



**DEPARTMENT OF EDUCATION,  
CENTRAL UNIVERSITY OF JHARKHAND,  
CHERI MANATU, RANCHI- 835222**

**MINUTES OF THE 3<sup>rd</sup> MEETING OF BOARD OF STUDIES OF THE  
DEPARTMENT OF EDUCATION HELD ON 06.11.2020 AT 11:00 AM IN ONLINE  
MODE THROUGH GOOGLE MEET**

A meeting of the Board of Studies of Department of Education was held in online mode through Google Meet at 11:00 AM on dated 06-11-2020. The following members and invitees were present:

**Members Present**

1.	Dr. Vimal Kishor, Head & Associate Professor, Department of Education, Central University of Jharkhand, Cheri Manatu, Ranchi- 835222.	Chairman
2	Prof. S.K. Yadav (Retd.), House No. 70, Sector 15 (Part-1), Gurugram-122001, Haryana.	External Member
3	Prof. Satish Chand Bhadwal (Retd.), Paawan Kunj, Village: Andhri, (Near Shiv Mandir), Post Office: Summer Hill, Shimla, HP- 171005.	External Member
4	Prof. P. K. Joshi, School of Education, Hemavati Nandan Bahuguna Garhwal University (A Central University), Srinagar (Garhwal), Uttrakhand- 246174.	External Member
5	Dr. Bibhuti Bhusan Biswas, Assistant Professor, Department of Politics and International Relations, Central University of Jharkhand, Cheri Manatu, Ranchi- 835222.	Member

6	Sh. Prabhudev Kurle Controller of Examinations, Central University of Jharkhand, Cheri Manatu, Ranchi- 835222.	Special Invitee
7	Dr. Shashi Singh Associate Professor, Department of Education, Central University of Jharkhand, Cheri Manatu, Ranchi- 835222.	Invitee
8	Dr. Manvi Yadav Assistant Professor, Department of Education, Central University of Jharkhand, Cheri Manatu, Ranchi- 835222.	Invitee
9	Mr. Vijay Kumar Yadav Assistant Professor, Department of Education, Central University of Jharkhand, Cheri Manatu, Ranchi- 835222.	Invitee

At the outset, the Head of the Department & Chairman of the Board of Studies of Department of Education extended a warm welcome to the Members of the Board. He specially welcomed Dr. Shashi Singh, Dr. Manvi Yadav, and Mr. Vijay Kumar Yadav who were attending the meeting for the first time.

Thereafter, the following agenda items were taken up for discussion:

<b>Agenda No.</b>	<b>BOS/2020/3/01</b>
<b>Agenda</b>	<b>To Confirm the minutes of the 2<sup>nd</sup> Board of Studies meeting held on 17-09-2018</b>  The 2 <sup>nd</sup> Board of Studies meeting of Department of Education was held on 17-09-2018. The minutes of the meeting was circulated to the members on the same day i.e. 17-09-2018.  The minutes of the meeting is placed at <i>Annexure –I</i> .  The matter is submitted before the Board of Studies members for confirmation.
<b>Resolution</b>	The Board of Studies members upon detailed discussions and consideration confirmed the minutes of the 2 <sup>nd</sup> Board of Studies meeting held on 17-09-2018.

<b>Agenda No.</b>	<b>BOS/2020/3/02</b>																	
<b>Agenda</b>	<b>The action taken report of the 2<sup>nd</sup> Board of Studies meeting held on 17-09-2018</b>																	
	The action taken report on the 2 <sup>nd</sup> Board of Studies meeting held on 17-09-2018 is placed below:																	
	<table border="1"> <thead> <tr> <th><b>Agenda Items</b></th> <th><b>Resolution</b></th> <th><b>Action Taken</b></th> </tr> </thead> <tbody> <tr> <td>Confirmation of the minutes of the 1<sup>st</sup> Board of Studies meeting</td> <td>The Board of Studies members upon detailed discussions and consideration, confirmed the minutes of the 1<sup>st</sup> Board of Studies meeting held on 17-03-2018.</td> <td>Noted</td> </tr> <tr> <td>Approval of B.Ed. (two years) Curriculum structure and Syllabus</td> <td>The Board of Studies members approved of B.Ed. (two years) Curriculum structure and Syllabus</td> <td>Noted</td> </tr> <tr> <td>To consider and approve the admission of B.Ed. and Ph.D. students</td> <td>The Board of Studies members approved the admission of B.Ed. and Ph.D. students</td> <td>Noted</td> </tr> <tr> <td>To consider and approve the degrees awarded to B.Ed. students for the session 2016-18</td> <td>The Board of Studies members approved the degrees awarded to B.Ed. students for the session 2016-18</td> <td>Noted</td> </tr> </tbody> </table>			<b>Agenda Items</b>	<b>Resolution</b>	<b>Action Taken</b>	Confirmation of the minutes of the 1 <sup>st</sup> Board of Studies meeting	The Board of Studies members upon detailed discussions and consideration, confirmed the minutes of the 1 <sup>st</sup> Board of Studies meeting held on 17-03-2018.	Noted	Approval of B.Ed. (two years) Curriculum structure and Syllabus	The Board of Studies members approved of B.Ed. (two years) Curriculum structure and Syllabus	Noted	To consider and approve the admission of B.Ed. and Ph.D. students	The Board of Studies members approved the admission of B.Ed. and Ph.D. students	Noted	To consider and approve the degrees awarded to B.Ed. students for the session 2016-18	The Board of Studies members approved the degrees awarded to B.Ed. students for the session 2016-18	Noted
<b>Agenda Items</b>	<b>Resolution</b>	<b>Action Taken</b>																
Confirmation of the minutes of the 1 <sup>st</sup> Board of Studies meeting	The Board of Studies members upon detailed discussions and consideration, confirmed the minutes of the 1 <sup>st</sup> Board of Studies meeting held on 17-03-2018.	Noted																
Approval of B.Ed. (two years) Curriculum structure and Syllabus	The Board of Studies members approved of B.Ed. (two years) Curriculum structure and Syllabus	Noted																
To consider and approve the admission of B.Ed. and Ph.D. students	The Board of Studies members approved the admission of B.Ed. and Ph.D. students	Noted																
To consider and approve the degrees awarded to B.Ed. students for the session 2016-18	The Board of Studies members approved the degrees awarded to B.Ed. students for the session 2016-18	Noted																
	The matter is submitted before the Board of Studies members for information.																	
<b>Resolution</b>	The chairman of Board of Studies presented the action taken report on the minutes of the 2 <sup>nd</sup> Board of Studies meeting held on 17-09-2018. The members noted the action taken by the department.																	

<b>Agenda No.</b>	<b>BOS/2020/3/03</b>									
<b>Agenda</b>	<b>Approval of Admission in B.Ed. and Ph.D. programme in the year 2019</b>									
	<p>The chairman of Board of Studies informed the members that the following number of students admitted in the department in the year 2019:</p> <table border="1"> <thead> <tr> <th><b>Programme</b></th> <th><b>Intake</b></th> <th><b>Admitted</b></th> </tr> </thead> <tbody> <tr> <td>B.Ed.</td> <td>110</td> <td>107</td> </tr> <tr> <td>Ph. D.</td> <td>2</td> <td>2</td> </tr> </tbody> </table> <p>The matter is submitted before the Board of Studies members for kind consideration and approval.</p>	<b>Programme</b>	<b>Intake</b>	<b>Admitted</b>	B.Ed.	110	107	Ph. D.	2	2
<b>Programme</b>	<b>Intake</b>	<b>Admitted</b>								
B.Ed.	110	107								
Ph. D.	2	2								
<b>Resolution</b>	Members noted and approved the B.Ed. and Ph.D. admissions taken in Department of Education in 2019.									

<b>Agenda No.</b>	<b>BOS/2020/3/04</b>												
<b>Agenda</b>	<b>To consider and approve the degrees awarded to B.Ed. students for the session 2017-2019, B.A. B.Ed. and B.Sc. B.Ed. students for the session 2015-2019</b>												
	<p>The chairman of Board of Studies informed the members that the following number of students awarded degrees in the year 2019:</p> <table border="1"> <thead> <tr> <th><b>S. No.</b></th> <th><b>Course</b></th> <th><b>No. of Students</b></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B.Ed.</td> <td>35</td> </tr> <tr> <td>2</td> <td>B.A. B.Ed.</td> <td>35</td> </tr> <tr> <td>3</td> <td>B. Sc. B.Ed.</td> <td>36</td> </tr> </tbody> </table> <p>The matter is submitted before the Board of Studies members for kind consideration and approval.</p>	<b>S. No.</b>	<b>Course</b>	<b>No. of Students</b>	1	B.Ed.	35	2	B.A. B.Ed.	35	3	B. Sc. B.Ed.	36
<b>S. No.</b>	<b>Course</b>	<b>No. of Students</b>											
1	B.Ed.	35											
2	B.A. B.Ed.	35											
3	B. Sc. B.Ed.	36											
<b>Resolution</b>	Members noted and approved the degrees awarded to B.Ed. students for the session 2017-2019, B.A. B.Ed. and B.Sc. B.Ed. students for the session 2015-2019.												

<b>Agenda No.</b>	<b>BOS/2020/3/05</b>
<b>Agenda</b>	<b>Inclusion of 10% EWS seats in present approval intake of B.Ed. students- for kind information and approval</b>
	<p>The university received a letter from NCTE regarding inclusion of 10% EWS seats in present approval intake of B.Ed. students. Accordingly as per the guidelines 10% EWS seats were increased in the existing intake of 100 students and the department advertised 110 seats in the B.Ed. programme for the session 2019-21. The copy of the letter is placed at <i>Annexure –2</i>.</p> <p>The matter is submitted before the Board of Studies members for kind consideration and approval.</p>
<b>Resolution</b>	The Board of Studies Members ratified the approval on the action taken by the university as per the directions of NCTE, New Delhi.

<b>Agenda No.</b>	<b>BOS/2020/3/06</b>																					
<b>Agenda</b>	<b>Joining of new faculty members in the department- for kind information</b>																					
	<p>The following new faculty members joined in the department of Education in the month of February 2020:</p> <table border="1" data-bbox="481 1115 1316 1541"> <tr> <td>1</td> <td>Dr. Shashi Singh</td> <td>Associate Professor</td> </tr> <tr> <td>2</td> <td>Dr. Manvi Yadav</td> <td>Assistant Professor</td> </tr> <tr> <td>3</td> <td>Mr. Vijay Kumar Yadav</td> <td>Assistant Professor</td> </tr> <tr> <td>4</td> <td>Dr. Neera Gautam</td> <td>Assistant Professor</td> </tr> <tr> <td>5</td> <td>Dr. Manohar Kumar Das</td> <td>Assistant Professor</td> </tr> <tr> <td>6</td> <td>Ms. Angel Nag</td> <td>Assistant Professor</td> </tr> <tr> <td>7</td> <td>Dr. Shilpy Raaj</td> <td>Assistant Professor</td> </tr> </table> <p>The matter is submitted before the Board of Studies members for information please.</p>	1	Dr. Shashi Singh	Associate Professor	2	Dr. Manvi Yadav	Assistant Professor	3	Mr. Vijay Kumar Yadav	Assistant Professor	4	Dr. Neera Gautam	Assistant Professor	5	Dr. Manohar Kumar Das	Assistant Professor	6	Ms. Angel Nag	Assistant Professor	7	Dr. Shilpy Raaj	Assistant Professor
1	Dr. Shashi Singh	Associate Professor																				
2	Dr. Manvi Yadav	Assistant Professor																				
3	Mr. Vijay Kumar Yadav	Assistant Professor																				
4	Dr. Neera Gautam	Assistant Professor																				
5	Dr. Manohar Kumar Das	Assistant Professor																				
6	Ms. Angel Nag	Assistant Professor																				
7	Dr. Shilpy Raaj	Assistant Professor																				
<b>Resolution</b>	The Board of Studies members noted the joining of new faculty members in the Department of Education.																					

<b>Agenda No.</b>	<b>BOS/2020/3/07</b>
<b>Agenda</b>	<b>Progress Report of Ph.D. Students</b>
	<p>The members were briefed about the progress report of the three research scholars one by one admitted in the Department of Education:</p> <p><b>Ms. Lavina Saluja:</b> Synopsis prepared Topic of Thesis: A Study of Professional Commitment among Teacher Educators in relation to their Occupational Stress and Role Conflict</p> <p><b>Ms. Mahwesh Khan:</b> Course Work Completed and Result Awaited <b>Ms. Abhilasha Kumari:</b> Course Work Completed and Result Awaited</p> <p>The matter is submitted before the Board of Studies members for kind consideration and approval please.</p>
<b>Resolution</b>	The Board of Studies members noted and approved the progress report of the three research scholars of the Department of Education.

<b>Agenda No.</b>	<b>BOS/2020/3/08</b>
<b>Agenda</b>	<b>Approval of minutes of DRC</b>
	<p>The meeting of the Departmental Research Committee (DRC) of Department of Education was held on 16.10.2019. The minutes of the meeting of Departmental Research Committee are placed for kind consideration and approval.</p> <p>The minutes of the meeting is placed at <i>Annexure –3</i>.</p>
<b>Resolution</b>	The members noted the minutes of Departmental Research Committee (DRC) of Department of Education held on 16.10.2019. The members upon detailed discussions and consideration approved the minutes of Departmental Research Committee

<b>Agenda No.</b>	<b>BOS/2020/3/09</b>
<b>Agenda</b>	<b>Approval for the proposal of construction of separate building for School of Education as per NCTE norms at Permanent Campus of the University</b>
	<p>The Teacher Education programme plays a vital role in preparing a pool of quality school teachers. National Education Policy 2020 also recommended for starting interdisciplinary courses like 4 year integrated B.Ed. Programme, 2 year B.Ed. Programme and 1 year B.Ed. Programme. Keeping in view the importance of the above programmes it is proposed here that there should be a separate building for School of Education with all essential facilities/laboratories.</p> <p>The matter is submitted before the Board of Studies members for kind consideration and approval.</p>
<b>Resolution</b>	The Board of Studies members after deliberations recommended the proposal of construction of separate building for School of Education as per NCTE norms at Permanent Campus of the University.

<b>Agenda No.</b>	<b>BOS/2020/3/10</b>												
<b>Agenda</b>	<b>Approval for the proposal of requesting UGC for sanctioning more number of posts in the department as per NCTE norms</b>												
	<p>The Chairman of Board of Studies highlighted the faculty status in the department like present strength, vacant positions, strength sanctioned to the department by the UGC and faculty requirement in the department to run the different programmes:</p> <table border="1" data-bbox="454 1348 1337 1684"> <thead> <tr> <th>Programmes Approved and Recognised by NCTE</th> <th>Faculty Strength as per NCTE for two basic units</th> <th>Present Faculty Strength sanctioned by UGC</th> <th>Faculty Strength Required</th> </tr> </thead> <tbody> <tr> <td>B.A. B.Ed. and B.Sc. B.Ed.</td> <td>16</td> <td>Nil</td> <td>16</td> </tr> <tr> <td>B.Ed.</td> <td>16</td> <td>13 (B.Ed. and M.Ed.)</td> <td>3 + 8</td> </tr> </tbody> </table> <p>The matter is submitted before the Board of Studies members for kind consideration and approval.</p>	Programmes Approved and Recognised by NCTE	Faculty Strength as per NCTE for two basic units	Present Faculty Strength sanctioned by UGC	Faculty Strength Required	B.A. B.Ed. and B.Sc. B.Ed.	16	Nil	16	B.Ed.	16	13 (B.Ed. and M.Ed.)	3 + 8
Programmes Approved and Recognised by NCTE	Faculty Strength as per NCTE for two basic units	Present Faculty Strength sanctioned by UGC	Faculty Strength Required										
B.A. B.Ed. and B.Sc. B.Ed.	16	Nil	16										
B.Ed.	16	13 (B.Ed. and M.Ed.)	3 + 8										
<b>Resolution</b>	The Board of Studies members noted the faculty status in the department and after deliberations approved the proposal of requesting UGC for sanctioning more number of posts in the department as per NCTE norms.												

<b>Agenda No.</b>	<b>BOS/2020/3/11</b>
<b>Agenda</b>	<b>Approval for the proposal of starting M.Ed. programme in the Department of Education as and when NCTE will open the application portal</b>
	<p>The Chairman of Board of Studies informed the members that the Department of Education was established in year 2013 with 4 year integrated B.A. B.Ed. and B.Sc. B.Ed. programme. Thereafter, in the year 2015 the department started B. Ed. programme. Now, the department has a good strength of faculty members and the department wants to start M.Ed. programme. Further, UGC had already sanctioned 13 posts for B.Ed, and M.Ed. programme. Right now NCTE is not accepting any application for giving recognition to new programmes. But, keeping in mind the importance of P.G. programme in any department the matter is submitted for kind consideration and approval of the members that as and when NCTE will open the application portal for inviting new applications for M.Ed. programmes the department may apply immediately.</p> <p>The matter is submitted before the Board of Studies members for kind consideration and approval.</p>
<b>Resolution</b>	The Board of Studies members noted and approved the proposal of starting M.Ed. programme in the Department of Education as and when NCTE will open the application portal.

<b>Agenda No.</b>	<b>BOS/2020/3/12</b>															
<b>Agenda</b>	<b>Eligibility of newly joined faculty members for supervising Ph.D. students</b>															
	<p>The following faculty members submitted an application to the Head of the Department for allowing them to supervise Ph.D. students from the session 2020-21 onwards:</p> <table border="1" data-bbox="488 1339 1321 1646"> <tr> <td>1</td> <td>Dr. Shashi Singh</td> <td>Associate Professor</td> </tr> <tr> <td>2</td> <td>Dr. Manvi Yadav</td> <td>Assistant Professor</td> </tr> <tr> <td>3</td> <td>Dr. Neera Gautam</td> <td>Assistant Professor</td> </tr> <tr> <td>4</td> <td>Dr. Manohar Kumar Das</td> <td>Assistant Professor</td> </tr> <tr> <td>5</td> <td>Dr. Shilpy Raaj</td> <td>Assistant Professor</td> </tr> </table> <p>The board was briefed on their eligibility to be research supervisors as per University / UGC rules and the approval of the Hon'ble Vice Chancellor for the same.</p> <p>The matter is submitted before the Board of Studies members for kind consideration and approval.</p>	1	Dr. Shashi Singh	Associate Professor	2	Dr. Manvi Yadav	Assistant Professor	3	Dr. Neera Gautam	Assistant Professor	4	Dr. Manohar Kumar Das	Assistant Professor	5	Dr. Shilpy Raaj	Assistant Professor
1	Dr. Shashi Singh	Associate Professor														
2	Dr. Manvi Yadav	Assistant Professor														
3	Dr. Neera Gautam	Assistant Professor														
4	Dr. Manohar Kumar Das	Assistant Professor														
5	Dr. Shilpy Raaj	Assistant Professor														
<b>Resolution</b>	The members approved the eligibility of Dr. Shashi Singh, Dr. Manvi Yadav, Dr. Neera Gautam, Dr. Manohar Kumar Das and Dr. Shilpy Raaj to be research supervisors for the program of Ph. D. in Education.															



<b>Agenda No.</b>	<b>BOS/2020/3/13</b>
<b>Agenda</b>	<b>Inclusion of Research and Publication Ethics paper of 2 credits in Ph.D. course work as per the guidelines of UGC</b>
	<p>The department is running Ph. D. programme from the session 2018-19 onwards. The students admitted in Ph.D. programme has to do compulsorily Ph.D. course work as per the guidelines of UGC. UGC wrote a letter in December 2019 to all universities for inclusion of Research and Publication Ethics paper of 2 credits in Ph.D. course work from the forthcoming session.</p> <p>The copy of the letter is placed at <i>Annexure –4</i>.</p> <p>The matter is submitted before the Board of Studies members for kind consideration and approval.</p>
<b>Resolution</b>	The members after deliberations approved the proposal of inclusion of ‘Research and Publication Ethics’ paper of 2 credits in Ph.D. course work in Education.

<b>Agenda No.</b>	<b>BOS/2020/3/14</b>
<b>Agenda</b>	<b>Implementation of National Education Policy 2020 as per the directions of GoI</b>
	<p>The Union Cabinet approved a new National Education Policy on July 29, after a 34-year gap. The National Education Policy, 2020 is meant to provide an overarching vision and comprehensive framework for both school and higher education across the country. The chairman of the Board of Studies briefed the members that as National Education Policy 2020 recommended so many changes in the present teacher education programme therefore, keeping in mind the same it is proposed here that implementation/adoption of National Education Policy 2020 may be approved as per the directions of GoI as and when the same received by the university/department.</p> <p>The matter is submitted before the Board of Studies members for kind consideration and approval.</p>
<b>Resolution</b>	The members after deliberations approved the proposal of implementation/adoption of National Education Policy 2020 as per the directions of GoI as and when the same received by the university/department.

<b>Agenda No.</b>	<b>BOS/2020/3/15</b>												
<b>Agenda</b>	<b>Approval of the establishment of different resource centres as per the norms of NCTE</b>												
	<p>As per the guidelines/norms of the NCTE the following resource centres must be established with adequate facilities/instruments in a teacher education institution for providing a quality teacher education training to the prospective teachers:</p> <table border="1"> <tr> <td>1.</td> <td>ICT Resource Centre (Lab.)</td> </tr> <tr> <td>2.</td> <td>Psychology Resource Centre</td> </tr> <tr> <td>3.</td> <td>Art and Craft Resource Centre (Lab.)</td> </tr> <tr> <td>4.</td> <td>Health and Physical Education Resource Centre (including Yoga Education) {Lab.}</td> </tr> <tr> <td>5.</td> <td>Science and Mathematics Resource Centre (Lab.)</td> </tr> <tr> <td>6.</td> <td>Curriculum Laboratory (Lab.)</td> </tr> </table> <p>The matter is submitted before the Board of Studies members for kind consideration and approval.</p>	1.	ICT Resource Centre (Lab.)	2.	Psychology Resource Centre	3.	Art and Craft Resource Centre (Lab.)	4.	Health and Physical Education Resource Centre (including Yoga Education) {Lab.}	5.	Science and Mathematics Resource Centre (Lab.)	6.	Curriculum Laboratory (Lab.)
1.	ICT Resource Centre (Lab.)												
2.	Psychology Resource Centre												
3.	Art and Craft Resource Centre (Lab.)												
4.	Health and Physical Education Resource Centre (including Yoga Education) {Lab.}												
5.	Science and Mathematics Resource Centre (Lab.)												
6.	Curriculum Laboratory (Lab.)												
<b>Resolution</b>	The members approved the proposal of establishment of different resource centres as per the norms of NCTE in the Department of Education.												

<b>Agenda No.</b>	<b>BOS/2020/3/16</b>
<b>Agenda</b>	<b>Approval of the Vision Plan of Department of Education</b>
	<p>For strengthening the Department of Education both in teaching &amp; research and making it an excellence centre for providing quality teacher education the following vision plan of the department is presented before the Board of Studies members for kind consideration and approval:</p> <ol style="list-style-type: none"> <li>1. To start 4-year integrated programme</li> <li>2. To strengthen research and FDPs</li> <li>3. To undertake more projects and enhance publications in journals with high impact factor</li> <li>4. To start Newsletter of Department of Education</li> <li>5. To start a journal of Department of Education</li> <li>6. To enhance ICT based Teaching-Learning</li> <li>7. To enhance outreach work, social service work and participation in community welfare work.</li> <li>8. To offer value added programmes.</li> <li>9. To undertake interdisciplinary research</li> <li>10. To conduct frequently webinars/seminars, workshops and other knowledge enriching programmes.</li> </ol>
<b>Resolution</b>	The Board of Studies members noted and approved the Vision Plan of Department of Education. The members after deliberations recommended that vision plan mentioned above may be elaborated in brief and action plan should be prepared.

<b>Agenda No.</b>	<b>BOS/2020/3/17</b>
<b>Agenda</b>	<b>Any other Academic issue</b>
	NIL

The meeting came to a close with a vote of thanks by Dr. Vimal Kishor, Head, Department of Education and Chairman of the Board of Studies. He expressed his thanks to all the External and Internal Members of the Board for sparing their valuable time for the meeting.

Satish Chand Bhadwal

P. K. Joshi

S.K. Yadav

Bibhuti Bhusan Biswas

Controller of Examinations

Shashi Singh

Manvi Yadav

Vijay Kumar Yadav



Vimal Kishor

22

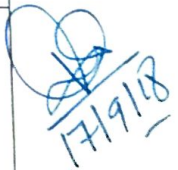
DEPARTMENT OF EDUCATION,  
CENTRAL UNIVERSITY OF JHARKHAND,  
BRAMBE, RANCHI- 835205

MINUTES OF THE 2<sup>nd</sup> MEETING OF BOARD OF STUDIES OF THE  
DEPARTMENT OF EDUCATION HELD ON 17.09.2018 AT 10:00 AM IN THE  
VC CONFERENCE ROOM, CENTRAL UNIVERSITY OF JHARKHAND,  
JHARKHAND

A meeting of the Board of Studies was held in the VC conference room, Central University of Jharkhand, Ranchi at 10:00 AM on dated 17-09-2018. The following members were present:

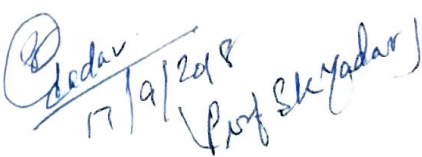
Members Present

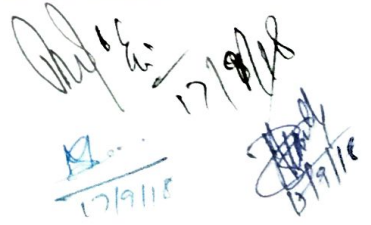
1.	Dr. Vimal Kishor, Head & Associate Professor, Department of Education, Central University of Jharkhand, Brambe, Ranchi- 835205.	Chairman
2	Prof. S.K. Yadav (Retd.), House No. 70, Sector 15 (Part-1), Gurugram-122001, Haryana. Mob. 9891513542	External Member
3	Prof. Satish Chand Bhadwal (Retd.), Paawan Kunj, Village: Andhri, (Near Shiv Mandir), Post Office: Summer Hill, Shimla, HP- 171005.	External Member
4	Prof. P. K. Joshi, School of Education, Hemavati Nandan Bahuguna Garhwal University (A Central University), Srinagar (Garhwal), Utrakhand- 246174	External Member
5	Dr. Bibhuti Bhusan Biswas, Assistant Professor, Department of International Relations, Central University of Jharkhand, Brambe, Ranchi- 835205.	Member

  
17/9/18

SCB  
17/09/18

  
17/9/18

  
17/9/2018  
(Prof. S.K. Yadav)

  
17/9/18  
17/9/18  
B. B. Biswas

6	Dr. Sujit Kumar Choudhary (Assistant Professor, Department of Humanities and Social Sciences) Central University of Jharkhand, Brambe, Ranchi- 835205.	Member
7	Prof. Manoj Kumar Dean, School of Education, Central University of Jharkhand, Brambe, Ranchi- 835205.	Special Invitee

At the outset, the Head of the Department & Chairman of the Board of Studies of Department of Education extended a warm welcome to the Members of the Board.

Thereafter the following agenda items were taken up for discussion:

1. Confirmation of the minutes of the last meeting.
2. Approval of B.Ed. (two years) Curriculum Structure and Syllabus.
3. To consider and approve the admission of B.Ed. and Ph.D. students.
4. To consider and approve the degrees awarded to B.Ed. students for the session 2016-2018.
5. Any other academic issue.

The Board of Studies discussed all the agenda items one by one and recommended the following:

**Item No. 1:** Confirmation of the minutes of the last meeting.

Members confirmed the minutes of the previous meeting held on 17<sup>th</sup> March, 2018.

**Item No. 2:** Approval of B.Ed. (two years) Curriculum Structure and Syllabus.

1. The structure of the course, course title, course papers and course outline has been approved by the members of the Board of Studies with minor corrections.
2. B.Ed. (two years) syllabus is approved by the members of the board, after due incorporation of the suggested modifications in the final draft.

**Item No. 3:** To consider and approve the admission of B.Ed. and Ph.D. students.

Members noted the B.Ed. and Ph.D. admissions taken in Department of Education in 2018.

Handwritten signatures and dates at the bottom of the page:

- SCR
- [Signature] 17/9/18
- [Signature] 17/9/2018
- [Signature] 17/9/18
- [Signature] 17/9/18

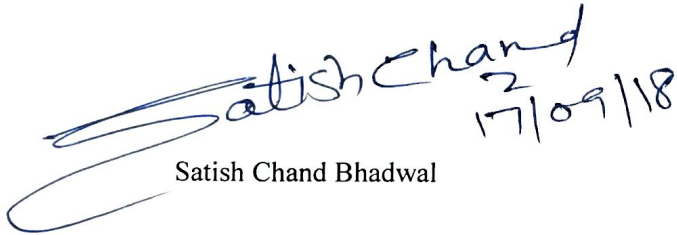
Item No. 4: To consider and approve the degrees awarded to B.Ed. students for the session 2016-2018.

Members noted and approve the degrees awarded to B.Ed. students for the session 2016-2018.

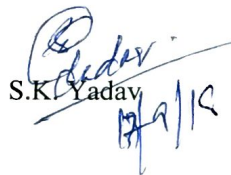
Item No. 5: Any other academic issue.

Nil.

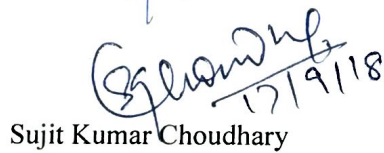
The meeting came to a close with a vote of thanks by Dr. Vimal Kishor, Head, Department of Education and Chairman of the Board of Studies. He expressed his thanks to all the External and Internal Members of the Board and especially to Prof. Manoj Kumar, Dean, School of Education for sparing valuable time for the meeting.

  
Satish Chand Bhadwal

  
P. K. Joshi

  
S.K. Yadav

  
Bibhuti Bhusan Biswas

  
Sujit Kumar Choudhary

  
Manoj Kumar

  
Vimal Kishor





**SANJAY AWASTHI, IRS**  
MEMBER SECRETARY

File No.-Regl011/19/2019-US(Regulation)-HQ  
Dated:08 July, 2019

All Principal Secretaries of States Governments/UT,  
All Vice-Chancellors of State & Central Universities,  
All SCERTs Directors

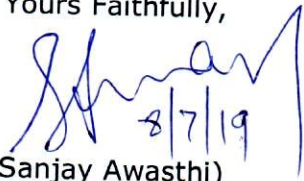
Sir/Madam,

Please refer to the Office Memorandum F.No.12-4/2019-U1 dated 17<sup>th</sup> January, 2019 issued by the Government of India for implementing the 103<sup>rd</sup> Constitutional Amendment (Copy enclosed).

Operational portion of the said Notification is extracted:

***If the State Government/UT has a reservation policy for admission in teacher education institutes and the same is applicable to Private and Self-financing Teacher Education institutions, then the State Government/UT shall ensure that 10% of Reservation for EWS would be operational from the Academic year 2019-20 without affecting the percentage reservations of SC/ST/OBC/General. However, this would not be applicable in the case of Minority institutions referred to the clause (1) of Article 30 of Constitution of India.***

Yours Faithfully,

  
8/7/19  
(Sanjay Awasthi)  
Member Secretary



2



F No: 12-4/2019-U1

Government of India

Ministry of Human Resource Development  
Department of Higher Education

Shastri Bhawan, New Delhi

Dated: 17 January, 2019

**OFFICE MEMORANDUM**

**Subject: Reservation for Economically Weaker Sections (EWSs) for admission in Central Educational Institutions.**

In accordance with the provisions of the Constitution (One Hundred and Third Amendment) Act 2019, and the reference of Ministry of Social Justice and Empowerment vide OM No. 20013/01/2018-BC-II dated 17th January 2019, enabling provision of reservation for the Economically Weaker Sections (EWSs) who are not covered under the existing scheme of reservations for the Scheduled Castes, the Scheduled Tribes and the Socially and Educationally Backward Classes, it has been decided to provide reservation in admission to educational institutions subject to a maximum of ten per cent of the total seats in each category. This would not apply to the minority educational institutions referred to in clause (1) of Article 30 of the Constitution of India.

2. The provision of reservations to the Economically Weaker Sections shall be in accordance with the directions contained in the OM No. 20013/01/2018-BC-II dated 17th January 2019 of the Ministry of Social Justice & Empowerment and shall be subject to the following:

- a) The reservations shall be provided to EWSs for admission in Central Educational Institutions, (as defined in clause (d) of section (2) of The Central Educational Institutions (Reservation in Admission) Act, 2006) from the academic year 2019-20 onwards.
- b) The above reservation would not be applicable to the 8 institutions of excellence, research institutions, institutions of national & strategic importance as specified in the Schedule to The Central Educational Institutions (Reservation in Admission) Act, 2006, as amended from time to time, and appended to this OM, and to the minority educational institutions referred to in clause (1) of article 30 of the Constitution.
- c) Every Central Educational Institution shall, with the prior approval of the appropriate authority (as defined in clause (c) of section 2 of The Central Educational Institutions (Reservation in Admission) Act, 2006), increase the number of seats over and above its annual permitted strength in each branch of

*[Signature]*  
17/1/19



- study or faculty so that the number of seats available, excluding those reserved for the persons belonging to the EWSs, is not less than the number of such seats available, in each category, for the academic session immediately preceding the date of the coming into force of this O.M.
- d) Where, on a representation by any Central Educational Institution, the appropriate authority is satisfied that for reasons of financial, physical or academic limitations or in order to maintain the standards of education, the annual permitted strength in any branch of study or faculty of such institution cannot be increased for the academic session following the commencement of this Act, it may permit such institution to increase the annual permitted strength over a maximum period of two years beginning with the academic session following the commencement of this Act; and then, the extent of reservation for the Economically Weaker Sections shall be limited for that academic session in such manner that the number of seats made available to the Economically Weaker Sections for each academic session shall not reduce the number and the percentage of reservations provided for SC/ST/OBC categories.
- e) The scheme for implementing the reservation for the EWS shall be displayed on the website of the institution as soon as possible, but no later than 31st March 2019.

3. The Chairman UGC, Chairman AICTE and Chairperson NCTE and the Bureau Heads of the Department of Higher Education in the Ministry of Human Resource Development responsible for management of the Institutions of National Importance are requested to ensure immediate compliance of this OM.
4. This issues with the approval of the Minister for Human Resource Development.

Encl: As above

  
(Smita Srivastava)  
Director

1. Chairman UGC
2. Chairman AICTE
3. Chairperson NCTE
4. All Bureau Heads of Department of Higher Education

Copy to:  
Chief Secretaries of all State Governments/UTs, with a request to give effect to the provisions of the Constitution (One Hundred and Third Amendment) Act, 2019 for all higher educational institutions funded/aided, directly or indirectly, by the State Government in such manner that the provision for reservation for EWS would become operational from the academic year 2019-20.



**Appendix****SCHEDULE**

(The Central Educational Institutions (Reservation in Admission) Act, 2006)

**S.No. Names of the Institutions of Excellence, etc.**

1. Homi Bhabha National Institute, Mumbai and its constituent units, namely:-
  - (i) Bhabha Atomic Research Centre, Trombay;
  - (ii) Indira Gandhi Centre for Atomic Research, Kalpakkam;
  - (iii) Raja Ramanna Centre for Advanced Technology, Indore;
  - (iv) Institute for Plasma Research, Gandhinagar;
  - (v) Variable Energy Cyclotron Centre, Kolkata;
  - (vi) Saha Institute of Nuclear Physics, Kolkata;
  - (vii) Institute of Physics, Bhubaneswar;
  - (viii) Institute of Mathematical Sciences, Chennai;
  - (ix) Harish-Chandra Research Institute, Allahabad;
  - (x) Tata Memorial Centre, Mumbai.
2. Tata Institute of Fundamental Research, Mumbai.
3. North-Eastern Indira Gandhi Regional Institute of Health and Medical Science, Shillong.
4. National Brain Research Centre, Manesar, Gurgaon.
5. Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore.
6. Physical Research Laboratory, Ahmedabad.
7. Space Physics Laboratory, Thiruvananthapuram.
8. Indian Institute of Remote Sensing, Dehradun.

*[Signature]*  
12nd  
17/1/19



# भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II — खण्ड 1

PART II — Section 1

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं० 3] नई दिल्ली, शनिवार, जनवरी 12, 2019/ पौष 22, 1940 (शक)  
No. 3] NEW DELHI, SATURDAY, JANUARY 12, 2019/PAUSHA 22, 1940 (SAKA)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## MINISTRY OF LAW AND JUSTICE (Legislative Department)

*New Delhi, the 12th January, 2019/Pausha 22, 1940 (Saka)*

The following Act of Parliament received the assent of the President on the 12th January, 2019, and is hereby published for general information:—

### THE CONSTITUTION (ONE HUNDRED AND THIRD AMENDMENT) ACT, 2019

[12th January, 2019.]

An Act further to amend the Constitution of India.

BE it enacted by Parliament in the Sixty-ninth Year of the Republic of India as follows:—

1. (1) This Act may be called the Constitution (One Hundred and Third Amendment) Act, 2019.

Short title and commencement.

(2) It shall come into force on such date as the Central Government may, by notification in the Official Gazette, appoint.

2. In article 15 of the Constitution, after clause (5), the following clause shall be inserted, namely:—

Amendment of article 15.

(6) Nothing in this article or sub-clause (g) of clause (1) of article 19 or clause (2) of article 29 shall prevent the State from making,—

(a) any special provision for the advancement of any economically weaker sections of citizens other than the classes mentioned in clauses (4) and (5); and

(b) any special provision for the advancement of any economically weaker sections of citizens other than the classes mentioned in clauses (4) and (5) in so

far as such special provisions relate to their admission to educational institutions including private educational institutions, whether aided or unaided by the State, other than the minority educational institutions referred to in clause (1) of article 30, which in the case of reservation would be in addition to the existing reservations and subject to a maximum of ten per cent. of the total seats in each category.

*Explanation.*—For the purposes of this article and article 16, "economically weaker sections" shall be such as may be notified by the State from time to time on the basis of family income and other indicators of economic disadvantage.

Amendment of  
article 16.

3. In article 16 of the Constitution, after clause (5), the following clause shall be inserted, namely:—

"(6) Nothing in this article shall prevent the State from making any provision for the reservation of appointments or posts in favour of any economically weaker sections of citizens other than the classes mentioned in clause (4), in addition to the existing reservation and subject to a maximum of ten per cent. of the posts in each category."

DR. G. NARAYANA RAJU,  
Secretary to the Govt. of India.



[For Internal Circulation only]

F. No.20013/01/2018-BC-II

Government of India

Ministry of Social Justice and Empowerment  
Department of Social Justice and Empowerment

17th January, 2019

Shastri Bhawan, New Delhi

OFFICE MEMORANDUM


**Subject: Reservation for Economically Weaker Sections (EWSs) in civil posts and services in the Government of India and admission in Educational Institutions.**

In pursuance of insertion of clauses 15(6) and 16(6) in the Constitution vide the Constitution (One Hundred and Third Amendment) Act, 2019 and in order to enable the Economically Weaker Sections (EWSs) who are not covered under the existing scheme of reservations for the Scheduled Castes, the Scheduled Tribes and the Socially and Educationally Backward Classes, to receive the benefits of reservation on a preferential basis in civil posts and services in the Government of India and admission in Educational Institutions, it has been decided by the Government to provide 10% reservation to EWSs in civil posts and services in Government of India and admission in Educational Institutions.

2. Persons who are not covered under the existing scheme of reservations for the Scheduled Castes, the Scheduled Tribes and the Socially and Educationally Backward Classes and whose family has gross annual income below Rs. 8.00 lakh are to be identified as EWSs for the benefit of reservation. Family for this purpose will include the person who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years. The income shall include income from all sources i.e. salary, agriculture, business, profession etc. and it will be income for the financial year prior to the year of application. Also persons whose family owns or possesses any of the following assets shall be excluded from being identified as EWSs, irrespective of the family income:

- i. 5 acres of Agricultural Land and above;
- ii. Residential flat of 1000 sq. ft. and above;
- iii. Residential plot of 100 sq. yards and above in notified municipalities;

- iv. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.
3. The income and assets of the families as mentioned in para 2 would be required to be certified by an officer not below the rank of Tehsildar in the States/UTs. The officer who issues the certificate would do the same after carefully verifying all relevant documents following due process as prescribed by the respective State/ UT.
4. Every Educational Institution shall, with the prior approval of the appropriate authority, increase the number of seats over and above its annual permitted strength in each branch of study or faculty so that the number of seats available, excluding those reserved for the persons belonging to the EWSs, are not less than the total seats available in the academic session immediately preceding the date of the coming into force of this O.M.
5. Instructions regarding reservation in employment and admission to educational institutions will be issued by DoPT and Ministry of HRD respectively.

  
(B.L. Meena)

Joint Secretary to the Government of India

- To
- ✓ 1. The Secretary, Department of Personnel and Training, North Block, New Delhi
  2. The Secretary, Department of Higher Education, Shastri Bhawan, New Delhi



**MINUTES OF THE MEETING OF THE DEPARTMENTAL RESEARCH  
COMMITTEE (DRC) HELD ON OCTOBER 16.10. 2019 AT 03:30 PM**

As per the Ph.D Ordinance of Central University of Jharkhand 2016, clause 9.2, the DRC shall be responsible for the allotment of supervisor. Accordingly, a meeting was called by the Chairman (Ex-officio) of the Department Research Committee (DRC) in the office of the Head, Department of Education, Central University of Jharkhand at 03:30 pm. The following agenda of the meeting were discussed:

1. To constitute Research Advisory Committee (RAC) as per clause 10.1 and to allot supervisor to Mahwesh Khan, Registration No. 19310201001 and Ms. Abhilasha Kumari, Registration No. 19310201002 admitted for the Ph.D programme in the academic year of 2019-20.
2. To reconstitute Research Advisory Committee (RAC) for Ms. Lavina Saluja (18310201002)
3. To discuss the application of Mr. Uttam Kumar (18310201002) for his temporarily withdrawal from Ph.D.

The following members were present:

- |   |           |
|---|-----------|
| 1. Dr. Vimal Kishor, Head, Department of Education                  | -Chairman |
| 2. Dr. Dev Vrat Singh, Associate Professor, HoD, DoMC               | -Member   |
| 3. Dr. Bibhuti Bhusan Biswas, Assistant Professor, Coordinator DPIR | -Member   |

1. **To constitute Research Advisory Committee (RAC) as per clause 10.1 and to allot supervisor to Mahwesh Khan, Registration No. 19310201001 and Ms. Abhilasha Kumari, Registration No. 19310201002 admitted for the Ph.D programme in the academic year of 2019-20.**

There is only one eligible research supervisor in the department therefore, the Departmental Research Committee allotted both the scholars under the supervision of Dr. Vimal Kishor, Associate Professor, Department of Education. The Departmental Research Committee resolved to constitute Research Advisory Committee (RAC) as well as allotment of Supervisor for the following Ph.D Research Scholars:

**1. Ms. Mahwesh Khan**

Registration No.: 19310201001

Sl. No.	Name of the faculty	Designation	Member
1.	Dr. Vimal Kishor	Associate Professor & Head, Department of Education, CUJ	Chairman (Ex- officio)
2.	Dr. Vimal Kishor	Associate Professor & Head, Department of Education, CUJ	<b>Supervisor</b> (Convener)
3.	-----	-----	Member from the Department
4.	Dr. Ratnesh Vishvaksen	Associate Professor & Head, DoH, CUJ	Member from outside the Department
5.	Dr. Subhash Chandra Yadav	Associate Professor, DCST, CUJ	Member from outside the Department


  
 16/10/19

## 2. Ms. Abhilasha Kumari

Registration No. 19310201002

Sl. No.	Name of the faculty	Designation	Member
1.	Dr. Vimal Kishor	Associate Professor & Head, Department of Education, CUJ	Chairman (Ex- officio)
2.	Dr. Vimal Kishor	Associate Professor & Head, Department of Education, CUJ	<b>Supervisor</b> (Convener)
3.	-----	-----	Member from the Department
4.	Dr. Nitesh Bhatia	Assistant Professor, DBA, CUJ	Member from outside the Department
5.	Dr. Subhash Kumar Baitha	Assistant Professor, DPIR, CUJ	Member from outside the Department

## 2. To reconstitute Research Advisory Committee (RAC) for Ms. Lavina Saluja (18310201002)

The Chairman of DRC informed that one member of RAC (Dr. Sujit Kumar Choudhary) constituted for Ms. Lavina Saluja has left the university due to his another appointment at Mahatma Gandhi Central University of Bihar. Hence, the DRC reconstituted the Research Advisory Committee (RAC) for Ms. Lavina Saluja as follows:

### Ms. LAVINA SALUJA

Sl. No.	Name of the faculty	Designation	Member
1.	Dr. Vimal Kishor	Associate Professor & Head, Department of Education, CUJ	Chairman (Ex- officio)
2.	Dr. Vimal Kishor	Associate Professor & Head, Department of Education, CUJ	<b>Supervisor</b> (Convener)
3.	-----	-----	Member from the Department
4.	Dr. Mahendra Singh	Assistant Professor, DBA, CUJ	Member from outside the Department
5.	Dr. Ranjit Kumar	Assistant Professor, DES, CUJ	Member from outside the Department

## 3. To discuss the application of Mr. Uttam Kumar (18310201002) for his temporarily withdrawal from Ph.D.

The Chairman of DRC informed the members that one Ph.D. student Mr. Uttam Kumar, Department of Education selected as Government Middle School Teacher and left the department on dated 24-08-2019 (AF). Further, the candidate submitted an application for temporary withdrawal from Ph.D. programme on dated 01-08-2019.


Handwritten signature and date: 16/08/19



The members discussed the matter and resolved that as the candidate passed his course work but not completed the minimum residential period of two years (as per Ph.D. ordinance Clause 18.2) therefore, temporary withdrawal from Ph.D. programme is not possible. Further, the members, suggested that the same case may be forwarded to the competent authority for further kind directions.

Meeting ended with a vote of thanks from the Chair.

  
(Dr. Dev Vrat Singh)  
Member

  
(Dr. Bibhuti Bhusan Biswas)  
Member

  
(Dr. Vimal Kishor)  
Chairman



प्रो. रजनीश जैन  
सचिव

Prof. Rajnish Jain  
Secretary



विश्वविद्यालय अनुदान आयोग  
**University Grants Commission**

(मानव संसाधन विकास मंत्रालय, भारत सरकार)  
(Ministry of Human Resource Development, Govt. of India)

बहादुरशाह जफर मार्ग, नई दिल्ली-110002  
Bahadur Shah Zafar Marg, New Delhi-110002

Ph.: 011-23236288/23239337

Fax: 011-2323 8858

E-mail: secy.ugc@nic.in

D.O.No.F.1-1/2018(Journal/CARE)

December, 2019

**Respected Sir/Madam,**

University Grants Commission in its 543<sup>rd</sup> meeting held on 9<sup>th</sup> August, 2019 approved two Credit Courses for awareness about publication ethics and publication misconducts entitled “**Research and Publication Ethics (RPE)**” to be made compulsory for all Ph.D. students for pre-registration course work **(attached as Annexure)**.

In view of the above, you are requested to ensure that the above two Credit courses may be made compulsory for all Ph.D. students for pre-registration course work undertaken in your University from the forthcoming academic session.

With regards,

Yours sincerely,

**(Rajnish Jain)**

**TO THE VICE-CHANCELLORS OF ALL UNIVERSITIES**

## ANNEXURE

### **Course Title:**

- **Research and Publication Ethics (RPE)**-Course for awareness about the publication ethics and publication misconducts.

### **Course Level:**

- 2 Credit course (30 hrs.)

### **Eligibility:**

- M.Phil., Ph.D. students and interested faculty members (It will be made available to post graduate students at later date)

### **Fees:**

- As per University Rules

### **Faculty:**

- Interdisciplinary Studies

### **Qualifications of faculty members of the course:**

- Ph.D. in relevant subject areas having more than 10 years' of teaching experience

### **About the course**

#### **Course Code: CPE- RPE**

#### **Overview**

- This course has total 6 units focusing on basics of philosophy of science and ethics, research integrity, publication ethics. Hands-on-sessions are designed to identify research misconduct and predatory publications. Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.) and plagiarism tools will be introduced in this course.

#### **Pedagogy:**

- Class room teaching, guest lectures, group discussions, and practical sessions.

#### **Evaluation**

- Continuous assessment will be done through tutorials, assignments, quizzes, and group discussions. Weightage will be given for active participation. Final written examination will be conducted at the end of the course.

## Course structure

- The course comprises of six modules listed in table below. Each module has 4-5 units.

Modules	Unit title	Teaching hours
<b>Theory</b>		
RPE 01	Philosophy and Ethics	4
RPE 02	Scientific Conduct	4
RPE 03	Publication Ethics	7
<b>Practice</b>		
RPE 04	Open Access Publishing	4
RPE 05	Publication Misconduct	4
RPE 06	Databases and Research Metrics	7
	<b>Total</b>	<b>30</b>

## Syllabus in detail

### THEORY

- RPE 01: PHILOSOPHY AND ETHICS (3 hrs.)**
  - Introduction to philosophy: definition, nature and scope, concept, branches
  - Ethics: definition, moral philosophy, nature of moral judgements and reactions
- RPE 02: SCIENTIFIC CONDUCT (5hrs.)**
  - Ethics with respect to science and research
  - Intellectual honesty and research integrity
  - Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
  - Redundant publications: duplicate and overlapping publications, salami slicing
  - Selective reporting and misrepresentation of data
- RPE 03: PUBLICATION ETHICS (7 hrs.)**
  - Publication ethics: definition, introduction and importance
  - Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
  - Conflicts of interest
  - Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
  - Violation of publication ethics, authorship and contributorship
  - Identification of publication misconduct, complaints and appeals
  - Predatory publishers and journals

### PRACTICE

- RPE 04: OPEN ACCESS PUBLISHING(4 hrs.)**

1. Open access publications and initiatives
2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies
3. Software tool to identify predatory publications developed by SPPU
4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

● **RPE 05: PUBLICATION MISCONDUCT (4hrs.)**

**A. Group Discussions (2 hrs.)**

1. Subject specific ethical issues, FFP, authorship
2. Conflicts of interest
3. Complaints and appeals: examples and fraud from India and abroad

**B. Software tools (2 hrs.)**

Use of plagiarism software like Turnitin, Urkund and other open source software tools

● **RPE 06: DATABASES AND RESEARCH METRICS (7hrs.)**

**A. Databases (4 hrs.)**

1. Indexing databases
2. Citation databases: Web of Science, Scopus, etc.

**B. Research Metrics (3 hrs.)**

1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
2. Metrics: h-index, g index, i10 index, altmetrics

**References**

- Bird, A. (2006). *Philosophy of Science*. Routledge.
- MacIntyre, Alasdair (1967) *A Short History of Ethics*. London.
- P. Chaddah, (2018) *Ethics in Competitive Research: Do not get scooped; do not get plagiarized*, ISBN:978-9387480865
- National Academy of Sciences, National Academy of Engineering and Institute of Medicine. (2009). *On Being a Scientist: A Guide to Responsible Conduct in Research: Third Edition*. National Academies Press.
- Resnik, D. B. (2011). What is ethics in research & why is it important. *National Institute of Environmental Health Sciences*, 1–10. Retrieved from <https://www.niehs.nih.gov/research/resources/bioethics/whatis/index.cfm>
- Beall, J. (2012). Predatory publishers are corrupting open access. *Nature*, 489(7415), 179–179. <https://doi.org/10.1038/489179a>
- Indian National Science Academy (INSA), *Ethics in Science Education, Research and Governance*(2019), ISBN:978-81-939482-1-7. [http://www.insaindia.res.in/pdf/Ethics\\_Book.pdf](http://www.insaindia.res.in/pdf/Ethics_Book.pdf)