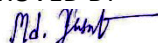


**Sub : Revised course for JRF, Physics in**  
**BARC, Mumbai**

<b>NAME OF THE UNIT</b>	<b>HOMI BHABHA NATIONAL INSTITUTE, (HBNI), MUMBAI</b>		
<b>Date of receipt of synopsis and other documents from the concerned dean</b>	<b>23/02/2022</b>	<b>Date of forwarding to BoS Members for getting recommendation and list of examiners</b>	<b>24/02/2022</b>

BOS MEMBERS	RECOMMENDATIONS OF BOS MEMBERS		RECOMMENDATIONS OF BOS MEMBERS, PHYSICAL SCIENCES, HBNI
	Yes	No	
PROF. S. M. YUSUF, BARC			
Prof. JANE ALAM, VECC			
PROF. Prof. ANSHUMAN MAHARANA, HRI	✓	-	I recommend the revision
Prof. SANDIP KUMAR DHARA, IGCAR	✓	-	There is a small discrepancy in Third Tri-semester Total credit (7+8). Everything else is fine.
PROF. D. INDUMATHI, IMSc.,			
PROF. SHIKHA VARMA, IoP	✓	-	The revised syllabus may be approved.
Prof. SUDIP SENGUPTA, IPR	✓	-	The revised syllabus may be approved.
PROF. B. MOHANTY, NISER			
PROF. K. S. BINDRA, RRCAT	✓	-	I recommend the revised course.
PROF. KUMAR S. GUPTA, SINP	✓	-	I recommend the approval of the revised syllabus.
PROF. G. RAVI KUMAR, HBNI			
PROF. A.K. TYAGI, BARC			
<b>APPROVAL OF PROF. S.M. YUSUF, CONVENER, BOS, PHYSICAL SCIENCES, HBNI</b>	Recommended for revision of course for JRF Physics in BARC, Mumbai.		

APPROVED BY



(S. M. Yusuf)

CONVENER, BoS (Physical Sciences)

**Revised syllabus for Ph.D under Physical Sciences  
discipline at VECC, Kolkata**

<b>NAME OF THE UNIT</b>	VECC. Kolkata		
<b>Date of receipt of documents from HBNI, Mumbai</b>	<b>30/05/2022</b>	<b>Date of forwarding to BoS Members for getting recommendation and list of examiners</b>	<b>02/06/2022</b>

BOS MEMBERS	RECOMMENDATIONS OF BOS MEMBERS		RECOMMENDATIONS OF BOS MEMBERS, PHYSICAL SCIENCES, HBNI
	Yes	No	
PROF. S. M. YUSUF, BARC			
Prof. JANE ALAM, VECC	-	-	No response
PROF. Prof. ANSHUMAN MAHARANA, HRI	✓	-	I recommend the revised syllabus.
Prof. SANDIP KUMAR DHARA, IGCAR	✓	-	I recommend the revised syllabus.
PROF. D. INDUMATHI, IMSc.,	-	-	No response
PROF. SHIKHA VARMA, IoP	✓	-	I recommend the revised syllabus
Prof. SUDIP SENGUPTA, IPR	✓	-	I recommend the revised syllabus.
PROF. B. MOHANTY, NISER	-	-	No response
PROF. K. S. BINDRA, RRCAT	-	-	No response
PROF. KUMAR S. GUPTA, SINP	✓	-	I recommend the revised syllabus for Ph.D under Physical Sciences discipline at VECC, Kolkata.
PROF. G. RAVI KUMAR, HBNI			
PROF. A.K. TYAGI, BARC			
<b>APPROVAL OF PROF. S.M. YUSUF, CONVENER, BOS, PHYSICAL SCIENCES, HBNI</b>			Revision of Physics Syllabus for Ph.D under Physical Sciences discipline at VECC, Kolkata, approved.

APPROVED BY



(S. M. Yusuf)  
CONVENER, BoS (Physical Sciences)

प्रो. बी. के. नायक  
सह डीन

**Prof. B. K. Nayak**  
Associate Dean



होमी भाभा राष्ट्रीय संस्थान

प्रशिक्षण विद्यालय परिसर, अणुशक्तिनगर, मुंबई-400 094, भारत

**Homi Bhabha National Institute**

Training School Complex, Anushaktinagar, Mumbai – 400 094, India

Tel. No. 91-22-25597624 Email: bknayak@hbni.ac.in

Ref: HBNI / BARC / PhD(Phys) / 2022 / 187

February 22, 2022


22

Sub: **Revised Course for JRF Physics of BARC, Mumbai**

A proposal dated February 16, 2022 to change the Physics course for BARC-HBNI Physics PhD Students by incorporating some minor revisions in the earlier approved syllabus has been put up for approval of Board of Studies (Physical Science).

- 1) Email dated February 16, 2022 of Dean Academic (Physical Science), BARC, Mumbai....
- 2) **HBNI-BARC Physics PhD Courses and Credits**
- 3) Course Details

Submitted for kind information and necessary action.

  
22-02-2022  
(B K Nayak)

To,

- 1) Prof S M Yusuf,  
Convener, BOS (Physical Sciences)  
Head, SSPD, BARC, Mumbai.
- 2) Prof Jane Alam,  
Co-convener, BOS (Physical Sciences)  
Head, TPD, VECC, Kolkata.

CC to:

Prof Dinesh Udupa  
Dean Academic (Physical Sciences)  
A&MPD, BARC, Mumbai.

From: "Prakash D Naik" <[deanhbni@hbni.ac.in](mailto:deanhbni@hbni.ac.in)>  
Subject: [Fwd: Sub: Approval of revised courses for JRF Physics students of BARC]  
Date: Wed, February 16, 2022 3:23 pm  
To: [bknayak@hbni.ac.in](mailto:bknayak@hbni.ac.in)  
Cc: [sachinsk@hbni.ac.in](mailto:sachinsk@hbni.ac.in)

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For the necessary action please.

With best regards  
P D Naik

----- Original Message -----  
Subject: Sub: Approval of revised courses for JRF Physics students of BARC  
From: "Dean, Physical & Mathematical Sciences, HBNI" <[deanpms@barc.gov.in](mailto:deanpms@barc.gov.in)>  
Date: Wed, February 16, 2022 12:28 pm  
To: "Dr. P. D. Naik" <[pdnaik@barc.gov.in](mailto:pdnaik@barc.gov.in)>  
Cc: [deanhbni@hbni.ac.in](mailto:deanhbni@hbni.ac.in)

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Dear Prof. Naik,

It is proposed to change the Physics course for BARC-HBNI Physics PhD students by incorporating some minor revisions in the earlier approved syllabus. The revised course details are attached herewith as annexure.

Kindly do the needful for the approval of the revised courses from HBNI.

The hard copy of the proposal is being forwarded to your office.

Thanks & best regards,

Dinesh Udupa  
--

Prof. Dinesh V Udupa  
Dean Academic, Physical and Mathematical Sciences, HBNI  
Atomic & Molecular Physics Division  
Bhabha Atomic Research Centre  
Mumbai 400085, INDIA  
Tel: (022) 25593871, 25592303  
FAX: (022) 25505151

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Prof. P.D. Naik  
Dean, Homi Bhabha National Institute  
Anushaktinagar, Mumbai 400094  
email id: [deanhbni@hbni.ac.in](mailto:deanhbni@hbni.ac.in)  
[pdnaik@barc.gov.in](mailto:pdnaik@barc.gov.in)  
[pdnaik1959@gmail.com](mailto:pdnaik1959@gmail.com)  
Ph: 022 25595398  
Mobile: 09869279233

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**Attachments:**