



**JADAVPUR UNIVERSITY**  
**KOLKATA – 700 032.**  
**NOTICE**

Dated: 05. 04. 2019.

It is for notification of all concerned that the next meeting of the Ph.D. (Sc.) Research Committee (PRC) of the Department of Physics scheduled to be held on Thursday, the 11<sup>th</sup> April, 2019 at 12.00 Noon in the Seminar Room, Department of Physics of this University.

All the members are requested to make it convenient to attend the meeting.

Sd-  
(Dr. Atiskumar Chattopadhyay)  
Principal Secretary  
Faculty Council of Science.

AGENDA:

1. Pre-submission Seminar of the Candidates for submission of the thesis.
2. Any other matter

Members:

1. The Head, Department of Physics, J.U., (Chairman)
2. Prof. Sukhen Das, Department of Physics, J.U., (Member of the Doc.Com).
3. Prof. Basudev Ghosh, Department of Physics, J.U., (Internal Expert)
4. Supervisor(s) concerned (to be invited for items related to candidates working under his/her supervision.)
5. Prof. K. K. Chattopadhyay, Department of Physics, J.U., (Internal Expert)
6. Prof. Nitin Chattopadhyay, Dept. of Chemistry, J. U., (Internal Expert other than the Dept.)
7. Prof. Subodh Kumar De, School of Materials Sciences, I.A.C.S., 2A&B, Raja S.C. Mullick Road, Jadavpur, Kolkata-700032 (External Expert).

CONVENER:

1. The Principal Secretary, Faculty Council of Science, J.U.

*Encl.: (i) List of candidates for Pre-submission seminar for submission of the thesis.*

Copy to:

1. The Head, Dept. of Physics, J.U., Kolkata-700032
2. The Finance officer, J.U., Kolkata – 700032.
3. The Dean, Faculty Council of Science, J.U., Kolkata – 700032.
4. The Principal Secretary, Faculty Council of Science, J.U., Kolkata-700032 – Convener.
5. The Office of the Principal Secretary, Faculty Council of Science, J.U.



a.c./m.a./a.b.

*[Contd.....Page-2]*

**DEPARTMENT OF PHYSICS**

**LIST OF CANDIDATES FOR PRE-SUBMISSION SEMINAR FOR SUBMISSION OF THE THESIS**



List of Candidates for pre-submission seminar for submission of the thesis					
Venue : Department of Physics				Date : 11.04.2019	
Time : 12-00 Noon					
Sl. No.	Name of the candidates [Index No...]	Name of the Supervisor/s	Proposed Title of the Thesis	Date of Registration	Date of Publication of Course Work Result
1.	Sri Susobhan Paul [Index No.: 93/13/Phys./22]	Prof. Asim Kumar Ghosh, Dept. of Physics, J.U., Kolkata-700032.	"Dynamics of spin- <sup>1/2</sup> Heiaenberg chains with spin gap".	03.05.2013	18.09.2013
2.	Sri Tapas Das [Index No.: 134/11/Phys./21]	Prof. Soumen Kr. Roy, Dept. of Physics, J.U., Kolkata-700032 and Dr. Ananda Dasgupta, Dept. of Physical Sc., IISER Kolkata, Mohanpur-741252.	"Some Algebraic Aspects of Light-Matter Interaction".	18.07.2011	14.03.2013
3.	Smt. Sonam Chakraborty [Index No.: 07/15/Phys./23]	Dr. Mrinal Pal, Senior Principal Scientist, C.G.C.R.I., 196, Raja S.C. Mullick Road, Jadavpur, Kolkata-700032.	"Synthesis of multifunctional nanomaterials for detection of toxic gases and volatile organic compounds along with related photocatalytic activities towards dye degradation".	19.01.2015	12.03.2018
4.	Smt. Alpa Kar [Index No.: 65/12/Phys./21]	Prof. Dipak Ghosh, Emeritus Professor, Sir C.V. Raman Centre for Physics and Musics, J.U., Kolkata-700032.	"Assessment of radon and environmental radioactivity - application in seismic surveillance".	30.04.2012	14.03.2013

5.	Smt. Shukla Pal [Index No.: 202/14/Phys./23]	Prof. Aparajita Bhattacharya, Ex- Head, Dept. of Physics, J.U., Kolkata-700032 and Dr. Ballari Chakrabarti, Associate Professor, Dept. of physics, Jogamaya Devi College, 92, S. P. Mukherjee Road, Kolkata 700026 West Bengal, INDIA	"Theoretical Investigation on the State and Dynamic Properties of Exotic hadrons and Hypernuclei".	21.10.2014	16.10.2015
6.	Smt. Sucheta Mondal [Index No.: 58/16/Phys./24]	Dr. Anjan Barman, Senior Professor and Asso. Dean, Dept. of CMP and MS, S.N. Bose National Centre for Basic Sciences, Block- JD, Sector-III, Salt Lake, Kolkata-700106.	"Ultrafast Magnetization Dynamics in Ferromagnetic Thin Film, Heterostructures & Nanostructures".	26.04.2016	24.04.2017
7.	Sri Samiran Choudhury [Index No.: 59/16/Phys./24]	Dr. Anjan Barman, Senior Professor and Asso. Dean, Dept. of CMP and MS, S.N. Bose National Centre for Basic Sciences, Block- JD, Sector-III, Salt Lake, Kolkata-700106.	"Investigation and Control of Gigahertz frequency Spin Wave Dynamics in Magnonic Crystals".	26.04.2016	24.04.2017
8.	Tania Parvin [Index No.: 114/14/Phys./23]	Prof. Brajadulal Chattopadhyay, Dept. of Physics, J.U., Kolkata- 700032.	"The Medicinal implication of a Himalayan herb <i>Gymnadenia orchidis Lindl</i> against type 2 diabetes mellitus".	05.06.2014	31.10.2014

9.	Sri Debkumar Dutta [Index No.: 11/14/Phys./22]	Dr. Jayoti Das, Associate Professor, Dept. of Physics, J.U., Kolkata-700032 and Prof. Sukumar Basu, Retd. Professor, I.I.T. Kharagpur, Kharagpur- 721302, W.B..	"CVD synthesis, characterizations and chemical sensor application of grapheme and its oxide derivative".	06.01.2014	DUPLICATE
<b><i>N.B. : Recommendation for Pre-submission Seminar of one of the supervisor Prof. Sukumar Basu is required.</i></b>					
10.	Sri Bidhan Biswas [Index No.: 04/16/Phys./24]	Prof. Ajay Kumar Ghosh, Dept. of Physics, J.U., Kolkata-700032.	"Studies on the coherence length of superconductors in presence of several intergranular materials".	13.01.2016	10.01.2017
11.	Sri Kuntal Maity [Index No.: 198/15/Phys./24]	Dr. Dipankar Mandal, Asst. Professor, Dept. of Physics, J.U., Kolkata-700032.	"Approach towards the Fabrication of All-Organic Nanogenerator for Self-Powered Electronics and Wearable Human- Health Monitoring".	15.10.2015	10.01.2017
12.	Wahida Rahaman [Index No.: 157/14/Phys./23]	Dr. Pabitra Kr. Paul, Asso. Professor, Dept. of Physics, J.U., Kolkata-700032 and prof. T. R. Middya, Dept. of Physics, J.U., Kolkata-700032.	"Development of Lead free and Flexible Piezoelectric Materials for Sensors Applications".	29.09.2014	16.10.2015

N.B.: All concerned candidates are requested to log on regularly to the University website ([www.jaduniv.edu.in](http://www.jaduniv.edu.in)) for necessary information regarding any changes for the above programmes.

**Sd/-**  
(Dr. Atiskumar Chattopadhyay)  
Principal Secretary  
Faculty Council of Science, J.U.