



## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI

**Transit Campus: MGSIPA Complex, Adj. Sacred Heart School,**

**Sector 26, Chandigarh-160 019**

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### **Minutes of the First Meeting of the Board of Governors IISER Mohali held on July 18, 2007.**

The following members were present :-

1. Professor P. Rama Rao, ISRO Dr. Brahm Prakash (Chairman)  
Distinguished Professor, International Advanced  
Research Centre for Powder Metallurgy and  
New Materials (ARCI), Balapur P.O. Hyderabad  
500005.
2. Shri Ramesh Inder Singh, IAS, Chief Secretary, (Member)  
Government of Punjab, Chandigarh 160 001
3. Professor K.N. Ganesh, Director, IISER Pune, (Member)  
900 NCL Innovation Park, Homi Bhabha Road,  
Pune 411008
4. Professor S. G. Dani, School of Mathematics, (Member)  
TIFR, Homi Bhabha Road, Mumbai 400 005.
5. Professor Ramesh Kapoor, IISER, Mohali (Member)  
MGSIPA Complex, Sector 26, Chandigarh  
160019
6. Professor C. G. Mahajan, IISER, Mohali, (Member)  
MGSIPA Complex, Sector 26, Chandigarh  
160019

7. Professor N. Sathyamurthy, (Member)  
Director
8. Mr. J.P.Singh (Secretary)  
Act. Registrar

**Special Invitee**

9. Professor I.B.S. Passi  
Honorary Professor,  
H. No. 381, Sector 38A  
Chandigarh 160014
10. Dr. A. K. Bachhawat  
IMTECH. Sector 39-A,  
Chandigarh, 160036.
11. Dr. Jagdeep Singh  
Co-ordinator IISER, Mohali,  
MGSIPA Complex, Sector 26,  
Chandigarh 160019

<b>BOG.07.1.1.</b>	<b>Welcome address by the Chairman and introduction of members.</b>
	<p>The Chairman welcomed the members of the Board of Governors and introduced them. He was happy to inform that he has taken the responsibility of establishing this Institute as desired by the Government of India and will fulfill the responsibility as assigned to him. He also thanked the Chief Secretary, Government of Punjab for providing building in MGSIPA Complex and extending full support to the Institute. The Chairman requested the Chief Secretary, Government of Punjab for the transfer of the land for the Institute at Mohali at the earliest so that the construction works will be started in time.</p>
<b>BOG. 07.1.2</b>	<b>Welcome address by the Director.</b>
	<p>The Board noted the information given by the Director and expressed happiness. The Director specifically thanked Dr. S.C. Laroiya, Director, NITTTR, for providing hostel accommodation for the First Batch of students and other support.</p>
<b>BOG. 07.1.3</b>	<b>Chronological development of Indian Institute of Science Education &amp; Research, Mohali.</b>
	<p>The Government of India has established Indian Institute of Science Education and Research (IISER) at Mohali, Chandigarh (Punjab) vide letter no. Do No. 22-52/2006-TS.I dt. 2/6 March, 2007. In this connection the order of the Government of India and a copy of the Memorandum of Association (signed) is enclosed. The objects of the institution are the following;-</p> <p>(1). To create world class institution for under graduate and Post Graduate Education with an intellectually alive atmosphere of research. (2) To create a unique research Institution in the country in which education will be totally integrated with state-of-the-art research. (3) To create an integrated Masters programme in sciences following ten-plus-two curriculum. (4) To create a Cadre of high Caliber internationally well-known faculty members which will be devoted to teaching as well as research activities in Science.</p> <p>For this purpose the institute was registered under the society Registration act (XXI of 1960) on 27.12.2006-2007 vide registration No. 1978 of 2006-07.</p> <p>The Government of India vide its letter No. 22-52/2006-TSI at 2nd/6th March 2007 has constituted a Society as well as the Board of Governors (BOG) for this Institute under Regulations No. 7.1 and 8.1 of the IISER. A copy of the Constitution of the society as well as the Board of Governor is placed in.</p>

<b>Decision</b>	<b>The Board noted the information as shown in the Agenda.</b>
<b>BOG, 07.1.4</b>	<b>Infrastructure developments Regarding IISER.</b>
<b>Decision</b>	<p>The Government of Punjab has provided interim accommodation in the Academic Block M.G.S.I.P.A. Complex Sector 26, Chandigarh, for the institute. The State Government of Punjab also provided the services of Dr. Jagdeep Singh, Assistant Director Higher Education, Government of Punjab along with one peon for one month.</p> <p>The Government of Punjab has assured to transfer land in Sector 81 in Mohali to the Institute.</p> <p>The Government of India (MHRD) has released a sum of Rs. 100 lakhs through Electronic transfer in Bank A/c No. 2452201001089 of the institute opened with the Canara Bank, Sector 34, Chandigarh for transaction. Steps are being taken to set up the initial offices, classrooms and Laboratories.</p> <p><b>The Board noted the Infrastructure developments regarding IISER, Mohali.</b></p>
<b>BOG.07.1.5.</b>	<b>Appointment of Professor P. Rama Rao as the Chairman of BOG. (IISER)</b>
<b>Decision</b>	<p>Professor P. Rama Rao, ISRO Dr. Brahm Prakash Distinguished Professor International Advanced Research Centre for Power Metallurgy and New Materials (ARCI) Balapur (P.O), Hyderabad was appointed as the Chairman of IISER, Mohali.</p> <p><b>The Board was happy to note the appointment of Professor Rama Rao as Chairman of the Board of Governors, IISER, Mohali and expected that the Institute will develop very well during the period of his chairmanship.</b></p>
<b>BOG.07.1.6</b>	<b>Appointment of Professor N. Sathyamurthy as the Director of the Institute (IISER)</b>
	<p>Professor N. Sathyamurthy, Professor, Department of Chemistry, IIT. Kanpur was appointed as the Director IISER, Mohali for a period of five years. He joined the institute on 18.06.07.</p> <p>A copy of the appointment letter of the Director is placed.₂</p>

<b>Decision</b>	<b>The Board was very happy to note the appointment of Professor N. Sathyamurthy as Director of the Institute and has shouldered the responsibility. The Board hoped that this Institute will become fully functional in its own campus at Mohali during his period.</b>
<b>BOG. 07.1.7</b>	<b>Operation of the Bank Account of the Institute</b>
<b>Decision</b>	<p>The Government of India (MHRD) has advised the Institute to open a Bank account with Canara Bank vide letter no. F.No. 21-5/2007-TS.1 dt. 26.6.2007. Accordingly, a current account no. 2452201001089 is opened in Canara Bank which is being jointly operated by the Director and the Actg. Registrar of the Institute. This is for the information for the Board. A Copy of the order of the Government of India is placed.</p> <p><b>The Board noted the operation of Bank Account of the Institute as advised by the MHRD. The Board viewed that due to various engagements of the Director it is difficult for him to sign all cheques. The Board hence unanimously agreed that the cheques upto the value of Rs. 5 Lakhs be signed by the Registrar of the Institute (as the Registrar has a long experience of Finance and Accounts in IIT Kanpur and PDPM IITDM Jabalpur) at his own responsibility. However, in all cases prior sanction of amount must be obtained by the Director.</b></p> <p><b>Finally the Board resolved that on approval/sanction of amount by the Director in each case the Registrar will pass the bills for Payment and sign the cheque upto the value of Rs. 5 Lakhs at his responsibility. However the cheques exceeding the value of Rs. 5 Lakhs will be jointly operated (signed) by the Registrar and Director as suggested by the M.H.R.D.</b></p>
<b>BOG. 07.1.8</b>	<b>Appointment of the Director as Professor in the Institute</b>
<b>Decision</b>	<p>The Government of India has issued the appointment order of Dr. N. Sathymurthy as the Director of the Indian Institute of Science, Education &amp; Research, Mohali. Before joining this Institute, he was an Institute Chair Professor and Professor of Chemistry in the Indian Institute of Technology, Kanpur.</p> <p>The Board may kindly approve his appointment as a Professor in IISER Mohali.</p> <p><b>The Board approved the appointment of Professor N. Sathyamurthy as Professor of this Institute (IISER, Mohali) w.e.f. the date of his joining as Director of the Institute.</b></p>

<b>BOG. 07.1.9</b>	<b>Academic Programme of the Institute.</b>
	<p>Indian Institute of Science, Education and Research, Mohali has mainly the following academic Programmes :-</p> <ul style="list-style-type: none"> <li>(a) An integrated Master's level (M.S.) Programme</li> <li>(b) Integrated Doctoral Programme.</li> <li>(c) A doctoral Programme</li> </ul> <p>The integrated Master's level Programme will take students after 10+2 years of School training. Brilliant students will be selected based on their performance in a suitable national Test. The issue of whether this test should be IIT JEE or a new test will be decided at a later stage (However presently the scoring of students in IIT JEE examination, students of Kishore Vigyan Puraskar Yojana, and Students of Olympiad are also taken into consideration for the admission). The spirit of education of the institution is "research-based learning."</p> <p>The doctoral Programme will establish a new Icon of research in the country which will involve course work, qualifying examination, State of the art seminar, thesis work, open seminar &amp; thesis examination. The quantum of course work will vary depending on the background of a student. Besides the research project of an individual, students will be involved in several professional activities such as seminars, workshops, presentations and review meetings. All doctoral students will assist faculty members in teaching during the course of the doctoral programme. Besides the students of integrated Master's programme, Postgraduate students with Bachelor's degree and Master's degree from other Universities/Institutes will be admitted to the doctoral programme.</p> <p>The academic activities of the Institute is interdisciplinary in nature. However the Institute will have the following major areas:-</p> <ul style="list-style-type: none"> <li>(a) Physical Sciences</li> <li>(b) Chemical Sciences</li> <li>(c) Life Sciences</li> <li>(d) Mathematics &amp; Computer Science</li> <li>(e) Material Science</li> <li>(f) Environment &amp; Earth System Science</li> </ul>

Decision	The Board noted the Academic Programme of the Institute as proposed in the Agenda. The Board also agreed that henceforth the academic programmes will be decided by the Senate and the Board will be kept informed of the developments.																																								
BOG. 07.1.10	Courses of Study- Ist Semester (IISER)																																								
	<p>This is for the kind information of the Board that the Senate of this Institute has not been constituted as yet. Soon after the Constitution of the Senate, the Academic Programme will be finalized by the Regular Senate. In the meantime, the Board is requested to kindly approve the courses of study as placed below on the lines of IISER, Kolkata/Pune.</p> <table><tr><th>Subject</th><th>Credits (Theory-Lab)</th></tr><tr><td>Cell Biology (Bio-101)</td><td>3-0</td></tr><tr><td>Mechanics (Phy-101)</td><td>3-0</td></tr><tr><td>Symmetry and infinitesimal symmetry (M-101)</td><td>3-0</td></tr><tr><td>Introduction to Computation (MC-101)</td><td>3-1</td></tr><tr><td>Chemistry of Elements (Chem-101)</td><td>3-0</td></tr><tr><td>Workshop Practice (WSP-101)</td><td>0-3</td></tr><tr><td>Lab (Lab-101)</td><td>0-8</td></tr></table> <p style="text-align: center;"><b><u>BIOLOGY</u></b> <b>Semester – 1</b> <b>CELL BIOLOGY (Bio-101)</b></p> <table><tr><th></th><th></th><th>Lectures</th></tr><tr><td rowspan="2">1</td><td>Reductionism vs. holistic view of living system Debate on the definition of Life:- Molecular view Koshland’s concept – PICERAS</td><td>1</td></tr><tr><td>Living vs. Non-living biological entities: virus, viroids and prions</td><td>1</td></tr><tr><td rowspan="7">2</td><td>Cell as the unit of life What is cell biology? Development of cell theory Cell types : prokaryotes vs. eukaryotes; from single cell to multi-cellular organism Prokaryotic cells: Structure, cell-walls and related molecules, outer membrane,</td><td>2</td></tr><tr><td>Plant cell wall, Animal cell membrane, Structure of the cell membrane, Fluid mosaic model,Function of plasma membrane, diffusion, osmosis, membrane transport, ion channels and electrical</td><td>1</td></tr><tr><td>Cell architecture, cyto-skeletal components, microtubules and microfilaments, motility and motor motions, actomyosin complex</td><td>1</td></tr><tr><td>Extra-cellular matrix: Cell nucleus: Chromatin structure, nucleolus, nucleoplasm</td><td>2</td></tr><tr><td>Endomembrane system: endoplasmic reticulum, Golgi complex, endosomes,</td><td>2</td></tr><tr><td>Cell signaling :- messengers and receptors</td><td>2</td></tr><tr><td></td><td></td><td></td></tr></table>	Subject	Credits (Theory-Lab)	Cell Biology (Bio-101)	3-0	Mechanics (Phy-101)	3-0	Symmetry and infinitesimal symmetry (M-101)	3-0	Introduction to Computation (MC-101)	3-1	Chemistry of Elements (Chem-101)	3-0	Workshop Practice (WSP-101)	0-3	Lab (Lab-101)	0-8			Lectures	1	Reductionism vs. holistic view of living system Debate on the definition of Life:- Molecular view Koshland’s concept – PICERAS	1	Living vs. Non-living biological entities: virus, viroids and prions	1	2	Cell as the unit of life What is cell biology? Development of cell theory Cell types : prokaryotes vs. eukaryotes; from single cell to multi-cellular organism Prokaryotic cells: Structure, cell-walls and related molecules, outer membrane,	2	Plant cell wall, Animal cell membrane, Structure of the cell membrane, Fluid mosaic model,Function of plasma membrane, diffusion, osmosis, membrane transport, ion channels and electrical	1	Cell architecture, cyto-skeletal components, microtubules and microfilaments, motility and motor motions, actomyosin complex	1	Extra-cellular matrix: Cell nucleus: Chromatin structure, nucleolus, nucleoplasm	2	Endomembrane system: endoplasmic reticulum, Golgi complex, endosomes,	2	Cell signaling :- messengers and receptors	2			
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3	<p>Molecules of life:  Water, function of sugars in biosystem: mono-, di-, poly, storage function of lipids fatty acids, phospho-lipids, steroids, alkoids, liposomes, micelles, planar bilayer, spherical, bilayer, vesicles, functions of proteins – amino acids, peptide bonds, Ramachandran plot.  Glycoproteins, Glycolipids  Primary, secondary, tertiary, quaternary structure: Hb as model,  Enzymes: Classification, simple kinetic,  Nucleic acids: purine and pyrimidines, DNA &amp; RNA  Structure of DNA, DNA replication, Transcription, Translation, Hormones, Antibodies  Metalloenzyme, dynamic equation, multi-enzyme complex</p>	
4	<p>Energy Transduction and Bioenergetics:  Mitochondria, ATP, Chemiosomes,  ATPase, Gap junctions  Chloroplast – photosynthetic electron transport, calvin cycle</p>	3
5	<p>Anti-reductionism:  Cell division: Mitosis, meiosis and cytokinetics, animal and yeast cell division, cell cycle control, programmed cell death</p>	3
		<b>36+9=45</b>

### **CHEMISTRY**

#### **Semester -1**

#### **CHEMISTRY OF ELEMENTS (Chem-101)**

		<b>Lectures</b>
1.	Periodicity	2
2.	Main group chemistry	10
3.	Transition metal chemistry	8
4.	Stereochemistry	2
5.	Functional groups and transformation	5
6.	Natural products	2
7.	Drugs	2
8.	Polymers	2

### **PHYSICS**

#### **Semester –1**

#### **MECHANICS (PHY-101)**

		<b>Lectures</b>
1.	Vectors, Kinematics in 2d and 3d Polar co-ordinates	6
2.	Newton's laws, conservation of momentum and energy, Angular momentum conservation	8
3.	Rigid-body motion	5
4.	Small oscillations	6
5.	Mechanics of deformable bodies, elasticity, Hydrostatics, hydrodynamics	7

#### **Semester – 1**

#### **SYMMETRY & INFINITESIMAL SYMMETRY (M-101)**



	<p>Vector &amp; matrices; linear equations; groups of matrices, rotations &amp; translations; Vector fields and matrices with function entries; 1st or 2nd order O.D.Es; Algebraic techniques for their solution; gradient divergence and curl.</p> <p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>1. This course is in pre-Dedekind, Cauchy, Weierstrass style calculus, Attention is restricted to functions that are “elementary.”</li> <li>2. The material is meant to be challenging but not intimidating. It should draw students toward mathematics.</li> <li>3. Emphasis must be on concrete examples.</li> <li>4. Where possible the instructor should bring out the need for “more general functions” (as are in M 102/M103).</li> </ol> <p style="text-align: center;"><b><u>Semester -1</u></b> <b><u>INTRODUCTION TO COMPUTATION (MC-101)</u></b></p> <p>(Permutation) Finite groups. Counting principles Induction, proofs, propositional and quantified logic, Algorithms, non-numerical algorithms, semi-numerical algorithms, numerical methods.</p> <p><b>Notes :</b></p> <ol style="list-style-type: none"> <li>1. This course accompanies a lab. Course C-111.</li> <li>2. The need to analyze algorithms for correctness and complexity should be brought out.</li> <li>3. The numerical methods should bring out the need for “a priori” analytic proof of convergence.</li> </ol> <p><b>The Board approved the courses of Study-Ist Semester (IISER Mohali), along the lines approved for IISER Kolkata and IISER Pune.</b></p>
<b>Decision</b>	
<b>BOG. 07.1.11</b>	<b>To consider and approve charging of the statutory and non-statutory fees. (Fee Structure of the First Semester &amp; Second Semester onward.)</b>

The Fees to be paid at the time of admission (Ist semester-2007-08) and 2 <sup>nd</sup> semester (2007-08) are as under which is same as applicable at IISER Pune.		
<b>Caution Money</b>		<b>Total</b>
Institute .....	Rs. 1000/-	
Library .....	Rs.1000/-	Rs. 4000/-
Hostel .....	Rs. 2000/-	
<b><u>ONE TIME FEE</u></b>		
Statutory Fee .....	Rs. 1000/-	
Medical Examinations.....	Rs. 100/-	
Student welfare Fund.....	Rs. 100/-	
Hostel Admission Fee.....	Rs. <del>500/-</del>	Rs. 1700/-
<b><u>SEMESTER FEE</u></b>		
1. Tuition Fee Rs. 6000/-		Rs. 6000/-
		(100% tuition fee waiver for Students of SC/ST community)
(a) Registration Fee .....	Rs. 200/-	
(b) Examination Fee .....	Rs. 350/-	
(c) Student Amenities .....	Rs. 300/-	
(d) Gymkhana/sports .....	Rs. 100/-	
(e) Medical Registration... .	Rs. 50/-	
(f) Laboratory Contingency	Rs. 300/-	
(g) Hostel seat Rent ... ..	Rs. 500/-	
(h) Electricity and watercharge	Rs. 300/-	
		Rs. 2100/-.
<b><u>HOSTEL CHARGES</u></b>		
1. Mess Charges .....	Rs. 12000/-	Rs. 12000/-
2. Hostel overhead charges.....		
Grand Total		Rs. 25800/-
Mess charges for Six months, to be adjusted as per the contract with the catering agency.		

	<b><u>fee payable at the time of admission</u></b> <b><u>(1st Semester 2007-08)</u></b>		
		<b><u>General</u></b>	<b><u>SC/ST</u></b>
	With Hostel Accomodation	25800/-	19800/-
	Without Hostel Accomodation	13800/-	7800/-
	<b><u>Fees to be paid at the time of commencement of 2nd semester onwards.</u></b>		
	<b><u>Semester Fee</u></b>	<b><u>Description of Fee</u></b>	<b><u>Total</u></b>
	Tuition Fee	Rs. 6000/-	Rs. 6000/-
	Registration	Rs. ....	100% Tuition Fee Waiver for students belowing to SC/ST community
	Examination	Rs. 350/-	
	Student Amenities	Rs. 300/-	
<b>Decision</b>	Gymkhana/Sports	Rs. 100/-	Rs. 1850/-
	Medical Registration	Rs. ....	
	Laboratory Contingency	Rs. 300/-	
	Hostel Seat Rent	Rs. 500/-	
	Electricity and water charges	Rs. 300/-	
	Mess Charges	Rs. 12000/-	
	Hostel overhead charges	Rs. ....	Rs. 12000/-
	Mess charges for six months to be adjusted as per the contract with catering Agency.		
	<b><u>Total Fee payable at the time of admission (2nd Semester)</u></b>		
		<b><u>General</u></b>	<b><u>SC/ST</u></b>
	With Hostel Accomodation	Rs. 19850	Rs. 13850/-
	Without Hostel Accomodation	Rs. 7850	Rs. 1850/-
	The Board is requested to approve the fee structure (statutory and non-statutory) of the Institute as detailed above:		
	<b>The Board approved the charging of statutory and non-statutory fee from the students. (i.e. fee structure of the first semester onwards which is based on the fee structure followed by other IISERs)</b>		

<b>BOG. 07.1.12</b>	<b>Ratification of the appointments made by the Chairman</b>
	<p>The Academic Programme of the Institute is to start from the 2nd week of August,2007 and for this purpose the Academic curriculum/Courses of Study is to be finalized. For the teaching, education and research activities of the Institute, the appointment of faculty is necessary. For this purpose the following appointments have been made by the Institute duly approved by the Chairman of the Board.</p> <p><b><u>Appointment of Professors</u></b></p> <p>Professor Ramesh Kapoor, Former Professor and Chairman, Department of Chemistry, Punjab University has been appointed as Professor of the Institute on contract basis for one year.</p> <p>Professor C.G. Mahajan, Department of Physics, Punjab University has been appointed as Professor on contract basis for one year.</p> <p>Professor I.B.S. Passi, Professor of Mathematics, Punjab University has been appointed as Honorary Professor in this Institute for a period of one year on payment of honorarium basis as per the norms in IISER, Kolkata/Pune.</p> <p><b><u>Appointment of Registrar :</u></b></p> <p>Sh. J.P.Singh was appointed as Acting Registrar of the Institute vide letter No. IISER/07/07 dt. 20.06.07 on contract basis for a period of 6 months. He joined the Post of Registrar on 03/07/07(AN). Sh. Singh has served IIT Kanpur as Deputy Registrar for a period of more than 11 years &amp; Pandit Dwarka Prasad Mishra, Indian Institute of Information Technology, Design &amp; Manufacturing (<b><u>PDPM-IITDM</u></b>), Jabalpur as founder Acting Registrar for more than two years.</p> <p><b><u>Appointment of Stores and Purchase Officer:</u></b></p> <p>Sh. Kulwant Singh former Stores &amp; Purchase Officer of CSIR, New Delhi has been appointed as Stores and Purchase officer of the Institute on a consolidated salary on contract basis for 6 months.</p> <p>The Board is requested to kindly ratify the above appointments made by the Institute which are already approved by the Chairman of BOG.</p> <p><b>Decision</b></p> <p><b>The Board ratified the appointments of</b></p> <ol style="list-style-type: none"> <li><b>1. Professor R. Kapoor as Professor for one year</b></li> <li><b>2. Professor C.G. Mahajan as Professor for one year</b></li> </ol>

	<b>3. Professor I.B.S. Passi as Honorary Professor for one year and Sh. J.P.Singh as Acting Registrar and Sh. Kulwant Singh as Stores and Purchase Officer for 6 months.</b>
<b>BOG. 07.1 .13</b>	<b>Constitution of the Senate (IISER)</b>
	<p>The composition of the Senate is incorporated under Article-9.1 in the Memo of Association (MOA) of the Institute. Till the regular Senate is constituted, an interim senate of the Institute has been composited by the Chairman. Senate as follows:</p> <ol style="list-style-type: none"> <li>1. Professor N.Sathyamurthy ..... Chairman (Director) ..... (ex-officio)</li> <li>2. Professor R. Kapoor ..... Member (Dean Academic) .....</li> <li>3. Professor C.G. Mahajan ..... Member Department of Physics .....</li> <li>4. Professor I.B.S. Passi ..... Member Honorary Professor .....</li> <li>5. Dr. A.K.Bachhawat ..... Member IMTECH. Chandigarh. ....</li> <li>6. Dr. Girish Sahni ..... Member Director IMTECH, Chandigarh .....</li> <li>7. Professor S.C. Laroia ..... Member Director N.I.T.T.T.R., Chandigarh .....</li> <li>8. Professor R.C. Sobti ..... Member Vice-Chancellor,Punjab University, ..... Chandigarh</li> <li>9. Professor Vijay Gupta ..... Member Director, Punjab Engineering College, ..... Chandigarh</li> <li>10. Dr. P Rama Rao ..... Member Director, NIPER, Sector 67, SAS ..... Nagar, Mohali 160062</li> </ol>

	<p>11. J.P.Singh ..... Secretary Actg. Registrar ..... (ex-officio)</p> <p>The Board is requested to kindly approve the composition of the Interim senate as mentioned above.</p> <p><b>The Board approved the constitution of the Interim Senate of the Institute till a regular Senate is constituted.</b></p>
<b>Decision</b>	
<b>BOG. 07.1.14.</b>	<b>Nomination of Two Persons for the Finance Committee by the Board Under Article 10.1 of the Memorandum of Association of the Institute.</b>
	<p>As per Article 10.1 of the Memorandum of Association of the institute, there shall be two persons nominated by the Board for the constitution of the Finance Committee. The Board is requested to kindly approve the names of Professor R. Kapoor and Professor C.G. Mahajan as nominees of the Board for the Finance Committee.</p> <p><b>The Board approved the nomination of two persons Professor R. Kapoor and Professor C.G. Mahajan for the Finance Committee as nominees of the Board. The Director also informed the Board that he has been informed by MHRD that Sh. Ravi Mathur, Joint Secretary, Higher Education, MHRD and Sh. S.K. Roy, Joint Secretary &amp; Financial Advisor, MHRD will be the nominees of the Central government for the Finance Committee of this Institute. The Board noted the same.</b></p>
<b>Decision</b>	
<b>BOG. 07.1.15</b>	<b>Nomination of one person for the Building and Works Committee by the Board under Article 11.1 of the M O A of the Institute</b>
	<p>As per Memorandum of Association (Article 11.1) of the Institution there shall be one person nominated by the Board from amongst its members for the Constitution of the Building and Works Committee.</p> <p>The Board is requested to kindly approve the name of Professor Surendar Prasad, Director IIT, Delhi as the nominee of the Board for the Building and Works Committee of the Institute.</p> <p>The members of the Board are requested to send their suggestions for names of (I) Civil Engineer not below the rank of Superintending Engineer in the Government/Government Agency and (II) and Electrical Engineer not below the rank of Superintending Engineer in the Government/Government Agency.</p>

<b>Decision</b>	<p><b>The Board approved the following membership of Building &amp; Works Committee</b></p> <ol style="list-style-type: none"> <li>1. Professor Surendra Prasad, Board Nominee Director, IITD</li> <li>2. Ms. Seema Raj Government of India Nominee Director, MHRD</li> <li>3. Sh. T.V. Prabhakaran, Nominee of the Chairman former Architect, DAE</li> <li>4. Sh. A.K. Jain, Chief Engineer(Civil), Board nominee Chandigarh Zone, MES, Chandigarh</li> </ol> <p><b>The Board requested the Chief Secretary, Government of Punjab to nominate an Electrical Engineer not below the rank of Superintending Engineer in Government/Government Agency, to the Director for inclusion in the Buildings and Works Committee.</b></p>
<b>BOG. 07.1.16</b>	<b>Information regarding the sanction of Posts for IISER, Mohali by M.H.R.D.</b>
	The Government of India (MHRD) has sanctioned some posts for this Institute vide order no. F. NO. 22-19/2005-TS.I Dt. 11 <sup>th</sup> June. 07. A copy of the order of the Government of India regarding creation of the posts in the Institute is placed on the Agenda.
<b>Decision</b>	<b>The Board noted the sanction of posts by MHRD for IISER Mohali.</b>
<b>BOG. 07.1.17</b>	<b>Information regarding Purchase of Furnitures including Laboratory furniture/Office Furniture.</b>
	<p>The MHRD, Government of India has established IISER, Mohali in the month of March, 06 and the order for appointment of the Director of the Institute was issued on 12<sup>th</sup> June 07. Prof. N. Sathyamurthy (Prof. of Chemistry of IIT, Kanpur) joined the Post of Director on 18.06.07. Sh. J. P. Singh (Act) Registrar of the Institute joined on 03.07.07. The First batch of students will be joining the Institute in the 2nd week of August, 07.</p> <p>The process to procure the furniture (For Laboratory/class rooms/office etc) had to start from the 1st week of July, 07 and for this purpose purchase committees were constituted. The committees visited standard firms/shops associated with such business in Chandigarh.</p>

	<p>Seeing the requirement of furniture and that of very technical and specific nature, most of the firms/furniture shops expressed their inability to supply the materials in the shortest period of one month and as per institute's requirement. (Lab. Furnitures are specific in nature). From the Institute side the Laboratories are to be started immediately, so that the Institute becomes functional in the First Week of August, 07 (to start the classes).</p> <p>The committee also kept in mind the purchase procedures of General Finance Rules (GFR) where open tender in national papers is to be made in such purchases. But if the procedure is to be followed strictly, it is very difficult to start functioning of the institute in August 2007 as the complete procedure will take more than 2-3 months to procure the specific items as required.</p> <p>The purchase committee also visited the Godrej Firm (Whole sale/authorized Dealer/main office of Godrej at Chandigarh) for the purpose. They are national repute and have a fixed rate throughout the country.</p> <p>This firm (Godrej) has vast experience of manufacturing furniture as required by higher technical educational Institutions. The firm agreed to supply the furniture in limited time with full commitments. The firm committed that the institutional requirement will not be delayed in any case if the order for supply of furniture will be placed instantly so that the manufacturing company of Godrej (i.e. Mumbai) will be informed immediately.</p> <p>In course of discussion, the purchase committee requested the Godrej supplier to give concession/rebate on the basic rates as generally given in case of National Institutes of education like IITs, IIITs and others. Presently 7.5% educational rebate is given to IIT Kanpur and IIITDM Jabalpur as a special case in all purchases (of whichever value)</p> <p>Finally the firm (Godrej) agreed to give the educational rebate @ 7.5% on each purchase after consulting their higher authorities/competent authority.</p> <p>Since it is very urgent to make the institute functional in the first week of August, it has been decided to place certain orders with Godrej &amp; Boyce as mentioned above. This is for the information to the Board. The approximate total cost in first Phase of Purchase will be Rs. 48 lakhs. The details are as under:-</p> <table> <tr> <td>Lab Furniture</td><td>Rs. 35 lakhs</td></tr> <tr> <td>Office Furniture</td><td>Rs. 08 lakhs</td></tr> <tr> <td>Class room Furniture /Common Room</td><td>Rs. 5 lakhs</td></tr> <tr> <td>Total</td><td>Rs. 48 lakhs.</td></tr> </table>	Lab Furniture	Rs. 35 lakhs	Office Furniture	Rs. 08 lakhs	Class room Furniture /Common Room	Rs. 5 lakhs	Total	Rs. 48 lakhs.
Lab Furniture	Rs. 35 lakhs								
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Class room Furniture /Common Room	Rs. 5 lakhs								
Total	Rs. 48 lakhs.								



<b>Decision</b>	<b>The Board noted the Purchase of Furnitures including Lab. Furnitures, Office Furnitures and Class-room Furnitures from the Godrej &amp; Boyce Co. is view of the shortest period of time available with the Institute and the requirement of the Institute to establish/furnish Lab., Class-rooms and office within one month. The Board also noted that the Institute will get a discount @ 7.5% on each purchase by the Godrej Company, as is the practice in IIT Kanpur and IITDM Jabalpur.</b>
<b>BOG. 07.1.18</b>	<b>Payment of Rs. 2,26,103/- to Government of Punjab in the name of DPI (Colleges) Punjab for making expenditure on the foundation stone laying ceremony of IISER, Mohali on 27th September, 2006 &amp; other expenditure incurred over the visit of Government officials of G.O.I &amp; Punjab Government</b>
<b>Decision</b>	<p>This is for the information of the Board that the Hon'ble Prime Minister of India, Dr. Manmohan Singh laid the foundation stone of Indian Institute of Science Education and Research on September 27, 2006 at Mohali. A sum of Rs. 2,26,103/- was incurred as expenditure by the Director of Public Instruction (Colleges) Higher Education, Govt. of Punjab on the foundation stone laying ceremony of the Institute.</p> <p>The Board is requested to kindly approve to transfer the said amount of Rs. 2,26,103/- to D.P.I. (colleges) under the head of Higher Education. Development Fund, Govt. of Punjab, Chandigarh.</p> <p><b>The Board approved the payment of Rs. 2,26,103/- to DPI(Colleges) Government of Punjab for making expenditure over foundation stone laying ceremony of IISER Mohali on the visit of the Prime Minister</b></p>
<b>BOG. 07.1.19</b>	<b>Purchase of Vehicles for the use of (1) Director (2) Office (3) A bus for the Students</b>
	<p>The institute has started functioning from June 2007 and arrangements are being made for procurement of equipment, furnitures etc. The office has to contact different officials of the Government of India as well as the State Government. The students are going to join the institute in the second week of August 2007.</p> <p>For this purpose the institute needs 3 vehicles ( 2 Cars and one Bus). One for the Director, the other for the office purpose and the third (bus) for the students. Total cost for purchase of the three vehicles will come to about Rs. 25 lakhs</p>

<b>Decision</b>	<p>The Board is requested to kindly approve the purchase of the above three vehicles for a cost of about Rs. 25 lakhs.</p> <p><b>The Board approved the purchase of one car each for the use of Director, Institute and one bus for the Students as proposed in the Agenda.</b></p> <p><b>However, the Board observed that outsourcing of vehicles from open market is advisable as this will be cheaper for the Institute, seeing the recurring cost of the Vehicles in coming times.</b></p>
<b>BOG. 07.1.20</b>	<b>Ratification of the Logo of the Institute</b>
<b>Decision</b>	<p>The logo for the Institute has been designed by Dr. Satyaki Roy and his student Sourva Dutta of the Department of Design, IIT Kanpur. The logo consists of a flame from a lamp representing knowledge dispelling darkness. It is encircled by the name of the Institute, Indian Institute of Science Education and Research, Mohali. The commitment of the Institute in its pursuit of knowledge is included in the Logo. The logo has been kindly approved by the Chairman of the Board. The same may kindly be ratified by the Board. Logo design is placed.</p> <p><b>The Board ratified the approval of the Logo of the Institute by the chairman and also suggested that the Sanskrit equivalent of “In pursuit of Knowledge” be included.</b></p>
<b>BOG. 07.1.21</b>	<b>Any other matter with the permission of the chair</b>
	<p>(1). The board also discussed the appointment of two Deans, One for the Academic Activities and the other for the Student Activities. It was proposed to the Board that Professor R. Kapoor be appointed as Dean, Academic and Professor C.G.Mahajan as Dean, Students. The Board approved the appointment of the two Deans as proposed.</p> <p>(2). Noting that the GOI has provided certain perks and privileges regarding participation in national and international conferences, telephone facility, book grant, membership of professional societies, moving expenses etc. for the faculty members of IITs. The same have been adopted by IISER Kolkata and IISER Pune. In addition, the provision of Rs. 15,000/- p.m. fellowship to the SS Bhatnagar awards has also been adopted by IISER Kolkata and IISER Pune. The Board resolved that all such measures adopted by the other two IISERs, will be applicable to the faculty of IISER Mohali also.</p> <p>(3). It was proposed to the Board that transport expenses to the faculty members who have recently joined the Institute be paid as per the rates prevalent in Chandigarh. The Board approved this proposal.</p>

	<p>The Director pointed out that any new faculty member(s) joining IISER Mohali will face hardship in getting family accommodation in Chandigarh until they move to the new campus. Considering the cost of housing, the Board approved that steps will be taken to provide accommodation to the new faculty members as IISER Mohali, by its charter, would be a residential campus. As an interim measure, the Institute will provide suitable compensation towards housing, wherever necessary. The Board approved the proposal with the stipulation that a realistic ceiling for the contribution be fixed. The Board authorised the Director to arrive at the figure keeping in mind the ground reality and pay accordingly.</p>
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The meeting ended with thanks to the Chairman.

**Sd/-  
Director  
IISER Mohali**

**Sd/-  
Chairman  
IISER Mohali**

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