



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली
(शिक्षा मंत्रालय, भारत सरकार द्वारा स्थापित)
सैक्टर-81, नॉलेजसिटी, पो. ओ. मनौली, एस. ए. एस. नगर, मोहाली, पंजाब - 140306
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI
(Established by Ministry of Education, Government of India)
Sector – 81, Knowledge City, P.O. Manauli, S.A.S. Nagar, Mohali, Punjab -140 306

Minutes for the 40th Meeting of the Board of Governors of IISER Mohali held at 3.00 P.M. on 18.08.2020 by Video Conference.

The following were present :

1.	Dr. Renu Swarup, Secretary DBT	Chairperson
2.	Dr. Chandra Shekhar Kumar, Joint Secretary MoE, nominee of Secretary DHE, MoE	Member
3.	Dr. J. K. Arora, Executive Director PSCST, Nominee of Chief Secretary, Govt. of Punjab	Member
4.	Professor Govindan Rangarajan, Director, Indian Institute of Science, Bangalore	Member
5.	Professor Sarit Kumar Das, Director, IIT Ropar,	Member
6.	Sh. Anil Kumar, Director (Finance), MoE nominee of Joint Secretary & Financial Advisor, MoE	Member
7.	Dr. Madhu Dikshit, Former Director CDRI, Lucknow	Member
8.	Prof. Rama Shanker Dubey, Vice Chancellor, Central University of Gujarat, Gujarat	Member
9.	Professor Kavita Dorai, IISER Mohali, <i>could not attend the meeting due to an internet problem. However, she sent her comments through e-mail (Annexure-I, Page No.1 -2); all the comments sent by her were read by the Secretary and considered by the Committee.</i>	Member
10.	Professor Ramandeep Singh Johal, IISER Mohali	Member
11.	Prof. J. Gowrishankar, Director, IISER Mohali	Member
12.	Prof. Jagdeep Singh, Registrar, IISER Mohali	Secretary

The following member could not be present in the meeting and was given leave of absence:

1.	Secretary Ministry of MSME	Member
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Item No.	Agenda
B.O.G.20.40.1	Welcome Remarks by the Director
	<p>The Director IISER Mohali welcomed the Chairperson and all the members, especially Professor Govind Rangarajan, Director IISc. Bangalore since this was his first meeting of BOG IISER Mohali. The Director also apprised the Members of the activities and achievements of the Institute in research and teaching through a brief presentation (copy of slides annexed as Annexure-II).</p> <p style="text-align: right;">Annexure II Page No.3-11</p>
B.O.G.20.40.2	Opening Remarks by the Chairperson.
	<p>The Chairperson welcomed the participation of all the Members, especially in the current situation where the meeting was being held online.</p>
B.O.G.20.40.3	Farewell to Officiating Registrar, Welcome to New Registrar
Decision	<p>Prof. Jagdeep Singh has joined as Registrar IISER Mohali on 01.06.2020. After the joining of Registrar Officiating Registrar Sh. B. Nagarajan has been relieved from the charge. A warm farewell has been given to Sh. Nagarajan and Director IISER Mohali express his gratitude to Sh. Nagarajan for his service from 20/12/2020 to 01/06/2020; he also welcomed the new Registrar Prof. Jagdeep Singh.</p> <p>The Board of Governors appreciated the services rendered by Sh. Nagarajan as Registrar of the Institute and welcomed the new Registrar Prof. Jagdeep Singh to the Institute. Dr. Jatinder Arora specifically highlighted and appreciated the important role played by Prof. Jagdeep Singh from 2007 to 2012 in the establishment of IISER Mohali.</p>
B.O.G.20.40.04	Confirmation of Draft Minutes of the 39th Meeting of the BOG, IISER Mohali held on May 4, 2020
	<p>Draft Minutes of the 40th Meeting of the Board held on 04.05.2020 have been circulated. No comments received yet.</p> <p>For confirmation please.</p>



Item No.	Agenda		
Decision	The Draft Minutes of the 39 th Meeting of the Board of Governors as circulated are confirmed.		
B.O.G.20.40.5	Action taken report on the draft minutes of the 39 th meeting of the BOG held on May 04, 2020.		
	The Action Taken Report on the items requiring follow-up action on the decisions of the 39 th meeting of the Board on May 4, 2020 is as follows, and placed for the consideration of the Board.		
	Item No.	Agenda	Action Taken
	B.O.G.20.39.1	Welcome Remarks by the Director	-
	B.O.G.20.39.2	Opening Remarks by the Chairperson	-
	B.O.G.20.39.3	Director’s Report and Action Plan for next 12 Months	-
	B.O.G.20.39.4	Confirmation of Draft Minutes of the 38 th Meeting of the BOG, IISER Mohali held on December 19, 2019	Confirmed.
	B.O.G.20.39.5	Action taken report on the draft minutes of the 38 th meeting of the BOG held on December 19, 2019	Noted
	For Consideration and Approval		
	B.O.G.20.39.6	Items arising from the 33 rd Finance Committee (FC) Meeting held on May04, 2020	
	F.C.20.33.5	OH-31	Noted for compliance.
	F.C.20.33.6	Delegation of Financial Powers for various levels	Orders issued. Inadvertently the delegation of financial power of Director for works has been given as Rs.50 lakh whereas BOG in its 9 th Meeting held on 02/11/2010 has approved the delegation of financial power of Director for works as Rs.80 lakh. It is to be kindly corrected and noted that financial power of Director for works is Rs. 80 lakh instead of Rs.50 lakh.
	F.C.20.33.7	Amendment and Updation required in Stores and Purchase Manual.	The amendment and updation has been made in the Stores and Purchase Manual.



Item No.	Agenda		
	F.C.20.33.8	Pre-mature Condemnation of Omni Five-Seater (CH-01-G1-3071) Vehicle and Replacement with Purchase of New Ambulance	Omni Five-Seater (CH-01-G1-3071) Vehicle has been condemned by CTU Condemnation Committee as per Staff Car Rule 43. since Maruti Eeco is not available on GeM and Mahindra Supro ZX is available on GeM. The Institute may be permitted to purchase Mahindra Supro ZX available on GeM.P
	F.C.20.33.9	Creation of Faculty and Non-Faculty Positions at IISER Mohali	Noted.
	F.C.20.33.10	Payment of Retirement Gratuity and Death Gratuity	Noted. Letter has been sent to MHRD
	F.C.20.33.11	Distribution Percentage of Overheads amounts received on Extramural Research Projects	Notification issued and implemented.
	B.O.G.20.39.7	Items Arising from the 38 th Senate Meeting held on January 6, 2020	Noted.
	B.O.G.20.39.8	Requests for Re-consideration of previous decisions	
	A.	Placement of four professors in the HAG Scale	Noted. Notifications issued. Pay fixation in HAG scale implemented.
	B.	Allegations against Faculty and Staff of Prima facie Offences under Information Technology (IT) Acts 2000, 2008	Please see Agenda Item no. BOG.20.40.20
	C.	Recovery of Legal Expenses from the Former Director	Referred to MHRD.
	B.O.G.20.39.9	REDACTED`	REDACTED
	B.O.G.20.39.10	Appointment of Associate Deans	Noted. The three Associated Deans appointed as: 1.Dr. Sugumar Venkataramani appointed as Associated Dean Academics 2.Dr. Abhishek Chaudhari appointed as Associated Dean Students 3. Dr R. Vijayanand appointed as Associated Dean R &D



Item No.	Agenda		
	B.O.G.20.39.11	Regularization of Contractual Appointment of Dr. Parth Chauhan as Assistant Professor	The Services of the Dr. Parth Chauhan has been regularized w.e.f. 11.12.2017
	B.O.G.20.39.12	Appointment of Visiting and Honorary Professors	Noted. The institute appointed several Visiting and honorary Professors in the Institute.
	B.O.G.20.39.14	Technology Business Incubator (TBI) Guidelines	Noted for compliance.
	B.O.G.20.39.15	Panels of experts for Selection Committees for Faculty Appointments	Noted for compliance
	B.O.G.20.39.16	Decentralization of Activities/Change Proposal	Orders issued.
	B.O.G.20.39.17	Re-constitution of Building and Works Committee	Noted. The letters has been sent to the members nominated by the Board and their acceptance has also been received. and the 12 th BWC meeting held on 14.07.2020
	For Ratification		
	B.O.G.20.39.18	Confirmation of Assistant Professors and Associate Professors at IISER Mohali	Noted.
	B.O.G.20.39.19	Confirmation of Professors at IISER Mohali	Noted.
	B.O.G.20.39.20	Approval of the Nomination of Members in the Selection Committee for the post of Registrar and Deputy Registrar	Noted.
	B.O.G.20.39.21	Recommendation of the Selection Committee Meeting held on 19/03/2020 for the Post of Registrar	Implemented. Prof. Jagdeep Singh has joined on 01/06/2020b as Registrar IISER Mohali.
	For Reporting:		
	B.O.G.20.39.22	Financial Position as on 28.02.2020	Noted.
	B.O.G.20.39.23	Foreign visit of faculty members of IISER Mohali	Noted.
	B.O.G.20.39.24	Court Case: Prof. Sanjay Mandal Vs. IISER Mohali through its BOG Chairperson	Noted.
	B.O.G.20.39.25	Three High Court Cases with IISERs as Respondent	Noted.
	B.O.G.20.39.26	Gift/Donation of Whirlpool 190 Lts. 3 Star (2019) Direct Cool Single Door Refrigerator the Security Office of IISER Mohali	Noted
	B.O.G.20.39.27.	Any Other Item with the permission of Chair	



Item No.	Agenda		
Decisions	B.O.G.20.39.28	To consider utilization of interest earned on the unspent balances from the grants received by IISER Mohali from MHRD	Noted
	B.O.G.20.39.29	Proposal for a Merit-cum-Means Fellowship Scheme for BS-MS Students	Deferred.
	B.O.G.20.39.30	Construction of Two Hostels of 11600 Sqm. Each (Total =23200 Sqmts) with Loan from HEFA (Higher Education Financing Agency)	Noted for compliance. Papers have been sent to HEFA
	B.O.G.20.39.31	International MoUs	Notification issued.
	B.O.G.20.39.32	Appointment of Dean of Academic Affairs (Information Item)	Noted for compliance.
	The Board noted the Action taken Report and resolved the following:		
	B.O.G.20.39.6	Items arising from the 33 rd Finance Committee (FC) Meeting held on May 04, 2020	
	F.C.20.33.6	Delegation of Financial Powers for various levels	
		As recommended by the Finance Committee at its 34 th meeting, the Board approved the correction that financial power of the Director for works is Rs. 80 lakh instead of Rs.50 lakh.	
	F.C.20.33.8	Pre-mature Condemnation of Omni Five-Seater (CH-01-G1-3071) Vehicle and Replacement with Purchase of New Ambulance	
		As recommended by the Finance Committee at its 34 th meeting, the Board approved the Institute’s request to purchase Mahindra Supro ZX through GeM in place of Maruti Eeco. Order for purchase of Mahindra Supro ZX through GeM has been placed on 14.10.2020	
	B.O.G.20.39.8.C	Recovery of Legal Expenses from the Former Director	
		The Board resolved to request the MoE to have the matter examined expeditiously, so that all pending issues arising during earlier turbulent time of Institute may be settled soon.	
	B.O.G.20.39.9	REDACTED	
For Consideration and Approval			



Item No.	Agenda					
B.O.G.20.40.6	Items arising from the Finance Committee Meeting held on August 2020					
F.C.20.34.05	Financial Position as on July 31, 2020					
Decision	(Rs. in Lakh)					
	Particulars	Opening Balance	Grant-in-Aid	Total Available (incl. Opening Balance)	Expenditure	Balance
	A. General OH-31	334.84	1235.00	1569.84	1097.76	472.08
	B. Capital OH-35	509.20	200.00	709.20	574.30	134.90
	C. Salary OH-36	1003.07	1105.00	2108.07	1231.88	876.19
	Total (A+B+C)	1847.11	2540.00	4387.11	2903.94	1483.17
	Noted. Director (Finance) stated on behalf of MoE that the grant-in-aid budget releases this year are likely to be very constrained for OH-31 and especially so for OH-35.					
F.C.20.34.06	Transfer of Rs.2.5 crore to Endowment Fund from JAC Funds					
	<p>The Joint Admission Committee (JAC) of IISERs conducts the Entrance Examination for admission into BS-MS Program. The Centralized admissions are conducted by seven IISERs on rotation basis. The fee for entrance test comes to the host institute and the host institute makes payments of various logistics like advertisement, honorarium, paper setting etc. out of it. IISER Mohali conducted Entrance Examination through JAC in 2018. Surplus funds from JAC Account were transferred to IISER main account in two instalments of Rs. 150 lakh on 02/08/2018 and Rs. 100 lakh on 25/03/2019.</p> <p>The Institute has recently established a Technology Business Incubator (TBI) in the IISER Mohali to promote entrepreneurship activities especially amongst students and faculty. A good number of faculty and students are interested to incubate start-ups in the TBI. As per the sanction of Department of Science and Technology, Government of India, dated 18/01/2017 DST is to give the TBI at IISER Mohali grant of Rs.499.90 lakhs, on the condition that an amount Rs.175.10 lakh will be contributed by the host Institute to the venture.</p>					



Item No.	Agenda
Decision	<p>It is proposed that out of the Rs.250 lakh of JAC surplus fund, Rs.175.10 lakh may be transferred to TBI as Institute share and the remaining Rs.74.90 lakh will be deposited in the Endowment Fund of the Institute.</p> <p>As recommended by the Finance Committee, it is for the consideration and approval of the Board.</p> <p>The Board of Governors appreciated the legitimate demand of the institute and also highlighted that there is too much pressure on OH-31. On the recommendation of the Finance Committee, the Board approved the utilization from the JAC account surplus of Rs 2.5 crore (i) of Rs.1.75 crore towards TBI as IISER Mohali contribution, and (ii) Rs.0.75 crore towards online teaching expenses on capital account (as per Agenda Item F.C.20.34.18(1) below).</p> <p>The comments of the Prof. Kavita Dorai were also taken into account.</p>
F.C.20.34.07	<p>High Performance Computer – For Financial Approval</p> <p>The High Performance Computing (HPC) facility was set up in the Institute in 2011 to support the research and teaching activities of several faculty across the Departments of Physics, Mathematics, and Chemistry. To cater to their vastly increased computational needs in the face of various large-data projects and to take advantage of technological advances in the field, it is proposed to upgrade the HPC facility infrastructure of the Institute. A Task Force on Computational Facilities was constituted to examine and to make recommendations for the upgradation, and the Committee has submitted a three-phase proposal for the same. (Annexed). It is proposed to implement Phases 1 and 2 of the recommendations in 2020-21 and 2021-22 at estimated costs of Rs. 4 crore and Rs.2.5 crore respectively. The upgradation will benefit all the faculty who are engaged in theoretical research pursuits, who comprise about one –third of the current faculty strength.</p> <p>As Recommended by Finance Committee, it is for the consideration and approval of the Board.</p>



Item No.	Agenda
Decision	The Board of Governors approved the recommendation of the Finance Committee and accorded in principle approval for the expenditure of Rs.4 crore in Phase -I (2020-2021) and Rs.2.5 crore in Phase-II (2021-2022) for High Performance Computer Facility, subject to the availability of funds.
F.C.20.34.08	Approval of the expenditure to Upgrade the Internet Services of the Hostels
Decision	<p>The hostels are currently having Wi-Fi Internet services which were started in the year 2011. Now the routers have become very old and the Institute is receiving complaints from the students every day regarding the poor connectivity. In order to provide seamless connectivity to the students in the hostel, it is proposed to have LAN connectivity in the hostels. The cost of providing the upgraded internet services will be around Rs.82 lakhs.</p> <p>As Recommended by the Finance Committee, it is for the consideration and approval of the Board.</p> <p>Based on the recommendation of the Finance Committee, the Board approved the expenditure of Rs. 82 lakh to upgrade the Internet Services of the Hostels, subject to the availability of funds.</p>
F.C. 20.34.09	Adoption of Annual Statement of Accounts for the year 2019-20
Decision	<p>The Annual Statement of Accounts for the year 2019-20 was sent to all Members by email.</p> <p>Recommended to the Board for its consideration and approval.</p> <p>On the recommendation of the Finance Committee, the Board approved the Annual Statement of Accounts for the year 2019-20.</p>
F.C. 20.34.10	Arbitration Awards and Payments to CPWD amounting Rs.2.37 crore in respect of Administrative building and Guest House
	<p>CPWD has constructed various buildings (24 Nos) of IISER Mohali between 2008 to 2016. They have communicated to IISER regarding the status of latest arbitration awards in respect of following two buildings: -</p>



Item No.	Agenda
	<ol style="list-style-type: none">1. C/o Administrative Building (M/s Satish Builders)- Arbitration amount of Rs 1,65,73,931/-2. C/o Guest House (M/s Kalsi Brothers)- Arbitration amount of Rs 1,71,43,952/- <p>As per the communication received from CPWD, the total of these arbitration amount as on 30.06.2020 is Rs.3.37 crore. As per the advisory issued by NITI Aayog vide office memo No.N-14070/14/2016-PPPAU dated 05.09.2016, wherein, it has been suggested that Government agencies would pay 75% of the arbitral award amount to an ESCROW account against margin free bank guarantee, in those cases where the award is challenged. The contractor for both the above work have applied to CPWD for payment of 75% of amount against bank guarantee through ESCROW account for award given against these two works. CPWD has challenged both the cases in Hon'ble Delhi High Court and District Court Chandigarh respectively. The payment of 75% of the Arbitration Award comes out to be Rs.2.52 crores. A deposit of Rs.1.00 crore is available with CPWD, the balance liability as on date for IISER to deposit in the ESCROW account is Rs.1.52 crore. Timely deposit of funds will save the exchequer on account of interest to be levied in case of delay in payments of arbitration amount.</p> <p>As recommended by Finance Committee, it is submitted to the Board for consideration and approval for R.2.37 crore. Out of the total Arbitration Award 75% will be paid by the Institute now and remaining will be paid after the finalization of the Court case.</p>
Decision	<p>Based on the recommendations of the Building and Works Committee and of the Finance Committee, the Board accorded its approval for Rs.2.37 crore towards Arbitration Awards and further approved that 75% awarded amount may be deposited in ESCROW Account to avoid further interest. The 75% of the arbitration amounts (of Rs.3.37 crore) is Rs.2.52 crore, of which Rs.1 crore is already lying with CPWD. Hence balance of Rs.1.52 crore is to be transferred to CPWD to be deposited in ESCROW account, and the remainder will be paid to CPWD in case the decision of the Hon'ble Court goes against the Institute.</p>



Item No.	Agenda
F.C. 20.34.11	Construction of two new Hostels at IISER Mohali-Reg
Decision	<p>On the recommendation of the Finance Committee, the Board of Governors in its 39th Meeting held on 04.05.2020, accorded the Administrative Approval and Expenditure sanction to CPWD for the amount of Rs.76.80 crore vide its Resolution No.B.O.G.20.39.30. This sanctioned amount inter-alia does not account for contingency factor. The B & WC in its 12th meeting held on 14/07/2020 have recommended 1% contingency as of now, over and above Rs.76.80 crore to be accorded approval. Therefore, the revised estimated cost taken into consideration 1% contingency works comes out to be Rs.77,64,79,847/- to be accorded approval to CPWD.</p> <p>On the recommendation of the Finance Committee, It is submitted for consideration and approval of the Board to approve revised estimated cost of Rs. 77,64,79,847/- to CPWD for the construction of two new hostels at IISER Mohali through HEFA. The Director IISER may be authorized to accord administrative approval and expenditure sanction as and when the loan is sanctioned from HEFA.</p> <p>On the recommendations of Finance Committee and of the Building and Works Committee for revision of cost estimate of two new hostels under HEFA loan, the Board accorded its approval for revised estimated cost of Rs.77,64,79,847/- taking into consideration 1% contingency.</p>
F.C.20.34.12	IISER Alumni Fund
	<p>There is a proposal to set up IISER Alumni Fund, since a large number of alumni are well settled in India and abroad and many of them are interested to contribute towards Alumni Fund. This fund will be utilized to financially help students from humble background, who cannot afford the expenses of study and stay at institute. A committee will be constituted for proper utilization of this fund.</p> <p>As recommended by the Finance Committee, It is for the consideration and approval for the Board.</p>



Item No.	Agenda
Decision	Based on the recommendation of Finance Committee, the Board accorded its approval to set up a fund to be named as “IISER Mohali Foundation Fund” which can receive contributions from IISER Mohali alumni as well as from the Diaspora across the world. The detailed guidelines of this Foundation shall be worked out by a committee of Registrar, Deputy Registrar/Assistant Registrar (Finance) and two alumni office bearers of the Alumni Association.
F.C.20.24.13	Items arising from the 39th Senate Meeting held on 25.05.2020.
Senate 20.39.08	Proposal for a Merit-cum-means fellowship
	<p>The following proposal of the Senate and recommendation of the Finance Committee to institute a merit cum means fellowship scheme for BS-MS students is for the consideration of the Board. It is further requested through the FC to BoG that the Senate may be allowed to make necessary minor modifications to ensure smooth implementation.</p> <ol style="list-style-type: none">1. Applicable to a BS-MS student from 3rd to 10th semester, who satisfies any of the following:<ol style="list-style-type: none">a) belongs to the SC/ST category;b) belongs to the OBC category but excluding the creamy layer; orc) is in possession of an EWS certificate.2. The student must have a CPI of 7.0 or above (6.5 or above for an SC/ST student).3. The fellowship amount shall be 50% of that of the DST–INSPIRE fellowship (excluding contingency and mentorship allowances) for the full year, less any amount that may be received by the student as fellowship or scholarship from the Central or State Government.4. Expenditure on the scheme will be met from funds collected by the Institute as tuition fees, or from CSR funds or donations if available. <p>Financial outgo on the proposed scheme is estimated to be Rs. 1 crore per year at present, increasing to Rs. 1.25 crore per year when the student intake reaches 250 per year. (Total tuition fee collections are around Rs 5 crore per year.)</p> <p>As Proposed by Senate and recommended by the Finance Committee, it is</p>



Decision	<p>submitted for the Board to accord its approval.</p> <p>The Board approved the Proposal for a Merit-cum-Means Fellowship. It also emphasized the views of Finance Committee members that Senate should only restrict themselves to academic matters as per the provision of the Statutes, and should not deal with any financial issues (latter applicable also to Agenda Items Senate 20.41.06 and Senate 20.41.07 below).</p>
F.C.20.24.13	Items arising from the 41st Senate Meeting held on 16.07.2020.
Senate 20.41.06	Proposal to recommend waiver of Hostel fees for students who clear their rooms:
Decision	<p>The Senate recommended the proposal for waiver of Hostel fees (for students who clear their rooms), Electricity and Water charges, Gym and Sports fees for students not living on campus due to online teaching. In case students return to campus during the semester, such fees may be charged on a pro-rata basis. This will help students financially so that they may be able to invest in devices for online connectivity.</p> <p>As Recommended by Senate and Finance Committee, it is for the consideration and approval of the Board.</p> <p>Based on the recommendation of the Finance Committee, the Board in principle approved the proposal and authorized the Director to constitute a committee with Director, Registrar and two Members of the Finance Committee to give suitable recommendation about the quantum of hostel fee waiver keeping in account that certain overhead expenses would still have to be met by the institute even if students were not staying in the hostels.</p>
Senate 20.41.07	Proposal to allow late payment of fees for students without penalty for a delay by up to three months.
	<p>The Senate proposed to allow late payment of fees for students without penalty for a delay by up to three months.</p> <p>The Senate recommended that the students be allowed to pay fees in equal installments over a period of six months.</p>



Decision	<p>As Recommended by Senate and Finance Committee, it is for the consideration and approval of the Board.</p> <p>On the recommendation of the Finance Committee, the Board approved the proposal, which is to be applicable only for the Monsoon Semester 2020.</p>
F.C.20.24.14	Purchase of E-books and Licence for Software from CPDA
Decision	<p>The guidelines of CPDA, which are part of the Manual for Faculty Members were approved by BOG in its 16th Meeting held on 24.05.2013. Subsequently MHRD issued a letter to all the NITs and IISTs that purchases of computers peripherals, tablets, interactive media books are to be avoided. However, there is no advice on e-books and Annual Subscription of licence of software. Subject to recommendation by Finance committee, it is submitted to the Board for consideration to accord the approval for purchase of e-books and Annual Subscription of Licence of Software from the allocated amount of CPDA.</p> <p>As intimated by the Director (Finance) MoE and noted by the Finance Committee, the Ministry has issued fresh guidelines regarding CPDA dated 28th July, and the Board resolved that the fresh guidelines of MoE on CPDA may be adopted by the Institute.</p>
B.O.G.20.40.8	Items arising for the 39th Meeting of the Senate held on December 19, 2019
Senate 20.39.06	Students Fulfilling the Requirements for Award of MS and PhD degrees
Decision	<p>The Senate recommended following three students for Award of MS and Ph.D. Degrees to the Board for its approval.</p> <ol style="list-style-type: none">1. Mr. Manoj Aravind V, MP120112. Ms Anita Devi, MP130013. Ms Samridhi Gambhir, MP13015 <p>It is submitted to the Board to accord the approval for awarding the Degree to these three students.</p> <p>On the recommendation of the Senate, the Board accorded its approval for awarding MS and Ph.D. Degree to the above-mentioned students.</p>



Senate 20.39.07	Students Fulfilling the Requirements for Award of PhD degree
Decision	<p>The Senate recommended following six students for Award of Ph.D Degrees to the Board for its approval.</p> <ol style="list-style-type: none">1. Ms. Aakansha Gulati, PH121492. Mr. Rajendra Pratap Shirke, PH130143. Ms. Anshu Saini, PH140214. Mr. Prince Saini, PH121405. Mr. K Kiran Kumar, PH130376. Mr. Anzar Ali, PH14006 <p>It is submitted to the Board to accord the approval for awarding Ph.D. Degree to these students.</p> <p>On the recommendation of the Senate, the Board accorded its approval for awarding Ph.D. Degree to the above-mentioned students.</p>
B.O.G.20.40.9	Items arising for the 40th Meeting of the Senate held on May 25, 2020
Senate 20.40.03	Students fulfilling the requirements for Award of PhD degree:
Decision	<p>The Senate recommended following seven students for Award of Ph.D Degrees to the Board for its approval.</p> <ol style="list-style-type: none">1. Ms. Priyanka Dogra, PH140302. Ms. Swati Tanwar, PH142123. Mr. Rajinder Kumar, PH142144. Mr. Bhupinder Singh Bharadwaj, PH 121065. Ms. Swati Krishna, PH140206. Mr. Ankit Singh, PH140367. Ms. Manleen Kaur, PH15024 <p>On the recommendation of the Senate, it is submitted to the Board to accord its approval for awarding the Ph.D. Degree.</p> <p>On the recommendation of the Senate, the Board accorded its approval for awarding Ph.D. Degree to the above-mentioned students.</p>
B.O.G.20.40.10	Items arising from the 42nd Senate Meeting held on 13.08.2020.
	As given under any Other Item No. B.O.G.20.40.29(2)
B.O.G.20.40.11	The Minutes of the 12th Building and Works Committee held on 14.07.2020



Decision	<p>The 12th B & WC Meeting was held on 14/07/2020, and the Minutes of the meeting have been placed for the confirmation of the Board.</p> <p>The Board approved the Minutes of the 12th B & WC Meeting held on 14/07/2020.</p>
B.O.G.20.40.12	Extension of Tenure for Post Doctoral Fellows
Decision	<p>The Institute has received requests from Post-doctoral fellows for extension of their two-year tenure as they could not conduct and complete their research due to the COVID 19 Pandemic.</p> <p>It is proposed as a one-time measure to increase the tenure by six months of all post-doctoral fellows appointed between 01.04.2018 and 31.03.2020.</p> <p>It is submitted for consideration and approval of the Board.</p> <p>The Board after deliberations resolved to increase the tenure of Post-Doctoral Fellows appointed between 01-04-2018 and 31-03-2020 by six months, as a one-time measure.</p>
B.O.G.20.40.13	Appointment of Honorary/Visiting/ Adjunct Professors; and information on new appointments
	<p>At its 39th meeting held on 4.5.2020, the BoG resolved to continue with the guidelines previously approved on 24.5.2013 for the appointment of Visiting/Honorary/Adjunct faculty in the Institute. These guidelines are annexed.</p> <p>During the recent discussions on fresh appointments under this scheme, it was noted that there is an ambiguity with the statement in the guidelines, “The total number of appointments would normally be within about 10% of the sanctioned strength of the faculty”. Profs. Bagla and Bachhawat, who were the Senate nominees on the BoG in 2013, recollected that this ceiling during the BoG discussion was finalized for the number of Visiting Professor appointments alone, since the other two categories (Honorary and Adjunct faculty) impose minimal financial obligations on the Institute. The Board is requested to clarify that the ceiling of 10% of the sanctioned faculty strength</p>



Decision	<p>is applicable to the number of Visiting Professors in the Institute at any particular time.</p> <p>The current list of Honorary/Visiting/Adjunct faculty and their tenures are as follows:</p> <p style="text-align: center;">Visiting Faculty</p> <table><tr><th>Sr. No.</th><th>Name of Faculty</th><th>Period of Appointment</th></tr><tr><td>1.</td><td>Prof. Kuljinder Pal Singh</td><td>01/08/2020 to 31/07/2021</td></tr><tr><td>2.</td><td>Prof. Charanjeet Singh Aulakh</td><td>01/08/2020 to 31/07/2021</td></tr><tr><td>3.</td><td>Prof. Srihari Keshavamurthy</td><td>01/08/2020 to 31/07/2021</td></tr></table> <p style="text-align: center;">Adjunct Faculty</p> <table><tr><th>Sr. No.</th><th>Name of Faculty</th><th>Period of Appointment</th></tr><tr><td>1.</td><td>Prof. Sriram Subramaniam</td><td>25.11.2017 to 24.11.2020</td></tr><tr><td>2.</td><td>Prof. Hariday Kant Dewan</td><td>02/08/2019 to 01/08/2022</td></tr><tr><td>3.</td><td>Prof. Sadhna Saxena</td><td>02/08/2019 to 01/08/2022</td></tr><tr><td>4.</td><td>Prof. Sarabjot Singh Anand</td><td>02/08/2019 to 01/08/2022</td></tr><tr><td>5.</td><td>Prof. Amitabh Joshi</td><td>01/08/2020 to 31/07/2023</td></tr></table> <p style="text-align: center;">Honorary Professor</p> <table><tr><th>Sr. No.</th><th>Name of Faculty</th><th>Period of Appointment</th></tr><tr><td>1.</td><td>Prof. I.B.S. Passi</td><td>01/09/2019 to 31/08/2022</td></tr><tr><td>2.</td><td>Prof. A.R. Ravishankara</td><td>01/07/2020 to 30/06/2023</td></tr><tr><td>3.</td><td>Prof. N. Sathyamurthy</td><td>01/07/2020 to 30/06/2023</td></tr><tr><td>4.</td><td>Prof. Mahesh Rangarajan</td><td>01/07/2020 to 30/06/2023</td></tr></table> <p>Submitted for consideration and approval, and for information.</p> <p>The Board approved that the ceiling of 10% of the sanctioned faculty strength will be applicable to Visiting Professors, without reference to the numbers of Honorary Professors and Adjunct Faculty as the financial commitment on the latter two categories is minimal.</p>	Sr. No.	Name of Faculty	Period of Appointment	1.	Prof. Kuljinder Pal Singh	01/08/2020 to 31/07/2021	2.	Prof. Charanjeet Singh Aulakh	01/08/2020 to 31/07/2021	3.	Prof. Srihari Keshavamurthy	01/08/2020 to 31/07/2021	Sr. No.	Name of Faculty	Period of Appointment	1.	Prof. Sriram Subramaniam	25.11.2017 to 24.11.2020	2.	Prof. Hariday Kant Dewan	02/08/2019 to 01/08/2022	3.	Prof. Sadhna Saxena	02/08/2019 to 01/08/2022	4.	Prof. Sarabjot Singh Anand	02/08/2019 to 01/08/2022	5.	Prof. Amitabh Joshi	01/08/2020 to 31/07/2023	Sr. No.	Name of Faculty	Period of Appointment	1.	Prof. I.B.S. Passi	01/09/2019 to 31/08/2022	2.	Prof. A.R. Ravishankara	01/07/2020 to 30/06/2023	3.	Prof. N. Sathyamurthy	01/07/2020 to 30/06/2023	4.	Prof. Mahesh Rangarajan	01/07/2020 to 30/06/2023
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B.O.G.20.40.14	To consider and approve the Creation of Post of Professor of Practice																																													
	Although IISER Mohali is a science-based Institute, there has been a major thrust from DST and MHRD to initiate a Technology Business Incubator																																													



	<p>(TBI). In fact, similar set-ups have already been established at MHRD supported national Institutions, such as IIT Bombay, IIT Madras, IIT Kanpur and IIT Ropar and are running successfully. TBI at IISER Mohali was established in 2016 and many students and faculty have expressed their interest to incubate at the TBI. The DST has also sanctioned a grant of Rs. 5 Crore for the TBI.</p> <p>In this regard, the need is felt for appointing a highly skilled professional with immense experience in industrial sector, to augment and oversee the TBI activities and also to enhance industry-institute collaboration. To achieve this, it is proposed to create a post of “Professor of Practice”, for which a number of experience professionals may be eligible who are working in industry or at the interface of industry-academia and who can contribute significantly in evaluating start-ups, participate in activities that augment the start-up and innovation culture, participate in consultancy/research projects, deliver lectures to the students and enhance, thereby, the industry-institute collaboration in different areas. The individual will also serve as CEO of the TBI.</p> <p>The Professor of Practice is proposed to be a full-time contractual appointment for five years, appraised and renewed annually. Representative advertisements of IIT-Delhi and IIT-Gandhinagar are annexed.</p> <p>It is for the consideration and approval of the Board.</p>
Decision	While the Board approved in principle approved the creation of post of Professor of Practice, it directed the institute to frame comprehensive guidelines about this post and report back to the BOG. The Professor of Practice post is to be dissociated from that of CEO of TBI.
B.O.G.20.40.15	Convocation Date and Chief Guest
	<p>The Director informed the Board that the 9th Convocation of IISER Mohali is to be held online on 20.08.2020 at 3.00 pm, with Prof Gagandeep Kang as Chief Guest.</p>
Decision	The Board Members extended their congratulations to the graduates who will be awarded degrees and Medals in the 9th Convocation.



B.O.G.20.40.16	Guidelines of the CASH
Decision	<p>The Institute is having a Committee Against Sexual Harassment (CASH) for safety and security of female students, employees and faculty. The Committee has adopted VISAKHA Guidelines. The UGC has formulated more comprehensive guidelines for CASH on the directions of the Ministry of HRD which was notified vide Gazette Notification. The institute would now like to adopt the UGC Guidelines for dealing with complaints against sexual harassment.</p> <p>It is for the consideration and approval of the Board.</p> <p>The Board deliberated on the guidelines to be followed by the CASH. The comments sent by Prof. Kavita Dorai were also taken in to account. The Board resolved to adopt the UGC Guidelines, given that these have been drafted on the directions of the Ministry of Education. The Board further resolved that the present CASH Members may be requested to make a comparison between the VISAKHA and the UGC Guidelines, and if they have any suggestions, the same may be informed to the Board and communicated to the Ministry for further action.</p>
B.O.G.20.40.17	Permission to Dr. S.V. Ramasastry to take Fresh Ph.D. Students from August 2020
	<p>At its 37th meeting held on 17.08.2019, the BoG considered a complaint received from a PhD student of Dr. S. V. Ramasastry (Asst. Prof., Chemistry) and resolved that “Dr. Ramasastry will be prohibited from taking any fresh Ph.D students for the period of two years w.e.f. current semester (August 2019 onwards). However, Dr. Ramasastry will remain under observation and this prohibition will be reviewed after one year. At that time Dr. Ramasastry’s behaviour with students will be assessed by the combined committee consisting of Ph.D (Doctoral) Committees of all his current Ph.D students and one external expert. If the review is favourable, the BoG may choose to remove the prohibition after one year instead of two years.”</p> <p>Accordingly, a 5-member Committee comprising the members of PhD (Doctoral) Committees of all of Dr. Ramasastry’s current PhD students (excluding Dr. Ramasastry himself) along with Prof. P V Bharatam (NIPER -</p>



Decision	<p>Mohali) as external member met on 20.07.2020 and interacted with each one of the current PhD students of Dr. Ramasastry; the minutes of the Committee's meeting are annexed. The Committee has unanimously recommended that Dr. Ramasastry be permitted to take fresh PhD students w.e.f. August 2020. Submitted for consideration by the Board.</p> <p>The Board approved the recommendation of the duly constituted Committee to allow Dr. Ramasastry to take fresh PhD students w.e.f. August 2020.</p>
B.O.G.20.40.18	Annual Report for the year 2019-20
Decision	<p>The Office of Dean R & D has prepared the text of the Annual Report 2019-2020 (excluding the Statement of Accounts), which was sent to all Members by email.</p> <p>The Board is requested to approve the draft report.</p> <p>The Board resolved that all Members may send their comments if any on the Annual Report to the Director within the next seven days, after which the Annual Report shall be deemed to be approved.</p>
B.O.G.20.40.19	Approval of Draft Recruitment Rules for IISERs pending with MHRD for its approval
Decision	<p>The draft Common Recruitment Rules for all IISERs were prepared by an MHRD constituted Committee and whose approval is awaited. The institute is having 54 non-teaching positions that are vacant for several years and it is felt essential to fill the posts at the earliest. Approval is requested for the Institute to use the draft Recruitment Rules (which has been prepared by the Committee and sent to MHRD) so that Institute recruitment process can be initiated.</p> <p>It is submitted for the consideration of the Board.</p> <p>The Board declined the request of the institute to use draft recruitment rules to initiate the process of recruitment. At the same time, the Board requested the representatives of MoE present to arrange for expediting the process of approval by the Ministry of the Common Recruitment Rules, so that the institute's working does not suffer and that the</p>



	recruitment process is initiated at the earliest in the Institute.
B.O.G.20.40.20	Allegations against Faculty and Staff of prima facie offences under Information Technology (IT) Act 2000, 2008
	<p>Prof. Kavita Dorai and Prof. Ramandeep Johal recused themselves from the discussion on this item.</p> <p>At the 39th BoG meeting held on 4.5.2020, the Board was requested to withdraw a part of the resolution that had been recorded in the 33rd meeting held on 29.8.2018, of prima facie acts of offences committed by the Director and named senior faculty and other employees under the IT Act 2000. This request for withdrawal had been based on two grounds (i) that due process had not been followed and (ii) that the alleged acts [of gaining access to an employee's (Registrar's) official emails by the employer (Director)] were per se not violative of the IT Acts 2000, 2008. The Board resolved that "the Institute is to seek independent legal opinion on whether the acts alleged to have taken place are not unlawful. The matter is to be put up at the next BoG meeting."</p> <p>Accordingly, the Institute has obtained the opinion of Mr. Shireesh Gupta, Advocate, in the matter, which is placed. As contained therein, his legal opinion states : "Keeping in mind the contents of the minutes of the 33rd meeting of the Board of Governors dated 29th August, 2018, as also the contents of the relevant sections of the Information Technology Act, 2000/2008, it is my considered legal opinion that prime facie the actions as outlined in the minutes of the meeting dated 29th August, 2018 would not fulfil the requirements of the relevant sections of the Information Technology Act, 2000/2008. It may be borne in mind that there is no information available as to how the information copied from the email of the Registrar was ultimately used/misused."</p> <p>The institute's submission of absence of criminal offence in the alleged actions is supported also by the fact that a criminal complaint filed by the Registrar in the matter was recorded as closed by the police with the conclusion that there is neither any proof of the hacking nor the complainant could produce any substantial proof or document to prove that, so no further action is required. Submitted for consideration.</p>



Decision	The Board noted the contents of the report of the Cyber Crime Cell Mohali, as also the independent legal opinion obtained. The Board resolved that the conclusions of the police report and the legal opinion are to be accepted and that no offence under the IT Act of hacking of e-mail in the Institute has been established.
B.O.G.20.40.21	Extension for Mr. Shireesh Gupta as Legal Advisor of IISER Mohali
Decision	<p>Mr. Shireesh Gupta has been serving as Legal Advisor of the Institute, and the tenure of his present appointment has expired on 30.6.2020.</p> <p>The Board is requested to approve the extension of tenure of Mr. Shireesh Gupta as Legal Advisor for two years @ Rs. 12000 per month.</p> <p>Submitted for consideration and approval of the Board.</p> <p>The Board approved the extension of Mr. Shireesh Gupta as Legal Advisor. It has also authorized the Director to take decisions directly on similar matters in future without needing to bring them to the Board.</p>
B.O.G.20.40.22	Approval of the MOU signed between MHRD and IISER Mohali for the year 2020-2021
Decision	<p>The draft MOU was sent to Members by email.</p> <p>The Board approved the MOU between the MHRD and IISER Mohali for the year 2020-21.</p>
B.O.G.20.40.23	Proposal for Empanelment of Paras Hospital, Panchkula for Healthcare Services on CGHS Chandigarh Rates.
Decision	<p>A proposal submitted by Paras Hospital on 07.07.2020 for Healthcare services on CGHS Chandigarh Rates for the IISER Mohali employees and dependents. The Hospital has offered the following services:-</p> <ol style="list-style-type: none"> 1. Offer I-OPD Services Latest CGHS Chandigarh Rates for all specialties. Terms on cash basis. 2. Offer –II-Hospitalization Services/Emergency Services Latest CGHS Chandigarh Rates for all specialties. Terms cashless on the basis of authorization letter only. <p>If approved, we may empanel the hospital to avail their services for providing cashless facility to IISER Mohali employees and dependents at CGHS rates. Submitted for consideration and Approval of the Board.</p> <p>The Board approved the empanelment of Paras Hospital, Panchkula for</p>



	Health Care Services on CGHS Chandigarh rates. It also encouraged similar empanelment of additional hospitals for the benefit of the employees of the institute.
Ratification	
B.O.G.20.40.24	Confirmation of the Faculty
	<p>A Meeting of all Deans Chaired by the Director IISER Mohali has been held on 28.07.2020 to confirm the following Faculty members. The Minutes of the Meeting for the confirmation has been annexed.</p> <ol style="list-style-type: none">1. Dr. Indrajit Lahiri, Assistant Professor, Biological Sciences2. Dr. Vaibhav Vaish, Assistant Professor, Mathematical Sciences3. Dr. Jotsaroop Kaur, Assistant Professor, Mathematical Sciences4. Dr. Raju Attada, Assistant Professor, Earth and Environmental Sciences5. Dr. Manabendra Nath Bera, Assistant Professor, Physical Sciences. <p>It is for the information of the Board.</p>
Decision	Ratified.
Reporting:	
B.O.G.20.40.25	MOU Performance Report 2019-2020
	<p>A performance Report for the year 2019-20 has been submitted to Ministry. This is for the information of the Board.</p>
Decision	Noted.
B.O.G.20.40.26	81 Pending Paras of Audit
	<p>A team of CAG visited the Institute in January 2019 and they sent various audit paras to the institute for necessary replies. There are 14 Audit paras for the year 2018-19 and in the same connection they have listed 67 pending paras of the years 2011 onwards. All these paras pertained to period before joining of the present Director and Registrar. The present Director and Registrar took cognizance of the paras and the replies to all the paras are being sent to CAG.</p> <p>Submitted for the Reporting of the Board.</p>
Decision	The Board noted the status of the pending Audit paras and urged the institute to get these paras settled at the earliest. The Chairperson



	requested Director (Finance), MoE to provide assistance on behalf of the Ministry as may be needed by the institute for the settlement of these paras.
B.O.G.20.40.27	Progress of HEFA loan application for construction of two new Hostels at IISER Mohali- reg
	<p>Proposal for Finance under HEFA Window-4 for construction of two new Hostels at IISER Mohali were accorded approval by MHRD on 07.04.2020. Subsequently, on 29.06.2020, the Institute applied for HEFA loan amounting to Rs 82.20 Crore with all relevant information as desired by HEFA. Thereafter, a Field Officer from the Head office of Canara Bank visited IISER Mohali on 24.07.2020 for verifications pertaining to load connection, Master Plan, water availability, area of the constructed buildings, students & staff strength, Architect profile, etc along with the mode of construction. The Field Officer also visited the entire campus and saw the site for the proposed new building of Hostels. In line with the details appended with the application form, HEFA on 28.07.2020 asked for further clarifications on certain issues and requested for documents such as BOG/ FC minutes, agendas, area calculation of two Hostels, detailed estimate as framed by CPWD on Plinth Area Rates, etc. All the relevant information as requested has been sent to HEFA.</p> <p>Submitted for the Reporting of the Board.</p>
Decision	Noted.
For Ratification:	
B.O.G.20.40.28	Inclusion of Prof. Arunava Sen in the panel of experts for recruitment of faculty in Humanities and Social Sciences (HSS)
	<p>The Board has earlier recommended expert panels for constitution of Selection Committees for faculty recruitments in different departments. On 29.7.2020, the Chairperson has approved the inclusion of Prof. Arunava Sen in the expert panel for HSS, whose Selection Committee meeting is proposed to be held on 12.08.2020. A brief write up on the expertise and achievements of Prof. Sen is enclosed as Annexure. Amongst other honors, he is also</p>



Decision	recipient of the Infosys Prize for 2012. Submitted for ratification by the Board. Ratified.																																		
B.O.G.20.40.29	Any Other Items with the Permission of Chair.																																		
B.O.G.20.40.29(1)	Items arising for the 41st Meeting of the Senate held on July 16, 2020																																		
Senate 20.41.20	Students under the BS-MS Dual Degree Program, fulfilling the requirements for the Award of Degree																																		
	The Senate recommended following 163 students for Award of the BS-MS Dual Degrees to the Board for its approval. MS 14 Batch																																		
	S. No.	Name	Reg. No.	Subject	CPI	1.	Harsh Pruthi	MS14003	MTH	5.8	2.	Manish Kumar Yadav	MS14055	CHM	6.1	3.	Ankui Kumar	MS14080	CHM	5.9	4.	Ravi Kumar	MS14087	CHM	5.6	5.	Goverdhan Gouri Laxmikant	MS14165	PHY	6.5	6.	Shubham Gajrani	MS14168	BIO	7.4
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	5.	Goverdhan Gouri Laxmikant	MS14165	PHY	6.5																														
	6.	Shubham Gajrani	MS14168	BIO	7.4																														
	</																																		



	15.	Misha Gupta	MS15020	PHY	9.4
	16.	Anjana R Kammath	MS15021	CHM	9.9
	17.	Inayat	MS15022	BIO	8.5
	18.	Jithin. R	MS15023	BIO	6.9
	19.	Afham	MS15024	PHY	8.7
	20.	Jahanvi	MS15025	PHY	7.0
	21.	Ashitha P P	MS15026	CHM	8.2
	22.	Abhay. P. S	MS15027	MTH	7.1
	23.	Aiswarya A S	MS15028	BIO	6.8
	24.	Sudha Yadav	MS15029	CHM	9.3
	25.	Rahul Babu	MS15030	BIO	7.9
	26.	Surendra Yadav	MS15031	BIO	8.0
	27.	Srishti	MS15032	BIO	8.6
	28.	Ahina Nandy	MS15033	MTH	8.5
	29.	Adarsh R	MS15036	CHM	8.5
	30.	Ajay Kumar	MS15039	BIO	6.1
	31.	Nahas K	MS15040	CHM	7.7
	32.	Parkar Vedit Suryakant	MS15041	CHM	7.3
	33.	Yash Rana	MS15042	PHY	9.8
	34.	Shreya D Kumar	MS15043	BIO	8.8
	35.	Joshi Pranav Vijay	MS15044	BIO	7.8
	36.	Rohit Negi	MS15045	BIO	7.0
	37.	Preeti	MS15048	CHM	6.2
	38.	Raj Kumar	MS15049	CHM	7.9
	39.	P Prathibha	MS15050	BIO	9.5
	40.	Vaibhav Pal	MS15051	CHM	8.8
	41.	Amisha Agarwala	MS15052	BIO	8.8
	42.	Amit Suthar	MS15053	PHY	9.1
	43.	Nimrat Kaur	MS15054	PHY	7.9
	44.	Aditya Krishna	MS15055	BIO	9.3
	45.	Athul R Ramesh	MS15056	BIO	6.6
	46.	Harikrishnan R	MS15057	CHM	9.0
	47.	Adeeb Mev	MS15058	PHY	8.3
	48.	Ramandeep Singh	MS15061	BIO	7.4



	49.	Jaskaran Singh	MS15062	BIO	8.1
	50.	Saurabh Nandkumar Ramteke	MS15063	CHM	6.9
	51.	Jasmeet Singh	MS15064	PHY	8.3
	52.	Nevil U Shah	MS15067	PHY	9.1
	53.	Ravinder Dhayal	MS15068	PHY	7.1
	54.	Deepu S	MS15069	PHY	8.3
	55.	Pushpinder Singh	MS15070	PHY	7.9
	56.	Ramsi Nilopher	MS15071	BIO	7.0
	57.	Mannathu Gopikrishnan	MS15074	PHY	7.3
	58.	Dhruv Mittal	MS15075	PHY	8.9
	59.	Lincoln	MS15076	CHM	8.9
	60.	Ankur	MS15078	PHY	8.3
	61.	Vivek Ashok Jadhav	MS15080	PHY	8.4
	62.	Asif Mohammed L	MS15081	PHY	6.6
	63.	Himanshu	MS15082	CHM	6.1
	64.	Satyam Prakash	MS15083	PHY	7.5
	65.	Shweta Mishra	MS15084	BIO	8.7
	66.	Rutik Manikandhan	MS15086	PHY	8.6
	67.	Megha	MS15087	CHM	7.6
	68.	Sandra Sajan	MS15088	PHY	7.7
	69.	Nitheesh S Pillai	MS15089	PHY	7.4
	70.	Amit Kumar	MS15090	BIO	7.3
	71.	Mohit Barsain	MS15091	BIO	7.0
	72.	Anargha Sai. K. K	MS15092	BIO	7.0
	73.	Ishan Sarkar	MS15094	CHM	8.1
	74.	Saurabh Bedi	MS15095	PHY	8.6
	75.	Piyush Sakrikar	MS15096	PHY	7.9
	76.	Ananya Ashim	MS15098	BIO	7.5
	77.	Jude Ann Vishnu	MS15099	PHY	8.1
	78.	R. Lakshmi	MS15100	MTH	7.8
	79.	Abhimanyu Bhardwaj (3 extra courses)	MS15101	BIO	7.7
	80.	Gokhul N	MS15102	MTH	6.7
	81.	Vidur Sury	MS15103	MTH	7.9
	82.	R. Ranjani	MS15104	PHY	9.5



83.	Khushmeet Kaur Dhaliwal	MS15105	PHY	9.1
84.	Sahil Kaushal	MS15106	CHM	6.8
85.	Bhavya	MS15107	BIO	8.5
86.	Deokate Nilesch Vilasrao	MS15108	BIO	8.3
87.	Sreelekshmi S R	MS15109	BIO	7.1
88.	Nikhil Tanwar	MS15111	PHY	9.5
89.	Dharm Singh Yadav	MS15112	CHM	7.3
90.	Prashant Kumar	MS15114	MTH	7.6
91.	Bhargesh Patel	MS15115	BIO	9.4
92.	Himanshu Dev	MS15116	PHY	7.5
93.	Athul Vijay V C	MS15117	CHM	7.7
94.	Himanshu Yadav	MS15119	MTH	7.3
95.	Raunak Dhar	MS15120	BIO	7.5
96.	Jigisha	MS15124	BIO	9.3
97.	Hayman Gosain	MS15125	PHY	9.8
98.	Lipika Pradeepkumar Taneja	MS15126	BIO	9.3
99.	Yogesh	MS15127	MTH	8.5
100.	Manujith K Michel	MS15129	MTH	8.4
101.	Arghadip Koner	MS15131	CHM	9.6
102.	Apoorv Gaurav	MS15133	PHY	8.3
103.	Sourabh Kumar Soni	MS15135	PHY	7.4
104.	Sayyed Imran Rashid	MS15139	BIO	8.1
105.	Sunandini Ramnarayanan	MS15143	BIO	9.5
106.	Ashish Varghese George	MS15144	MTH	7.5
107.	Farzana N	MS15145	BIO	6.9
108.	Ankita	MS15146	PHY	8.6
109.	Krishna Kanth T.G	MS15147	PHY	6.4
110.	Deepak Potyan Negi	MS15148	BIO	6.3
111.	Pankhuri Singhal	MS15149	BIO	9.0
112.	Kabeer Manali Rahul	MS15152	MTH	9.9
113.	Sapna Kumari Meena	MS15154	BIO	7.8
114.	Sohit Chobhiyal	MS15155	BIO	7.6
115.	Sveekruth Sheshagiri Pai	MS15156	BIO	8.7
116.	Prashant	MS15157	CHM	7.4



	117.	Ajit Kumar Sahoo	MS15158	BIO	8.5
	118.	Fidha Nazreen K M	MS15159	PHY	8.2
	119.	Aakanksha Meena	MS15161	CHM	6.8
	120.	Akshay P	MS15162	BIO	8.4
	121.	Shubham Ramle	MS15163	CHM	6.9
	122.	Sheetal Rani	MS15164	CHM	8.2
	123.	Sidharth Sh	MS15165	CHM	8.1
	124.	Bharadwaj Varma P K	MS15166	PHY	6.9
	125.	Lopamudra Das	MS15167	CHM	8.0
	126.	Sreelekshmi S A	MS15168	BIO	7.3
	127.	Nilangshu Bhattacharyya (1 extra course)	MS15169	MTH	9.2
	128.	Karthik T	MS15170	BIO	8.5
	129.	Sumith K K	MS15171	PHY	7.6
	130.	Rajesh Kumar Bajiya	MS15173	MTH	6.2
	131.	Asish Kumar Swain	MS15174	BIO	6.7
	132.	Paresh Nath Das	MS15175	BIO	7.7
	133.	Meghna Thakur	MS15176	BIO	7.5
	134.	Gaurav Singh	MS15177	PHY	9.2
	135.	Tinku	MS15178	PHY	8.7
	136.	Harpreet Kaur	MS15179	CHM	6.7
	137.	Himanshu Aggarwal	MS15180	BIO	8.4
	138.	Tisya Banerjee	MS15181	BIO	9.8
	139.	Simran Panda	MS15184	BIO	8.3
	140.	Akshay Menon P	MS15185	PHY	8.7
	141.	Dhanvin M Koundinya	MS15186	CHM	6.3
	142.	Nikhil S Sivakumar	MS15187	PHY	7.2
	143.	Sujata	MS15188	BIO	7.4
	144.	Manu. M	MS15190	MTH	7.0
	145.	Balashankar R	MS15192	BIO	8.7
	146.	Sandita Das	MS15193	CHM	8.4
	147.	Abhijith. K. B	MS15195	BIO	7.9
	148.	Pritam Saha	MS15196	BIO	7.4
	149.	Kale Milind Sanjay	MS15197	CHM	8.3
	150.	Debjit Ghosh	MS15199	PHY	8.7



	151.	Anubhav Jindal	MS15200	PHY	8.3
	152.	Ayush Tyagi	MS15202	PHY	6.7
	153.	Trirupa Tapas Chakraborty	MS15204	BIO	9.2
	154.	Chithra P. R	MS15205	CHM	8.0
	155.	Nimisha Krishnan	MS15206	PHY	7.7
	156.	Shubham Anand	MS15208	PHY	9.1
	157.	Swastik P G	MS15209	BIO	8.1
Decision	<p>On the recommendation of the Senate, it is submitted to the Board to accord its approval for awarding the BS-MS Dual Degree.</p> <p>On the recommendation of the Senate, the Board accorded its approval for awarding BS-MS Dual Degree to the above-mentioned students.</p>				
Senate 20.41.21	The following students of Integrated PhD programme have fulfilled the requirements for the award of MS Degree:				
Decision	<p>The Senate recommended following 05 students for Award of the MS Degree to the Board for its approval.</p> <ol style="list-style-type: none"> 1. Mr. Subhankar Pal, MP17006 2. Mr Jnanajyoti Bhaumik, MP17008 3. Mr. George Shaji, MP17009 4. Ms Shikha Bhutani, MP17011 5. Ms Shreya Sharma, MP17013 <p>On the recommendation of the Senate, it is submitted to the Board to accord its approval for awarding the MS Degree.</p> <p>On the recommendation of the Senate, the Board accorded its approval for awarding MS Degree to the above-mentioned students.</p>				
Senate 20.41.22	Students fulfilling the Requirements for Award of Ph.D. Degree				
	<p>The Senate recommended following 07 students for Award of the Ph.D. Degree to the Board for its approval.</p> <ol style="list-style-type: none"> 1. Ms Richa Singh, PH14008 				



Decision	<p>2. Ms Preetika Sharma, PH14043</p> <p>3. Ms Rashmi Jain, PH14203</p> <p>4. Mr Anup Kumar Srivastava, PH13046</p> <p>5. Ms Ruchi Tomar, PH14226</p> <p>6. Mr Swagatam Nayak, PH11097</p> <p>7. Mr. Naimat Kalim Bari, PH14210</p> <p>On the recommendation of the Senate, it is submitted to the Board to accord its approval for awarding the Ph.D Degree.</p> <p>On the recommendation of the Senate, the Board accorded its approval for awarding Ph.D. Degree to the above-mentioned students.</p>
Senate 20.41.36	Request of BS Student Mr Sayan Biswas(MS14075) for BS Exit
Decision	<p>The Senate approved the request of Mr. Sayan Biswas, MS14075 for BS Exit and to recommended to the Board to his name in the list of graduates.</p> <p>On the recommendation of the Senate, it is submitted to the Board to accord its approval for awarding the BS Degree.</p> <p>On the recommendation of the Senate, the Board accorded its approval for awarding BS Degree to Mr. Sayan Biswas, MS14075.</p>
B.O.G.20.40.29(2)	Items arising for the 42nd Meeting of the Senate held on August 14, 2020
Senate 20.42.04	Student under the BS-MS Dual Degree Program, fulfilling the requirements for the Award of BS-MS Degree
Decision	<p>The senate recommended the name of Mr. Sukhpal, MS14094 to the Board for awarding the BS MS Dual Degree</p> <p>On the recommendation of the Senate, it is submitted to the Board to accord its approval for awarding the BS-MS Dual Degree.</p> <p>On the recommendation of the Senate, the Board accorded its approval for awarding BS-MS Dual Degree to Mr Sukhpal, MS14094.</p>
Senate 20.42.05	Student fulfilling the requirements for award of MS and Ph.D. Degrees
	The Senate recommended following student for Award of the MS and Ph.D



Decision	<p>Degree to the Board for its approval.</p> <p>1. Ms Pooja Munjal, MP13014</p> <p>On the recommendation of the Senate, it is submitted to the Board to accord its approval for awarding the MS and Ph.D. Degree.</p> <p>On the recommendation of the Senate, the Board accorded its approval for awarding MS and Ph.D. Degree to MS Pooja Munjal, MP13014.</p>
Senate20.42.06	Students fulfilling the requirements for award of Ph.D. Degree
Decision	<p>The Senate recommended following 05 students for Award of the Ph.D Degree to the Board for its approval.</p> <p>1. Mr Bhishem, PH13030</p> <p>2. Ms Neha Kwatra, PH14017</p> <p>3. Mr Shubhendu Shekhar Khali, PH13018</p> <p>4. Mr Nityasagar Jena, PH14216</p> <p>5. Mr. Harpreet Singh, PH13049</p> <p>On the recommendation of the Senate, it is submitted to the Board to accord its approval for awarding the Ph.D. Degree.</p> <p>On the recommendation of the Senate, the Board accorded its approval for awarding Ph.D. Degree to the above-mentioned students.</p>
B.O.G.20.40.29 (3)	Item arising from the 34th Finance Committee held on 18.08.2020
F.C.20.34.18(1)	One-time rental concession for shops/outlets in campus
	<p>There has been a request from the tenants of the Shopping Center and other retail outlets in the campus for waiver of or concession in rentals in view of the lockdown situation with a majority of the student population not resident in the hostels. Approval is requested authorizing the Director as a one-time measure to take decisions on these requests on a case by case basis (depending on the extent to which an individual business may have been adversely affected).</p>



Decision	<p>As recommended by the Finance Committee, it is for the consideration and approval of the Board.</p> <p>On the recommendation of the Finance Committee, the Board accorded its approval to authorize the Director IISER Mohali for taking decision regarding one time rent concession for shops/outlets in the campus on a case by case basis. It has also authorized the Director to take decisions directly on similar matters in future without needing to bring them to the Board.</p>
F.C.20.34.18(2)	Approval for online teaching expenses on capital account to be met from Endowment funds
Decision	<p>There is a requirement to augment the online teaching capabilities for the forthcoming semester by creating recording facilities and procuring equipment and devices for use by the faculty. At the request of the Ministry of Education, a list of such expenditure was prepared and submitted to the Ministry, whose response is awaited. Since the requirement is now very urgent, approval is sought for the capital expenditure to be met from the Endowment funds of the institute. The estimated immediate cost is approximately Rs. 75 lakhs.</p> <p>As recommended by the Finance Committee, it is for the consideration and approval of the Board.</p> <p>The comments of Prof. Kavita Dorai were also taken in to account. On the recommendation of the Finance Committee and as also noted in the Decision for Agenda Item No. F.C.20.34.06, the Board accorded its approval for utilization from the JAC surplus funds of Rs.75 lakh towards capital expenditure for online teaching.</p>
B.O.G.20.40.29 (4)	Request of Chief Secretary Govt of Punjab for the Board to discuss DO letter dt. 07 August 2020 from Director General ICMR
	<p>At the request of the Chief Secretary, Govt of Punjab, the DO letter dt. 07 August 2020 from the Director General ICMR was laid on the Table .</p> <p style="text-align: right;">Annexure-III Page No.12-13</p>



	<p>Dr. Jatinder Arora raised the issue of COVID-19 testing facility in IISER Mohali, as desired by the Chief Secretary. The Director informed the Board that the Institute has completed fulfilment of all the requirements to seek ICMR's approval for the testing facility in the Institute with volunteer personnel, and the papers have been submitted to PGI for approval. The testing will be initiated as soon as the institute gets ICMR approval. The Director also raised the issue of manpower for testing, to which the Chairperson BoG, who is Secretary DBT responded that DBT has obtained approval to extend financial aid to hire manpower for COVID-19 testing in institutions such as IISER Mohali.</p> <p>Responding to the proposal of ICMR to shift RT-PCR equipment, the Chairperson suggested that as per the "Hub and Spoke" model proposed by DBT, there is no need to shift RT-PCR equipment; rather the institute can tie up with other institutes having such equipment to scale up the testing capacity as envisaged in the "Hub and Spoke" model. The Director assured that the institute has RT-PCR equipment, but if they require to upscale the testing volumes, the institute will seek to collaborate with other neighbouring institutes.</p>
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**Sd/-
Director
BOG, IISER Mohali**

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

**Sd/-
Chairperson
BOG IISER Mohali**

From: "Kavita Dorai" <kavita@iisermohali.ac.in>
 Subject: Re: Link for 40th BoG meeting of IISER Mohali 18.8.20
 Date: Tue, August 18, 2020 3:17 pm
 To: director@iisermohali.ac.in
 Cc: swarup@dbt.nic.in,director@iisermohali.ac.in,secy.dhe@nic.in,cs@punjab.gov.in,secretary-
 msme@nic.in,secy.dbt@nic.in,diroff@admin.iisc.ernet.in,director@iitrpr.ac.in,jsfa.edu@gov.in,"anil.k35
 <madhudikshit@thsti.res.in>,drmadhudikshit@gmail.com,rsdbhu@rediffmail.com,kavita@iisermohali.ac

Dear Prof Gowrishankar and Dr Jagdeep,
 please give Dr Swarup a printout of my inputs (written
 below) for FC and BoG since I am unable to log in.
 Thanks and warm regards
 Kavita

Dear Madam Chairperson,

I am unable to login to the FC or BoG meeting, the link is
 not working this time, although I had no issues the previous time.
 Anyway I am giving my written inputs on a few specific agenda
 items for your kind consideration.

1. FC 20.34.06: How much actual grant has the TBI received
 from DST since 2017 and how much has been the expenditure? Also,
 since the Endowment is the institute's nest egg and we would like
 to keep adding to it, cannot at least half the amount of 1.75 crores
 come from OH31 instead of wholly from Endowment?

2. FC 20.34.10: There seems to be a mismatch in the number being
 asked for FC to approve (2.27 crores), whereas actual number
 is 1.52 crores?? (Of 2.52, 1 crore is already with CPWD as stated).

3. FC 20.34.18(2): I think it is important to add a line that
 the money used for online teaching will be returned to the
 Endowment once funds from ministry arrive.

4. BOG 20.40.15: This item is to with CASH. I am currently a member
 of CASH and checked with the Convener CASH Dr Rachna Chaba, who
 informs me that she is still evaluating the merits and demerits of
 the UGC and Visakha guidelines and also going through the
 guidelines being followed by sister IISERs. So current CASH convener
 does not wish to adopt the UGC guidelines without a proper evaluation
 first.

Historically why CASH IISER Mohali is following Visakha Guidelines
 is because the first convener was Prof Somdatta Sinha a very senior
 academician and who has a long experience in these matters, made
 this decision. Which all later CASH have been following (I was also
 Convener a few years ago). During my discussion with the Convener, a
 suggestion arose for kind consideration: That the BoG may appoint a
 committee consisting of current convener and all previous conveners
 of CASH (there are only 3 or 4 including Prof Somdatta), who can
 meet online and evaluate both sets of guidelines and other
 documents and make a recommendation to the BoG in its next meeting.
 Prof Somdatta is retired but I am sure she will be willing to help
 the institute
 and CASH with this.

5. Under any other item: Madam Chairperson, I have been requested
 to convey by the CASH convener that there is a crying need for
 separate gender sensitization workshops for faculty staff and
 students as well as certification courses on gender awareness.

https://webmail.iisermohali.ac.in/src/printer_friendly_main.php?passed_ent_id=0&mailbox=INBOX&passed_id=67430&view_unsafe_images=

8/24/2020

Re: Link for 40th BoG meeting of IISER Mohali 18.8.20

She will be conveying detailed plans for all this as well as a webpage to publicize CASH activities to be hosted on the website. These details will very soon be communicated to the Director for approval from BoG. This is just an advance notification since an item related to CASH has come up in this BoG.

Thank you and warm regards
Kavita Dorai
(Professor member BoG)

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Dr. Kavita Dorai
Professor of Physical Sciences & Convener NMR Research Facility
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Phone : +91 172 2791024
Email: kavita@iisermohali.ac.in
Webpage: <http://www.iisermohali.ac.in/faculty/dps/kavita>

> Respected Sir/Madam,
>
> The 40th BoG meeting of IISER Mohali is scheduled to be held on
> 18.8.2020 at 3pm. The link for joining the meeting is given below:
>
> <https://global.gotomeeting.com/join/613506301>
>
> Access Code: 613-506-301
> New to GoToMeeting? Get the app now and be ready when your first
> meeting
> starts: <https://global.gotomeeting.com/install/613506301>
>
> Thank you,
>
> Sincerely,
> Amandeep Saini
> PS to Director
> IISER Mohali
>
>
>
>

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Dr. Kavita Dorai
Professor of Physical Sciences & Convener NMR Research Facility
Indian Institute of Science Education & Research IISER Mohali
Sector 81 SAS Nagar PO Manauli 140306 Punjab India
Phone : +91 172 2791024
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8/24/2020

Indian Institute of Science Education and Research - Mohali

Presentation to the 40th Meeting of the
Board of Governors
18 August, 2020



IISER MOHALI

Faculty ➤ 96 faculty



Departments

- Physics
- Chemistry
- Biology
- Mathematics
- Earth and Environmental Sciences
- Humanities and Social Sciences

Students

- 1000 students in the 5-year BS-MS program
- 600 Integrated PhD and PhD students

Indian Institute of Science Education and Research Mohali

Research achievements May – August 2020 ~ 40 publications (from PubMed index)



Sucrose-mediated heat-stiffening microemulsion-based gel for enzyme entrapment and catalysis.

Deshwal A, Chitra H, Maity M, Pal SK, Maiti S. Chem Commun (Camb). 2020 Aug 13. doi: 10.1039/d0cc04294c. C

DNA demethylation overcomes attenuation of colchicine biosynthesis in an endophytic fungus Diaporthe. P, B

Deepika VB, Vohra M, Mishra S, Dorai K, Rai P, Satyamoorthy K, Murali TS. J Biotechnol. 2020 Aug 1;323:33-41. doi: 10.1016/j.jbiotec.2020.07.019.

Theory of coherent averaging in magnetic resonance using effective Hamiltonians. C

Garg R, Ramachandran R. J Chem Phys. 2020 Jul 21;153(3):034106. doi: 10.1063/5.0012892

A theoretical perspective on the suitability of bimodal Floquet theory in the description of heteronuclear decoupling in solids. C

Garg R, Ramachandran R. J Chem Phys. 2020 Jul 21;153(3):034105. doi: 10.1063/5.0012894.

Micellar liquid chromatographic green enantioseparation of racemic amino alcohols and determination of elution order. C

Alwera V, Sehlangia S, Alwera S. Biomed Chromatogr. 2020 Jul 24:e4954. doi: 10.1002/bmc.4954

Microrheology to probe smectic clusters in bent-core nematic liquid crystals.

Paladugu S, Kaur S, Mohiuddin G, Pujala RK, Pal SK, Dhara S. Soft Matter. 2020 Jul 24. doi: 10.1039/d0sm00796j. P, C*

Investigating the pathogenic SNPs in BLM helicase and their biological consequences by computational approach. B

Alzahrani FA, Ahmed F, Sharma M, Rehan M, Mahfuz M, Baeshen MN, Hawsawi Y, Almatrafi A, Alsagaby SA, Kamal MA, Warsi MK, Choudhry H, Jamal MS. Sci Rep. 2020 Jul 23;10(1):12377. doi: 10.1038/s41598-020-69033-8.

Optimal performance of a three-level quantum refrigerator. P*

Singh V, Pandit T, Johal RS. Phys Rev E. 2020 Jun;101(6-1):062121. doi: 10.1103/PhysRevE.101.062121.

Physics-enhanced neural networks learn order and chaos.

Choudhary A, Lindner JF, Holliday EG, Miller ST, Sinha S, Ditto WL. Phys Rev E. 2020 Jun;101(6-1):062207. doi: 10.1103/PhysRevE.101.062207. P

Precursor- and Time-Dependent Morphological Evolution of ZnO Nanostructures for Comparative Photocatalytic Activity and Adsorption Dynamics with Methylene Blue Dye. C

Thakur S, Mandal SK. ACS Omega. 2020 Jun 29;5(27):16670-16680. doi: 10.1021/acsomega.0c01555.

- Palladium-Catalyzed Intramolecular Alder-Ene Type Cycloisomerization Reactions. C
Yadav S, Ramasastry SSV. *Chem Asian J.* **2020 Jul 15**. doi: 10.1002/asia.202000683.
- Does the hygiene hypothesis apply to COVID-19 susceptibility? B*
Schravatt S, Rouse BT. *Microbes Infect.* **2020 Jul 9**:S1286-4579(20)30127-1. doi: 10.1016/j.micinf.2020.07.002.
- Quantum double-double-slit experiment with momentum entangled photons. P
Kaur M, Singh M. *Sci Rep.* **2020 Jul 10**;10(1):11427. doi: 10.1038/s41598-020-68181-1.
- Ultrafast Excited-State Dynamics of Tricarbocyanine Dyes Probed by Two-Dimensional Electronic Spectroscopy: Polar Solvation vs Photoisomerization. C
Silori Y, Seliya P, De AK. *J Phys Chem B.* **2020 Aug 6**;124(31):6825-6834. doi: 10.1021/acs.jpcc.0c01333.
- Probe into a multi-protein prokaryotic organelle using thermal scanning assay reveals distinct properties of the core and the shell. B, C
Bari NK, Hazra JP, Kumar G, Kaur S, Sinha S. *Biochim Biophys Acta Gen Subj.* **2020 Oct**;1864(10):129680. doi: 10.1016/j.bbagen.2020.129680.
- Unravelling the Role of Water in Ultrafast Excited-State Relaxation Dynamics within Nano-Architectures of Chlorophyll a. B, C
Silori Y, Chawla S, De AK. *Chemphyschem.* **2020 Jul 3**. doi: 10.1002/cphc.202000487.
- Advent of extreme events in predator populations. P, B
Chaurasia SS, Verma UK, Sinha S. *Sci Rep.* **2020 Jun 30**;10(1):10613. doi: 10.1038/s41598-020-67517-1.
- A Forward Genetic Approach to Mapping a P-Element Second Site Mutation Identifies DCP2 as a Novel Tumor Suppressor in *Drosophila melanogaster*. B
Mishra R, Kunar R, Mandal L, Alone DP, Chandrasekharan S, Tiwari AK, Tapadia MG, Mukherjee A, Roy JK. *G3 (Bethesda).* **2020 Aug 5**;10(8):2601-2618. doi: 10.1534/g3.120.401501.
- Ferroelectric Instability Induced Ultralow Thermal Conductivity and High Thermoelectric Performance in Rhombohedral p-Type GeSe Crystal. P, C*
Sarkar D, Ghosh T, Roychowdhury S, Arora R, Sajjan S, Sheet G, Waghmare UV, Biswas K. *J Am Chem Soc.* **2020 Jul 15**;142(28):12237-12244. doi: 10.1021/jacs.0c03696.
- Fatty acid β -oxidation is required for the differentiation of larval hematopoietic progenitors in *Drosophila*. B*
Tiwari SK, Toshniwal AG, Mandal S, Mandal L. *Elife.* **2020 Jun 12**;9:e53247. doi: 10.7554/eLife.53247.
- Modulation of hydrophobicity inside the cavity of molecular rectangles self-assembled under ambient conditions. C
Khullar S, Mandal SK. *Chem Commun (Camb).* **2020 Jul 21**;56(57):7913-7916. doi: 10.1039/d0cc02379e.

- Global trends in pesticides: A looming threat and viable alternatives. E
Sharma A, Shukla A, Attri K, Kumar M, Kumar P, Sutttee A, Singh G, Barnwal RP, Singla N. *Ecotoxicol Environ Saf.* **2020 Sep 15**;201:110812. doi: 10.1016/j.ecoenv.2020.110812.
- Nanocrystalline Ag₃PO₄ for Sunlight- and Ambient Air-Driven Oxidation of Amines: High Photocatalytic Efficiency and a Facile Catalyst Regeneration Strategy. C*
Garg R, Mondal S, Sahoo L, Vinod CP, Gautam UK. *ACS Appl Mater Interfaces.* **2020 Jul 1**;12(26):29324-29334. doi: 10.1021/acsami.0c05961.
- Excitation Energy Migration Unveils Fuzzy Interfaces within the Amyloid Architecture. B, C*
Majumdar A, Das D, Madhu P, Avni A, Mukhopadhyay S. *Biophys J.* **2020 Jun 2**;118(11):2621-2626. doi: 10.1016/j.bpj.2020.04.015.
- Persistence in Brownian motion of an ellipsoidal particle in two dimensions. P
Ghosh A, Chakraborty D. *J Chem Phys.* **2020 May 7**;152(17):174901. doi: 10.1063/5.0004134.
- Measurement of R(D) and R(D⁰/*) with a Semileptonic Tagging Method. P
Caria G, et al; Belle Collaboration. *Phys Rev Lett.* **2020 Apr 24**;124(16):161803. doi: 10.1103/PhysRevLett.124.161803.
- The post-synaptic scaffolding protein tamalin regulates ligand-mediated trafficking of metabotropic glutamate receptors. B*
Pandey S, Ramsakha N, Sharma R, Gulia R, Ojha P, Lu W, Bhattacharyya S. *J Biol Chem.* **2020 Jun 19**;295(25):8575-8588. doi: 10.1074/jbc.RA119.011979.
- High and reversible oxygen uptake in carbon dot solutions generated from polyethylene facilitating reactant-enhanced solar light harvesting. C*
Mondal S, Karthik PE, Sahoo L, Chatterjee K, Sathish M, Gautam UK. *Nanoscale.* **2020 May 21**;12(19):10480-10490. doi: 10.1039/d0nr00266f.
- Hydrosilylation of Carbonyls Catalyzed by Hydridoboronium Borate Salts: Lewis Acid Activation and Anion Mediated Pathways. C
Rawat S, Bhandari M, Porwal VK, Singh S. *Inorg Chem.* **2020 May 18**;59(10):7195-7203. doi: 10.1021/acs.inorgchem.0c00646.

Small Conformational Changes Underlie Evolution of Resistance to NNRTI in HIV Reverse Transcriptase.
Srivastava A, Birari V, Sinha S. *Biophys J*. **2020 May** 19;118(10):2489-2501. doi: 10.1016/j.bpj.2020.04.008.

B*

Anisogamy selects for male-biased care in self-consistent games with synchronous matings.
Iyer P, Shukla A, Jadhav V, Sahoo BK. *Evolution*. **2020 Jun**;74(6):1018-1032. doi: 10.1111/evo.13969.

B

Ring-Opening/Recyclization Cascades of Monoactivated Cyclopropanes.
Mishra UK, Patel K, Ramasastry SSV. *Org Lett*. **2020 May** 15;22(10):3815-3819. doi: 10.1021/acs.orglett.0c01056.

C

High hole mobility in room temperature discotic liquid crystalline tetrathienanthracenes.
Bala I, De J, Gupta SP, Singh H, Pandey UK, Pal SK. *Chem Commun (Camb)*. **2020 May** 27;56(42):5629-5632. doi: 10.1039/d0cc01226b.

C

How Much Does Large-Scale Crop Residue Burning Affect the Air Quality in Delhi?
Kulkarni SH, Ghude SD, Jena C, Karumuri RK, Sinha B, Sinha V, Kumar R, Soni VK, Khare M. *Environ Sci Technol*. **2020 Apr** 21;54(8):4790-4799. doi: 10.1021/acs.est.0c00329.

E*

Chiral Bent-Shaped Molecules Exhibiting Unusually Wide Range of Blue Liquid-Crystalline Phases and Multistimuli-Responsive Behavior.
Punjani V, Mohiuddin G, Kaur S, Choudhury AR, Paladugu S, Dhara S, Ghosh S, Pal SK. *Chemistry*. **2020 May** 7;26(26):5859-5871. doi: 10.1002/chem.201905707.

P, C*

Galectin-3 as a modifier of anti-microbial immunity: Unraveling the unknowns.
Sehrawat S, Kaur M. *Glycobiology*. **2020 Jul** 20;30(7):418-426. doi: 10.1093/glycob/cwaa005.

B*

Department of Biological Sciences

In the Nature index ranking, IISER Mohali ranked 2nd among all the academic institutions in India in the field of Life Sciences in the year 2020

- Dr. Indrajit Lahiri has been awarded the prestigious DBT/Wellcome Trust-India Alliance Intermediate Fellowship, starting from January 2021. **(This is the 9th DBT-Wellcome Trust Fellowship grant to the Institute in the last 10 years.)**
- Dr. Samarjit Bhattacharyya has been appointed to the Editorial Board of Journal of Neurochemistry, starting in January, 2021.



Fat content in a non fat tissue: Lipid droplets visualized by Nile-red staining (yellow), in the blood progenitors marked (cyan), nucleus (magenta) (eLife digest of the paper by Dr. Lolitika Mandal's group)

Department of Chemical Sciences

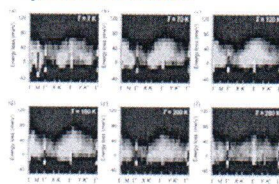
Dr. Debrina Jana has been selected as a Community Board Member of Nanoscale Horizons (RSC)

Total No. of Publications: 20 (during April, 2020 - present)

Department of Physical Sciences

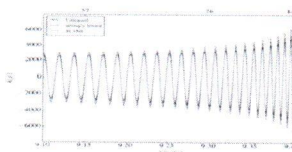


Book by Dr. Anosh Joseph



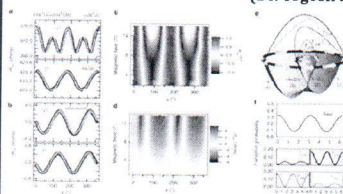
Magnetic excitation spectrum of a spin-liquid material Na₂IrO₃

Paper in Physical Review X
(Dr. Yogesh Singh)



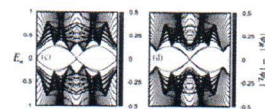
Considering gravitational lensing by stars, white dwarfs and black holes, it is shown that lensing effect is wavelength dependent.

Paper in MNRAS (Prof. Jasjeet Bagla)



Anisotropic magnetoresistance and planar Hall effect at interface of LaVO₃ and KTaO₃

Paper in Nature Communications
(Dr. Yogesh Singh)



Topological transitions due to proximity of metal and superconductor layers.

Paper in Phys. Rev B (Dr. Sanjeev Kumar group, with MS student as lead author)

Department of Mathematical Sciences

- Department of Mathematical Sciences has been selected for DST-FIST Level-1 grant for a period of five years.
- Dr. Mahender Singh has been awarded Swarna Jayanti Fellowship 2018-19.
- Vaibhav Vaish, published a paper in Manuscripta Mathematica (2020).
- Varadharaj R. Srinivasan published a paper in Journal of Algebra 550 (2020)

Department of Earth and Environmental Sciences

- Dr. Sunil Patil was appointed guest editor or Special issue on "Microbial Electrochemical Technologies" in the journal Bioresource Technology Reports, Elsevier (2019)
- Dr. Baerbel Sinha was appointed to the Scientific Steering committee for the International Global Atmospheric Chemistry (IGAC) second tropospheric ozone assessment report (TOAR-II) under the umbrella of the Future Earth Project.
- Dr. Sunil's 2019 paper in Applied Energy won the highly cited paper awards of the journal.

The department (with only 5 permanent faculty members) also managed to rank 10th on the 2020 Earth and Environmental Science Nature index of Academic Institutions in India.

Department of Humanities and Social Sciences

- Dr. Parth R. Chauhan's group has published a paper on 'A rare depiction of a butchering scene in the rock paintings of Maser in Madhya Pradesh, India' in Antiquity Project gallery (2020).
- Dr Anu Sabhlok has been invited to serve on the Editorial Board of the journal *Dialogues in Human Geography* (2020)

Recent Grants

11 MHRD-STARS grants for the faculty members at IISER Mohali.

IISER Pune and IISER Mohali (Prof. Arvind and other faculty colleagues) have been selected, respectively, as hub and possible spoke for establishment of a Technology Innovation Hub in 'Quantum Technologies', under the National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS), of Department of Science & Technology (with budget of ~ Rs 90 crore for 5 years).

Recent Patent Applications

- Dr. Ujjal K Gautam: Palladium nanoparticles (Pd NPs) and method of preparing the same (India).
- Dr. K. P. Singh, M. S. Sidhu and B. Kumar: Nanoprocessing and heterostructuring of silk (PCT).

Indian Institute of Science Education and Research Mohali

Teaching through the COVID-19 pandemic



*Acknowledgement to contributions of all faculty, and especially
Prof J S Bagla (Dean Academics), Dr Anu Sabhlok (Dean Students)*

For the Academic Year recently ended (2019-20)

- 80% of students had gone home for mid-semester break in March; ~ 300 students remained in Hostels throughout the lockdown period
- From March, online teaching was conducted for 98% of the semester's 80 theory courses, continuing until 29 May
- Many laboratory courses operated in the online demonstration mode. In some cases simple experiments that could be done at home were suggested to students
- Faculty members reached out to students via e-mail, social media, sms, whatsapp messages, etc
- Grading for the January- May 2020 semester was done on the basis of evaluation done during January – March. As we follow a continuous evaluation system, adequate data existed to evaluate performance of students in ongoing courses
- Students who are dissatisfied with these grades will be provided an opportunity to take an exam
- The summer semester courses were converted to self study courses and exams have been held online
- 5th year students were permitted to submit MS thesis online. Evaluation was also done online. Students were given additional time as a one time measure for submission of thesis
- PhD students were permitted to submit thesis online. Online viva-voce was permitted
- The Senate, as a one time measure, permitted a one semester extension to PhD students who were close to the end of their maximum allowed tenure of 8 years

For the Academic Year recently ended (2019-20):

Date of (online) Convocation – 20 August 2020

(Chief Guest : Prof Gagandeep Kang)

1. Number of PhD viva-voce completed during lockdown period: 20
2. Number of PhD students graduating this year: 49
3. Number of Int.PhD students graduating with MS+PhD: 7
4. Number of Int.PhD students exiting the program with an MS degree: 6
5. Number of BS-MS dual degrees being awarded: 178
6. Number of BS degrees (BS exit) being awarded: 1

For the Monsoon Semester of the coming Academic Year (Aug – Dec 2020)

- Students who live in remote areas without any network access have been identified with the help of student representative council (SRC) and they will be permitted to join online classes from the hostel. Close to 100 students fall in this category out of a total 550 students in these batches.
- The senate has approved a plan for working online for teaching and evaluation. Institute is organizing lectures on pedagogical methods, is setting up lecture rooms for recording of lectures, and is providing accessories. Average number of 40-minute classes for a student per day (5 days per week) = 4.
- Institute has subscribed to video conferencing facilities with linkage to course management systems.
- Institute is only allowing students involved in research and those without network access to come back at present. More than 200 students have so far been provided 14-day quarantine facility in the guest house before being shifted to the hostel. New students in Int.PhD and PhD programs are being offered flexibility in joining and submitting certificates.
- The senate has also approved an academic calendar that accounts for late joining by the MS20 batch (teaching to begin January 2021), so that their teaching is fully aligned with other batches by the monsoon semester 2021.

For the Monsoon Semester of the coming Academic Year (Aug – Dec 2020)

Subject to approvals from the FC and the BoG :

- The senate has recommended that students may be allowed to pay fees over a six month period if they are facing financial hardships.
- The senate has recommended that students who are joining classes from home and allow access to their hostel rooms may not be charged hostel fees, electricity charges, etc. It is expected that this will allow students to invest in better data plans for connecting to online teaching.
- Institute senate has recommended that PhD students currently enrolled and receiving fellowship be given 3 months of additional financial support if they are unable to complete their thesis in five years from the date of registration.
- Institute senate has recommended a merit-cum-means fellowship for BS-MS students who are not receiving any other fellowship.
- Capital expenditure to facilitate online teaching (recording equipment, accessories for faculty etc) is proposed to be met from the Endowment funds.
- *(Rent concession for Shopping Centre and other outlets on the campus)*

Expenditure statement

01-04-2020 to 31-07-2020

Rs. In lakhs

Particulars	Opening Balance	Grant-In-Aid	Total Available (Incl. Opening Balance)	Expenditure	Balance
A. General OH-31	334.84	1235.00	1569.84	1097.76	472.08
B. Capital OH-35	509.20	200.00	709.20	574.30	134.90
C. Salary OH-36	1003.07	1105.00	2108.07	1231.88	876.19
Total (A+B+C)	1847.11	2540.00	4387.11	2903.94	1483.17

Covid-19 diagnostic testing at IISER-Mohali

- To be initiated at the Institute this week, with faculty and student volunteers of Biology Department
- Govt of Punjab has deputed a medical microbiologist (Dr Shiwani Sharma) for the purpose
- Infrastructure set up is complete, including BSL-2 containment facility and certification of equipment calibration
- Volunteer personnel have been trained (at PGI, Chandigarh)
- Request for ICMR approval has been submitted
- Consumable for ~30 days' testing have been purchased with Ministry of Education funds; diagnostic test kits to be provided by ICMR
- Capacity at present is for 100 tests/day. Project manpower funds may be provided through DBT (needed since faculty and student volunteers would begin their academic commitments after monsoon semester opens)



प्रोफेसर (डा.) बलराम भार्गव, पद्म श्री

एमडी, डीएम, एफआरसीपी (जी.), एफआरसीपी (ई.), एफएसीसी,
एफएएचए, एफएमएस, एफएनएस, एफएससी, एफएनए, डी.एस.सी.

सचिव, भारत सरकार

स्वास्थ्य अनुसंधान विभाग
स्वास्थ्य एवं परिवार कल्याण मंत्रालय एवं
महानिदेशक, आई सी एम आर

Prof. (Dr.) Balram Bhargava, Padma Shri

MD, DM, FRCP (Glasg.), FRCP (Edin.),
FACC, FAHA, FAMS, FNASc, FASc, FNA, DSc

Secretary to the Government of India

Department of Health Research
Ministry of Health & Family Welfare &
Director-General, ICMR



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स्वास्थ्य अनुसंधान विभाग

स्वास्थ्य एवं परिवार कल्याण मंत्रालय

भारत सरकार

वी. रामलिंगस्वामी भवन, अंसारी नगर

नई दिल्ली - 110 029

Indian Council of Medical Research

Department of Health Research
Ministry of Health & Family Welfare
Government of India

V. Ramalingaswami Bhawan, Ansari Nagar
New Delhi - 110 029

D.O NO. R.15015/01/2020-HR

7th August, 2020

Dear *Madame,*

This is in reference to the DO letter No. C80/2020/595 dated 4th August received from Govt. of Punjab as a response to the DO No.1826174/Secy (HFW)/2020 dated 22nd July 2020 from Secretary, Department of Health and Family welfare. The letter from DHFW was on strengthening testing centres for COVID-19 with collaborative efforts from various departments under the Union Government through Hub and Spoke model in consultation with Department of Biotechnology.

2. With respect to the issues raised in the above mentioned D.O, the following action has been taken/ is suggested

- Indian Institute of Science and Educational Research (IISER), Mohali was contacted and advised to approach the mentor institute, ie PGIMER, Chandigarh for approval for testing COVID-19 samples.
- Institute of Microbial Technology (IMTECH), Chandigarh has so far tested more than 5000 samples. An arrangement has been worked out for training of IMTECH personal engaged in the COVID-19 testing at Translational Health Science and Technology Institute (THSTI), Faridabad to enhance the capacity of the lab personal for greater accuracy.
- It has been informed that Punjab University has not been testing due to shortage of trained personnel, therefore, it is suggested that RTPCR from this

university may be shifted to any other testing lab in Punjab. This will lead to enhancement in daily testing capacity.

3. As on 6th August, State of Punjab has total of 38 approved labs (31 Govt and 7 Private) with a total testing Capacity approx 10,000 samples. The average tests conducted per day is approx 9500. The following steps may be taken to increase the COVID-19 testing capacity of the State.

a) Three private medical colleges which are presently not testing, need to be on boarded for COVID-19 testing (List attached).

b) Also action may be taken for temporary deployment of additional RT-PCR machines to the testing centres from educational and Research institutions. An indicative list of Institutions having RT-PCR machines is also annexed. A letter in this regard has already been sent to Department of Health and Family Welfare, Punjab (D.O No. R.15015/01/2020-HR(Pt.II) on 22nd July.

c) Rapid Antigen testing may also be scaled up.

4. Further it is reiterated that, ICMR has recently supported Virology Department of Post Graduate Institute of Medical Education and Research, Chandigarh with a high-throughput RNA extraction platform using which the laboratory will be able to augment their capacity upto 1500 tests per day. You are advised to make optimum utilization of the COVID-19 testing laboratory of PGIMER, Chandigarh.

With regards,

Yours sincerely



(Balram Bhargava)

To

Principal Secretary, Health Govt. Of Panjab

Copy to

Secretary, Department of Health and Family Welfare

Secretary, Department of Biotechnology

Secretary, Department of Higher Education

Secretary, Department of Scientific and Industrial Research