

PROFILE

Name of Firm Department of Physics.
2004 -

Tel.: _____

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Anupam®

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Location: Tamilnadu, India
Date: 22-May-2023 16:40:28



Board of Studies in Physics. कार्यकारी मंडळाचे
Full Fledged (with External members)

MEETING NO. / सभा नं ५१

DATE / तारीख

25/2/14

RESOLUTION
NO.

PRESENT MEMBERS AND RESOLUTIONS

REMARKS

ठराव नं

हजर सभासद व ठराव

शेरा

The full fledged Board of Studies in Physics with external members was convened by the Head, Department of Physics in his Chamber at 9.30 Am

The meeting started with a short welcome and introductory address by the Head.

The modified syllabi for MPhil, MSc & BSc courses were put up for discussion

The following suggestions were made.

I

M.Phil Syllabus:

1.) In the guide paper "Lasers and Nanomaterials in Medicine" - the title of the paper should be modified, unit V overlap with topics in Research Methodology.

2.) In the guide paper "Nanoscience & Nanotechnology" title should be changed to "Nanoscience & its Applications" to reflect properly the content of the syllabus

3.) In the guide paper "Nonlinear Dynamics: Integrability Solitons & chaos", should be altered as Nonlinear Dynamics: chaos, Integrability & solitons to reflect the distribution of units.

4.) In the guide paper "Ultra sound and its Applications" should be ^{named} properly ~~title~~ title of the paper itself to be modified. [Dr. R.R.M.]

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RESOLUTION NO. ठराव नं	PRESENT MEMBERS AND RESOLUTIONS हजर सभासद व ठराव	REMARKS शेरा
	5.) In guide paper "Ultrasonids & Applications" (Dr M.T) the title should be changed to "Ultrasonis and its Applications & Inderscience ".	
	6.) Energy Physis (guide paper Dr. CH). - units I, III & IV concerned with materials science to be changed.	
II	MSc. Physics (Physics)	
	1.) In Nuclear & Particle Physics (Sem -III core IX) in unit -I Binding Energy /nucleon, stability Curve to be included in unit -III α - Egn to be included after Nuclear Chain Reactions in unit -IV Reactors to be included in unit -V Elementary Particles, Gelman Nijishina sequ Egn.	
	2.) In Quantum Mechanics (Sem -III core -X) in Unit -III, Second order Stark Approximation to be removed & W.K.B Approximation to be included	
	3.) In Statistical Mechanics (Sem -III core XI) ensembles should be specified - micro canonical, canonical & Grand Canonical) and partition function should be specified to grand canonical ensemble only.	
	Nonlinear Electronics (Sem III, Extra credit -I) Repetition of Nonlinear terms to avoided.	

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5.) In Electronic Communication (core XIV)
in unit -II Block diagram to be specified

6.) In Sem-I : Core Based Elective I, Crystal Growth
& Thin Films
in Unit -III - Melt method to be given
in unit IV renamed as Preparation of Thin Films
Physical Methods - DC sputtering, Laser Ablation
to be included.
in Unit V - Electron beam Microscopy to be included.

III

BSc Physics

1.) In Properties of Matter -
unit II to be renamed as Determination of Elastic Modulus

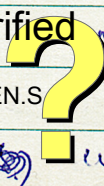
2.) In NME - Physics of Home Appliances
in unit -III - solar water heaters to be included.

3.) In Mechanics - in unit III - repetition of C.G.
to be avoided.
in Unit -IV - to be renamed as Hydromatics
instead of Centre of Pressure & Hydromatics

4.) In Acoustics - unit -III Newton's formula for
velocity of sound in air - Experimental determination
of velocity of sound in water to be stated specifically

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unit-IV - velocity of sound in solids to be included.
to be
unit V - renamed as Acoustical Applications

MINUTE BOOK

Anupam

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RESOLUTION NO. उराव नं	PRESENT MEMBERS AND RESOLUTIONS हजर सभासद व उराव	REMARKS शेरा
	5.) Sem-V : Core IX Practical should read as Electronics & μ P, Practical	
	6.) In Electricity, Magnetism & Electromagnetism - Unit -II, - Laws of Magnetic Induction to be specified. unit -III - named as current electricity - para 3 I & II interchanged - Kirchhoff's Law & Wheatstone's Bridge to be included. unit -IV - Faraday's Law to be included 6.3) - Eddy currents (basic principle alone) to be included. unit V - LCR - parallel ckt to be included. - Power in AC circuits to be deleted.	
	7.) Optics unit -II Geometric optics $\rightarrow$ wrongly written as unit I, Aberrations, Defects in lenses to be included. unit -IV Theory of primary & secondary Rainbow unit V Theory of plane, circularly & elliptically polarized light Fresnel's theory of Double Refraction Similar corrections noted in UG syllabus for other papers to be carried out.	
	Problems in UG & PG papers to be identified and included after consultation with the concerned staff.	

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Self ~~studen~~ Study portions to be identified

Board of Studies Members.

Convenor

Dr. M. Jamal Mohamed Jaffar

External Members

Dr. K. Thamil Maran. (BDU)

Dr. P. Vickraman (GRI)

Dr. C. Ravidhas (BHC)

Dr. A.T. Ravichandran (NC)

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