



# INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI

(Established by Ministry of Human Resource Development, Govt. of India)

Sector 81, Knowledge City, P. O. Manauli, S.A.S. Nagar, Mohali, Punjab

Minutes of the 22<sup>nd</sup> Meeting of the Board of Governors held on 28<sup>th</sup> August, 2015 at 05.30 PM in the Conference room, Academic Block-1 of IISER Mohali campus, Sector 81, Mohali. The following members were present:

1	Dr. K. K. Talwar	Chairman
2.	Professor N. Sathyamurthy	Member
3.	Sh. Alex P. Thomas representative of Shri Yogendra Tripathi, IAS	Member
4.	Professor Sarit Kumar Das	Member
5.	Shri A. Venu Prasad, representative of Shri Sarvesh Kaushal, I.A.S., Chief Secretary, Govt. of Punjab	Member
6.	Professor Anand K. Bachhawat	Member
7.	Professor Jasjeet Singh Bagla	Member
8.	Dr. P. Bapaiah	Secretary
9.	Professor Kapil Hari Paranjape	Special Invitee
10.	Professor K. S. Viswanathan	Special Invitee
11.	Dr. Chanchal Kumar	Special Invitee

The following members could not be present in the meeting. Leave of absence was granted to these members:

1	Shri Vinay Sheel Oberoi, IAS, Secretary(HE), MHRD	Member
2	Professor Anurag Kumar	Member
3	Shri R. S. Sharma, IAS	Member
4	Dr. S. Ayyappan	Member

Item No.	Agenda
<b>B.O.G.15.22.1</b>	<b>Welcome Remarks by the Director.</b>
	— <b>Director welcomed the Chairman and the members. Director introduced Professor Sarit Kumar Das, Director IIT Ropar, Shri A. Venu Prasad, Principal Secretary, Higher Education, Government of</b>

	Punjab and requested the Chairman for his opening remarks and to take up the agenda.
<b>B.O.G.15.22.2</b>	<b>Opening Remarks by the Chairman.</b>
	<p>—</p> <p><b>Chairman welcomed all the members specially Professor Sarit Kumar Das, Director IIT Ropar, Shri A. Venu Prasad, Principal Secretary, Higher Education, Government of Punjab as they are participating for the first time in IISER meetings.</b></p>
<b>B.O.G.15.22.3</b>	<b>Director's report.</b>
	<p>The Director briefed the BOG about the scientific accomplishments of the faculty and the students. Some of them are:</p> <p>NASI Young Scientist Platinum Jubilee Award for Dr. Santanu Pal, Chemical Sciences</p> <p>INSA Young Scientist Award for Dr. Santanu Pal, Chemical Sciences Young Associate selection by Indian Academy of Sciences, Bangalore for Dr. Mahak Sharma, Biological Sciences</p> <p>Publication by Dr. Goutam Sheet and coworkers in Nature Materials</p> <p>Young Physicist Award for Leena Aggarwal, coworker of Dr. Goutam Sheet by Indian Physics Society</p> <p>Another coauthor of this paper is an undergraduate student. Professor Sudesh Kaur Khanduja, Mathematical Sciences has been selected for the Professor V.V. Narlikar Lecture Award by the India National Science Academy, New Delhi.</p>
<b>Decision</b>	<b>The Board of Governors noted the above achievements and congratulated all the above mentioned persons.</b>
<b>B.O.G.15.22.4</b>	<b>Confirmation of Draft Minutes of the 20th Meeting of the BOG held on May 8, 2015 in the conference room, Academic Block-1 of IISER Mohali.</b>
	Minutes have been circulated to all the members and invited the comments/views if any, by 30.06.2015. So far no remarks/comments have been received. Draft Minutes placed.
<b>Decision</b>	<b>Confirmed.</b>
<b>B.O.G.15.22.5</b>	<b>Action taken report on the draft minutes of the 20<sup>th</sup> meeting of the BOG held on May 8, 2015.</b>

Action taken report on the Draft Minutes of the 20<sup>th</sup> Meeting of the Board of Governors held on 8.5.2015 at 05.00 p.m. in the Conference Room, Academic Block-1 of IISER Mohali campus, Sector 81, Mohali.

Item no.	Agenda Items	Status
B.O.G.15.20.1	Welcome Remarks by the Director	--
B.O.G.15.20.2	Opening Remarks by the Chairman.	--
B.O.G.15.20.3	Director's report.	--
B.O.G.15.20.4	Confirmation of Draft Minutes of the 19th Meeting of the BOG held on December 26, 2014 in the conference room, Academic Block-1 of IISER Mohali.	Confirmed.
B.O.G.15.20.5	Action taken report on the draft minutes of the 19th meeting of the BOG held on December 26, 2014.	Noted.
	For Reporting:	
B.O.G.15.20.6	(a) The following Inspire faculty joined the Institute: 1. Dr. Monika Sharma 2. Dr. Manimala Mitra	Noted
	(b) Sanction for 15 additional Faculty positions.	Noted
B.O.G.15.20.7	Faculty Visits Abroad.	Noted
	For Ratification:	
B.O.G.15.20.8	a) Faculty Appointments: 1. Dr. Ujjal K Gautam	Ratified.
	b) Confirmation of Faculty members: 1. Dr. Sabyasachi Rakshit 2. Dr. Rhitoban Ray Chaudhary	Ratified.
B.O.G.15.20.9	a) Non-Teaching Appointments: 1. Regular: Sh. Chander Shekhar, Veterinarian w.e.f.	Ratified.

	<b>26.2.2015</b>	
	<b>b) Confirmation of non-teaching staff:</b> <b>1. Shri Kirpal Singh, Physical Education Instructor</b> <b>2. Ms. Jaspreet Kaur, Staff Nurse</b> <b>3. Shri C. Periyasamy, Staff Nurse</b>	Ratified.
<b>B.O.G. 15.20.10</b>	<b>Convocation 2015.</b>	4 <sup>th</sup> Convocation held on 29.5.15 with Professor MVS Valiathan as Chief Guest.
<b>For Consideration and approval:</b>		
<b>B.O.G. 15.20.11</b>	<b>Adoption of Unaudited Statement of Accounts for the year 2014-15 as recommended by the Finance Committee.</b>	Consequent upon adoption of Annual Statement of Accounts for the year 2014-15 by the BOG, AG, Punjab (Central) has been requested to audit our Annual Statement of Accounts vide this office letter no. IISER/15/REG./56 dated 15.5.15 duly enclosing 2 copies of the Annual Statement of Accounts. AG (Central) Punjab deputed a team and conducted Audit during 26.5.15 to 5.6.15 and submitted report/comments. Replies to each comments has been submitted with the approval of the Chairman. Report & replies placed at Agenda.
<b>B.O.G. 15.20.12</b>	<b>Budget estimates for the year 2015-16.</b>	Noted for compliance.
<b>B.O.G. 15.20.13</b>	<b>Amount to be transferred to Endowment Fund Account.</b>	Noted for compliance
<b>B.O.G. 15.20.14</b>	<b>Enhancement of non-tuition fee component for BS-MS, Int. PhD and PhD students.</b>	Noted for compliance.
<b>B.O.G. 15.20.15</b>	<b>Enhancement of Honorarium</b>	Noted for compliance.
<b>B.O.G. 15.20.16</b>	<b>Review of different departments at IISER Mohali</b>	Noted for compliance.
<b>B.O.G. 15.20.17</b>	<b>Draft MOU with Max-Planck-Society.</b>	Noted for compliance
<b>B.O.G. 15.20.18</b>	<b>Draft MOU with St. Andrews.</b>	Noted for compliance
<b>B.O.G. 15.20.19</b>	<b>Matters arising out of the</b>	As approved, the Architect rendering the services to the Institute i.e.

<b>Decision</b>		<b>Building &amp; Works Committee Meeting held on 4.5.2015.</b> <b>Landscaping at IISER Campus:</b>	Cosmic Designs Pvt. Ltd. was invited to give a proposal about the landscaping for the Institute. The Architect with his team made a presentation to the Building and Works Committee held on 5.8.2015. B&WC was not satisfied with the presentation and suggested many modifications. Further presentation will be made by the Architect at a future date.
	<b>B.O.G. 15.20.20</b>	Any other item with the permission of the Chair. a) Proposal to set up an STM facility.	
	<b>Noted.</b>		
<b>B.O.G.15.22.6</b>	<b>Confirmation of Draft Minutes of the 21<sup>st</sup> Meeting of the BOG held on May 29, 2015 in the CAF Building of IISER Mohali campus, Sector-81, Mohali.</b>		
<b>Decision</b>	Minutes have been circulated to all the members and invited the comments/views if any, by 9.07.2015. So far no remarks/comments have been received. Draft Minutes placed.  <b>Confirmed.</b>		
<b>B.O.G.15.22.7</b>	<b>Action taken report on the draft minutes of the 21<sup>st</sup> meeting of the BOG held on May 29, 2015.</b>		
	Action taken report on the Draft Minutes of the 21 <sup>st</sup> Meeting of the Board of Governors held on 29.5.2015 at 03.00 p.m. in the Conference Room, Academic Block-1 of IISER Mohali campus, Sector 81, Mohali.		
	<b>Item no.</b>	<b>Agenda Items</b>	<b>Status</b>
	<b>B.O.G.15.21.1</b>	<b>Welcome Remarks by the Director</b>	--
	<b>B.O.G.15.21.2</b>	<b>Opening Remarks by the Chairman.</b>	--
	<b>B.O.G.15.21.3</b>	<b>Director's report.</b>	--
	<b>B.O.G.15.21.4</b>	<b>Confirmation of Draft Minutes of the 20th Meeting of the BOG held on May 8,</b>	Confirmed.

	2015 in the conference room, Academic Block-1 of IISER Mohali.	
B.O.G.15.21.5	Action taken report on the draft minutes of the 20th meeting of the BOG held on May 8, 2015.	Noted.
<b>For Consideration and approval:</b>		
B.O.G. 15.21.6	<p>Consideration of the Minutes of the Academic Senate Meeting held on 19.5.2015 at 3.00 p.m. and matters arising thereon.</p> <p>a) Approval for the awarding of the BS-MS degrees, as recommended by the Academic Senate.</p> <p>b) Approval for 2 students of Integrated Ph.D programme for awarding the MS degree, as recommended by the Academic Senate.</p> <p>c) Approval for the awarding of the Ph.D Degree, as recommended by the Academic Senate.</p> <p>d) Awarding of the President's Gold Medal</p> <p>e) Awarding of Professor S.N. Kaul Medal.</p> <p>f) Issuing of Certificates of Academic Excellence.</p>	Degrees and certificates awarded during the convocation on 29.5.15.


Decision	B.O.G. 15.21.07	Any other item with the permission of the Chair.				
	Noted.					
For Reporting:						
B.O.G.15.22.08	a) Faculty Visits					
	Sr . No	Name of Faculty Members	Purpose of Visit	Duration of Visit	Place of Visit	Source of funding
	1.	Dr. Yogesh Singh	To attend a conference on Novel states in spin-orbit coupledquantum matter: from models to materials	July 25-August 03, 2015.	UCSB , Santa Barbara, California, USA	Ramanujan Fellowship
	2.	Professor Somdatta Sinha	To attend selection committee meeting	July 27 to August 02, 2015	ICTP Trieste Italy	Host Institute
	3.	Dr. Parth R Chauhan	To participate and convene XIX INQUA Congress 2015	July 24to August 04, 2015	Nagoya Congress Center, Japan	CPDA
	4.	Dr. Rachna Chaba	To attend the Conference of 2015 Molecular Genetics of Bacteria and Phages Meeting To attend Conference in USA, Indo-American Frontiers of Science (IAFOS)	August 04-08, 2015 & August 9-12, 2015.	USA	CPDA
	5.	Kausik Chattopadhyay	To participate in the 6 <sup>th</sup> EMBO meeting	September 4-11, 2015	United Kingdom	CPDA
	6.	Arunika Mukhopadhaya	To participate in the 6 <sup>th</sup> EMBO meeting	September 4-11, 2015	United Kingdom	CPDA
	7.	Dr. Santanu K Pal	To attend 16th Topical Meeting on the Optics of Liquid Crystals OLC’2015	September 13-18, 2015	Poland	CPDA
	8.	Professor Somdatta Sinha	To attend annual meeting of the Society for Mathematical Biology (SMB)	June 15 to July 8, 2015	USA	CPDA
9.	Dr. Vinayak Sinha	To attend 2 <sup>nd</sup> international workshop on Atmospheric Composition and the Asian Monsoon (ACAM) organized	June 07-10, 2015	Thailand	Max Planck-DST	

<b>Decision</b>			by Asian Institute of Technology, Thailand			
	10	Dr.Dipanjan Chakraborty	To deliver a lectures and Research Work	May 23-June 23, 2015	Germany	Alexander von Humboldt foundation , BuildMon a and DFG & CPDA
	11	Dr.Manimala Mitra	To attend the invisibles 15 workshop: “invisibles Meets visibles”	June 29-30,2015	Spain	INSPIRE Grant
	12	Dr. Samrat Mukhopadhyay	To visit Institute of Brain, Behaviour and Mental Health University for Research Work	June 07-28, 2015	Manchester, United Kingdom	Royal Society, London
	<p><b>Noted.</b></p> <p><b>b) Appointment of Adjunct/Honorary/Visiting Faculty</b></p>					
	<b>Sr. No</b>	<b>Name</b>	<b>Period of Appointment</b>	<b>Salary</b>		
	1.	Professor. C.G Mahajan Visiting Professor	August 01, 2015 to May 15,2016	80000/-		
	2.	Professor. Ramesh Kapoor Visiting Professor	August 01, 2015 to May 15,2016	80000/-		
	3.	Professor. H.L Vasudeva Visiting Professor	July 15,2015 to May 15,2016	80000/-		
	4.	Professor. T.R Rao Visiting Professor	July 15,2015 to May 15,2016	80000/-		
	5.	Professor. I.B.S Passi Honorary Professor	September 01,2015 to August 31,2016	80000/-		
	6.	Dr. P.S Ahuja Adjunct Professor	June 18,2015 to June 17,2018	-		
	7.	Dr. M.M Gupta Visiting Faculty	August 2015 to December 2015	-		



<b>Decision</b>	<b>Noted.</b>
<b>For Consideration and approval:</b>	
<b>B.O.G.15.22.09</b>	<b>Annual Statement of Accounts 2014-15-Audit Comments.</b>
<b>Decision</b>	<p>On adoption of Annual Statement of accounts for 2014-15, by the BOG in its meeting held on 08.05.15, AG (Punjab) Central was requested to Audit our accounts. AG (Punjab) Central and audited our Annual Statement of Accounts during 26.5.15 - 5.6.15 and submitted its report. Report placed. Reply to each comment submitted in annotated form with the approval of the Chairman.</p> <p>For kind perusal and approval.</p> <p>The above issue has been placed to the Finance Committee in its 18th Meeting.</p> <p><b>As recommended by the Finance Committee, the Board of Governors accorded approval.</b></p>
<b>B.O.G.15.22.10</b>	<b>Matters arising out of the 18<sup>th</sup> Finance Committee meeting held on 28.08.2015 at 05.00 p.m.</b>
	<b>(1). To consider PSPCL proposal to obtain electricity capacity of 66KV from PSPCL, 220KV substation located in Sector 80, Mohali.</b>
	<p>IISER Mohali's fully residential campus is in 125 acres of land given by the Punjab Government, in the Knowledge City at Sector 81 Mohali. For ensuring uninterrupted power supply to various Research Labs, Lecture Halls, Hostels, Street Lights, Residential towers, Visitors' Hostel, Health Centre, Sports Complex, Shopping Complex, Community Centre, STPs, Pump Houses, etc., the requirement of loads, needed to IISER Mohali from time to time, was examined and further, to keep the distribution losses to its minimum, in the interest of (National Policy) conservation of energy, IISER had designed to erect/set up a 66/11 KV Substation at its Campus. It was conveyed by the Director, IISER Mohali, to PSPCL, vide his letter dated 24.06.2009 which also included the erection/setting up of a 66/11 Substation at IISER Mohali. The matter relating to erection of 66/11 KV substation at IISER Mohali was further perused/examined in the review meeting held in the month of August 2009, between PSPCL and IISER Mohali wherein it was proposed and requested to</p>

<p><b>Decision</b></p>	<p>PSPCL to erect 66/11 KV substation at IISER Mohali to cater the load requirements of IISER Campus. The matter was discussed under the agenda "any other item with the permission of chair", in the B&amp;WC meeting held on 21.09.2009, wherein the scheme for external electrification entailing HT/LT grids, location of sub stations, etc. were deliberated. B&amp;WC had authorized the Director, IISER Mohali to accord administrative and financial approval for external electrification work(s) as and when the estimates are submitted by CPWD.</p> <p>Based on the past discussions with IISER, CPWD in the month of February 2011 had submitted an estimate of Rs.15,69,540/- which included consultancy charges for design/detailed estimate, BOQ, specifications for 66/11 KV Substation at IISER Mohali. Thereafter, CPWD submitted Preliminary Estimate for providing/erection of 66/11 at IISER Mohali having 8MVA transformer, double over head conductor bus bar, 72.5 KV, 1600 Amp circuit breakers, 66 KV Surge arrester, 11 KV HT cable from 66 KV transformer, indoor/outdoor HT joints, copper control cables, 63 KVA transformer and 25 KVA DG set for 66 KV Grid substation, civil works for foundation, control room, fencing, etc. As of now, 98% work of 66/11 KV Substation has been completed (testing remaining) and the remaining will also complete shortly.</p> <p>Now, the PSPCL has submitted a notice for depositing an amount of Rs.7,45,09,202/- (approx.) for providing/extension of supply/bulk load, laying cable, cost of bay, temporary circuit 125 meter cable, etc. Vide Memo No.676 dated 03.07.15 PSPCL has informed IISER to adjust Rs.88 lakh (which IISER has deposited with PSPCL for shifting of 66/11 KV line in its campus) in the above estimate.</p> <p>In view of above, it is proposed that the amount of Rs.7,45,09,202/- may kindly be approved/sanctioned to be paid to PSPCL to energize the 66/11 KV substation, at the earliest at IISER Mohali. In case if Rs.88 lakh is to be adjusted as expenditure above, the net amount to be deposited with PSPCL would be Rs.6,57,09,202.</p> <p>This matter was considered &amp; recommended by the B&amp;WC in its meeting held on 5.8.2015.</p>
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	<p>The Board of Governors deliberated on the above issue. The BoG desired to furnish the detailed justification for 66/11 kv requirements. Also desired that total estimated cost for this purpose, expenditure so far incurred, what are the deviations be furnished. (Estimated Cost = Rs. 6,21,21,005/-, Actual expenditure incurred upto July 2015 as per CPWD latest expenditure statement = 4,99,87,602/-). Details of the Director's visits to the PSPCL office and the outcome be placed on record as it appears that there is no possibility in cost reduction. The BoG also suggested that a time limit for total execution of the work without any over runs be obtained. The BoG also suggested that we may approach the Govt. Of Punjab to find alternatives at a cheaper cost. Since PSPCL engineers have certified (on the drawing) stating that there is no possibility to provide electricity connection through overhead lines and only alternative is through underground cabling and the proposal is from the Government of Punjab, as recommended by the Finance Committee, the BOG accorded its approval.</p>																
<b>B.O.G.15.22.11</b>	<p>Matters arising out of the 18<sup>th</sup> Academic Senate meeting held on 29.07.2015 at 03.00 p.m.</p>																
	<p>Minutes placed</p> <div style="text-align: center;">  <p><b>INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI</b> (Estd. By Ministry of Human Resource Development) Sector -81, Knowledge City, P.O. Manauli, S.A.S. Nagar, Mohali, Punjab</p> </div> <p>Draft Minutes for the 18<sup>th</sup> Meeting of the Academic Senate held on July 29, 2015 at 3.00 p.m. at IISER Mohali. The following members were present:</p> <table border="1"> <tr> <td>1</td><td>Professor N. Sathyamurthy, Chairman</td></tr> <tr> <td>2</td><td>Professor M. K. Surappa, Member</td></tr> <tr> <td>3</td><td>Professor Anand K. Bachhawat, Member</td></tr> <tr> <td>4</td><td>Professor Arvind, Member</td></tr> <tr> <td>5</td><td>Professor Kapil Hari Paranjape, Member</td></tr> <tr> <td>6</td><td>Professor Sudeshna Sinha, Member</td></tr> <tr> <td>7</td><td>Professor J. S. Bagla, Member</td></tr> <tr> <td>8</td><td>Professor P. Guptasarma, Member</td></tr> </table>	1	Professor N. Sathyamurthy, Chairman	2	Professor M. K. Surappa, Member	3	Professor Anand K. Bachhawat, Member	4	Professor Arvind, Member	5	Professor Kapil Hari Paranjape, Member	6	Professor Sudeshna Sinha, Member	7	Professor J. S. Bagla, Member	8	Professor P. Guptasarma, Member
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	9	Professor K. S. Viswanathan, Member
	10	Professor Sanjay Mandal, Member
	11	Dr. Dipanajan Chakraborty, Member
	12	Dr. P. Bapaiah, Secretary
	13	Mr. Harpreet Singh, SRC Convenor, Special Invitee
	The following members could not be present in the meeting. Leave of absence was granted to these members:	
	1	Professor Arun K. Grover, Member
	2	Professor Lilavati Krishnan, Member
	3	Professor Somdatta Sinha, Member
	4	Professor Sudesh Kaur Khanduja, member
	5	Professor C.S. Aulakh, Member
	6	Dr. Chanchal Kumar, Member
	7	Professor I. B. S. Passi, Member
	8	Professor Ramesh Kapoor, Member
	9	Professor C. G. Mahajan, Member
	10	Professor T. R. Rao, Member
	11	Professor H. L. Vasudeva, Member
	12	Mr. Martik Chatterjee, Student Representative, Special Invitee

	<p>held on May 19, 2015 were circulated to all the members and requested the members to convey the observations/comments, if any. No observations have been received. Accordingly it is requested that the Minutes of the 17<sup>th</sup> Meeting of the Academic Senate held on May 19, 2015 may be confirmed. Minutes placed at agenda.</p> <p><b>Confirmed.</b></p>															
<b>Senate 15.18.03</b>	<p><b>Action Taken report on the Draft Minutes of the 17<sup>th</sup> Meeting of the Academic Senate held on May19, 2015.</b></p>															
	<p>Action taken report on the Draft Minutes of the 17th Meeting of the Academic Senate of IISER Mohali held on May 29, 2015 at 03.00 p.m. at IISER Mohali, Sector 81 Mohali.</p> <table><tr><th>Item No.</th><th>Agenda</th><th>Action taken</th></tr><tr><td><b>Senate 15.17.01</b></td><td><b>Introductory remarks by the Chairman</b></td><td>--</td></tr><tr><td><b>Senate 15.17.02</b></td><td><b>Confirmation of the Draft Minutes of the 16<sup>th</sup> Meeting of the Academic Senate held on December 16, 2014.</b></td><td>Confirmed</td></tr><tr><td><b>Senate 15.17.03</b></td><td><b>Action Taken report on the Draft Minutes of the 16<sup>th</sup> Meeting of the Academic Senate held on December 16, 2014.</b></td><td>Noted</td></tr><tr><td></td><td><b>For Reporting.</b></td><td></td></tr></table>	Item No.	Agenda	Action taken	<b>Senate 15.17.01</b>	<b>Introductory remarks by the Chairman</b>	--	<b>Senate 15.17.02</b>	<b>Confirmation of the Draft Minutes of the 16<sup>th</sup> Meeting of the Academic Senate held on December 16, 2014.</b>	Confirmed	<b>Senate 15.17.03</b>	<b>Action Taken report on the Draft Minutes of the 16<sup>th</sup> Meeting of the Academic Senate held on December 16, 2014.</b>	Noted		<b>For Reporting.</b>	
Item No.	Agenda	Action taken														
<b>Senate 15.17.01</b>	<b>Introductory remarks by the Chairman</b>	--														
<b>Senate 15.17.02</b>	<b>Confirmation of the Draft Minutes of the 16<sup>th</sup> Meeting of the Academic Senate held on December 16, 2014.</b>	Confirmed														
<b>Senate 15.17.03</b>	<b>Action Taken report on the Draft Minutes of the 16<sup>th</sup> Meeting of the Academic Senate held on December 16, 2014.</b>	Noted														
	<b>For Reporting.</b>															

		<b>Senate 14.16.04</b>	<b>Terminated cases.</b>	Noted, no action required.
			<b>For Consideration and Approval</b>	
		<b>Senate 14.16.05</b>	<b>Candidates from IISER Mohali, applied for Direct Admission into the Ph.D. Programme.</b>	<p>So far 8 candidates paid fees out of the total 15(13+2) candidates. Formal registration will be made on 28.7.2015.</p> <p><b>i) Notional registration in PhD Programme:</b></p> <ol style="list-style-type: none"> <li>1. Pranay Deep Rungta, MS10004</li> <li>2. Nidhi Kaihnsa, MS10020</li> <li>3. Ashish Kumar, MS10043</li> <li>4. Lilit Jacob, MS10061</li> <li>5. Pallavi, MS10062</li> <li>6. Harshita Pawar,</li> </ol>
				<ol style="list-style-type: none"> <li>7. MS10075</li> <li>8. Haseeb Hakkim, MS10081</li> </ol> <p>The following two students sought notional registration in PhD programme on June 01, 2015 but did not pay the admission fee:</p> <ol style="list-style-type: none"> <li>1. Jagadish Prasad Hazra, MS10031</li> <li>2. Deshmukh Neeraj Ravindra, MS10085</li> </ol>
		<b>Senate 14.16.06</b>	<b>i) Students under the BS-MS dual degree</b>	As approved all the 75 candidates have been

			<b>program, fulfilling the requirements for the award of the degree.</b>	awarded BS-MS degrees during Convocation held on 29.5.2015.
			<b>(ii) The following 2 students of Integrated PhD programme have fulfilled the requirements for the award of MS Degree:</b>	Mr. S. Srikanth and Mr. Leena have been awarded MS degree during the Convocation held on 29.5.15.
			<b>iii) Students fulfilling the requirements for the award of Ph.D. Degree.</b>	8 Ph.D. degrees have been awarded to the candidates approved by the Academic Senate during the Convocation held on 29.5.15.
			<b>iv) President's Gold Medal</b>	As approved, President Gold Medal has been awarded to Ms Tanya Kaushal Srivastava, during the Convocation held on 29.5.15.
			<b>v) Professor S. N. Kaul Medal</b>	As approved, Professor S. N. Kaul Medal to Mr. Raut Akshay Hemant has been awarded during the Convocation held on 29.5.15.
			<b>vi) Certificate of Academic Excellence</b>	Certificates for Academic Excellence to the 4 candidates as approved by the Academic Senate have been issued.

		Senate 15.17.07	Performance of the BS-MS Students in 2014-15, 2 <sup>nd</sup> Semester.	Noted.
		Senate 15.17.08	Warning Cases of MS Students with CPI < 4 for the First Time.	Implemented
		Senate 15.17.09	Termination Cases.  a) Termination cases (on account of CPI< 4.0 in two semesters in a row).  b) Termination cases (on account of non- completion of core courses within prescribed period i.e. three years.	Implemented
		Senate 15.17.10	CNR Rao Foundation Prize for the Best Performing I <sup>st</sup> Year student of the BS-MS Programme in the 2014-15, 2 <sup>nd</sup> Semester.	Prize will be awarded during the Independence Day Celebrations on 15th August 2015.
		Senate 15.17.11	Certificate of Academic Excellence for the Best Performing students (II, III & IV year of BS-MS) in the 2014- 15, 2 <sup>nd</sup> Semester.	Certificates will be awarded to the students during the Independence Day Celebrations on 15th August 2015
		Senate 15.17.12	Fellowship Suspension of BS-MS Students at the End	



			<b>of 2014-15, 2nd Semester.</b>	
			<b>(A) Fellowship / Scholarship to remain suspended (Scholarship suspended w.e.f. January 2015).</b>	Noted.
			<b>(B) Fellowship / Scholarship to be suspended w.e.f. 1st June 2015.</b>	Implemented.
		<b>Senate 15.17.13</b>	<b>Fellowship/Scholarships to be restored w.e.f. 1st June, 2015.</b>	Implemented
		<b>Senate 15.17.14</b>	<b>Overall Performance of the Ph.D. Students in the Year 2014-15, 2nd Semester.</b>  <b>a). Overall performance of the Int. Ph.D. Students in the year 2014-15, 2nd Semester.</b>  <b>b) Overall performance of the Ph.D. Students doing coursework in the year 2014-15.</b>  <b>(c). Current activities of Ph.D. students who have completed</b>	Noted

			<b>their comprehensive examination.</b>	
		<b>Senate 15.17.15</b>	<b>The students of MS13 batch opted for Majors: 115</b>	Noted
		<b>Senate 15.17.16</b>	<b>Change in Grading Pattern for Projects, PRJ-501 &amp; 502.</b>	No Action required as it was decided to continue with the present practice.
		<b>Senate 15.17.17</b>	<b>Notional Registration-clarification about the payment of fellowship.</b>	Decision noted for implementation
		<b>Senate 15.17.18</b>	<b>Mr. Mayank Kumar's Case, Registration no. MS13126.</b>	-
		<b>Senate 15.17.19</b>	<b>MHRD - Guidelines for implementation of Global Initiative of Academic Network (GIAN).</b>	Noted. A committee with Professor Kapil H. Pranjape as a convenor and Dr. Chanchal, Dean Academics, Member, HOD, Physical Sciences, Member, HOD Biological Sciences, Member, HOD Chemical Sciences, Member, HOD, Mathematical Sciences, Member has been constituted to look into the matter and work out the modalities for credit.
		<b>Senate 15.17.20</b>	<b>Report of the disciplinary</b>	Noted.

			<b>committee.</b>	
		<b>Senate 15.17.21</b>	<b>Draft Guidelines for Int. PhD students submitting MS thesis (in lieu of PhD thesis)</b>	Guidelines noted for compliance.
		<b>Senate 15.17.22</b>	<b>Request of Ms. Gursharanjeet Sandhu, a student of BS-MS09 Batch (Registration no. MS09055)</b>	Ms. Gursharanjeet Kaur has opted for MS degree and she is pursuing the course.
		<b>Senate 15.17.23</b>	<b>New Courses.</b>	Noted
		<b>Senate 15.17.24</b>	<b>Convocation, 2015</b>	4 <sup>th</sup> Convocation held on 29.5.15.
		<b>Senate 15.17.25</b>	<b>Any other item with the permission of the Chair.</b>	
			<b>1. Prize for Innovation</b>	The committee is being constituted to work out the modalities for awarding innovation prizes.
			<b>2. Student - to-teacher- to-apparatus ratio in the BS/MS Teaching Labs.</b>	As decided views from all the faculty are being obtained and will be present in the next Academic Senate Meeting.
			<b>c) Flexibility in 5<sup>th</sup> Year Project:</b>	No Action required as it was decided to continue with the present

			practice.
		<b>Noted.</b>	
		<b>For Reporting:</b>	
<b>Senate 15.18.04</b>	<b>The following students have fulfilled the requirement of PhD Degree:</b>		
	<p>1) Name of Student: Kusum Lata</p> <p>Registration No.: PH08013</p> <p>Registration: January 2009</p> <p>Name of Supervisor: Dr. Kausik Chattopadhyay</p> <p>Title of the Thesis: Characterization of Helicobacter pylori TlyA as a membrane-damaging cytotoxic protein with amyloidogenic property</p> <p>Date of Thesis Submission: February 18, 2015.</p> <p>Thesis Examination Committee:</p> <p>i) Dr. Kausik Chattopadhyay (Supervisor)</p> <p>ii) Professor Umesh Varshney, Indian Institute of Science, Bangalore (External)</p> <p>iii) Professor Manuel Prieto, Centro Quimica-Fisica Molecular, Portugal (External)</p> <p>iv) Professor Gregor Anderluh, National Institute of Chemistry, Slovenia (External)</p> <p>Based on the recommendation of thesis examination committee viva-voce was conducted on July 17, 2015.</p> <p>Viva-voce Committee:</p> <p>i) Dr. Kausik Chattopadhyay (Convener)</p> <p>ii) Professor Umesh Varshney, Indian Institute of Science, Bangalore (External Examiner)</p> <p>iii) Professor Purnananda Guptasarma</p>		

	<p>iv) Dr. Arunika Mukhopadhaya</p> <p>The viva-voce committee has recommended that the PhD degree be awarded.</p> <p>2) Name of Student: Preety</p> <p>Registration No.: PH09024</p> <p>Registration: August 2009</p> <p>Name of Supervisor: Dr. Ramandeep Singh Johal</p> <p>Title of the Thesis: Prior information in inference of performance in constrained thermodynamic processes</p> <p>Date of Thesis Submission: April 28, 2015.</p> <p>Thesis Examination Committee:</p> <p>i) Dr. Ramandeep Singh Johal (Supervisor)</p> <p>ii) Professor David Jou, Universitat Autònoma de Barcelona, Spain (External)</p> <p>iii) Professor Sumiyoshi Abe, Mie University, Japan (External)</p> <p>iv) Professor K. P. N. Murthy, Central University of Hyderabad, Hyderabad (External)</p> <p>Based on the recommendation of thesis examination committee viva-voce was conducted on July 17, 2015.</p> <p>Viva-voce Committee:</p> <p>i) Dr. Ramandeep Singh Johal (Convener)</p> <p>ii) Professor K. P. N. Murthy, Central University of Hyderabad, Hyderabad (External Examiner)</p> <p>iii) Dr. Abhishek Chaudhuri</p> <p>iv) Dr. Kamal Priya Singh</p> <p>The viva-voce committee has recommended that the PhD degree be awarded.</p>
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	<p><b>Dr. Kausik Chattopadhyay explained to the Academic Senate about the thesis of Ms. Kusum Lata through a presentation. Similarly Dr. Ramandeep Singh Johal explained to the Academic Senate about the thesis of Ms. Preety through a presentation. The Academic Senate congratulated them.</b></p>
	<p><b>For Ratification:</b></p>
<p><b>Senate 15.18.05</b></p>	<p><b>Course PHY657: Radio-Frequency and Microwave circuits</b> [ Cr: 4, Lc: 3, Tt: 0, Lb: 1]</p>
	<p><b>Course Outline</b></p> <ul style="list-style-type: none"> <li>• Review of Maxwell's equations and basic electrodynamics, lumped versus distributed circuit elements Basics of transmission lines &amp; Wave guides, analysis of microwave networks using S-matrix parameters, smith chart, impedance matching &amp; tuning , passive components like attenuators, directional couplers, magic-Tee, phase shifters bias tee, microwave resonators and planar circuits like micro-strips, coplanar waveguides. Active components like low noise amplifiers and basics of microwave ICs. Mixers, low noise amplifiers , basics of microwave synthesizers .</li> <li>• Additional topics: Based on students background they will be assigned some selected additional topics for study along the guidelines below.</li> <li>• Analogy between theory of transmission lines and simple tunnelling in quantum mechanics, applications to physical systems. Microwave instruments like radars. Basics of test equipment like network analyzer, RF lock-in amplifier . Detailed study of applications of Microwave or RF circuits in selected modern physics experiments e.g. cyclotron resonance of carriers in semiconductors.</li> </ul> <p><b><u>Lab work : ( around 3 hrs per week)</u></b></p> <p>Involves designing, construction and testing of few components.</p> <p><b>Pre-requisites:</b> Physics 102 (Electricity and Magnetism) &amp; Physics 303 (Electrodynamics).</p>

		<p><b>Recommended Readings:</b></p> <ul style="list-style-type: none"> <li>• R.E. Collin Foundations of Microwave Engineering 2nd Edition Wiley (2001)</li> <li>• D.M. Pozar Microwave Engineering 4th Edition , Wiley (2011)</li> </ul> <p>Additional References:</p> <ul style="list-style-type: none"> <li>• F.E. Terman Electronic &amp; Radio Engineering McGraw Hill (1955)</li> <li>• J.A. Stratton "Electromagnetic Theory Mc Graw Hill" ( 1941)</li> <li>• Feynman et.al "Feynman Lectures Volume II" Addison Wesley (1964)</li> <li>• L. Brillouin Wave propagation in periodic structures McGraw Hill (1946)</li> <li>• R. Teppati et.al Modern RF and Microwave Measurement Techniques (The Cambridge RF and Microwave Engineering Series), Cambridge University Press (2013)</li> </ul> <p><b>Modified and resubmitted Course no. PHY657</b></p> <p><b>PHY657: Radio-frequency and microwave circuits</b>  <b>[Cr:4, Lc:3, Tt:0, Lb:3]</b></p> <p><b>Course Outline</b></p> <ul style="list-style-type: none"> <li>• This course will emphasize importance of radio-frequency and microwave circuits in modern physical experiments ranging from applications like fast circuits in quantum computing or measuring the cosmic microwave background.</li> <li>• Review of Maxwells equations and basic electrodynamics, lumped versus distributed circuit elements Basics of transmission lines Wave guides, analysis of microwave networks using S-matrix parameters, smith chart, impedance matching tuning , passive components like attenuators, directional couplers , magic-Tee, phase shifters bias tee,</li> </ul>	
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		<p>microwave resonators and planar circuits like microstrips, coplanar waveguides. Active components like low noise amplifiers and basics of microwave ICs. Mixers , low noise amplifiers , basics of microwave synthesizers .</p> <ul style="list-style-type: none"> <li>• Additional topics : Analogy between theory of transmission lines and simple tunneling in quantum mechanics, applications to physical systems. Microwave instruments like radars. Basics of test equipment like network analyzer, RF lock-in amplifier . Detailed study of applications of Microwave or RF circuits in selected modern physics experiments e.g. cyclotron resonance of carriers in semiconductors, Nuclear magnetic resonance, radio astronomy, rotational spectra of molecules using microwave spectroscopy etc.</li> <li>• Laboratory work involves designing, construction and testing of few components.</li> </ul> <p><b>Recommended Reading</b></p> <ul style="list-style-type: none"> <li>• R.E. Collin, <i>Foundations of Microwave Engineering</i>, 2nd Edition Wiley (2001).</li> <li>• D.M. Pozar, <i>Microwave Engineering</i>, 4th Edition , Wiley (2011).</li> <li>• F.E. Terman, <i>Electronic &amp; Radio Engineering</i>, McGraw Hill (1955).</li> <li>• J.A. Stratton, <i>Electromagnetic Theory</i>, Mc Graw Hill (1941).</li> <li>• Feynman et.al, <i>Feynman Lectures Volume II</i>, Addison Wesley (1964).</li> <li>• L. Brillouin, <i>Wave propagation in periodic structures</i>, McGraw Hill (1946).</li> <li>• R. Teppati et.al, <i>Modern RF and Microwave Measurement Techniques</i>, (The Cambridge RF and Microwave Engineering Series), Cambridge University Press (2013).</li> </ul> <p><b>Modified syllabus has been approved by the Chairman Academic Senate.</b></p> <p><b>Ratified.</b></p>	
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	<b>For Consideration and Approval:</b>																									
<b>Senate 15.18.06</b>	<b>Summer Semester 2015:</b>																									
	<p>The following courses were taught during summer semester 2015:</p> <table><tr><th>S. No.</th><th>Course Code</th><th>Title of the Course</th><th>Credits</th><th>No. of students enrolled</th></tr><tr><td>1.</td><td>BIO102</td><td>Gene expression and development</td><td>3</td><td>17</td></tr><tr><td>2.</td><td>CHM102</td><td>Atoms molecules and symmetry</td><td>3</td><td>36</td></tr><tr><td>3.</td><td>MTH102</td><td>Analysis in one variable</td><td>3</td><td>14</td></tr><tr><td>4.</td><td>CHM202</td><td>Energetics and dynamics of chemical reactions</td><td>3</td><td>08</td></tr></table> <p>Total No. of students enrolled: 56</p> <p>Number of 'F' grades cleared: 69</p> <p>Number of scholarships restored after summer (w.e.f. August 2015):</p> <p><b>The Academic Senate noted.</b></p> <p><b>BS-MS14 Batch:</b></p> <ul style="list-style-type: none"><li>• K Kemdina Christina, MS14043, CPI: 6.5</li><li>• Apoorv Alawada, MS14054, CPI: 6.7</li><li>• Dharmendra Kumar, MS14112, CPI: 6.3</li><li>• Vaishali Singh, MS14139, CPI: 6.0</li><li>• Prabhat Singh Rana, MS14140, CPI: 6.0</li><li>• Temura Chinmay Krishna Yadav, MS14159, CPI: 6.8</li><li>• Aswathy. P.R, MS14160, CPI: 6.4</li><li>• Sreenath. S.S, MS14163, CPI: 6.3</li></ul> <p><b>BS-MS13 Batch:</b></p>	S. No.	Course Code	Title of the Course	Credits	No. of students enrolled	1.	BIO102	Gene expression and development	3	17	2.	CHM102	Atoms molecules and symmetry	3	36	3.	MTH102	Analysis in one variable	3	14	4.	CHM202	Energetics and dynamics of chemical reactions	3	08
S. No.	Course Code	Title of the Course	Credits	No. of students enrolled																						
1.	BIO102	Gene expression and development	3	17																						
2.	CHM102	Atoms molecules and symmetry	3	36																						
3.	MTH102	Analysis in one variable	3	14																						
4.	CHM202	Energetics and dynamics of chemical reactions	3	08																						

- Shubham Singh Tomar, MS13099, CPI: 6.2

## **The Academic Senate noted.**

The following candidates after issuing termination have availed the summer course and attempted to improve their grades. The position after summer courses also indicates against each.

### **MS14 Batch:**

<b>Reg. No.</b>	<b>Name</b>	<b>CPI before summer semester</b>	<b>CPI After Summer semester</b>
MS14020	Shubham Dnyanobara o Bhojane	3.0	4.6
MS14064	Neetish Kumar Sharma	2.6	3.5
MS14126	Renu Meena	2.5	3.3

<b>Reg. No.</b>	<b>Name</b>	<b>No. of 'F' grades</b>	<b>No. of 'F' grades after summer semester</b>
MS12007	*Anand Gond	6	5
MS11020	*Deepanshu	4	3

All the above 5 candidates appeals are placed on the table.

\*They have registered in one course during summer semester 2015.

**1. Since Shubham Dnyanobara o Bhojane improved his CPI, he automatically stands to continue in the programme.**

	<p><b>2. Neetish Kumar Sharma, belongs to the OBC category. He was able to take summer courses and improve his CPI to 3.5, showing that he has the potential to complete his programme. Therefore, he is allowed to continue in the program by giving an undertaking that this is one final chance being given to him.</b></p> <p><b>3. Renu Meena belongs to ST Category. She took two summer course and improved her CPI to 3.3, showing that she has the potential to complete the programme. Therefore, she is allowed to continue in the programme by giving an undertaking that this is the final chance given to her.</b></p> <p><b>4. Since Anand Gond is having a CPI of 4.2 and has improved his performance by reducing the number of ‘F’ grades during the summer semester, he may be allowed to continue in the programme.</b></p> <p><b>5. Deepanshu has improved his performance during the summer semester by reducing the number of ‘F’ grades.</b></p>
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Therefore, he may be permitted to continue in the programme.

**6. Barun Kaidem has a CPI of 4.3 and belongs to the under privileged category. Therefore, he may be permitted to continue in the programme.**

**In addition, all the students and Deepanshu and Anand Gond in particular will be advised to clear their backlogs of the core courses before moving for majors.**

**The Senate also directed that a proposal be placed in the next Senate meeting for removing the three years restriction for clearing the core courses as students are allowed to graduate with two 'F' grades. Thus an appropriate proposal will be placed for consideration by the Senate in its next meeting.**

**Make-up examination:**

Mr. Nishant (Reg. No. MS10083) could not take his end semester examination on medical grounds. He was allowed to appear in Make-up examination. His performance in the Make-up examination is as follows:

**Mr. Nishant (Reg. No. MS10083), CPI: 5.0**

S. No.	Course code with title	Credits	Grade
1.	MTH308- Groups and fields	4	F

2.	MTH309- Measure and probability	4	F
3.	MTH415- Enumerative problems in geometry	4	B

### **Noted.**

**Number of students who have submitted thesis (after the last senate meeting): 03**

S. No.	Name	Reg. No.	Sub	Supervisor	Title of the Thesis
1.	Mr. Sukhdeep Kumar	PH08006	BIO	Prof. P. Gupta Sarma	Studies on selected biomolecules & their roles in cell proliferation, cytotoxicity and disease
2.	Ms Navnita Kumar	PH10048	CHM	Prof. Sanjay Mandal	Strategic Design of Amino Acid Based Ligands and Their Self-assembled Homochiral Coordination Architectures: Structural Diversity and Sensing Applications
3.	Ms Zeba Qadri	PH08019	CHM	Dr. Ramesh Ramchandran	Understanding Cross-polarization NMR Experiments Using Multi-mode Floquet Theory

### **Noted.**

**The following students have resigned from the PhD programme (after the last senate meeting):**

1. Mr. Sanjay Singh (PH14211), INS (resigned w.e.f. June 03, 2015)
2. Ms Devanshi Bhardwaj (PH14204), INS (resigned w.e.f. June 22, 2015)
3. Ms D S B L Subhashree (PH14221), INS (resigned w.e.f. July 01, 2015)

### **Noted.**

**Senate  
15.18.07**

**Academic Calendar 2016.**

Placed at **Agenda.**

Academic Calendar 2015-16 (Even Semester)					
Days	January, 2016	February, 2016	March, 2016	April, 2016	May, 2016
Monday	28, Dec	1			30
Tuesday	29, Dec	2	1		31
Wednesday	30, Dec	3	2		
Thursday	31 Dec 2015, Registration for New PhD students	4	3		
Friday	1 Registration for Sem II 2015-16 Deadline (5pm)	5	4	1	
Saturday	2	6	5	2 Majors Open House	
Sunday	3	7	6	3	1 Vacation Period (May 1 to July 31)
Monday	4 Commencement of Classes/ PhD Comprehensive exam week	8 1st Mid Sem Exam	7 Mahashivratri	4	2 Make Up Exam
Tuesday	5	9 1st Mid Sem Exam	8	5	3 Make Up Exam
Wednesday	6	10 1st Mid Sem Exam	9	6	4 Make Up Exam (5pm)
Thursday	7	11	10	7 PhD Interview Call Sent Out	5
Friday	8 Late Registration Deadline (5pm)	12	11	8 Finalisation of Teaching Assignment Odd Sem ( 2016-17)	6 End-Sem Correction Deadline (5pm)
Saturday	9	13	12	9 MS-Project Open Seminars Day	7
Sunday	10	14	13	10	8
Monday	11	15	14	11 Course Feedback Collection Week	9 Announcem ent of PhD Comprehens ive Exam Committee
Tuesday	12	16	15	12 Project & Major Registration Deadline (5pm)	10 Grade Finalisation Faculty Meeting

Academic Calendar 2015-16 (Even Semester)					
Days	January, 2016	February, 2016	March, 2016	April, 2016	May, 2016
Wednesday	13	17	16 2nd Mid Sem Exam	13	11 PhD Entrance Interviews
Thursday	14	18 PhD Advertisement Appears	17 2nd Mid Sem Exam	14 Pre-registration for Sem I 2016-17 (5pm) starts	12 PhD Entrance Interviews
Friday	15 Add/Drop of Courses Deadline (5pm)	19	18 2nd Mid Sem Exam	15	13 PhD Entrance Interviews
Saturday	16	20	19 Mid sem break	16	14 PhD Entrance Interviews
Sunday	17	21	20 Mid sem break	17	15
Monday	18	22	21 Mid sem break	18	16
Tuesday	19	23	22 Mid sem break	19	17 Senate Meeting
Wednesday	20	24	23 Mid sem break	20 Mahavir Jayanti	18
Thursday	21	25	24 Holi/ Mid sem break	21	19
Friday	22	26	25 Good Friday/ Mid sem break	22 Project Thesis Final Submission Deadline (5pm)	20
Saturday	23	27	26 Mid sem break	23 Pre-registration for Sem I 2016-17 (5pm) deadline	21 Budha Purnima
Sunday	24	28 Science Day	27 Mid sem break	24	22
Monday	25	29	28	25 End Sem Exam	23
Tuesday	26 Republic Day		29	26 End Sem Exam	24
Wednesday	27		30 PhD Online Form Deadline (12:00 noon)	27 End Sem Exam	25
Thursday	28		31	28 End Sem Exam	26

Academic Calendar 2015-16 (Even Semester)					
Days	January, 2016	February, 2016	March, 2016	April, 2016	May, 2016
Friday	29			29 End Sem Exam	27
Saturday	30			30 End Sem Exam	28
Sunday	31				29

\*Convocation Day (last week of May 2016) : To be decided by the Chairman Senate



Academic Calendar 2016-17 (Odd Semester)					
Days	August,2016	September,2016	October,2016	November,2016	December,2016
Wednesday	27 July, Registration for New PhD Students				
Thursday	28 July, Registration for New Int. PhD Students	1			1 (Vacation Period Dec 1 to Dec 31) / Make up Exam
Friday	29 July, Registration for Sem I 2016-17 Deadline (5pm)	2			2 Make up Exam
Saturday	30 July, Orientation & Registration Day for New BS-MS Students	3	1		3 Make up Exam
Sunday	31 July,	4	2 Mahatma Gandhi's Birthday		4
Monday	1 Commencement of Classes/ PhD Comprehensive exam week	5 Ganesh Chaturthi	3 2nd Mid Sem Exam		5 End Sem Correction Deadline (5pm)
Tuesday	2	6 1st Mid Sem Exam	4 2nd Mid Sem Exam	1 Pre-registration for Sem II 2015- 16 Starts	6
Wednesday	3	7 1st Mid Sem Exam	5 2nd Mid Sem Exam	2	7 Grade Finalisation Faculty Meeting
Thursday	4	8 1st Mid Sem Exam	6	3	8
Friday	5	9	7	4	9 Announcement of PhD Comprehensive Exam Committees
Saturday	6 Late Registration Deadline (5pm)	10	8 Mid Sem Break	5	10
Sunday	7	11	9 Mid Sem Break / PhD Online Form Deadline (12 noon)	6	11

Academic Calendar 2016-17 (Odd Semester)					
Days	August,2016	September,2016	October,2016	November,2016	December,2016
Monday	8	12 Idul' Juha (Bakrid)	10 Mid Sem Break	7 Course Feedback Collection Week	12
Tuesday	9	13	11 Dussehra / Mid Sem Break	8	13 Milad-un-Nabi (Birthday of Prophet)
Wednesday	10	14	12 Muharram / Mid Sem Break	9	14 PhD Entrance Interviews
Thursday	11	15	13 Mid Sem Break	10 Pre-registration for Sem II 2015- 16 Ends (5pm)	15 PhD Entrance Interviews
Friday	12 Add/Drop of Courses Deadline (5pm)	16	14 Mid Sem Break	11	16 PhD Entrance Interviews
Saturday	13	17	15 Mid Sem Break	12	17
Sunday	14	18	16 Mid Sem Break	13	18
Monday	15 Independence Day	19 PhD Advertisement Appears	17 Finalisation of Teaching Assignment Sem II 2016-17	14 Guru Nanak Jayanti	19
Tuesday	16	20	18	15	20
Wednesday	17	21	19	16	21
Thursday	18	22	20	17	22
Friday	19	23	21	18	23
Saturday	20	24	22	19	24
Sunday	21	25	23	20	25 Christmas Day
Monday	22	26	24	21	26
Tuesday	23	27 Foundation Day	25	22	27
Wednesday	24	28	26	23	28
Thursday	25	29	27	24	29
Friday	26	30	28 PhD Interview Call Sent Out	25 End Sem Exam	30
Saturday	27		29	26 End Sem Exam	31
Sunday	28		30 Deepawali	27	
Monday	29		31	28 End Sem Exam	
Tuesday	30			29 End Sem Exam	
Wednesday	31			30 End Sem Exam	
* Senate Meeting : To be decided by the Chairman Senate					

**Approved.**


**Senate  
15.18.08**

**Request for the course waiver from Ms. Moumita Rana.**

Ms. Moumita Rana has been admitted into Ph.D programme through formal channel. Earlier to the receipt of our offer she was doing PhD at JNCASR. On receipt of our offer she made a request for course waiver as she had completed 15 credits of course and presented 2 seminars while working as a Ph.D. scholar at JNCASR. Since there is a provision in our rules for transferring of the credits from other IISERs and other similar Institutions, it is proposed that her credits may be transferred to the IISER Mohali to enable her to continue her Ph.D programme. IISER Mohali departmental committee meeting minutes placed at agenda. Committee report reproduced below.

26/6/15 18<sup>th</sup> Senate

26/6/15


**INDIAN INSTITUTE OF SCIENCE EDUCATION & RESEARCH**  
 (Established by Ministry of Human Resource Development, Govt. of India)  
 Knowledge City, SAS Nagar, Sector 81  
 Mohali 140306, Punjab, India

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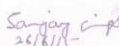
**Prof. K. S. Viswanathan**  
 Head, Department of Chemical Sciences
 June 26, 2015

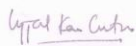
Sub: Course waiver request of Ms Moumita Rana

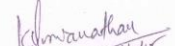
Following a request for course waiver from Ms Moumita Rana, the committee consisting of Dr. Sanjay Singh, Dr. Ujjal Gautam (Supervisor), Prof K. S. Viswanathan (Convenor and Head, DCS) has examined the above request.

From her records of courses taken at JNCASR, it is clear that she has taken 15 credits of courses and has presented two seminars. As per IISER, Mohali academic programme, seminars carry two credits each. Hence the committee considers that the student has taken 19 credits of courses, and recommends that she be allowed to transfer all these credits and be granted a course waiver for 19 credits.

It is further recommended that Ms Moumita be directed to take one course in the PhD programme, which will result in a total of 23 course credits. The one credit remaining (to bring the number of credits to the required 24), may be waived, in view of the 5 publications that she has in good journals, one paper under review and a patent that she has filed.


  
 26/6/15  
 (Sanjay Singh)

  
 26/6/15  
 (Ujjal Gautam)

  
 26/6/15  
 (K.S. Viswanathan)

The departmental committee constituted to examine course waiver request of Ms. Moumita Rana has recommended course waiver worth 20 credits in total.


Place for approval.

  
 26-06-2015

Chairman faculty

Please put it to the Senate for its consideration in the forth coming meeting in July 2015

N. Santos 26/6/15

Registrar: May kindly do the needful. 

We may place it in next Senate meeting 28/6/15

		<b>Academic Senate approved the transfer of 19 credits, but did not agree for the waiver of one credit. Therefore, she is advised to register for a seminar course (1 credit), in addition to a regular course of 4 credits.</b>
	<b>Senate 15.18.9</b>	<b>Appeal of Ms. Sreshta Elchuri (MS13013)</b>
		<p>Ms. Sreshta Elchuri joined BS-MS programme at IISER Mohali through JEE advanced channel in 2013. She belongs to the underprivileged category. Her programme has been terminated as per the decision of the Academic Senate as she got less than 4 CPI. She got less than 4 CPI in earlier occasion also. Based on her undertaking she was given a chance in earlier occasion also. The details of her representation and her earlier records including the grade card are placed.</p> <p><b>Since her CPI is 3.5, close to the minimum requirement of CPI of 4.0, which she may reach with efforts and she belongs to the under privileged community, she be permitted to register in the coming semester, as a special case. This is the last chance given to her. If she fails to obtain the required CPI, her program will be terminated and no further appeal will be entertained.</b></p>

	<b>Senate 15.18.10</b>	<b>Committee against Sexual Harassment - Details of the cases referred to the committee.</b>
		<p>1. Minutes of the meeting of the Committee Against Sexual Harassment of Woman dated 22.6.2015.</p> <p>2. A case under the process/consideration of the committee.</p> <p>3. A case under the process/consideration of the committee.</p> <p>Details will be presented to the committee on table.</p> <p><b>The Chairman appraised the Academic Senate about the above Sexual Harassment complaints and the action taken by the committee against the sexual harassment and the progress in the investigation of the each case and sought the opinion/advise of the Academic Senate as these cases are pertaining to the students. The Academic Senate advised the Chairman to seek the legal advice in the capacity as a Director.</b></p>
	<b>Senate 15.18.11</b>	<b>Draft proposal for the position of Emeritus Professor for colleagues retiring from IISER Mohali.</b>
		<p>Colleagues active in research and/or have an excellent track record of teaching, on retirement from IISER Mohali may be appointed Emeritus Professors, on a case to case basis for a period of three to five years, which may be extended further.</p> <p><b>Eligibility:</b> Minimum five years of service at IISER Mohali and active in research and/or have an excellent track record of teaching.</p>

	<p><b>Procedure:</b> the department proposes and the proposal is vetted by the Committee of Deans, Chaired by the Director and the recommendation sent to the Board for approval.</p> <p>The process should be initiated, preferably, one year in advance.</p> <p><b>Privileges of an Emeritus Professor:</b></p> <ul style="list-style-type: none"> <li>a). Institute affiliation; the title of an Emeritus Professor IISER Mohali would be used in correspondence and research publications.</li> <li>b). Gets to keep an office; may be shared, if needed.</li> <li>c). Access to research infrastructure of the institute, like library, computer centre, etc.</li> <li>d). Can avail fellowships and research funds from outside agencies</li> <li>e). Can receive honorarium for lectures and/or courses given in the Institute, as per norms of the Institute.</li> <li>f). Can continue to guide UG/PG students.</li> <li>g). Housing, subject to availability.</li> </ul> <p><b>The Academic Senate agreed in principle. The Senators are requested to send their inputs within two weeks to the Chairman Academic Senate.</b></p>
<b>Senate 15.18.12</b>	<b>Any other item with the permission of the Chair.</b>
	<p>1. A request for Ph.D transfer on Medical Grounds from Ms. Neha Sharma, Ph.D. scholar from IISER Pune placed</p> <p><b>The candidate may seek admission at IISER Mohali through formal channel. Upon her admission only credits transfer issues can be considered by the Academic Senate.</b></p> <p><b>2. One of the Senators submitted the following proposal for consideration by the Senate:</b></p> <p><b>Provisional admission to Int. PhD and PhD programs.</b> Selection for these two programs is done in May, in anticipation of candidates meeting all the requirements</p>



	<p>in time for registration in the last week of July. However, declaration of results in some universities is delayed and students are unable to provide certificates to prove that they have completed the requirements at the time of registration.</p> <p>It is proposed that such students may be given a provisional admission, which can be converted to a formal admission once they submit all the required papers. If all the required papers are not submitted by Sep.1 of a given year then the provisional admission should be cancelled.</p> <p>Each student who is provisionally admitted should give an undertaking to the effect that they understand the terms and conditions.</p> <p>Fellowship should be paid to students from the date of registration, but only after they have submitted all the papers and their provisional admission is converted into a formal admission. Fellowship should not be released as long as the admission is only provisional.</p> <p><b>The above proposal has been accepted by the Academic Senate with the provision of September 30th, as the deadline for submission of the required documents.</b></p>
	<p style="text-align: right;">-Sd/- Secretary, Academic Senate IISER Mohali</p> <p style="text-align: center;">-Sd/- Chairman, Academic Senate IISER Mohali</p> <p><b>Noted.</b></p>

<b>Decision</b>	
<b>B.O.G.15.22.12</b>	<b>Appointment of an Audit Officer</b>
<b>Decision</b>	<p>The audit party had suggested the appointment of an Internal Audit Officer in the Institute. The Board had permitted the appointment of Shri P. K. Sharma a retired officer from AG, Punjab as the Internal Audit Officer temporarily on a consolidated pay of Rs. 25000/- p.m.</p> <p>While sanctioning 66 positions of non-teaching staff 3 positions have been left for discretion of the Institute. Out of the 3 positions Institute appointed 1 Veterinarian and balance 2 positions are still available and accordingly it is proposed to appoint an Audit Officer on deputation from AG, against one of the two posts given by MHRD.</p> <p>Submitted to the Board for consideration.</p> <p><b>The proposal to utilize one post for appointment of an Internal Audit Officer is approved. Recruitment rules may be made.</b></p>
<b>B.O.G.15.22.13</b>	<b>Appointment of a Horticulturist</b>
	<p>IISER Mohali has grown in size over the years. Now that phase 1 of construction is nearly over, landscaping the campus continues and there is a need to improve the greenery in the campus by planting trees and shrubs and maintaining them. Dr. Bilga used to act as Advisor, Landscape and Horticulturist for four years.</p> <p>There are a few posts of the Technical/Scientific Assistants/Lab Technicians are available at the Institute. One among these posts, the</p>



<b>Decision</b>	<p>Institute may be permitted to utilize for the appointment for the suitable Horticulture supervisor. The Institute proposes to appoint initially on deputation/contract basis for a period of 5 years with usual pay and allowances of the existing post.</p> <p><b>Approved the proposal preferably on deputation basis.</b></p>
<b>B.O.G.15.22.14</b>	<p><b>Adoption of GOI modified Assured Career Progression scheme to the non-teaching employees of IISER Mohali.</b></p>
<b>Decision</b>	<p>Since IISER(M) employees are not having any avenue for their promotions, we may adopt GOI scheme which provides for 3 financial up-gradations during their career.</p> <p><b>Approved.</b></p>
<b>B.O.G.15.22.15</b>	<p><b>Draft proposal for the position of Emeritus Professor for colleagues retiring from IISER Mohali.</b></p>
	<p>Colleagues active in research and/or have an excellent track record of teaching, on retirement from IISER Mohali may be appointed Emeritus Professors, on a case to case basis for a period of three to five years, which may be extended further.</p> <p><b>Eligibility:</b> Minimum five years of service at IISER Mohali and active in research and/or have an excellent track record of teaching.</p> <p><b>Procedure:</b> the department proposes and the proposal is vetted by the Committee of Deans, Chaired by the Director and the recommendation sent to the Board for approval.</p> <p>The process should be initiated, preferably, one year in advance.</p> <p><b>Privileges of an Emeritus Professor:</b></p> <p>a) Institute affiliation; the title of an Emeritus Professor IISER Mohali would be used in correspondence and research</p>

	<p>publications.</p> <p>b) Gets to keep an office; may be shared, if needed.</p> <p>c) Access to research infrastructure of the institute, like library, computer centre, etc.</p> <p>d) Can avail fellowships and research funds from outside agencies</p> <p>e) Can receive honorarium for lectures and/or courses given in the Institute, as per norms of the Institute.</p> <p>f) Can continue to guide UG/PG students.</p> <p>g) Housing, subject to availability.</p>
<b>Decision</b>	<b>Proposal approved excluding the clause (g) i.e. Housing, subject to availability.</b>
<b>B.O.G.15.22.16</b>	<b>Approval of the MHRD for entering into the Agreement by the IISERs with the Foreign Agencies for cooperation in the field of Education.</b>
	<p>MHRD forwarded a letter no. F. No. 40-29/2014-TS.VII dated 04.08.15 regarding Exemption from seeking approval of the Cabinet for entering into agreement with foreign agencies for co-operation in the field of education. The same is provided in Act covering the IISER Mohali i.e. The National Institute of Technology (Amendment) Act, 2012 of IISER Mohali no. 6(1) it provides that “ to co-operate with educational or other institutions in any part of the world having objects wholly or partly similar to those of the Institute by exchange of teachers and scholars and generally in such manner as may be conducive to their common objects.”</p> <p>Since our Act permits for cooperation in the field of Education with any agency including foreign agencies, the Board may permit the Institute to enter into the agreement accordingly as and when required, MHRD letter</p>

referred above is placed

**F.No.40-29/2014-TS VII**  
**Government of India**  
**Ministry of Human Resource Development**  
**Department of Higher Education**  
**Technical Section-VII**

Shastri Bhawan, New Delhi  
Dated the 31st July, 2015

To

- |   |   |
|---|---|
| 1. <b>The Director</b><br>IISC, Bangalore | 4. <b>The Director</b><br>IISER Mohali                |
| 2. <b>The Director</b><br>IISER, Pune     | 5. <b>The Director</b><br>IISER Bhopal                |
| 3. <b>The Director</b><br>IISER, Kolkata  | 6. <b>The Director</b><br>IISER<br>Thiruvananthapuram |

**Subject: Exemption from seeking approval of the Cabinet for entering into agreement with foreign agencies for co-operation in the field of education.**

Sir,

I am directed to say that it has been decided that the approval of the cabinet is exempted for entering into an agreement with foreign agencies for co-operation in the field of education as under:

- (a) In the case of agreement at Institutional level, where there is a provision in the Act (under which the Institution has been established) to enter into an agreement with the foreign institution, the institutions are exempted from taking approval of the Ministry/Cabinet and are allowed to enter into the agreement with the approval of Board of Governors, as per the extant practice, provided it conforms with the National Education Policy, Acts of Parliament and any other laws of the land in vogue.
  - (b) If there is no provision in the Act of the Institution for signing agreement with the foreign agency, agreement may be signed with the approval of this Ministry.
1. In the case of agreement between the Government to Government, approval of the Cabinet may continue to be taken in terms of the extant instructions and after completion of the laid down process. A copy of this Ministry's OM No.6-2/2015-ICC, dated 17<sup>th</sup> July 2015, on the subject under reference is enclosed for information, reference and compliance.

Yours faithfully,

Sd/-

(Sujit Kumar)  
Under Secretary to the Government of India  
Tel:2307 4199

**F.No.6-2/2015-ICC  
Government of India  
Ministry of Human Resource Development  
Department of Higher Education  
(International Cooperation Cell)**

Room No.516-C, Shastri Bhavan  
New Delhi, the 17<sup>th</sup> July, 2015

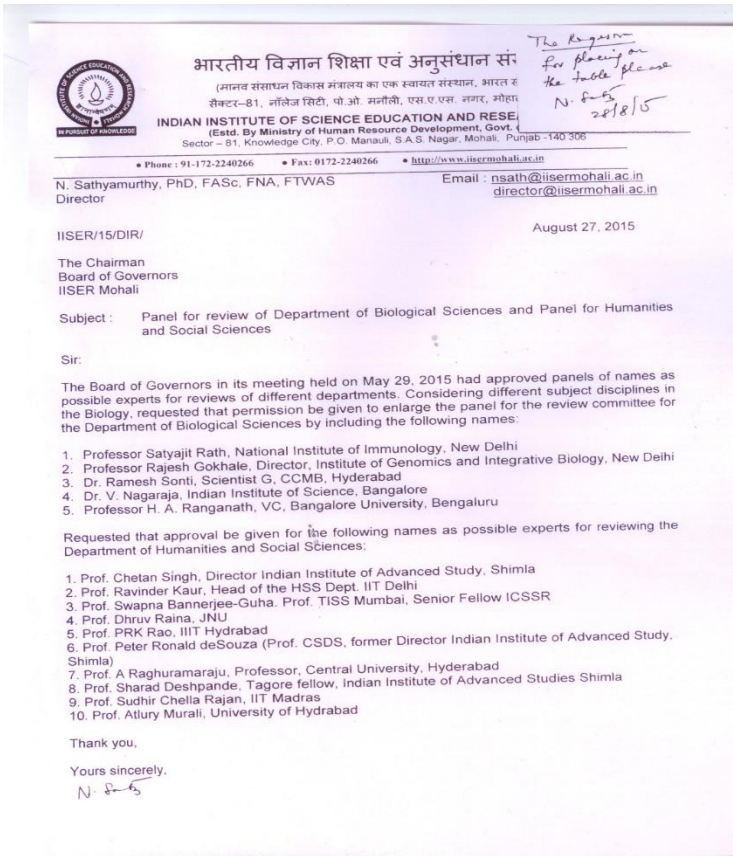
**OFFICE MEMORANDUM**

Subject: Exemption from seeking approval of Cabinet for entering into agreement with foreign agencies for cooperation in the field of education-reg.

In continuation of this Department's OM of even number dated 8th July, 2015 (Copy enclosed) it is informed that the Cabinet Secretariat vide their O.M. No.1/48/7/2015-Ca. dated 9th July, 2015 has granted exemption from cabinet approval for entering into an agreement with foreign agencies for cooperation in field of education as under:

- a) In the cases of agreement at Institutional level, where there is a provision in the Act (under which the Institution has been established) to enter into an agreement with the foreign institution, the Institutions are exempted from taking approval of Ministry/Cabinet and are allowed to enter into the agreement with the approval of Board of Governors as per the extant practice *provided it conforms with the National Education Policy, Acts of Parliament and any other laws of the land in vogue.*
  - b) If there is no provision in the Act of the Institution for signing agreement with the foreign agency, agreement may be signed with the approval of this Ministry.
2. In the case of agreement between Government to Government, approval of the Cabinet may continue to be taken in terms of the extant instructions and after completion of the laid down process.
2. All Bureau Heads in the Department of Higher Education and in the Department of School Education & Literacy are requested to circulate these instructions to all Subordinate/Attached bodies, Constitutional/Statutory Bodies, Autonomous Organizations/Institutions and authorities under their administrative control for strict adherence

	<p style="text-align: right;">sd/- (Alok Mishra) Director (ICC) Tel: 23381058</p> <p><b>Encl:As above.</b> Copy to:</p> <ol style="list-style-type: none"> <li>1. All Bureau Heads in the Department of Higher Education and in the Department of School Education &amp; Literacy.</li> <li>2. Sr. PPS to Secretary (HE)/PPS to Secretary (SE&amp;L).</li> <li>3. NIC with the request to upload on the website of the Ministry.</li> <li>4. CMIS with the request to upload on e-office portal of the Ministry.</li> </ol>
<b>Decision</b>	<b>Noted. Accordingly, as and when an agreement is to be signed by the IISER Mohali with the foreign agencies for co-operation in the field of the education, the concerned proposal be placed for consideration.</b>
<b>B.O.G.15.22.17</b>	<b>SC/ST/OBC nominee of the Board for serving as an observer in selection committee considering SC/ST/OBC candidates.</b>
	For the purpose of serving as an observer on behalf of the Board of Governors in selection committees, it is requested that permission be given to invite a person of the rank of an appropriate level and above, either in service or retired from service from an IIT, IISER, Central University or a reputed academic institution, depending upon the subject and the post.
<b>Decision</b>	<b>Approved. Only serving officials be invited and not the retired persons.</b>
<b>B.O.G.15.22.18</b>	<b>Expert nominee for serving in the selection committee for Group B and C posts</b>
	As per the statutes, one expert nominee of the Board is required as a member of the selection committees for the appointment of Group B and C employees.
	It is requested that permission be given to invite experts of Group 'A' either from the faculty or from the administration from one of the IITs, IISERs or Central Universities as and when required.

<b>Decision</b>	<b>The proposal approved.</b>
<b>B.O.G.15.22.19</b>	<b>Enlarging the panel of experts to serve as members of the Review committee for Biological Sciences.</b>
	Request placed on the table is as follows:  
<b>Decision</b>	<b>Approved.</b>
<b>B.O.G.15.22.20</b>	<b>Appointment of Dean Students and Dean R &amp; D</b>
	Will be placed on the table.
<b>Decision</b>	<b>Item withdrawn.</b>
<b>B.O.G.15.22.21</b>	<b>Faculty Exchanges</b>
	To increase interaction between colleagues of IISERs, it is proposed that a faculty exchange programme between IISERs be initiated. The salient features of the exchange programme are:  Faculty members in one IISER can be invited to another IISER on the exchange programme for a period of upto two years.

	<p>The moving expenses for the faculty member and his/her family in both directions will be borne by the inviting IISER. The salary and other perks to the faculty member will be paid by the inviting IISER.</p> <p>Services in the visiting Institute will be treated as services in the parent Institute.</p> <p>All five IISER Directors have agreed to the proposal.</p> <p>Submitted to the Board for its considerations &amp; approval.</p> <p><b>Proposal approved.</b></p>
<b>Decision</b>	
<b>B.O.G.15.22.22</b>	<b>Approval for Annual Report</b>
	<p>Annual report of the Institute is to be placed on the table of the Parliament every year through MHRD. Accordingly, Draft Annual Report for the year 2014-15 was placed for the perusal of the Board in its meeting held on 29.5.2015.</p> <p>Now Annual report duly translated in to Hindi is also placed for consideration &amp; adoption.</p> <p><b>Approved.</b></p>
<b>Decision</b>	
<b>B.O.G.15.22.23</b>	<b>Any other item with the permission of the Chair.</b>
	<p>Financial support for the Post –doctoral fellows to present work done in meetings.</p> <p>To Prof K. K. Talwar Chairman Board of Governors IISER Mohali</p> <p>Subject: Financial support for Post-doctoral fellows to present work done in Meetings.</p> <p>Dear Sir, The IISER Mohali Board of Governors has recently approved financial support to PhD students for attending international conferences upto Rs. 50,000 once during their duration of PhD to be able to present work done at IISER Mohali. This has been a wonderful initiative and has led to many of our PhD students</p>

<b>Decision</b>	<p>getting the much-needed exposure and feedback on their work from international peers.</p> <p>Currently, there is no such provision for financial support to be given to Post-doctoral fellows. We have begun to receive a few requests for such support, and it would be very beneficial for the post-doctoral students to be able to go to such conference. IISER Mohali also benefits greatly by getting this international exposure. Thus in case the work of a post-doctoral fellow done at IISER Mohali has been accepted at a conference nationally or internationally, it would be great boost to such young investigators if they are given financial support upto a maximum of Rs. 50,000 once during their tenure at IISER Mohali for work done at IISER Mohali during the post-doctoral fellowship period.</p> <p>I would thus like to request the Board of Governors to kindly approve the financial support of Post-doctoral fellows for presenting such work done at IISER Mohali, upto a maximum of Rs. 50,000 during their tenure at IISER Mohali.</p> <p>Thanking you, Yours sincerely, -Sd/- Anand K. Bachhawat Dean R &amp; D</p>
	<p><b>Approved.</b></p>

**Sd/-  
Director  
IISER Mohali**

**Sd/-  
Chairman  
IISER Mohali**

**Sd/-  
Registrar/Secretary  
IISER Mohali**