भारतीय प्रौद्योगिकी संस्थान जोधपुर INDIAN INSTITUTE OF TECHNOLOGY JODHPUR



अभिशासक मंडल BOARD OF GOVERNORS

कार्यवृत्त MINUTES OF 27th MEETING

8th October 2021 (Friday) 11:00 A.M. Board Room, IIT Jodhpur

This page is left blank, intentionally

Indian Institute of Technology Jodhpur

Board of Governors



Minutes of 27th Meeting

8th October 2021 (Friday), 11:00 A.M. Board Room/ Webex, IIT Jodhpur

The following Members were present/ attended through Video-conferencing:

Dr. R. Chidambaram, Former PSA to Govt. of India	Chairman		
Prof. Santanu Chaudhury, Director, IIT Jodhpur	Ex-officio Member		
Prof. N. S. Shekhawat, Former Professor, JNVU, Jodhpur	Member		
Prof. Sampat Raj Vadera, Deputy Director, IIT Jodhpur	Member		
Prof. Surajit Ghosh, Dean (R&D), IIT Jodhpur	Member		
Sh. N.L. Meena, Secretary, Higher & Technical Education, Govt. of	Member		
Rajasthan			
Sh. P.G. Basak, Advisor (Admin.) & Offg. Registrar	Secretary		
The following members were not present			
Sh. Rakesh Ranjan, Additional Secretary (TE), Ministry of Education, *	Member		
Sh. Anil Bhavarlal Jain, MD & CEO, Jain Irrigation, Jalgaon	Member		
Prof. Akhil R. Garg, Professor, JNVU, Jodhpur**	Member		

^{*}The Ministry of Education had issued the Comments on the Agenda vide letter No. F.No.12-8/2018-TS.1 (pt.1) dated 08.10.2021, and the same was considered in the Meeting.

The following are the decisions of the BoG on the items of the Agenda:

S.No.	Items						
27.1	1 WELCOME BY THE CHAIRMAN The Chairman, BoG, welcomed all the members of the Board of Governors and						
	recalled the visit of Sh. M. Venkaiah Naidu, the Hon'ble Vice President of India, to						
	the Institute on 28 September 2021 and appreciated the efforts made by the						
	Institute for successfully conducting the event. Then, the Chairman called the						
	meeting in order.						
27.1.1	7.1.1 To Confirm the Minutes of 26 th Meeting of the Board of Governor held on 1 July 2021 at Board Room, IIT Jodhpur.						
	The Board confirmed the Minutes of the 26 th Meeting of the Board of Governors held						
	on 1 July 2021, as circulated.						

^{**}Prof. Akhil R. Garg, Member, BoG, was granted leave of absence as he had intimated his inability to attend the meeting due to pre-occupancy.

27.1.2 Presentation by the two faculty members on their research work /accomplishments before the BoG.

As per the decision of the BoG taken in its 24th Meeting held on 5.12.2020, the following two Faculty Members of the Institute made presentation before the BoG about their research work:

Dr. Kaushal A. Desai

Dr. Kaushal A. Desai, Associate Professor, Department of Mechanical Engineering, presented research activities of the Automated Manufacturing Research group at Department of Mechanical Engineering, IIT Jodhpur. The presentation highlighted research expertise and facilities available with the group, focusing on three major research domains; CAD/CAM and CNC Machine Tools; Technologies for Smart Manufacturing and Industry 4.0 and; New Product Design and Development. The outcomes of the recently completed SERB project on developing physics-based error control approaches during CNC milling of thin-walled components were presented. The ongoing projects on transforming legacy equipment into a Smart Manufacturing framework and developing vision-based solutions for inspection applications (in collaboration with local MSME and National Mission on Cyber-Physical Systems) were also presented. The ongoing work about the development of indigenous medical devices was presented.

The Chairman, BoG, asked Dr. Desai to explore the possibility of linking with Research groups working on Medical technologies /medical devices to benefit society at large from new inventions in medical technologies.

The BoG appreciated the research work and advised collaboration of activities with the groups in other IITs. The Chairman also emphasized establishing collaborative platforms to accelerate medical device development activities in the country, and IIT Jodhpur may lead the initiative.

The Director seconded Chairman, BoG, and felt the need to develop and manufacture medical devices in India, as most medical devices /technologies are being imported by the Country.

The BoG appreciated the research work presented by Dr. Desai.

2. Dr. Sushmita Jha

Dr Sushmita Jha, Associate Professor in the Department of Bioscience and Bioengineering, presented her research titled "Retro-engineering of Brain tumours for Personalized medicine". Dr. Jha explained that her research work at IITJ focuses on understanding innate immunity, inflammation, and tumor biology in brain tumour (glioma) pathogenesis and inflammatory pathways at the nano-bio interface utilizing 1) mini tumours created in the laboratory from patient samples 2) cell culture 3) omics approaches 4) microscopy. Dr. Jha's presentation talked about the multipronged data-driven and experimental approaches utilized to elucidate a novel biomarker for glioblastoma prognosis and identify novel cellular and molecular pathways of inflammation in the brain. Dr. Jha briefed the BoG that she has collaborated with colleagues within the Institute across Departments, Institutes in India, and abroad to innovate transdisciplinary approaches. The BoG members appreciated the research work and congratulated her on tackling a challenging disease.

The Chairman, BoG, requested Prof. N.S. Shekhawat, Member, BoG, to share his views on the presentation made by Dr. Jha. Prof. Shekhawat suggested advancing her research using Cell Culture from native plants to treat disease(s) as many countries use this technique.

The Chairman, BoG, and Members appreciated the presentations made by Dr. Desai and Dr. Jha.

27.2 INSTITUTE REPORT BY THE DIRECTOR

The Director presented the Institute Report before the Board of Governors as below:

The Board of Governors was apprised that the number of Academic Programs of IIT Jodhpur will reach **66 (+1 proposed)** from **21** Academic Programs in AY 2018-19 and new programs (i) 3 years M.Tech. (ii) M.Tech. Executive DCS and (iii) Doctoral Program in Artificial Intelligence and Data Science will be offered from AY 2021-22. The Program-wise Student strength in AY 2021-22 of 2618.

The Director also apprised the BoG that the Institute is offering M. Tech. programmes with Cognizant in Data and Computational Science and presently 120 engineers enrolled in the programs.

Implementation of National Education Policy (NEP) by the IIT Jodhpur

The Director briefed the BoG about ongoing plan for implementation of NEP by IIT Jodhpur as below:

- A multi-entry, multi-exit programme leading to Certificate, Diploma and Degree (M.Tech) in
 - Virtual and Augmented Reality
 Is being planned to be offered jointly by faculty from IITJ, IITD, IITB and and other Institutions under the aegis of iHub-Drishti.
- Multiple exit and course options implemented in B.Tech.
 - · Exit with B.Sc. in Engineering Science
 - Switch to B.Tech. in Engineering Science
 - Option Branch change twice (at the end of first year and Second year)
 - Double Degree Engineering Science + Discipline (With additional credits)
 - Option of choosing B.Tech.-M.Tech. OR B.Tech.-MBA Dual Degree at the end of three years
 - Provision for Capability Linked Minor areas and Specialisations

The Director further briefed the BoG that new B.Tech. Admission is likely to happen in November 2021, and classes are likely to start from the 1st week of December 2021.

The BoG was also briefed that faculty strength reached 201 compared to 129 in March 2020, including Professor, Associate Professor, Assistant Professor, Visiting Professor, Professor of Practice, Professor on deputation, Young Faculty Associates and Offered.

The progress of R&D Projects was also apprised, and the Director briefed the BoG that the new R&D Projects and Grant is currently lower, but Institute will likely to get more projects and grants during Feb-March 2022. Fund Analysis regarding RE 2020-21, Fund received from MoE, actual expenses, and fund Sources was also apprised to the Board.

Convocation Plan

The Director briefed the BoG that the Institute is planning for the 7^{th} Convocation of the Institute either on 15/16/17 December 2021. He briefed the BoG that Convocation will be organized in the Hybrid mode in which a limited number of students will be allowed physically, and the rest will attend online.

The Director further apprised the BoG that the Institute is pursuing to have Hon'ble Education Minister, MoE, Govt. of India, as the Chief Guest of the Convocation.

The BoG noted the same.

Honoris Causa Doctoral Degree

The Director briefed the Board of Governors that Honoris Causa Doctoral Degree is the most distinguished honor the Institute can bestow on an individual. This honour is to be conferred on a distinguished person who has consistently made outstanding contributions over a considerable period of time in the pursuit of knowledge and achievements in human progress, mainly in the Academic and/or Research environment in the field of Science, Technology, Humanities, and Social Sciences.

But, IIT Jodhpur has no provision of conferment of the Honoris Causa Doctoral Degree, and the Institute is proposing to frame the guidelines for the Honoris Causa Doctoral Degree.

The Chairman and members of the BoG was in opinion that the IIT Jodhpur should have the provision of conferment of Honoris Causa Doctoral Degree.

The Board of Governors appreciated the detailed Institute report presented by the Director and appreciated the progress achieved by the Institute.

27.2.1 Report on Action Taken on the 26th Meeting of the Board of Governors held on 1 July 2021 at Board Room, IIT Jodhpur

The Board of Governors noted the Action Taken Report (ATR) on various decisions taken in the 26th Meeting of the Board of Governors held on 1 July 2021.

27.3 DISCUSSION ITEMS

27.3.1 To consider and approve the recommendations of the 22nd Meeting of the Finance Committee to be held on 06 August 2021 at IIT Jodhpur.

The Board of Governors approved the recommendations of the Finance Committee made in its 22nd meeting held on 6 August 2021. The BoG also noted the recommendations of the Finance Committee on the guidelines for faculty members joining the Institute upon availing Sabbatical leave and approved the payment of honorarium/remuneration to such faculty members from the date of the approval of the Finance Committee.

27.3.2 To consider and approve the recommendations of the 23rd Meeting of the Finance Committee to be held on 07 October 2021 at IIT Jodhpur

The Director briefed the Board of Governors that the 23rd meeting of the Finance Committee was held on 7 October 2021 in IIT Jodhpur and then presented the recommendations of the Finance Committee before the BoG. The BoG approved the recommendations of the 23rd Meeting of the Finance Committee, made observations on the following items, and approved as under:

23.1.4: To consider payment of HRA at par with "Y" Class city to the employees as an interim measure.

The Board of Governors noted and approved the following recommendation of the Finance Committee:

"The Finance Committee noted the communication received from the MoE. The Finance Committee was of the opinion that the request of the IIT Jodhpur for HRA as per "Y" Class city is logically correct in light of the recent gazette notification by the Govt. of Rajasthan declaring the area where IIT Jodhpur situated under the Urban Agglomeration (UA) and other nearby Institutions are paying HRA as per "Y" Class city."

The Board of Governors noted the recommendations of the Finance Committee and expressed that the Institute should continue to follow-up the matter with the Ministry of Education to resolve it at the earliest.

Annual Accounts for FY 2020-21

The FC noted that the Institute had forwarded the Annual Account to the CAG after taking approval from the Chairman, BoG. The Audit by the CAG has already been initiated w.e.f. 27.9.2021 and undergoing.

The outcome of the Committee constituted to analyze expenditure under the recurring head.

A report on review of recurring expenditure under OH-31 was also presented in the meeting; Chairperson emphasized implementing the suggestions given by the Committee and suggested that a clear footnote should be included where comparisons have been made for better clarity.

The BoG noted the same.

23.2.2: Proposed Revised Estimates for FY 2021-22 and Budget Estimates for FY 2022-23

The Board of Governors noted and approved the following recommendation of the Finance Committee:

"The Finance Committee was apprised about the Proposed Revised Estimates for FY 2021-22 and Budget Estimates for FY 2022-23. The FC noted that the demands in line with progress of the Institute. The Committee recommended the following to the Board of Governors for approval:

Rs. In Crores

Particulars	RE 2021-22	BE 2022-23
Recurring Expenditure OH-31	102.26	153.53
Salary Expenditure OH-36	54.39	70.04
Creation of Capital Assets OH-35	58.68	47.88

The Committee expected additional release of Grants-in-Aid from Ministry of Education, Government of India in view of aforementioned demand."

23.2.5: To consider the recommendations of the 5th Meeting of Research & Development Management Committee held on 05 July 2021

The Board of Governors noted and approved the following recommendation of the Finance Committee:

"The Finance Committee noted the comments received from the Ministry of Education that only Director and Dean (R&D) may be considered for delegation of powers. After detailed deliberations, the Finance Committee suggested that IIT Jodhpur may adopt the practice followed by the IIT Delhi."

27.3.3 To consider and approve the recommendations of the 25th Meeting of the Building & Works Committee held on 20 September 2021.

The Director briefed the BoG that the recommendations of the B&WC made in its 25th meeting held on 20.09.2021 was placed before the Finance Committee in its 23rd meeting held on 7 October 2021. The Board noted the following recommendations of the Finance Committee on the recommendations of the B&WC:

"The Finance Committee noted the recommendations of the B&WC and comments of the MoE that "May be considered. Civil works & infrastructure are to be met from HEFA loan."

The Director apprised the FC that Institute has already submitted a proposal for an additional HEFA Loan to meet the urgent need of the Institute to cater the need, but the MoE has not yet approved it.

He further apprised that the Institute is in urgent need of accommodation for faculty and students on campus, as the Institute has ran out of built-up accommodation in campus.

B&WC Agenda No. 25.2.3: Construction of one Hostel G+3 (~320 Capacity) and Transit accommodation (40 nos. capacity) is proposed for Faculties to meet the urgent requirement.

The Finance Committee noted the recommendation of the B&WC and recommended to BoG for accord of Administrative Approval and Expenditure Sanction (AA&ES) amounting to Rs.43,59,90,710/- out of IRG/Corpus of the Institute for the construction of one Hostel G+3 (\sim 320 Capacity) and Transit accommodation (40 nos. capacity) for faculty members to meet the urgent need.

B&WC Agenda No.25.2.5: Additional cost for Running Operations, Maintenance and minor work of student hostels, B-type faculty housing, Academic buildings and External Infrastructure i/c internal and external structure like tunnel, roads, WTP, DWTS and other services for Permanent Campus of IIT Jodhpur at Karwar (Phase I & II) from 01 January 2020 to 10 May 2021 amounting to Rs. 1,41,60,693; the cost increased due to extended time for extra 04 months (i.e., from January 2021 to April 2021) and additional minor works.

The Finance Committee endorsed the recommendations of the B&WC and recommended to BoG for accord of Administrative Approval and Expenditure Sanction (AA&ES) amounting to Rs.1,41,60,693/-."

The Board of Governors noted the recommendations of the Finance Committee on the recommendations of the B&WC and approved as below:

- (i) The BoG accorded Administrative Approval and Expenditure Sanction (AA&ES) amounting to Rs.43,59,90,710/- out of IRG/Corpus of the Institute for the construction of one Hostel G+3 (~320 Capacity) and Transit accommodation (40 nos. capacity) for faculty members to meet the urgent need.
- (ii) The BoG accorded Administrative Approval and Expenditure Sanction (AA&ES) amounting to Rs.1,41,60,693/- towards the additional cost for Running Operations, Maintenance and minor work of student hostels, B-type faculty housing, Academic buildings and External Infrastructure i/c internal and external structure like tunnel, roads, WTP, DWTS and other services for Permanent Campus of IIT Jodhpur at Karwar (Phase I & II) from 01 January 2020 to 10 May 2021.

27.3.4 To consider and approve the recommendations of the 26th meeting of the Senate held on 17 July 2021 at IIT Jodhpur

The Board of Governors noted the recommendations of the Senate and approved the same.

27.3.5 To consider and approve the Recruitment and Promotion Rules for Non-faculty positions 2021.

The Director apprised the Board of Governors the agenda item was placed before the Finance Committee in its 23rd meeting held on 7 October 2021. The Finance Committee recommended the following:

"After a detailed discussion on the distribution of 281 non-teaching posts as per the approved ratio as presented in Annexure-A of the RR&PR, the FC noted and recommended the same to BoG. Further, the FC noted the comments received from the Additional Secretary (TE) and IFD, MoE and recommended the following:

- 1. IIT Jodhpur may continue with the existing RR&PR approved by the Board as amended from to time;
- 2. IIT Jodhpur may adopt RR of IIT Delhi, appropriately, wherever applicable.
- 3. As per comments of the MoE, send the RR&PR to the Ministry separately."

27.3.6 To consider and approve the delegation of financial powers to various functionaries of the Institute.

The Director briefed the BoG that as per the Statutes 12 (2) (xvi), the Director may, with the approval of the Board delegate any of the powers vested in him by the Act and Statutes to one or more members of the academic or administrative staff of the Institute. The Director further briefed that the delegation of financial powers was already approved by the BoG earlier, and Institute is only making amendments as per current need. The Director also apprised the BoG that the Ministry of Education has sent comments that being financial matter it may be routed through the Finance Committee.

After detailed deliberations on the matter, the BoG resolved as under:

1	Proposed Delegation of Financial Powers for the Institute functions	After detailed deliberations, the BoG approved the same for the smooth functioning of the Institute.
2	Proposed Delegation of Financial Powers in respect of R&D.	The Finance Committee noted the comments received from the Ministry of Education that only the Director and Dean (R&D) may be considered for delegation of powers. After detailed deliberations, the BoG suggested that the IIT Jodhpur may adopt the practice followed by the IIT Delhi.
3	Proposed Delegation of financial power for Works	After detailed deliberations, the Chairman, BoG, suggested that the Institute may follow the Delegation of financial powers for works in line with IIT Delhi. Annexure-A. The details are as per Annexure-A, which is similar to that of IIT Delhi.

27.4 REPORTING, ADOPTING AND NOTING ITEMS

27.4.1 Report on Faculty Members and Staff Members joining and resigning from the Institute

The Board noted the report on the Faculty Members and Staff Members joining and resigning from the Institute.

27.4.2 Adoption of Circulars of MoE and Government of India

The Board approved the adoption of OM circulated by the MoE.

27.4.3 Report of R&D Projects sanctioned to the Faculty Members of the Institute from last Meeting of the BoG.

	The Board not the Institu		•		-			•
27.4.4	Report	of	MoUs/A	greement(5)	signed	with	differen
	Institutions/organizations/companies by the Institute. The Board noted the report of the MoUs/Agreement(s) signed by the Institute with							
	different Ins		•	•	_	` , •	•	
	different 1115	cicacions	, or garrizat	ions, compar	iics ai	ій арріссій	tea the mist	itute.
27.5	RATIFICA ^T	TTON T	TEMS					
	Approvals a			irman. Boai	d of (Governors	/Director.	
(a)	Reports of						, = 11 000011	
	The Board ratified the approval accorded by the Chairman, BoG for Selection of 1 Faculty Members, as presented in the Agenda.						lection of 11	
(b)					iuui			
(-)	Report of Standing Committee The Board ratified the approval accorded by the Chairman, BoG, on the appointment of Sh. Siddharth Srivastava as Professor of Practice							
(C)	Approval appointmen							
	The Board ra							
(d)	Promotion /pay movement of Staff Member							
(-)	The Board ratified the pay movement of Sh. Ashok Kumar Khanduri, Joint Registrar,							
	as presented in the Agenda.							
(e)	Extension of term of Staff Member appointed through Standing Committee							
	The Board ratified approval of the extension of term of Audit Officer for 6 months.							
(f)	Reports of Review Committee of Staff Members							
	The Board noted and approved the same.							
(g)	Various approvals accorded by the Chairman, BoG through U.O. Note.							
	The Board ratified various approvals accorded by the Chairman, BoG, through U.O. Notes on behalf of the BoG, as presented in the Agenda.							
27.6	Any other						hairman	
	Status of fi		•	•				
27.0.1								
	As per the							
	filling up of backlog vacancies for non-teaching staff was presented before the as below:							
	Category	No. of	backlog v	acancies				
	SC		3					
	ST		4					
	ОВС		6					
	EWS		0					
	Total		13					

month of April 2021 for fil under process. The BoG noted the same.

27.6.2 Fellowship to provide an option to young Ph.D.'s (belonging to SC /ST/ NCL-OBC/EWS categories

The Chairman, BoG, suggested the Director to explore the possibility of instituting a Fellowship to provide an option to young Ph.D.'s (belonging to SC /ST/ NCL-OBC/EWS categories) to have rich post-doctoral research and teaching experience at IIT Jodhpur. The Chairman, BoG, requested the Director to explore the scheme after consultation at the Institute level and send him the proposal for approval. The BoG members seconded the Chairman's suggestion.

The Director welcomed the suggestion of the Chairman, BoG, and said that the Institute would work out the guidelines after Institute level consultation and submit to the Chairman for kind approval.

The Meeting ended with thanks to the Chair and all Members of the Board of Governors.

Sd/-Offg. Registrar & Secretary, BoG

Sd/-Director, IIT Jodhpur

Approved

Sd/-Chairman, Board of Governors, IIT Jodhpur