional Potentials-I	New Delhi	IGNOU	2024	40	978-93-6106-012-0
61.	Subhalakshmi Lamba	Simple One-Dimensional Potentials-II	New Delhi	IGNOU	2024	40	978-93-6106-012-0
62.	Subhalakshmi Lamba	Simple Harmonic Oscillator-I	New Delhi	IGNOU	2024	32	978-93-6106-012-0
63.	Subhalakshmi Lamba	Spherically Symmetric Potentials	New Delhi	IGNOU	2024	24	978-93-6106-012-0
64.	Subhalakshmi Lamba	The Hydrogen Atom	New Delhi	IGNOU	2024	26	978-93-6106-012-0
65.	T. R. Seshadri and Subhalakshmi Lamba	State Vectors and Linear Operators	New Delhi	IGNOU	2024	36	978-93-6106-287-2
66.	T. R. Seshadri and Subhalakshmi Lamba	Observables and Quantum Dynamics	New Delhi	IGNOU	2024	28	978-93-6106-287-2
67.	T. R. Seshadri and Subhalakshmi Lamba	Simple Harmonic Oscillator-II	New Delhi	IGNOU	2024	22	978-93-6106-287-2
68.	T. R. Seshadri and Subhalakshmi Lamba	Angular Momentum	New Delhi	IGNOU	2024	24	978-93-6106-287-2
69.	T. R. Seshadri and Subhalakshmi Lamba	Spin Angular Momentum	New Delhi	IGNOU	2024	28	978-93-6106-287-2
Course : Classical Mechanics II; Program: MSCPH; Course Code: MPH-006							

70.	Subhalakshmi Lamba	Symmetry Transformations and Noether's Theorem	New Delhi	IGNOU	2024	23	978-93-6106-643-6
71.	Subhalakshmi Lamba	Hamilton's Equations of Motion	New Delhi	IGNOU	2024	33	978-93-6106-643-6
72.	Subhalakshmi Lamba	Hamiltonian Phase Space and Applications	New Delhi	IGNOU	2024	24	978-93-6106-643-6
73.	Subhalakshmi Lamba	Hamilton's Equations from Variational Principles	New Delhi	IGNOU	2024	20	978-93-6106-643-6
74.	Subhalakshmi Lamba	Action Angle Variables	New Delhi	IGNOU	2024	26	978-93-6106-094-6
Course : Quantum Mechanics II; Program: MSCPH; Course Code: MPH-008							
75.	T. R. Seshadri and Subhalakshmi Lamba	Symmetry in Quantum Mechanics-I	New Delhi	IGNOU	2024	30	978-93-6106-219-3
76.	T. R. Seshadri and Subhalakshmi Lamba	Symmetry in Quantum Mechanics-II	New Delhi	IGNOU	2024	34	978-93-6106-219-3
77.	T. R. Seshadri and Subhalakshmi Lamba	Identical Particles	New Delhi	IGNOU	2024	40	978-93-6106-219-3
78.	T. R. Seshadri and Subhalakshmi Lamba	Addition of Angular Momenta	New Delhi	IGNOU	2024	34	978-93-6106-219-3
79.	Tabish Qureshi and Subhalakshmi Lamba	Time-Independent Perturbation Theory	New Delhi	IGNOU	2024	44	978-93-6106-219-3
80.	Subhalakshmi Lamba	The Variational Method	New Delhi	IGNOU	2024	26	978-93-6106-219-3
81.	Tabish Qureshi and	The WKB Method	New Delhi	IGNOU	2024	29	978-93-6106-219-3

	Subhalakshmi Lamba						
82.	Tabish Qureshi and Subhalakshmi Lamba	Time-Dependent Perturbation Theory-I	New Delhi	IGNOU	2024	28	978-93-6106-947-5
83.	Tabish Qureshi and Subhalakshmi Lamba	Time-Dependent Perturbation Theory-II	New Delhi	IGNOU	2024	26	978-93-6106-947-5
84.	Tabish Qureshi and Subhalakshmi Lamba	Scattering	New Delhi	IGNOU	2024	31	978-93-6106-947-5

4. Research Articles/Publications:

S.No .	Author/ Co-author (if any)	Title	Name of Journal	Vol ume	page no. (s)	Year	ISSN No
1.	G Vashisht, , V Kumar, M. Bala, Z. Hussein, V. R. Reddy, S. Lamba and S. Annapoorni	Domain observation in electrochemically deposited FeCo nano-rods by MOKE microscopy and micromagnetics	<i>Journal of Magnetism and Magnetic Materials</i>	497	166064	2020	0304-8853
2.	R. Goyal, S. Lamba , S. Annapoorni	Modelling of strain induced magnetic anisotropy in Au additive FePt thin films	<i>Progress in Natural Science: Materials International</i>	29	517	2019	1002-0071
3.	R. Goyal, R. Gupta, A. Negi, K. Asokan, D. Kanjilal , S. Lamba , S. Annapoorni	Modelling of pinning-depinning reversal mechanism in ion-irradiated Co/Al ₂ O ₃ thin films.	<i>Physica Status Solidi (A)</i>	215	1800141	2018	1862-6300
4.	R. Goyal,	Exchange hardening in	<i>Journal of</i>	695	1014	2017	0925-

	N. Arora, A. Kapoor , S. Lamba , S. Annapoorni	FePt/Fe ₃ Pt dual exchange spring magnet: Monte Carlo modeling.	<i>Alloys and Compounds</i>		-1019		8388
5.	R. Goyal, A. Kapoor , S. Lamba , S. Annapoorni	Origin of open recoil curves in L ₁₀ -A1 FePt exchange coupled nanocomposite thin film.	<i>Journal of Magnetism and Magnetic Materials</i>	418	200-205	2016	0304-8853
6.	R. Goyal, S. Lamba , S. Annapoorni	Growth of cobalt nanoparticles in Co-Al ₂ O ₃ thin films deposited by RF sputtering.	<i>Physica Status Solidi (A)</i>	213	1309-1316	2016	1862-6300
7.	R. Goyal, N. Sehdev, S. Lamba , S. Annapoorni	Nucleation controlled magnetization reversal mechanism in oriented L ₁₀ FeCoPt ternary alloys.	<i>Solid State Communications</i>	226	44-50	2016	0038-1098
8.	R. Medwal, N. Sehdev, S. Lamba , A. Banerjee, S. Annapoorni	Room temperature coercivity and interaction effects in L ₁₀ FePt nanoparticles.	<i>Journal of Physics D: Applied Physics</i>	47	355002	2014	0022-3727
9.	S. Gokhale, S. Lamba , N. Kumari, B. Singh, D. K. Awasthi, S.K.Kulkarni	Modifying the morphology and magnetic properties of magnetite nanoparticles using swift heavy ion irradiation.	<i>Nuclear Instruments and Methods in Physics Research B</i>	333	64-68	2014	0168-9002
10	R. Malik, N. Sehdev, S. Lamba , P. Sharma, A. Makhino, S. Annapoorni	Magnetic memory effects in nickel ferrite/polymer nanocomposites.	<i>Applied Physics Letters</i>	104	122407	2014	0003-6951
11	R. Malik, S. Annapoorni, S. Lamba , S. Mahmood, S. Rawat	Dispersion of laser droplets using H ⁺ ions and annealing effect on pulsed laser deposited nickel ferrite thin films.	<i>Applied Physics A- Materials Science and Processing,</i>	105	233-238	2011	0947-8396
12	R.Malik, S.	Mössbauer and	<i>Journal of</i>	322	3742-	2010	0304-

	Annapoorni, S. Lamba , V. R. Reddy, A. Gupta, P. Sharma, A. Inoue	magnetic studies in nickel ferrite nanoparticles: Effect of size distribution.	<i>Magnetism and Magnetic Materials</i>		3747		8853
13	R. Malik, S. Lamba, R. K. Kotnala, S. Annapoorni	Role of anisotropy and interactions in magnetic nanoparticle systems.	<i>European Physical Journal B</i>	74	75-80	2010	1434- 6028
14	Rakesh Malik , S. Annapoorni, S. Lamba , P. Sharma, A. Inoue	Competing Magnetic Interactions in Nickel Ferrite Nanoparticle clusters: Role of Particle Size.	<i>Journal of Applied Physics</i>	104	06431 7	2008	0021- 8979
15	R. Sharma, R. Malik, S. Lamba , S. Annapoorni	Metal oxide/ PANI nanocomposites: cluster size and composition dependent structural and magnetic properties.	<i>Bulletin of Material Science</i>	31	409- 413	2008	0973- 7669
16	A. Alqudami, S Annapoorni, S. Lamba , R K Kotnala, PC. Kothari	Magnetic properties of iron nanoparticles prepared by exploding wire technique.	<i>Journal of Nanoscience and Nanotechnolo gy</i>	7	1898- 1903	2007	1533- 4880
17	K. P. Singh, S. Lamba , S. K. Joshi, Sushil Lamba	Role of defects in transport through a quantum dot SET.	<i>Journal of Applied Physics</i>	99	12450 3	2006	0021- 8979
18	R. Sharma, S. Lamba , Komilla Suri, R. P. Tandon , B. V. Kumaraswami , S. Annapoorni.	Magnetic relaxation studies in organic- inorganic nano clusters.	<i>Journal of Applied Physics</i>	99	02431 1	2006	0021- 8979
19	R. Sharma, C. Pratima, S. Lamba , S. Annapoorni	Interaction effects in magnetic nanoparticle systems	<i>Pramana - Journal of Physics</i>	65	739- 743	2005	0304- 4289
20	S. Lamba	Reply to comment on "Dipolar interaction energy for a system of magnetic nanoparticles"	<i>Physica Status Solidi B</i>	242	2958	2005	0370- 1972

21	R. Sharma, S. Lamba , S. Annapoorni	Magnetic properties of polypyrrole coated iron - oxide nanoparticles	<i>Journal of Physics D</i>	38	3354	2005	0022-3727
22	R. Sharma, S. Lamba , S. Annapoorni, P. Sharma , A. Inoue	Composition dependent magnetic properties of iron-oxide - polyaniline nanoclusters	<i>Journal of Applied Physics</i>	97	014311	2005	0021-8979
23	S. Lamba	Dipolar interaction energy for a system of magnetic nanoparticles	<i>Physica Status Solidi B</i>	241	3022	2004	0370-1972
24	S. Lamba , S. Annapoorni	Single domain magnetic arrays : Role of disorder and interactions	<i>European Physical Journal B</i>	39	19	2004	1434-6028
25	S. Lamba , S. K. Joshi	Temperature dependent photoluminescence in self assembles In - As quantum dot arrays	<i>Physica Status Solidi B</i>	239	353	1999	0370-1972
26	S. Lamba , Deepak Kumar	Dilectric properties of the Coulomb gas	<i>Physical Review B</i>	59	4766	1999	2469-9950
27	S. Lamba , Deepak Kumar	Variable range hopping : Role of Coulomb interactions	<i>Physical Review B</i>	59	4752	1999	2469-9950
28	S. Lamba , Ashok K Rastogi, Deepak Kumar	Ferromagnetism of Anderson localized electrons: Application to cluster compounds	<i>Physical Review B</i>	56	3251	1997	2469-9950

5. Policy Documents Reports/ Mimeos: NA

SNo.	Title	Institution/ Agency	Year
1.			
2.			
3.			

6. MOOCs/ eSLMs/ eModules developed : NA

SNo.	Author/ Co-author (if any)	Title	Credits	Level	Host Portal: (SWAYAM/ NPTEL/ NMEICT/ ePG Pathshala/ Any Other)	Year	Weblink

7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)

SNo.	Author/ Co author	Title of presentation,	Name Organizing	Conference	City	Date and Year
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	(if any)	/Talk/Lecture	institute			

8. Consultancy assignment (if any): NA

SNo.	Organization/ agency	Cost, title of consultancy	Duration

9. Details of Institution/ Government/ Industry / own Institution Sponsored Research Projects (including Programme Evaluation) and Amount (Both completed and ongoing):

SNo.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed
1.	IUAC	Rs. 2,00,000	2014-2017	Completed
2.	SERB,DST	Rs. 2081225/-	07-07-2020 to 06-02-2023	Completed

10. Details of PhD and MPhil Scholars (including those awarded degree):

SNo.	Name and enrolment no:	Year of registration	Year of completion/ award
1.	Rajan Goyal	2013	2018

11. Details of Programmes/ Courses coordinated/ written/ edited/ translated if applicable):

S.No.	Programme	Course	Unit (print)/ Audio/Video/ eSLM	Coordinated/Written / Edited (content/ language/ format)/ Translated	Period
Program Coordination					
1.	Doctoral Program in Physics			Program Coordinator	2012 till date
2.	M.Sc.(Physics)			Joint Program Coordinator	2021 till date
Course Coordination					
3.	Pre-Ph.D Course Work	Computational Techniques	Taught	Joint Course Coordinator	2017 till date
4.	Pre-Ph.D Course Work	Nanotechnology	Taught	Joint Course Coordinator	2017 till date
5.	Pre-Ph.D Course Work	Material Science		Joint Course Coordinator	2017 till date
6.	Pre-Ph.D Course Work	Condensed Matter Physics		Joint Course Coordinator	2017 till date
7.	B. Sc	BPHE-101 Elementary Mechanics		Joint Course Coordinator	2013 Till Date

8.	B. Sc	BPHE-104 Mathematical Methods in Physics-I		Course Coordinator	2013 Till Date
9.	B. Sc	PHE-05 Mathematical Methods in Physics-II		Course Coordinator	2016 Till Date
10.	B. Sc	PHE-11 Modern Physics		Joint Course Coordinator	2018 till Date
11.	B. Sc	PHE-13 Physics of Solids		Course Coordinator	2010 till Date
12.	B. Sc	PHE-14 Mathematical Methods in Physics-III		Joint Course Coordinator	2018 till Date
13.	B. Sc-CBCS	Mechanics		Joint Course Coordinator	2018 till Date
14.	B. Sc-CBCS	Thermal Physics and Statistical Mechanics		Joint Course Coordinator	2019 till Date
15.	B. Sc-CBCS	Wave and Optics :Laboratory		Joint Course Coordinator	2019 till Date
16.	B. Sc-CBCS	Elements of Modern Physics		Joint Course Coordinator	2019 till Date
17.	B. Sc-CBCS	Elements of Modern Physics: Laboratory		Joint Course Coordinator	2019 till Date
18.	M. Sc. (Physics)	Classical Mechanics-I		Joint Course Coordinator	2021 till date
19.	M. Sc. (Physics)	Classical Mechanics-II		Joint Course Coordinator	2021 till date
20.	M. Sc. (Physics)	Quantum Mechanics-I		Joint Course Coordinator	2021 till date
21.	M. Sc. (Physics)	Quantum Mechanics-II		Joint Course Coordinator	2021 till date
22.	M. Sc. (Physics)	Condensed Matter Physics		Joint Course Coordinator	2021 till date
22.	M. Sc. (Physics)	Computational Physics		Joint Course Coordinator	2021 till date

23.	M. Sc. (Physics)	Nuclear and Particle Physics		Joint Course Coordinator	2021 till date
24.	M. Sc. (Physics)	Material Science		Joint Course Coordinator	2021 till date
25.	M. Sc. (Physics)	Nanoscienc e		Joint Course Coordinator	2021 till date
Unit Writing					
26.	BPHE-101	Elementary Mechanics	8(E) Units	Writing and Artwork	2006-2011
27.	BPHE-104	Mathematic al Methods in Physics-I	8(E) Units	Writing and Artwork Translation(One Unit)	2011-2017
28.	BPHCT-131	Mechanics	13(E) Units	Writing and Artwork	2015-2019
29.	BPHCT-133	Electricity and Magnetism	4(E) Units	Writing and Artwork Translation(One Unit)	2018-2020
30.	BPHCT-135	Thermal Physics and Statistical Mechanics	3(E) Units	Writing	2018-2020
31.	BPHCL-136	Thermal Physics and Statistical Mechanics: Laboratory	3(E) Experiments	Writing	2018-2020
32.	BPHCL-138	Waves and Optics: Laboratory	2(E) Experiments	Writing	2020-2022
33.	BPHET-141	Elements of Modern Physics	8(E) Units	Writing and Artwork Translation (Five Units)	2020-2022
34.	BPHEL-142	Elements of Modern Physics: Laboratory	10(E)	Vetting, Artwork and Translation(10 Experiments)	2020-2022
35.	MPH-002	Classical Mechanics -I	4(E) Units	Writing and Artwork (Four Units)	2022-2024
36.	MPH-006	Classical Mechanics -II	5(E) Units	Writing and Artwork (Five Units)	2022-2024
37.	MPH-004	Quantum Mechanics -I	14(E) Units	Writing and Artwork (Fourteen Units)	2022-2024
38.	MPH-008	Classical Mechanics -II	10(E) Units	Writing and Artwork (Ten Units)	2022-2024

12. Training programmes designed and conducted, duration and dates

SNo.	Programme	Dates	Place	Number of Participants
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1.	Counsellors Orientation Program	21-22 October, 2016	Delhi	
2.	Counsellors Orientation Program	18-19 November, 2016	Shillong	58
3.	Counsellors Orientation Program	18-19 November, 2016	Kochi	39
4.	Revision Workshop for B.Sc Courses	24-25 October, 2007	Delhi	25
5.	Revision Workshop for B.Sc Courses	21-22 January, 2008	Chennai	20

13. Details of Counselling sessions conducted:

S No.	Programme	Course	Place	Dates	Duration	Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
1.	B.Sc	BPHE-104/PHE-04 Mathematical Methods in Physics-I	New Delhi	2007-2014	12 sessions of 45 minutes each	Teleconference
2.	B.Sc	PHE-05 Mathematical Methods in Physics-I	New Delhi	2007-2014	12 sessions of 45 minutes each	Teleconference
3.	B. Sc	PHE-13 Physics of Solids	New Delhi	2007-2014	8 sessions of 45 minutes each	Teleconference
4.	B. Sc	BPHE-101/PHE-01 Elementary Mechanics	New Delhi	2007-2014	2 sessions of 45 minutes each	Teleconference
5.	B. Sc	PHE-11 Modern Physics	New Delhi	2007-2014	1 session of 45 minutes	Teleconference
6.	B.Sc	General Physics	New Delhi	2017-2022	10 sessions of 50 minutes	Radio Counselling
7.	M.Sc	Physics	New Delhi	2022-2024	6 sessions of 50 minutes	Radio Counselling

14. Details of Patents granted (if any): NA

15. Contribution to IGNOU's corporate life:

SNo.	Chairperson/ Member Committee	of	Name of the Committee	Date/ period
1.				

16. Administrative position/s held in the University (even as in charge)

SNo.	Designation	Period

17. Any other contribution/information

Signature of Teacher /Academic