

Minutes of Meeting of 6th Board of Studies Department of Physics

Central University of Jharkhand, Ranchi

Sixth meeting of Board of Studies of Department of Physics (DoP) was held on 11th September 2021 (2:30 PM onwards) in online mode to discuss and accord different issues of the Department. Below listed members attended the meeting:

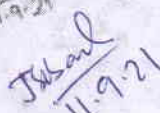
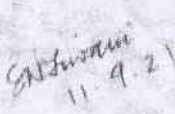
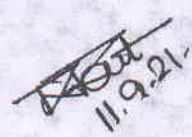
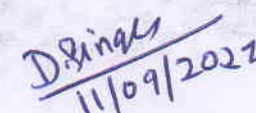
1	Dr. Dharmendra Singh, Head, DoP	Convener & Chairperson
2	Prof. S. N. Tiwari, DEAN, Faculty of Science, Deen Dayal Upadhyay Gorakhpur University,	Member
3	Dr. Rajarshi Raut, Scientist-F UGC DAE, Consortium For Scientific Research (CSR), Kolkata Centre	Member
4	Prof. Piyush Ranjan Das, Dept. of Physics, V.S.S.U.T, Baria, Sambalpur	Member
5	Prof. Sarang Medhekar, Professor, DoP, Dean R&D Cell	Member
6	Prof. Arun Kumar Padhy, Head, DoE& Dean, SNS	Member
7	Prof. Subhash Chandra Yadav, Head, DCS&T	Member
9	Dr. Devdas Lata, Head, DEE	Member
8	Dr. Manoj Kumar, DLS	Member
10	Dr. Gajendra Prasad Singh, Head, DNST	Member
11	Dr. Jitendra Kumar, Co-ordinator, DoM	Member
12	Dr. Bhupendra Singh, Asst. Professor, DoP	Member
13	Dr. Jayanta Kumar Boral, UGC FRP Asst. Prof. DoP	Member

Dr. Dharmendra Singh, Chairperson of the committee warmly welcomed the respected guests (External Experts) and all board members and introduced all members from the University. Prof. Sarang then gave brief introductions of the external members to all board members.

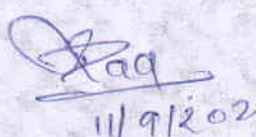
Agenda-wise resolutions made in the meeting are as attached:

Reference no.	Agenda Items
DoP/DOS/ 2021/6/001	Confirmation of the minutes of the 5 th meeting of the Board of Studies held on 18.11.2020. Committee confirmed the minutes of the 5 th meeting of the Board of Studies held on 18.11.2020.

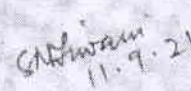
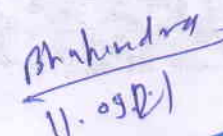
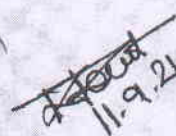


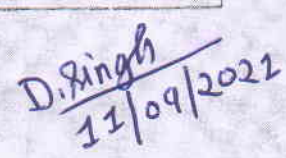







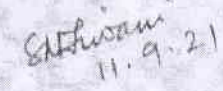
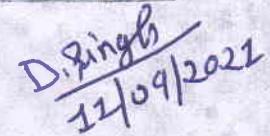
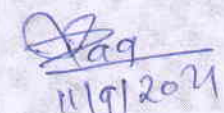
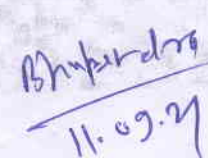
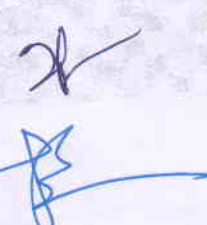


DoP/BOS: 2021/6/002	Action taken report Board of Studies members were briefed on action taken report of last board meeting resolutions by the Chairperson. Board members took a note on the report presented by the Chairperson.																																																																																																																																																
DoP/BOS: 2021/6/003	Number of students admitted in various courses of study in the academic year 2020-2021 The Students admitted in the department for PG and Ph. D. courses in the academic year 2020-2021 are detailed as below Batch 2020 Admitted (MSc 2 years) <table border="1"> <thead> <tr> <th>Sl. NO</th><th>State</th><th>Total</th><th>Male</th><th>Female</th><th>Gen</th><th>OBC</th><th>SC</th><th>ST</th><th>EW S</th><th>PH</th><th>Def ens e</th></tr> </thead> <tbody> <tr> <td>1</td><td>Jharkhand</td><td>02</td><td>01</td><td>01</td><td>01</td><td>00</td><td>01</td><td>00</td><td>00</td><td>00</td><td>00</td></tr> <tr> <td>2</td><td>Bihar</td><td>02</td><td>01</td><td>01</td><td>01</td><td>00</td><td>01</td><td>00</td><td>00</td><td>00</td><td>00</td></tr> <tr> <td>3</td><td>West Bengal</td><td>06</td><td>05</td><td>01</td><td>04</td><td>00</td><td>01</td><td>01</td><td>00</td><td>00</td><td>00</td></tr> <tr> <td>4</td><td>Kerala</td><td>03</td><td>01</td><td>02</td><td>03</td><td>00</td><td>00</td><td>00</td><td>00</td><td>00</td><td>00</td></tr> <tr> <td>5</td><td>Odisha</td><td>26</td><td>22</td><td>06</td><td>10</td><td>09</td><td>02</td><td>02</td><td>04</td><td>00</td><td>01</td></tr> <tr> <td>6</td><td>Madhya Pradesh</td><td>02</td><td>02</td><td>00</td><td>01</td><td>01</td><td>00</td><td>00</td><td>00</td><td>00</td><td>00</td></tr> <tr> <td>Total</td><td></td><td>43</td><td>32</td><td>11</td><td>20</td><td>10</td><td>05</td><td>03</td><td>04</td><td>00</td><td>01</td></tr> </tbody> </table> Batch 2020 Ph.D Scholar Admitted <table border="1"> <thead> <tr> <th>Sl. No</th><th>State</th><th>Total</th><th>Male</th><th>Female</th><th>Gen</th><th>OBC</th><th>SC</th><th>ST</th><th>EW S</th><th>PH</th><th>Def ens e</th></tr> </thead> <tbody> <tr> <td>1</td><td>Uttar Pradesh</td><td>02</td><td>02</td><td>00</td><td>02</td><td>00</td><td>00</td><td>00</td><td>00</td><td>00</td><td>00</td></tr> <tr> <td>2</td><td>Odisha</td><td>05</td><td>03</td><td>02</td><td>02</td><td>02</td><td>01</td><td>00</td><td>00</td><td>00</td><td>00</td></tr> <tr> <td>Total</td><td></td><td>07</td><td>05</td><td>02</td><td>04</td><td>02</td><td>01</td><td>00</td><td>00</td><td>00</td><td>00</td></tr> </tbody> </table> Board members noted the admissions in 2 years M. Sc. Program and admissions in Ph. D. Program.	Sl. NO	State	Total	Male	Female	Gen	OBC	SC	ST	EW S	PH	Def ens e	1	Jharkhand	02	01	01	01	00	01	00	00	00	00	2	Bihar	02	01	01	01	00	01	00	00	00	00	3	West Bengal	06	05	01	04	00	01	01	00	00	00	4	Kerala	03	01	02	03	00	00	00	00	00	00	5	Odisha	26	22	06	10	09	02	02	04	00	01	6	Madhya Pradesh	02	02	00	01	01	00	00	00	00	00	Total		43	32	11	20	10	05	03	04	00	01	Sl. No	State	Total	Male	Female	Gen	OBC	SC	ST	EW S	PH	Def ens e	1	Uttar Pradesh	02	02	00	02	00	00	00	00	00	00	2	Odisha	05	03	02	02	02	01	00	00	00	00	Total		07	05	02	04	02	01	00	00	00	00
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DoP/BOS: 2021/6/004	Ph. D. Award to Mr. Pankaj Kumar Giri (CUJ/P/2014/PHDAP/003) Board members noted the award of Ph. D. degree to Mr. Pankaj Kumar Giri (CUJ/P/2014/PHDAP/003).																																																																																																																																																
DoP/BOS: 2021/6/005	Ph. D. Progress reports of Mr. Anuraj Mahato (CUJ/P/2016/PHDAP/002) Board members noted the progress reports of Mr. Anuraj Mahato (CUJ/P/2016/PHDAP/002) and ratified the recommendation of RAC for continuation of Mr. Anuraj Mahato in the Ph. D. Programme. Further, the committee also agreed with the RAC recommendation that Mr. Mahato may submit his Ph.D. thesis.																																																																																																																																																

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DoP/BOS: 2021/6/006	Ph.D. Progress reports, result of course work and synopsis of Mr. Manohar Lal (19160201002). Board members noted satisfactory progress reports and approved the course work result and synopsis of Mr. Manohar Lal (19160201002).
DoP/BOS: 2021/6/007	Ph.D. Progress reports, result of course work and synopsis of Mr. Nilaksha Ghosh (19160201003). Board members noted satisfactory progress reports and approved the course work result and synopsis of Mr. Nilaksha Ghosh (19160201003).
DoP/BOS: 2021/6/008	Ph.D. Progress reports, result of course work and synopsis of Mr. Nitin Sharma (19160201004). Board members noted satisfactory progress reports and approved the course work result and synopsis of Mr. Nitin Sharma (19160201004).
DoP/BOS: 2021/6/009	Ph.D. Progress reports, result of course work and synopsis of Ms. Pooja Sharma (19160201005). Board members noted satisfactory progress reports and approved the course work result and synopsis of Ms. Pooja Sharma (19160201005).
DoP/BOS: 2021/6/010	Ph.D. Progress reports, result of course work and synopsis of Mr. Rohitash Upadhyay (19160201006). Board members noted satisfactory progress reports and approved the course work result and synopsis of Mr. Rohitash Upadhyay (19160201006).
DoP/BOS: 2021/6/011	Ph.D. admissions of Mr. Jagatjyoti Mohapatra (20160201001), Ms. Lipsa Rani Karna (20160201002), Mr. Lupteindu Chhura (20160201003), Mr. Rajesh Kumar Sahoo (20160201004), Mr. Risabh Sharma (20160201005), Ms. Sangeeta Sahoo (20160201006), and Mr. Siddhartha Solanki (20160201007). Board members looked into the below mentioned documents of Ph. D. scholars • <u>Results Ph. D. Admissions 2020</u> • <u>Fee receipts</u> Board members approved the admission of Ph. D. scholars Mr. Jagatjyoti Mohapatra, Ms. Lipsa Rani Karna, Mr. Lupteindu Chhura, Mr. Rajesh Kumar Sahoo, Mr. Risabh Sharma, Ms. Sangeeta Sahoo, and Mr. Siddhartha Solanki.
DoP/BOS: 2021/6/012	Departmental Research Committee (DRC) of Department of Physics. Board members noted the constitution of Departmental Research Committee (DRC) of Department of Physics.
DoP/BOS: 2021/6/013	Research Advisory Committees and papers of course work of Ph. D. candidates Mr. Jagatjyoti Mohapatra, Ms. Lipsa Rani Karna, Mr. Lupteindu Chhura, Mr. Rajesh Kumar Sahoo, Mr. Risabh Sharma, Ms. Sangeeta Sahoo, and Mr. Siddhartha Solanki. Board members looked into the RACs and assigned course work papers of above mentioned research scholars and approved them.

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 S. K. Singh
 J. S. Singh
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DoP/BOS: 2021/6/014	Ph.D. Progress reports of Mr. Jagajyoti Mohapatra, Ms. Lipsa Rani Karna, Mr. Lupteindo Chhara, Mr. Rajesh Kumar Sahoo, Mr. Risabh Shrivastava, and Mr. Siddhartha Solanki. Board members noted satisfactory progress reports of above mentioned research scholars.
DoP/BOS: 2021/6/015	Resignation/cancellation from the Ph.D. programme Board members noted and approved the resignation submitted by Mr. Abhishek Kumar Mishra (19160201001) from Ph. D. program. Board members also noted and approved the cancellation of Ms. Sangeeta Sahoo (20160201006), as requested by her.
DoP/BOS: 2021/6/016	Conduction of Project Viva-Voce Examination through online mode of 5 Years Integrated M.Sc. in Applied Physics (10 th Semester) and 2 Years M.Sc. in Physics (4 th Semester) Board members noted successful conduction of Project Viva-Voce through online mode of 5 Integrated M.Sc. in Applied Physics (10 th Semester) and 2 Years M.Sc. in Physics (4 th Semester).
DoP/BOS: 2021/6/017	Proposal for inclusion of specialization in Spectroscopy of Atoms, Molecules and their ions in 2 years M. Sc. in Physics with papers (i) Atomic and Molecular Spectra and Lasers (ii) Experimental Techniques and instrumentation and (iii) Molecular Orbital Theory and Vibrational and Rotational Molecular Spectroscopy. Members perused the syllabi of the special papers in the area of spectroscopy proposed by Dr. Bhupendra Singh. After a detailed discussion, following resolutions were made in this regard: - The preface may be made clear and pointwise as advised by Prof. Piyush Ranjan Das. - The syllabi need thorough revision. - The revisions may be made by Dr. Bhupendra Singh in consultation with Dr. Jayant Kumar Baral and with expert advise of Dr. Rajarshi Raut. - As suggested by Prof. S. N. Tiwari, syllabi of esteemed academic institutions on the same subject may be consider while revision. The revised version of the syllabi may be placed again in the next Board meeting for consideration.
DoP/BOS: 2021/6/018	Proposal for the Physics Syllabus for the students (Semester I & II) of B.Sc. (Honours/Major in Chemistry) Course. Members perused the course proposed by Department of Physics for the students (Semester I & II) of B.Sc. (Honours/Major in Chemistry) Course and approved it.
DoP/BOS: 2021/6/019	Organization of online FDP or lecture series or National / International Webinar Board members noted that the department has organized various online FDP, lecture series, training programs for the students, and faculty.

KS
D. Singh

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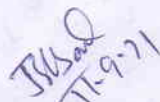
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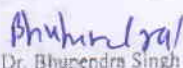
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DoP/BOS: 2021/6/020	Initiation of undergraduate Program as per NEP It was mentioned by the Chairperson that the department has proposed to initiate Undergraduate (UG) Program from next year. Board members advised that the formation of syllabi and course structure of the program should be as per New Education Policy (NEP). It was also resolved that a detailed syllabi and course structure for the program may be completed soon and may be sent to the external members for their perusal and suggestions for its finalization. Dean (Natural Sciences) advised to look into recent circular from MHRD/UGC on NEP before forming the course structure and syllabi.
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At the end, members expressed deep condolences on the sudden demise of one of the board members Late Dr. Dinesh Kumar Mishra of CSIR-National Physical Laboratory.

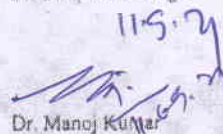
Finally, The meeting concluded with a vote of thanks to all members proposed by Dr. Jayant Kumar Baral.


Dr. Jayanta Kumar Baral


Dr. Bhupendra Singh


Dr. Jitendra Kumar


Dr. Devdas Laha

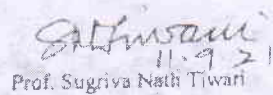

Dr. Manoj Kumar


Dr. Gajendra Prasad Singh


Prof. Subhash Chandra Yadav

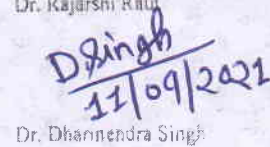

Prof. Arun Kumar Padhy


Prof. Sarang Medhekar


Prof. Sugriva Nath Tiwari


Dr. Rajarshi Raut


Prof. Piyush Ranjan Das


Dr. Dhannendra Singh