



# 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 for the 35<sup>th</sup> Meeting of the Board of Governors of IISER Mohali held on 31.3.2019 at 10:30 a.m. in the Board Room, Administrative Block, IISER Mohali, Sector- 81, Mohali.

The following members were present:

1.	Dr. Madhuchanda Kar, MD, Ph.D. Clinical Director of Oncology, Peerless Hospital, 360, Panchasayar, Garia, Kolkata-700094 West Bengal	Chairperson
2.	Secretary (DHE) Shri V. L.V.S.S. Subba Rao, Sr. Economic Advisor Ministry of Human Resource Development, Department of Higher Education 107-C, Shastri Bhawan, New Delhi- 110001 011-23384245(O), Email: <a href="mailto:secy.dhe@nic.in">secy.dhe@nic.in</a> <a href="mailto:subba.rao61@nic.in">subba.rao61@nic.in</a> ; <a href="mailto:subba61@gmail.com">subba61@gmail.com</a>	Member
3.	The Secretary , Rep : Sh. Major Singh, Director Ministry of Micro, Small & Medium Enterprises, Room No. 169, Udyog Bhawan, Rafi Marg, New Delhi-110011 Phone: 011-23061431 Email: <a href="mailto:secretary-msme@nic.in">secretary-msme@nic.in</a>	Member
4.	Professor Sarit Kumar Das, Director, IIT Ropar, Nangal Road, Rupnagar, Punjab-140001 <a href="mailto:director@iitrpr.ac.in">director@iitrpr.ac.in</a> 01881-242101(O), 223391, 223393	Member
5.	Dr. Madhu Dikshit, Former Director, CSIR-Central Drug Research Institute, Sitapur Rd, Sector -10 Jankipuram Extension, Lucknow, Uttar Pradesh Phone: 9415111766, 0129-2876448 Email: <a href="mailto:madhudikshit@thsti.res.in">madhudikshit@thsti.res.in</a> <a href="mailto:Drmadhudikshit@gmail.com">Drmadhudikshit@gmail.com</a>	Member
6.	Prof. R. S. Dubey Department of Biochemistry Faculty of Science, Banaras Hindu University, Varanasi - 221005. Phone (O): 0542-6701607, 6702589, (R): 0542-2317190, (M): 09415992028. E-mail: <a href="mailto:rsdbhu@rediffmail.com">rsdbhu@rediffmail.com</a>	Member

7.	Professor Kavita Dorai IISER Mohali Email: <a href="mailto:kavita@iisermohali.ac.in">kavita@iisermohali.ac.in</a>	Member
8.	Professor Ramandeep Singh Johal IISER Mohali Email: <a href="mailto:rsjohal@iisermohali.ac.in">rsjohal@iisermohali.ac.in</a>	Member
9.	Professor Arvind Director (Off.), IISER Mohali Email: <a href="mailto:director@iisermohali.ac.in">director@iisermohali.ac.in</a>	Member
10.	Dr. P. Bapaiah Registrar, IISER Mohali Sector 81, Mohali Email: <a href="mailto:registrar@iisermohali.ac.in">registrar@iisermohali.ac.in</a>	Secretary
<b>Special Invitee:</b>		
1.	Professor Charanjit Singh Aulakh IISER Mohali Email: <a href="mailto:aulakh@iisermohali.ac.in">aulakh@iisermohali.ac.in</a>	

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

1	Shri Karan Avtar Singh, I.A.S. Chief Secretary, Govt. of Punjab Room no. 28, 6th Floor, Punjab Civil Secretariat, Chandigarh-160001 Email: <a href="mailto:cs@punjabmail.gov.in">cs@punjabmail.gov.in</a> Ph.: 2740156, 2740860, 2742488	Member
2	The Secretary, Department of Bio-Technology, CGO Complex, Lodhi Road, New Delhi Phone: 011-24362950, 24362881, 24360747 Email : <a href="mailto:secy.dbt@nic.in">secy.dbt@nic.in</a> ; <a href="mailto:swarup@dbt.nic.in">swarup@dbt.nic.in</a>	Member
3	Professor Anurag Kumar, Director, Indian Institute of Science, Bangalore-560012 <a href="mailto:diroff@admin.iisc.ernet.in">diroff@admin.iisc.ernet.in</a> 080-23600690, 22932222, 22932954, 23600936	Member
4	Ms. Darshana M Dabral, IAS (Sh. Anil Kumar, Director, Finance) Joint Secretary & Financial Adviser, Ministry of Human Resource Development, Department of Higher Education, Room no. 120-C, Shastri Bhawan, New Delhi- 110001 Phone : 011- 23382696 , 23070668 Email: <a href="mailto:jsfa.edu@gov.in">jsfa.edu@gov.in</a>	Member

Special Invitee:		
1.	Professor P. Guptasarma IISER Mohali Email: guptasarma@iisermohali.ac.in	

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<b>B.O.G.19.35.1</b>	<b>Welcome Remarks by the Director.</b>
	<p>--</p> <p><b>Director welcomed the Chairperson and all other members. Director informed the BOG that he took over the responsibility of the Director on 28.2.2019. Director informed the BOG that he shall make all endeavors and will make all possible efforts to uphold the IISER Mohali reputation. The Director made a brief presentation about the Institute activities, particularly faculty achievements, progress in research and the students as well as alumni engagements and placements etc.</b></p> <p><b>With the above remarks and presentation, Director requested the Chairperson for her opening remarks and to take up the agenda.</b></p>
<b>B.O.G.19.35.2</b>	<b>Opening Remarks by the Chairperson.</b>
	<p>--</p> <p><b>The Chairperson welcomed all the members. The Chairperson congratulated Professor Arvind and thanked for his nice presentation. She started the BOG Meeting heartily welcoming the new Director and some new members. The Chairperson introduced all and hoped to start afresh and was confident that IISER Mohali will move ahead. She informed the BOG that she came down to Mohali on 17-3-2019 and had a fruitful interaction with Deans, Heads as well as faculty members. They shared with the Chairperson their ideas and concerns and also presented their</b></p>

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	<p><b>Research activities. The Chairperson further commented that she had participated in community sports meet and welcomed the holistic change in the current atmosphere under the leadership of Professor Arvind. She informed BOG that New Deans have been appointed and now the Institute can fully focus on the academic and research activities.</b></p> <p><b>With the above remarks, the Chairperson moved to the agenda of the meeting.</b></p>
<b>B.O.G.19.35.3</b>	<p><b>Confirmation of Draft Minutes of the 34<sup>th</sup> Meeting of the BOG, IISER Mohali held on December 14, 2018 in the committee Room of Central Secretariat Library, Shastri Bhawan, New Delhi-1.</b></p>
<b>Decision:</b>	<p>Draft Minutes (placed at Page Nos. 13-25 of the agenda).</p> <p><b>Confirmed.</b></p>
<b>B.O.G.19.35.4</b>	<p><b>Action taken report on the draft minutes of the 34<sup>th</sup> meeting of the BOG held on December 14, 2018.</b></p>
<b>Decision:</b>	<p>Placed.</p> <p><b>Perused and noted.</b></p>
<b>B.O.G.19.35.5</b>	<p><b>Action taken report on the draft minutes of the 33<sup>rd</sup> meeting of the BOG held on August 29, 2018.</b></p>
<b>Decision:</b>	<p>Placed.</p> <p><b>Perused and noted.</b></p> <p><b>REDACTED</b></p>

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<b>For Reporting:</b>	
<b>B.O.G.19.35.6</b>	<p><b>A proposal was placed to the BOG as an agenda in its 31<sup>st</sup> Meeting held on 28.3.2018 to upgrade the post of Assistant Security officer. The BOG took a decision to re-examine the issue. The issue has been examined and the position is as follows:</b></p>
	<p>Initially MHRD sanctioned one post of Security Officer with Scale of Pay Rs. 9300-34800+4200 G.P. Since the designation is given as an officer and pay scale attached to the sanctioned posts is only of a supervisory level. Hence, clarification has been sought from the MHRD and requested to allow the IISER Mohali to recruit a post of Security Officer at the lowest rung of the Group A category with Grade Pay of Rs. 5400 instead of Rs. 9300-34800+4200 G.P.</p> <p>MHRD conveyed that the Assistant Security Officer be recruited in the Group B category only and Grade Pay sanctioned as only Rs. 4200 in the scale of Rs. 9300-34800+4200. Based on this communication, recruitment rules has been made and the post is only at supervisory level i.e. with Rs. 4200 Grade Pay. The recruitment rule has been made with qualifications and experience in the defense services i.e. suitable at supervisory level post and not as retired defense officers at senior level as essential requirement.</p> <p>The other IISERs also have Assistant Security Officer post. The qualification and experience prescribed at the IISER Kolkata have been taken into account while making R/R for the post as Assistant Security Officer at IISER Mohali. The post has been filled as Assistant Security Officer and the incumbent has been confirmed against the post.</p> <p>Hence if at all the security officer is to be recruited a new post is to</p>

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<p></p> <p><b>Decision:</b></p>	<p>be created and the new recruitment rule is to be made with higher qualification and experience.</p> <p>For kind information.</p> <p><b>Noted, no action is needed.</b></p>
<p><b>B.O.G.19.35.7</b></p>	<p><b>Submission of the Annual Statement of Accounts for the year 2017-18 to the MHRD for placing on the table of Parliament.</b></p>
	<p>Annual Statement of Accounts for the year 2017-18 have been prepared and placed for the approval of the BOG in its meeting held on 29.8.2018. The Board of Governors adopted the Annual Statement of Accounts for the year 2017-18 in its meeting held on 29/08/18 vide Agenda Item No.18.33.6. After adoption, the AG Punjab (Central) has been requested to Audit our Annual Statement of Accounts for the year 2017-18. The Audit team came and audited our accounts during the month of November-December 2018. After auditing, AG Punjab (Central) sent its report vide letter No.PDA(C)/CE/SAR/2018-19/3173 dated 21.12.2018. A copy of the report&amp; replies are placed. All the observations of the Audit have been complied with/replied to, and the Annual Statement of Accounts for the year 2017-18 has been made a fresh, duly complying with the Audit observations.</p> <p>While adopting the Annual Statement of Accounts, the Board of Governors in its 33rd Meeting dated 29.8.2018 categorically indicated that the sole responsibility for accuracy/discrepancies rests with Prof. D.P. Sarkar, Director IISER Mohali. Prof. Sarkar was present in the meeting and he agreed. After complying with the observations/replying to the Audit, the Annual Statement of Accounts is to be signed and submitted to the MHRD for placing on the Table of</p>

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<p><b>Decision:</b></p>	<p>the Parliament. Annual Statement of Accounts were placed for the Director's signature. It remained unsigned on the table of the Director. It is mandatory to submit Annual Statement of Accounts along with Annual Report to the MHRD latest by September 2018 every year, but it got delayed this year due to the administrative reasons and due to delay in conducting Audit by the AG (Central) Chandigarh. The Annual Statement of Accounts duly signed by the Director is to be sent with 30-40 copies along with the reasons for delay in the format prescribed by the MHRD. Prof. D.P. Sarkar relinquished the position of Director on 21/02/19 and he has not signed on the Statement of Accounts placed for his signature. Thus it is proposed that the Registrar and present Director may sign the Annual Statement of Accounts for the year 2017-18 for complying the requirements but the responsibility for accuracy and discrepancies if any still remains with the Prof. D.P. Sarkar, former Director. With this provision, the Officiating Director and Registrar may be directed to sign the Annual Statement of Accounts for the year 2017-18 and sent to MHRD at the earliest.</p> <p><b>As recommended by the Finance Committee, BOG approved the proposal.</b></p>
<p><b>For Consideration and Approval:</b></p>	
<p><b>B.O.G.19.35.8</b></p> <p><b>Decision:</b></p>	<p><b>a) Faculty Visits abroad.</b></p> <p>Details placed.</p> <p><b>Noted. (Placed as Annexure to the Minutes)</b></p>

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	<b>b) Faculty:</b>						
	i) A list of newly joined faculty :						
	Name of Faculty Member		Designation	Date of Joining	Background	Department	
	Dr. Ambresh Shivaji		Asst Prof	12.12.18	PhD from Institute of Physics Bhubaneswar -2013	Physics	
				Postdoctoral Fellow, HRI Allahabad, India (12/2012 - 08/2015) Postdoctoral Fellow, INFN, Sezione di Pavia, Italy (09/2015 - 08/2016) Postdoctoral Fellow at Université catholique de Louvain Belgium (09/2016 - 2018)			
Decision:	Approved.						
	<b>ii) Confirmation Cases:</b>						
	Sr. No	Name	Designation	Department	Date of Joining	Probation to be cleared w.e.f	
	1.	Dr. Sanchita Sengupta	Asst Prof	Dept of Chemical Sciences	22.05.2017	21.05.2018	
	2.	Dr. Jino George			27.07.2017	26.07.2018	
	3.	Dr. Raj Kumar Roy			27.09.2017	26.09.2018	
	4.	Dr.Tanushree Khandai	Asst Prof	Dept of Mathematical Sciences	26.05.2017	25.05.2018	
	5.	Dr. Soma Maity			16.06.2017	15.06.2018	
	6.	Dr. Shane D Mello			03.07.2017	02.07.2018	
	7.	Dr.Neeraja Sahasrabudhe			03.07.2017	02.07.2018	
	8.	Dr. Sunil Anil Patil	Asst Prof	Dept of Earth & Environmental Sciences	01.08.2017	31.07.2018	
	Decision:	Approved.					
	B.O.G.19.35.9	Faculty Confirmation Process.					
	IISER Mohali is following the practice of confirming the faculty after one year of regular continuous service against the post he/she was						



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<p></p> <p><b>Decision:</b></p>	<p>appointed with recommendations of faculty committees. So far, for the faculty already in the service of IISER Mohali appointed subsequently against the higher positions like associate professor or professor (though through the process of direct recruitment), no probation was prescribed. After the advent of Professor Sarkar as Director, IISER Mohali, he started prescribing the probation for in-service faculty also. Subsequent to this Professor D. P. Sarkar also realized and proposed to clear the probation within one or two months period after internal faulty appointments as Associate Professor/Professors. To obviate this and to restore earlier practice, it is proposed that the serving faculty at IISER Mohali may not be subjected to probation even on their appointment against the higher level as Associate Professor/Professor at IISER Mohali. If approved, we may modify the appointment order issued to the in-service IISER Mohali faculty by Professor Sarkar during his period prescribing the probation period and delete the probation clause.</p> <p><b>The Board of Governors discussed and deliberated considerably and decided that since the appointments are made directly and not through the promotion procedure and accordingly, keeping the clause of probation for one year is appropriate. Thus, the clause of probation for the directly recruited appointees be retained. The BOG also decided that probation is only for the new higher position and the faculty will continue to hold their substantive position and associated benefits.</b></p>
<p><b>B.O.G.19.35.10</b></p>	<p><b>Arbitration award in the matter of 24 Nos constructed (MK Block IISER Mohali) amounting to Rs. 86,74,982/- plus interest @ 15%.</b></p>

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	<p>This issue has been placed as an agenda to the 27<sup>th</sup> Finance Committee meeting held on 28.3.2018. Finance Committee recommended to the Board of Governors to call for the full details from the CPWD and examine the issue. The Board of Governors in its 31st meeting held on 28.3.2018 accordingly, accepted the recommendation of the Finance Committee. Subsequently, the details have been called from the CPWD. The CPWD in its letter dated 18.1.2019 furnished the details (Placed as annexure 111 pages). From the details, it is found that the CPWD is pushing the entire responsibility for the delay in execution of the work onto the Institute (IISER Mohali) and thereby the responsibility for the arbitration award also falls on the Institute. In this regard, it is submitted that the work has been awarded by the CPWD and the agreements have been entered into by the CPWD with the contractors. Thus, the responsibility for execution in all respects rests with the CPWD and thereby, additional payments including arbitration are to be the responsibility of the CPWD. CPWD never informed the authorities of the IISER Mohali about the arbitration cases filed by the contractors or any reasons those led to the arbitration issues. Thus, the issue needs to be considered in depth as the amount involved is huge. It may be even needed to file a case in a court of law against the award of the arbitration.</p> <p><b>Decision:</b> <b>As recommended by the Finance Committee, advised of the legal expert as well as technical consultants/experts be obtained and based on the advise and if need be we may contest against the arbitration award in the Court of Law.</b></p>

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<b>B.O.G.19.35.11</b>	<b>Construction of two hostels through HEFA Loan.</b>
<b>Decision:</b>	<p>BOG in its meeting held on 29.8.2018 approved the construction of two hostels (17,193 Sq. mts. (512 rooms) with an approximate cost of Rs. 61.42 Crores, based on the preliminary estimate made by the Executive Engineer on the basis of the plinth area rates prescribed by the CPWD. Subsequent to this CPWD while vetting the estimate added ESI and PF components and thereby, estimate has been revised to Rs. 63.24 Crores. Thus, a total amount of Rs. 63.24 crores may be sanctioned to take up the work of construction of two hostels for accommodating 1000 students. When the proposal is under consideration for construction of the two hostel buildings, the concept of implementation of Economically Weaker Sections has been approved by the Government of India and accordingly, IISER Mohali also proposed for increasing the scale of accommodation. The concerned architect has been requested to provide the drawings. The architect visited Institute on 15.3.2019 and is likely to submit the preliminary drawings soon. Accordingly, approval for construction of the two hostels and sanction of Rs. 83 crores may be accorded. This amount will be met through the HEFA Loan. Actual requirement will be placed on the table as CPWD is working on this issue.</p> <p><b>As recommended by the Finance Committee, proposal for construction of two hostels for accommodating 1000 students at an estimated cost of Rs. 83 Crores through HEFA Loan is approved. For implementation of the EWS Reservations, if it is not feasible to accommodate total increase in one go, during the year 2019-20, 5% may be increased and balance 5% in the year 2020-21 may be implemented.</b></p>

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<b>B.O.G.19.35.12</b>	<b>Approval for Utilizing Internal Revenues for Payment of Library Online Journals.</b>
	<p>Payment of Library Online Journals is one of the major expenditures of IISER Mohali. The Institute has experienced difficulties during financial year 2018-19 as the amount for the Library online journal subscriptions were not paid during financial year 2017-18. Entire amount of expenditure was pushed to financial year 2018-19. Thereby the Institute expenditure under the head other expenses (Head-31) has increased disproportionately during the financial year 2018-19. Payment of library online journals is to be paid every year during Dec-Feb. This financial year, 2018-19 these payments could not be met due to shortage of the budget. Even if this amount is pushed to 2019-20 financial year, we will face a similar situation during next year i.e. 2019-20.</p> <p>Accordingly, to avoid the recurrence of such huge backlog amount payment in beginning of the financial year, it is proposed that we may utilize the internal revenues of the Institute. Payment of library online journal due for the 2018-19 may be disbursed from the revenues of the Institute so the carry forward of expenditure can be avoided. Institute is following-the practice of transferring the internal revenues to Endowment Fund. The earnings of financial year 2017-18 has not been transferred to Endowment fund account yet due to delay in finalizing the annual accounts of 2017-18. Hence, the revenue of the Institute pertaining to year 2017-18 may be utilized to pay the library online journal subscription instead of transferring to the Endowment Fund account.</p> <p><b>As recommended by the Finance Committee approved the proposal as one time measure.</b></p>
<b>Decision:</b>	

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B.O.G.19.35.13	<b>Draft Environmental Policy of IISER Mohali.</b>
	<p><b>Vision:</b> To promote resource efficient, safe and sustainable interactions with the environment in all activities carried out within the IISER Mohali campus</p> <p><b><u>Guiding principles:</u></b></p> <ol style="list-style-type: none"> <li>1. The energy usage practices should conform to best practices in terms of energy efficiency with emphasis on augmenting renewables and safeguards to prevent misuse /wastage of electricity.</li> <li>2. The 3 Rs of Reduce, Reuse and Recycle must serve as the cornerstone for practices that are promoted on campus for handling of material resources including the solid waste generated on campus so as to conserve the natural resources of ground water, soil and air and improve the campus eco-diversity, air quality, water quality and biodiversity.</li> <li>3. Choice of materials used for activities carried out by campus community and institute should conform to prevent release of toxic and polluting substances into the environment.</li> </ol> <p><b>Action Points:</b></p> <ol style="list-style-type: none"> <li>1) Chemical and solid waste disposal be implemented by individual lab PIs with particular emphasis and visibility to occupational hazards arising from working with chemicals used by individual PIs.</li> <li>2) Regular internal audits of the sewage treatment plants, potable/drinking water treatment and storage unit, water consumption and waste disposal and composting should be carried out.</li> <li>3) Regular monitoring of campus air quality should be carried out</li> <li>4) Installation of ARTI biogas plants for conversion of canteen waste</li> </ol>

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	<p>to energy which can decrease LPG cylinder consumption by producing 0.5 kg of LPG gas equivalent from 2 kg of waste per day should be encouraged.</p> <p>5) Complete ban on use of synthetic chemicals as pesticides and herbicides for horticulture.</p> <p>6) Replacing tube lights with LED batons instead of replacing the tube and replacing compact fluorescence lamps which contain mercury with environmentally friendly and more energy efficient LED bulbs should be implemented.</p> <p>7) Installation of water meters to track water consumption from individual buildings on the campus for identifying the largest consumers and potential wastage points is necessary.</p> <p>8) Data on building wise water and energy consumption should be made available to Director's office by IWD.</p> <p>9) Sensor-based alarm system or automatic valve switches should be installed on over-head tanks of all major buildings to prevent water wastage due to overflow from the tanks.</p> <p>10) Replacement of hot water system in Hostels 5&amp;7 by a geyser system.</p> <p>11) Measures to prevent the use of deep groundwater for irrigation purpose should be put in place. Treated effluent with appropriate quality should be used for irrigation on campus. Its reuse should be maximized and discharge should be avoided.</p> <p>12) Industrial dishwasher and water saving faucets should be installed in the hostels and community buildings.</p> <p>13) Avoid using "Fossil" water for flushing and fire-fighting purposes – use mainly for drinking, kitchen and personal hygiene related</p>

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	<p>purposes.</p> <p>14) Base tanks for capturing rainwater and overflow water needs to be installed near buildings. The same should be used to fill the flush tank and fire-fighting tank.</p> <p>15) Reject water from RO systems should be used for irrigating household plants and gardening purposes (decentralized).</p> <p>16) Review the decade-long infrastructural facilities and revisit the plumbing systems to clamp down on wastage points.</p> <p>17) Creation and maintenance of natural ponds for rainwater harvesting – direct use for the proper purpose.</p> <p>18) Effluent treatment plant (ETP) for chemical waste from laboratories - Monitoring of lab wastewater.</p> <p>19) RO processing of water, which causes massive loss, should be discouraged. RO water filters should be replaced by water from air systems whenever they break down.</p> <p>20) Explore the use of shallow aquifer water and harvested rainwater for flushing.</p> <p>21) Collection and use of AC water for irrigation.</p> <p>22) Consideration of the wastewater treatment processes which offer resource recovery (nutrients, energy, water, etc.) opportunities (for upcoming STPs). Upgradation of existing ones for resource recovery, if and whenever possible.</p> <p>23) Suggestions for the future infrastructure and new buildings that come up on IISER campus should include following: (i) Installation of toilets that use negligible water and completely dry urinals. (ii) Installation of water saving shower heads and faucets throughout the</p>

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Decision:	<p>campus. (iii) Source separation of grey water and black water, and separate treatment – recycling or reuse of treated effluent for different purposes (according to the effluent quality). (iv) Electric vehicle charging stations (3-4 locations on campus)</p> <p>(24) Waste segregation at source</p> <p>(25) Leaf composters along the road to facilitate management of leaf litter</p> <p>(26) Ban on single use plastic items in shopping complex</p> <p>(27) Open burning that releases toxic smoke should be banned on campus.</p> <p>(28) Regular tree plantation activities</p> <p>(29) Promoting the use of eco-products in the restaurants and offices, and sale in the campus shops</p> <p>(30) Creating awareness through activities by Ambiente - the Environment Club</p> <p>(31) Share/Introduce the finalized environmental policies to the new students (for instance on the Orientation day).</p> <p><b>Members are requested to peruse and forward the suggestions/comments/views, so that full proposal will be placed to the Next BOG Meeting duly incorporating the suggestion/comments/views.</b></p>
B.O.G.19.35.14	<b>Draft Landscape Policy.</b>
	<p><b>Guiding Principles:</b></p> <p>1. We live in an area with sparse water resources. Therefore, any landscaping plan must minimize the use of water and take concrete</p>



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	<p>actions to recharge ground water.</p> <p>2. We live in an area with extreme summer and winter temperatures for a tropical country. Any planting scheme must, therefore, provide shade for the community members as well as for the buildings as far as possible.</p> <p>3. The campus is home to a wide range of resident and migratory species. In fact, IISER Mohali has incorporated, in its core curriculum, the study of avian and insect biodiversity found within the campus for the students. Any landscaping plan must try to maintain and augment this diversity by planting plants which are suited to the local ecology and will attract wildlife.</p> <p>4. Most IISER Mohali members work in a controlled laboratory environment. This necessitates the creation of greenery for relaxation and introspection as well as well-being of the residents.</p> <p>5. To enrich the lives of IISER community by providing aesthetically pleasant experiences that engage a range of senses (colour, smell, taste) and provide spaces for community engagements of varied kinds.</p> <p>6. IISER Mohali is located in a larger eco region and any development on campus needs to be responsive to the context.</p> <p>7. Plants in urban environments through their BVOC emission play a role in the formation of health relevant secondary air pollutants such as fine mode particulate matter (PM<sub>2.5</sub>) and ozone. These secondary pollutants form when primary emissions such as tailpipe exhaust are mixed with certain compounds such as isoprene and monoterpenes which plants emit. IISER Mohali seeks to curb the formation of secondary pollutants on its campus by carefully selecting the species</p>

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	<p>chosen for plantation along airport road keeping in mind their VOC emission potential.</p> <p><b>Action Plan:</b></p> <ol style="list-style-type: none"> <li>1. Augmenting the landscape to efficiently harvest rainwater and ground water recharging.</li> <li>2. Areas to be created which can become seasonal rain-fed water bodies and help in ground water recharging.</li> <li>3. Minimization of monoculture grass lawns which are difficult and expensive to maintain.</li> <li>4. Restoration of existing water bodies in the campus to make them ecologically functional.</li> <li>5. Planting should be done in such a way as to create many different layers which maximizes the space available allows for an enriching aesthetic experience.</li> <li>6. Planting of flowering and fruiting trees to have a year-round supply of food and shelter for wildlife.</li> <li>7. Planting an ozone garden for teaching and outreach purposes to visualize how air pollution damages plants and impact food security. An ozone garden contains plants which are ozone sensitive and develop large easy to identify visual injuries (which children can count without any tools) in the presence of polluted air. Suitable crops include guava, white mulberry, soybean, potato, snap bean, peas, mung beans, tomato, baingan, water &amp; musk melon, lettuce, spinach and coriander, maize, millet and certain wheat cultivars.</li> <li>8. Encouraging native grass species to grow as they are the main food source for many wild species.</li> <li>9. Planting of flower beds with non-hybrid and non-GMO seeds so</li> </ol>

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	<p>that seeds can be harvested and used indefinitely.</p> <p>10. A small nursery to be set up within the campus to provide an in-house resource for seed germination and arboriculture.</p> <p>11. Planting of winter deciduous shade trees along the many walkways of the campus.</p> <p>12. Minimization of large concrete pavements as they become heat-sinks during summer. Instead, use of natural materials, like stone, for most pavements.</p> <p>13. Most plants and trees to be procured from government-owned nurseries. Some plants however, would need to be bought from the market.</p> <p>14. Eliminating or minimizing the use of pesticides and weedicides that are harmful to the ecological system including residents.</p> <p>15. Setting up of in-house facilities for composting and vermiculture for recycling of the waste generated within which will save cost and augment soil quality.</p> <p>16. A walkway around the perimeter of the campus to be made for the use of residents for exercise.</p> <p>17. Create a green buffer around the periphery to shield from dust and noise pollution from the surrounding developments</p> <p>18. Consider a planting plan along the nallah keeping a regional perspective in mind</p> <p>19. Formation of a landscape committee to oversee these issues.</p>
<b>Decision:</b>	<p><b>Members are requested to peruse and forward the suggestions/comments/views, so that full proposal will be placed to the Next BOG Meeting duly incorporating the</b></p>

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	suggestion/comments/views.																															
<b>B.O.G.19.35.15</b>	<b>Recruitment Rules for the post of Registrar.</b>																															
	<table border="1"> <tr> <td>1.</td><td>Name of the Post</td><td>Registrar</td></tr> <tr> <td>2.</td><td>Number of Posts</td><td>01</td></tr> <tr> <td>3.</td><td>Classification</td><td>Group-A</td></tr> <tr> <td>4.</td><td>Scale of Pay (Grade Pay, Band Pay)</td><td>PB 4 (Rs. 37400-67000) with Grade Pay of 10,000 <b>Level 14, Rs. 1,44,200/--2,18,200/-</b></td></tr> <tr> <td>5.</td><td>Whether Selection Post or non-Selection Posts</td><td>Not Applicable.</td></tr> <tr> <td>6.</td><td>Age limit for direct recruits</td><td>Preferably below 55 years</td></tr> <tr> <td>7.</td><td>Educational and other qualifications required for direct recruits</td><td> <b>Essential:</b>  A Masters's Degree with at least 55% of the marks or its equivalent grade of 'B' in the UGC 7 Point scale;   <b>Experience:</b>   i) At least 15 years' of experience as Assistant Professor in the AGP of Rs. 7000/- and above or with 8 years' of service in the AGP of Rs. 8000 and above including as Associate Professor along with experience in educational administration.  <b>or</b>  ii) Comparable experience in research establishment and/or other institutions of higher education with not less than Grade Pay Rs.7600 or AGP 8000  <b>or</b>  iii) 15 years of administrative experience, of which 8 years shall be as Deputy Registrar or an equivalent post with the grade pay not less than Rs.7600 </td></tr> <tr> <td>8.</td><td>Whether age and qualifications required for direct recruits</td><td>Yes.</td></tr> <tr> <td>9.</td><td>Period of probation, if any</td><td>Not applicable</td></tr> <tr> <td>10.</td><td>Method of Recruitment: whether by direct recruitment or by promotion or by deputation or transfer &amp; percentage of the vacancies to be filled by various methods</td><td>Direct Recruitment on contract basis/deputation.</td></tr> </table>		1.	Name of the Post	Registrar	2.	Number of Posts	01	3.	Classification	Group-A	4.	Scale of Pay (Grade Pay, Band Pay)	PB 4 (Rs. 37400-67000) with Grade Pay of 10,000 <b>Level 14, Rs. 1,44,200/--2,18,200/-</b>	5.	Whether Selection Post or non-Selection Posts	Not Applicable.	6.	Age limit for direct recruits	Preferably below 55 years	7.	Educational and other qualifications required for direct recruits	<b>Essential:</b> A Masters's Degree with at least 55% of the marks or its equivalent grade of 'B' in the UGC 7 Point scale;  <b>Experience:</b>  i) At least 15 years' of experience as Assistant Professor in the AGP of Rs. 7000/- and above or with 8 years' of service in the AGP of Rs. 8000 and above including as Associate Professor along with experience in educational administration. <b>or</b> ii) Comparable experience in research establishment and/or other institutions of higher education with not less than Grade Pay Rs.7600 or AGP 8000 <b>or</b> iii) 15 years of administrative experience, of which 8 years shall be as Deputy Registrar or an equivalent post with the grade pay not less than Rs.7600	8.	Whether age and qualifications required for direct recruits	Yes.	9.	Period of probation, if any	Not applicable	10.	Method of Recruitment: whether by direct recruitment or by promotion or by deputation or transfer & percentage of the vacancies to be filled by various methods	Direct Recruitment on contract basis/deputation.
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<b>Decision:</b>	<b>BOG approved the release of the Advertisement for the Registrar position as the current Registrar is retiring in June. BOG decided to extend the tenure of the current Registrar till September 30, 2019 and decided that he will have the position of the Registrar till new registrar joins.</b>																															

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B.O.G.19.35.16	Financial Position as on 31.3.2019.				
	Amount in crores				
		OH 31	OH 35	OH 36	Total
	Opening Balance as on 1.4.2018	0.55	5.67	6.28	12.50
	Grant-in-aid received during 2018-19	40.00	16.00	34.68	90.68
	Total Available	40.55	21.67	40.96	103.18
	Expenditure upto 31.3.2019	40.55	21.57	30.68	92.80
	Balance	0.00	0.10	10.28	10.38
	Decision:	Approved.			
B.O.G.19.35.17	Matters arising from the 33 <sup>rd</sup> Meeting of the Academic Senate held on 20.3.2019 at 4.00 p.m.				
	a) <b>Nomination of Two Professors from the Academic Senate:</b> The term of Professor C. S. Aulakh and Professor P. Guptasarma as Academic Senate nominated members to the BOG expired. The 33 <sup>rd</sup> Academic Senate IISER Mohali nominated Professor Kavita Dorai and Professor Ramandeep Singh Johal to be the BOG members. For approval.				
	Decision: <b>Accepted.</b>				
	b) <b>Approval for awarding of degrees.</b>				
	i) Awarding of BS Degree: 1. Prabhat Mankar				
	ii) Awarding of BS-MS Degree:				
	<b>MS12 Batch:</b>				
	S. No.	Name	Reg. No.	Subject	CPI
	1.	Parman Bains	MS12122	CHM	5.3
	<b>MS13 Batch:</b>				
	S. No.	Name	Reg. No.	Subject	CPI
	1.	Aiswary. M.S	MS13018	BIO	6.4
	2.	Mridul	MS13044	BIO	5.1
3.	Sukhwinder Singh	MS13082	CHM	6.1	

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<b>Decision:</b>	4.	Shubham Singh Tomar	MS13099	BIO	6.4
	5.	Rudra Shekhar	MS13122	MTH	5.8
	6.	Gobinder Singh	MS13125	CHM	5.9
	7.	Vijay Singh Yadav	MS13130	MTH	5.2
<b>Decision:</b>	<p><b>Approved.</b></p> <p>iii) Awarding of MS degree: Mr. Raju Hazra, MP15008</p> <p><b>Approved.</b></p> <p>iv) Awarding of Ph.D. degree :</p> <ol style="list-style-type: none"> <li>1. Mr. Pranay Deep Rungta, PH15021</li> <li>2. Mr. Dibyendu Das, PH12141</li> <li>3. Ms. Karishma Bhasne, PH13021</li> <li>4. Ms. Poonam, PH12117</li> <li>5. Mr. Rathinam Sankar, PH13041</li> <li>6. Ms. Nidhi Kundu, PH12144</li> <li>7. Ms. Archana Kumari, PH12118</li> <li>8. Ms. Hema M. Swasthi, PH12148</li> <li>9. Mr. Soumya Dey, PH13001</li> <li>10. Ms. Manisha Wadhwa, PH12103</li> <li>11. Mr. Prince Tiwari, PH12123</li> <li>12. Ms. Sudha Devi, PH12121</li> <li>13. Mr. Abhijeet Sabebrao Jadhav, PH12143</li> <li>14. Mr. Prithwish Goswami, PH12010</li> <li>15. Ms. Vina Tikiyani, PH14026</li> <li>16. Ms. Pallavi, PH12104</li> <li>17. Mr. Ashish Toshniwal, PH10057</li> <li>18. Ms. Preety Choudhary, PH12108</li> </ol> <p><b>Approved.</b></p>				
<b>B.O.G.19.35.18</b>	<b>Authorisation to the Director to incur expenditure on various purposes.</b>				
	<p><b>As per the Statute 11.3 provides that ;</b></p> <p>Subject to the budget provisions made for the specific purpose, the Director shall have the power to incur expenditure in accordance with the procedure as may be laid down by the Board from time to time.</p>				

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	<p>Earlier, no limits have been prescribed and accordingly, the following limits have been proposed for according the approval of the F.C. and BOG. The expenditure will be incurred invariably in accordance with the procedures laid down under GFR, Govt. of India.</p> <p>The Board of Governors may permit the Director, IISER Mohali to incur the expenditure with the following limits :</p> <p>a) <b>OH36: Salaries</b>, as per the scales to the staff and in accordance with the Govt. of India norms in respect of allowances:</p> <p>b) <b>OH35: Capital Expenditure, Asset Creation:</b></p> <p>As per the sanction of the amount by the MHRD and within the norms prescribed for the new faculty.</p> <p>c) <b>OH31, General Expenses</b></p> <table border="0"> <tr> <td>1. Laboratory Expenses</td><td>8 Crores</td></tr> <tr> <td>2. Fellowships /Scholarships</td><td>8 Crores</td></tr> <tr> <td>3. Other academic Expenses</td><td>2 Crores</td></tr> <tr> <td>4. Administrative and Gen. Expenses</td><td>22 Crores</td></tr> <tr> <td colspan="2">Repairs and maintenance (5 crores)</td></tr> <tr> <td colspan="2">Electricity (8 crores), postage, telephones, lease line charges, printing stationery, travel and conveyance expenses, hospitality, advertisement and outsourcing staff charges (8 crores), outreach activities (15 Lakhs)</td></tr> <tr> <td colspan="2">Student activities including sports(50 Lakhs),</td></tr> <tr> <td>5. Library online journals</td><td>6 crores</td></tr> </table>	1. Laboratory Expenses	8 Crores	2. Fellowships /Scholarships	8 Crores	3. Other academic Expenses	2 Crores	4. Administrative and Gen. Expenses	22 Crores	Repairs and maintenance (5 crores)		Electricity (8 crores), postage, telephones, lease line charges, printing stationery, travel and conveyance expenses, hospitality, advertisement and outsourcing staff charges (8 crores), outreach activities (15 Lakhs)		Student activities including sports(50 Lakhs),		5. Library online journals	6 crores
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<b>Decision:</b>	<b>Approved.</b>																
<b>B.O.G.19.35.19</b>	<b>Review of the BOG Decision in respect of powers to the Director.</b>																
	<p>BOG in its 34<sup>th</sup> meeting held on 14.12.2018, under the agenda item no. 18.34.4 (while reviewing the action taken report of the Agenda item no. 18.33.16(4), withdrawn all the powers being exercised by the Director, IISER Mohali. The BOG must have considered it as necessary at that time. However, since the official in position has been changed and in view of the changed circumstances, the powers</p>																

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<b>Decision:</b>	delegated to the Director under Act and Statutes and the powers given to the Director by BOG may be restored and the Director be allowed to exercise the powers for smooth functioning of the IISER Mohali. <b>Approved.</b>
<b>B.O.G.19.35.20</b>	<b>Any other item with the permission of the Chair.</b>
<b>Decision:</b>	<p>i) <b>Adoption of Ministry of Science and Technology, Department of Science and Technology, Office O.M. No. SR/S9/Z-08/2018 dated 30<sup>th</sup> January, 2019.</b></p> <p>Vide above memorandum, fellowships to the Ph.D. scholars have been revised. Earlier also IISER Mohali is following the DST rates. Now with the above memorandum, JRF has been increased from existing 25000/- to 31,000/- and SRF from Rs. 28,000/- to 35,000/-. Similarly, Research Associates I, II, III have been revised. A copy of the above O.M. is placed for kind perusal.</p> <p>For approval to adopt the above O.M. at IISER Mohali.</p> <p>On approval, IISER Mohali shall implement.</p> <p><b>Approved.</b></p>

Sd/-  
Chairperson, BOG  
IISER Mohali

Sd/-  
Secretary, BOG  
IISER Mohali