

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

P.O. SRINIVASNAGAR, MANGALURU-575025



MINUTES OF THE 47th MEETING OF THE FINANCE COMMITTEE

Date : January 06, 2020 (Monday)

Time : 02:00PM

Venue: Conference Hall
NIT Transit House, Panchsheel
New Delhi - 110017.



NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL
POST SRINIVASNAGAR, MANGALURU – 575 025.



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MINUTES OF PROCEEDINGS OF 47TH MEETING OF THE FINANCE COMMITTEE (FC) OF THE NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL HELD ON MONDAY, JANUARY 06, 2020 AT 02:00PM IN THE CONFERENCE HALL, NIT TRANSIT HOUSE, PANCHSHEEL ENCLAVE, NEW DELHI.

Members Present:

1. **Prof. K Balaveera Reddy,** Chairperson
Former Vice Chancellor – VTU, Belgaum,
Veerabhadra Nilayam, H.No.10, 4th A Cross, 2nd Block,
HRBR Layout, Kalyana Nagar, Bengaluru - 560043.
2. **Prof. K Umamaheshwar Rao,** Member
Director,
NITK, Surathkal.
3. **Shri Madan Mohan,** Member
Additional Director General (HE),
Dept. of Higher Education,
Ministry of Human Resource Development, Govt. of India,
Room No. 431, C-Wing, Shastri Bhavan, New Delhi-110 001.
4. **Shri D K Singh,** Member
Deputy Secretary (Finance),
Dept. of Higher Education,
Ministry of Human Resource Development, Govt. of India
Room No.406-C, Shastri Bhawan
Shastri Bhavan, New Delhi-110 001.

Representative of:

1. **Ms. Darshana M Dabral** Member
Joint Secretary and Financial Advisor
Integrated Finance Bureau
Ministry of Human Resource Development, Govt. of India
120-C, Shastri Bhavan, New Delhi - 110 001.
5. **Mr. G M Ravindra** Member
Managing Director,
RKS INFRATECH Pvt. Ltd.,
No.42/36, "Rajani Towers", 3rd Floor, 27th Cross,
7th 'B' Main Road, 4th Block, Jayanagar, Bengaluru – 560011.
6. **Prof. Muralidhar Kulkarni** Member
Professor, Dept. of Electronics & Communication Engg.
NITK, Surathkal.

7. **Shri K Ravindranath,**
Registrar,
NITK, Surathkal.

..... Member Secretary

Chairperson welcomed all the members to the 47th meeting of the Finance Committee. After a brief discussion, with the permission of the Chair, the FC began deliberations on Agenda items.

FC Item No. 47.1:	Reading and Confirmation of the Minutes of the 46th Meeting of the Finance Committee held on Saturday, September 14, 2019 at 10:00AM in the Board Room of NITK, Surathkal - Reg.
	The Minutes of 46 th meeting of the Finance Committee were read. Since no comments have been received, the Finance Committee resolved to confirm the Minutes of 46 th meeting held on 14.09.2019.

FC Item No. 47.2:	To consider the report on action taken on the resolutions of 46th Meeting of the Finance Committee held on Saturday, September 14, 2019 at 10:00AM in the Board Room of NITK, Surathkal - Reg.									
	<table border="1"><tr><td>FC Item No.46.3.1:</td><td>To consider the Revised "Annual Accounts" of the Institute for the year 2018-19 - Reg.</td></tr></table> <p>Finance Committee noted the report on action taken. The Finance Committee further noted that the Certified Audit Report received from C&AG is placed before the present meeting under Item No.47.3.1 for consideration.</p> <table border="1"><tr><td>FC Item No.46.3.2:</td><td>To consider the report of the committee on Delegation of Powers to various functionaries of the Institute - Reg.</td></tr></table> <p>Finance Committee noted the report on action taken.</p> <table border="1"><tr><td>FC Item No.46.3.3:</td><td>To consider the Authorizing borrower for Ministry approval HEFA loan of Rs. 38.00 Cr. for "Construction of Ladies Hostel of 300 single occupancy rooms" - Reg.</td></tr></table> <p>Finance Committee noted the report on action taken.</p> <table border="1"><tr><td>FC Item No.46.3.4:</td><td>To consider the Procurement of furniture to new buildings - Reg.</td></tr></table> <p>Finance Committee noted the report on action taken. The Finance Committee directed the Institute to expedite the procurement process for which estimates have already been approved, on top priority.</p> <table border="1"><tr><td>FC Item No.46.3.5:</td><td>To consider the Authorizing borrower for HEFA Loan Sanction of Rs. 48.00 Cr. for "School of Interdisciplinary Studies" - Reg.</td></tr></table> <p>Finance Committee noted the report on action taken.</p>	FC Item No.46.3.1:	To consider the Revised "Annual Accounts" of the Institute for the year 2018-19 - Reg.	FC Item No.46.3.2:	To consider the report of the committee on Delegation of Powers to various functionaries of the Institute - Reg.	FC Item No.46.3.3:	To consider the Authorizing borrower for Ministry approval HEFA loan of Rs. 38.00 Cr. for "Construction of Ladies Hostel of 300 single occupancy rooms" - Reg.	FC Item No.46.3.4:	To consider the Procurement of furniture to new buildings - Reg.	FC Item No.46.3.5:
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FC Item No.46.3.5:	To consider the Authorizing borrower for HEFA Loan Sanction of Rs. 48.00 Cr. for "School of Interdisciplinary Studies" - Reg.									

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FC Item No. 47.3:	To consider the Items placed before the present (47 th) Meeting of the Finance Committee (FC) held on Monday, January 06, 2020 at 02:00PM in the Conference Hall of NIT Transit House, Panchsheel Enclave, New Delhi – Reg.
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ITEMS FOR DISCUSSION AND APPROVAL:

FC Item No. 47.3.1	<p>To consider the Separate Audit Report (SAR) on “Annual Accounts” of the Institute for the year 2018-19 - Reg.</p> <p>The Finance Committee deliberated in detail on the Separate Audit Report (SAR) on “Annual Accounts” of the Institute for the year 2018-19.</p> <p>The Finance Committee suggested the Institute for reinforcing the Internal Auditing System of the Institute by getting suitable staff deputed from C&AG Office.</p> <p>After discussion, the Finance Committee passed the following resolution:</p> <p>Resolution:</p> <p>Finance Committee resolved to recommend to the BoG for the approval of Separate Audit Report (SAR) on Annual Accounts of the Institute for the year 2018-19 and for submitting the same to MHRD for tabling before the Parliament.</p> <p>[Action owner : Joint Registrar Timeframe : Immediately]</p>
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FC Item No. 47.3.2	<p>To consider the Budget Estimates for the year 2020-21 and Revised Estimate for the Year 2019-20 of the Institute - Reg.</p> <p>The Finance Committee noted the provisions of the Budget Estimate for the year 2020-21 and the Revised Budget Estimate for the year 2019-20. The Committee noted the details of grants received and the IRG generated.</p> <p>The Committee discussed in detail on various provisions made in the Budget Estimate of 2020-21 and the Revised Estimate of 2019-20.</p> <p>The Committee suggested the Institute for making efforts to reduce the expenditure on Security and electricity by adopting suitable measures such as installing CC Camera for effective monitoring of the security, LED fixtures etc.</p> <p>After deliberation, the Finance Committee passed the following resolution:</p> <p>Resolution:</p> <p>“The Finance Committee resolved to recommend to the BOG for approval of the Budget Estimate for the year 2020-21 and the Revised Budget Estimate for the year 2019-20”.</p> <p>[Action owner : Joint Registrar Timeframe : As applicable, on confirmation of the minutes]</p>
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FC Item No. 47.3.3	<p>To re-consider the recommendations of 40th meeting of the B&WC for making additional deposit of ₹ 1.1006 crore to CPWD in respect of the work “Construction of New building for the Department of Computer Science and Engineering” - Reg.</p> <p>The Finance Committee noted the recommendations of 40th meeting dated 17.10.2019 of the B&WC. It was informed to the Finance Committee that as directed by the Finance Committee in its 42nd meeting dated 05.10.2018, the B&WC has revisited the details and documents furnished by CPWD for increase of building area and thereby additional expenditure. It was further informed that the site location had to be shifted for CRZ norms which resulted in increase in building area on account of actual steep site terrain.</p> <p>After discussions on the matter, considering the recommendations of the B&WC, the Finance Committee made the following resolution:</p> <p><u>Resolution:</u></p> <p>“The Finance Committee resolved to recommend to the BoG for approval of the additional deposit of ₹1.1006 crore to CPWD in respect of the work of Construction of New building for the Department of Computer Science and Engineering.</p> <p>Further, Finance Committee suggested the Institute for adhering to the norms of EIA notifications of Ministry of Environment, Forest and Climate Change in respect of developmental works of the campus.</p> <p>[Action owner : Dean (P&D) Timeframe : On confirmation of the minutes]</p>
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FC Item No. 47.3.4	<p>To consider recommendations of 40th meeting of the B&WC – Regarding request of CPWD for depositing an amount of ₹ 3,17,04,835 towards payment of claims of the contractor (engaged by CPWD) as awarded in Arbitration case in respect of the work “Construction of Western side Teaching block (WTB/ Lecture Hall Complex – C)” - reg.</p> <p>Finance Committee noted the contents of the agenda note. It was informed to the Finance Committee that the arbitration was between CPWD and the Contractor engaged by the CPWD; and the Institute is not a party in the arbitration case.</p> <p>After deliberation, Finance Committee passed the following resolution:</p> <p><u>Resolution:</u></p> <p>Finance Committee resolved to recommend to the BoG that the Institute is advised to request the CPWD for challenging the award of arbitration passed in favour of the contractor (engaged by the CPWD) at the appropriate authority.</p> <p>[Action owner : Dean (P&D) Timeframe : On confirmation of the minutes]</p>
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FC Item No. 47.3.5	<p>To consider recommendations of 40th meeting of the B&WC – Regarding request of CPWD for depositing an amount of ₹ 27,45,670 towards payment of claims of the contractor (engaged by CPWD) as awarded in Arbitration case in respect of the work “Construction of New Sports Complex” - Reg.</p> <p>Finance Committee noted the contents of the agenda note. It was informed to the Finance Committee that the arbitration was between CPWD and the Contractor engaged by the CPWD; and the Institute is not a party in the arbitration case.</p> <p>After deliberation, Finance Committee passed the following resolution:</p> <p><u>Resolution:</u></p> <p>Finance Committee resolved to recommend to the BoG that the Institute is advised to request the CPWD for challenging the award of arbitration passed in favour of the contractor (engaged by the CPWD) at the appropriate authority.</p> <p>[Action owner : Dean (P&D) Timeframe : On confirmation of the minutes]</p>
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FC Item No. 47.3.6	<p>To consider recommendations of 40th meeting of the B&WC – Regarding request of CPWD for depositing an amount of ₹ 23,64,411 towards payment of claims of the contractor (engaged by CPWD) as awarded by Dispute Redressal Committee in respect of the work “Construction of New Girls Hostel of 250 rooms [Block No. 5]” - Reg.</p> <p>Finance Committee noted the contents of the agenda note. It was informed to the Finance Committee that the arbitration was between CPWD and the Contractor engaged by the CPWD; and the Institute is not a party in the arbitration case.</p> <p>After deliberation, Finance Committee passed the following resolution:</p> <p><u>Resolution:</u></p> <p>Finance Committee resolved to recommend to the BoG that the Institute is advised to request the CPWD for challenging the award of arbitration passed in favour of the contractor (engaged by the CPWD) at the appropriate authority.</p> <p>[Action owner : Dean (P&D) Timeframe : On confirmation of the minutes]</p>
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FC Item No. 47.3.7	<p>To consider information on item placed in 40th meeting of the B&WC – Regarding details of various Arbitration cases of projects executed through CPWD - Reg.</p> <p>Finance Committee noted the details of various Arbitration and Court cases in respect of the works entrusted to CPWD on 'Deposit Work' basis by the Institute. It was informed to the Finance Committee that the arbitration/ court cases were between CPWD and the Contractor engaged by the CPWD; and the Institute is not a party in the arbitration case.</p> <p>After deliberation, Finance Committee passed the following resolution:</p> <p><u>Resolution:</u></p> <p>Finance Committee resolved to recommend to the BoG that the Institute is advised to request the CPWD for early settlement of all arbitration/ court cases. In case, arbitration/ court cases are awarded against the CPWD, the Institute may request the CPWD for challenging such award at the appropriate authority.</p> <p>[Action owner : Dean (P&D) Timeframe : On confirmation of the minutes]</p>
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FC Item No. 47.3.8	<p>To consider recommendations of 40th meeting of the B&WC – To consider administrative approval and expenditure sanction for the work of “Construction of STP along with underground collection tank including allied electrical works for Type V and Type VI residential apartments” at a preliminary estimate cost of ₹ 73,90,800; and execution of work through CPWD - Reg.</p> <p>The Finance Committee opined that the estimate cost projected for 40KLD capacity is on higher side. After discussion, the FC passed the following resolution:</p> <p><u>Resolution:</u></p> <p>Finance Committee resolved to recommend to the BoG that the Institute is advised to request the CPWD for submission of detailed BoQ. The Institute may also prepare a BoQ. Both the BoQ may be compared, and put up in the next meeting for taking a decision.</p> <p>[Action owner : Dean (P&D) Timeframe : On confirmation of the minutes]</p>
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FC Item No. 47.3.9	<p>To consider recommendations of 40th meeting of the B&WC – To consider Administrative approval and expenditure sanction for the work of “Renovation of KAVERI Girls Hostel Block [Block No. 2]” at an estimated amount of ₹ 1,23,00,000; and execution of work through Institute Works Establishment - Reg.</p> <p>The item was withdrawn.</p> <p>[Action owner : Dean (P&D) Timeframe : On confirmation of the minutes]</p>
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FC Item No. 47.3.10	<p>To consider recommendations of 40th meeting of the B&WC – To consider the proposal submitted to MHRD for construction of a new Boys' Hostel of 200 triple occupancy rooms (Block No. 11) along with DPR and Check-list under Reservations for EWS at a financial outlay of ₹ 43.00 crore - Reg.</p> <p>Finance Committee noted the communication dated 23.01.2019 of the Ministry of HRD directing the Institute for submission of some of the data on existing student strength as well as additional infrastructure and capital funds required for implementation of EWS reservation policy of the Government of India; to be submitted to MHRD by 31.01.2019 strictly in the format furnished by the MHRD.</p> <p>The FC noted the action taken by the Institute in submitting related information to the MHRD in the prescribed format on 31.01.2019 which comprised a request for a total fund of ₹ 289 crore for the years 2019-20 (₹102.50 crore) and 2020-21 (₹186.50 crore).</p> <p>The FC noted the communication dated 19.06.2019 of the MHRD regarding the allocation of a total financial outlay of ₹ 43.00 crore to the Institute for additional infrastructure; and its directions to submit the proposal of the Institute (along with DPR and other information in the prescribed check-list) by 01.07.2019 for considering the proposal under HEFA infrastructure scheme. Submission of related information on 01.07.2019 itself by the Institute along with DPR for the construction of a New Hostel for boys' of 200 triple occupancy rooms was also noted.</p> <p>The Finance Committee noted the approval communicated by the MHRD for the said project vide letter F No. 18-11/2019-TS.III dated 9th December, 2019 at a financial outlay of ₹ 43 crore under EWS reservations; and filing of necessary loan application on 13.12.2019 to HEFA Board by the Institute.</p> <p>The Finance Committee noted the recommendations of 40th meeting dated 17.10.2019 of the B&WC for approval of the said project.</p> <p>After discussion, Finance Committee passed the following resolutions:</p> <p><u>Resolution:</u></p> <p>(i) The Finance Committee resolved to recommend to the BoG for approval of the action taken by the Institute in submitting a proposal for the construction of a new Boys Hostel (200 triple occupancy rooms) at a financial outlay of ₹ 43.00 crore to be undertaken under HEFA infrastructure scheme.</p> <p>(ii) The Finance Committee resolved to recommend to BoG for granting administrative approval and expenditure sanction for the said project at a financial outlay of ₹ 43.00 crore.</p> <p>(iii) The Finance Committee resolved to recommend to the BoG for approval to entrust this project to CPWD on Deposit work basis.</p> <p>[Action owner : Dean (P&D) Timeframe : On confirmation of the minutes]</p>
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FC Item No. 47.3.11	To consider recommendations of 40th meeting of the B&WC – To consider installation of additional rooftop grid connected solar PV power plants under RESCO model of MNRE - Reg.
	<p>The Finance Committee noted the details of existing roof-top solar PV panel units at the Institute. It was informed to the FC that new rooftop area in the new buildings such as CSE, Basic Sciences, Mechanical block, Applied Mechanics block, LHC-C, Hostels etc. are available for installing Solar Power plants where Solar PV panels of about 500KWp (0.5MWp) can be installed.</p> <p>The Finance Committee noted the recommendations of 40th meeting dated 17.10.2019 of the B&WC for approval of the said project under RESCO model.</p> <p>After discussion, the FC passed the following resolution:</p> <p><u>Resolution:</u></p> <p>Finance Committee resolved to recommend to the BoG for approval of installation of grid connected Rooftop Solar PV panels of about 500KWp (0.5MWp) under RESCO model of the MNRE.</p> <p>[Action owner : Dean (P&D)] Timeframe : On confirmation of the minutes]</p>

FC Item No. 47.3.12	To consider the revised procurement proposal amounting to INR 1,88,00,000 under TEQIP-III - Reg.
	<p>The Finance Committee noted the contents of agenda note.</p> <p><u>Resolution:</u></p> <p>Finance Committee resolved to recommend to the BOG for approving the revised procurement proposal amounting to INR 1,88,00,000 under TEQIP-III.</p> <p>[Action owner : Co-ordinator (TEQIP-III)] Timeframe : On confirmation of the minutes]</p>



FC Item No. 47.3.13	To consider the Continuation of the tuition fee waiver to SC/ST students of PG and PhD admitted during academic year 2019-20 also - Reg.
	<p>The Finance Committee recommended to implement tuition fee waiver only to M.Tech SC/ST/PH students as per the 12th NITSER Council decision vide Agenda item No.12.17 from M.Tech second semester onwards. It was also discussed that providing tuition fee waiver for other PG/PhD programs cannot be decided by the Board.</p> <p>[Action owner : Dean (Academic) Timeframe : On confirmation of the minutes]</p>


FC Item No. 47.3.14	To consider the Institution of Endowment Prize in the name of Prof. A V Adhikari for the best Ph.D. Thesis from the Academic Year 2020-2021 - Reg.
	<p>The Finance Committee resolved to recommend to the BoG for advising the Institute for exploring the possibility of topping up the donation amount to Rupees Five lakh from the same donor and consider only ₹5 Lakhs and above prize fund.</p> <p>[Action owner : Dean (Academic) Timeframe : On confirmation of the minutes]</p>

FC Item No. 47.3.15	To consider the "Veeramma Rajashekaraiiah" Trust Scholarship for the award of Scholarship (Mess Fees) to the deserving student of 2nd Year B.Tech.- Reg.
	<p>The Finance Committee resolved to recommend to the BoG for advising the Institute for exploring the possibility of topping up the donation amount to Rupees Five lakh from the same donor and consider only ₹5 Lakhs and above prize fund.</p> <p>[Action owner : Dean (Academic) Timeframe : On confirmation of the minutes]</p>




FC Item No. 47.3.16	To consider the Drawals of pension arrears in respect of employees who retired prior to 01-04-2004 Pensioner request - Reg.
	<p>The Finance Committee resolved to recommend to the BoG for considering the pensioners request under the provisions of 7th CPC.</p> <p>[Action owner : Joint Registrar Timeframe : On confirmation of the minutes]</p>

FC Item No. 47.3.17	<p>To consider the recommendations of 41st meeting of the B&WC – To consider granting in-principle approval for the proposed “Construction of a foot over bridge across National Highway -66 to connect eastern and western parts of the campus” and to entrust the work to CPWD - Reg.</p> <p>Necessity of a foot over bridge to connect both the parts of the campus was explained to the Finance Committee.</p> <p>The Finance Committee further noted the recommendations of 41st meeting dated 23-12-2019 of the B&WC for granting in-principle approval for the said project.</p> <p>After deliberation, the following resolution was passed:</p> <p><u>Resolution:</u></p> <p>The Finance Committee resolved to recommend to the BoG for granting in-principle approval for the construction of foot over bridge; and to grant approval for entrusting the work to CPWD. Details of the project cost and the means of funding may be placed in the subsequent meeting with the recommendations of the B&WC for further consideration.</p> <p>[Action owner : Dean (P&D) Timeframe : On confirmation of the minutes]</p>
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FC Item No. 47.3.18	<p>Any other item with the permission of the Chair</p> <p>With the permission of the Chair, the following table agenda is discussed:</p> <p>To consider the “Disbursement of Alumni Association Fee” to Alumni Association which was collected as part of admission fee from students admitted in the first year - Reg.</p>
	<p>On the suggestion of the members of BoG, Director sought the permission of the Chairperson to table the agenda for “Considering the Disbursement of Alumni Association Fee to Alumni Association”. This fee was collected as part of admission fee from students admitted in the first year. Chairperson, BoG, stated that it may be placed as an agenda in the next Board meeting for a detailed discussion.</p> <p>However, Prof. Muralidhar Kulkarni, Member FC, NITK presented the details informing that the Finance Committee had resolved earlier that, “any student fees collected by the Institute is to be maintained in the Institute account and then disbursed to the association in conformity with NITSER Act (FC Item No. 45.3.5 Meeting Date: 19/07/2019). Shri Madan Mohan, Additional Director General (HE), Dept. of Higher Education, MHRD Gol, pointed out that in the light of the NITSER Act NITK administration cannot transfer the money collected from students Fees to any other entity such as Alumni Association. Shri D K Singh, Dy. Secretary (Finance) read out the NITSER Act and reiterated for a strict compliance of the NITSER Act. Dr. Suresh A K apprised the Board about existing IIT Mumbai model. Shri Madan Mohan, ADG (HE) is of the opinion that, in view of continuing the Alumni association activities, NITK should evolve a mechanism and a model based on the financial contribution of Alumni to NITK.</p> <p>After detailed deliberation, the Finance Committee passed the following resolution:</p> <p><u>Resolution:</u></p> <p>“The Finance Committee resolved to recommend to the BoG to make detailed assessment of financial contribution of Alumni to NITK to be placed in the next FC. Further, FC resolved to put a hold with respect to transfer of money collected from first year students as Fees till such time”.</p> <p>[Action owner : Dean (AAIR)/ Joint Registrar Timeframe : On confirmation of the minutes]</p>




<p>FC Item No. 47.3.19</p>	<p>With the permission of the Chair, the table agenda for considering the status of “Procurement of Equipment – Central Research Facility” being undertaken under HEFA loan scheme was discussed. Prof.Udaya Bhat, Chairman – CRF, NITK presented the details.</p> <p>To Consider Status of equipment purchases being procured for Central Research Facility under HEFA.</p> <p>Rs. 80 crore was sanctioned for procuring equipments to create Central Research Facility (CRF) under HEFA. Progress in the purchases of equipments worth Rs, 72 crore was presented to the BoG. BoG noted the progress in the purchase of the equipments. BoG also noted the alternate purchases being pursued.</p> <p>The Finance Committee resolved to recommend to the BoG for approval of purchases of following items.</p> <ol style="list-style-type: none"> 1. HR-LCMS system: Rs. 1,86,15,000=00 (for main equipment)+ 5,76,271=00 (for local supplies): Rs. 1,91,91,271=00 2. Precision Sample cutter for TEM sample preparation: USD 9,822.95 (Rs.6,96,545=00) 3. Fourier Transform nuclear magnetic resonance (FT NMR): USD 3,15,000=00 (Rs.2,25,50,409=00, for main equipment) +Rs. 34,68,000=00 (for local supplies): Rs.2,60,18,409=00 4. Hot stage attachment for JEOL TEM 2100 : USD 47,000 (Rs. 34,03,680=00) 5. X-ray diffractometer with accessories: Euro 2,01,836 (Rs. 1,54,00,086=00, for main equipment) + Rs. 23,86,000=00 (for local supplies): Rs.1,77,86,086=00 6. Accessories for FESEM: USD 1,62,200 (1,11,99,910=00, for main equipment) + Rs.21,20,690=00 (for local purchases): Rs. 1,33,20,600=00 7. UV-VIS NIR Spectrometer: USD 53,000 (Rs. 37,57,811=00) 8. Atomic force microscope with accessories: Euro 74,175.24 (Rs.58,37,933=00, for main equipment) + Rs.9,09,930=00 (for local purchases): Rs. 67,47,863=00 <p>The Finance Committee resolved to recommend to the BoG that the request of the CRF-Chairman, for increasing the finance required for renovation, partition, air condition, computers, furniture, etc. from initial 160 lacs to 370 lacs. Addition amount may be used from the contingency grant of 400 lacs approved in the initial proposal. Equipment list attached as [Annexure – I (Page 1 to 5)].</p> <p>The FC noted that NITK is the only Institute, among other NITs, which availed the HEFA loan for equipment.</p> <p>[Action owner : Chairman (CRF)/ Dean (P&D) Timeframe : On confirmation of the minutes]</p>
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FC Item No. 47.3.20	<p>To consider Use of HEFA grant allotted for Central Research Facility (CRF) to supplement DST-FIST grant allotted for the purchase of Field Emission Scanning Electron Microscope (FESEM) – Reg.</p> <p>BoG approved the following. Main equipment (FESEM) to be procured from DST-FIST grant (140 lacs). Accessories required for the FESEM to be supplemented from HEFA grant for CRF creation. The cost of accessories: USD 1,62,200=00 (equal to Rs.1,11,99,910=00) + local supplies (Rs. 21,20,690=00). Total cost to be supported from HEFA =Rs. 1,33,20,600=00.</p> <p>[Action owner : Chairman (CRF)/ Dean (P&D) Timeframe : On confirmation of the minutes]</p>
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With the above, the meeting is concluded with a vote of thanks to the Chair.



(K Ravindranath)
Registrar and
Member Secretary - FC
NITK, Surathkal.



(K Umamaheshwar Rao)
Director and
Member - FC
NITK, Surathkal.



(K Balaveera Reddy)
Chairperson - FC
NITK, Surathkal.

Agenda: Status of equipment purchases being procured for Central Research Facility under HEFA

Rs. 80 Crore was sanctioned to procure equipments to create Central Research Facility (CRF) under HEFA. Following table shows the status of procurement of various equipments. BoG is requested to note the progress. BoG is also requested to approve the PO value against items in serial number 4 to 11.

Group 1 : Equipments whose Purchase order is given

Sl No	Equipment name (as given)	Sanction amount (Rs. in lacs)	Equipment (as in PO)	PO amount (Rs.)	Comments
1	Field emission gun-scanning electron microscope (FEG-SEM)	400.00	Field emission gun scanning electron microscope	Euro 5,05,000 (Rs. 4,20,69,780=00) + Rs. 8,92,080=00 = Rs. 4,29,61,860=00	BoG approved (BoG item 56.3.1)
2	300 kN Servohydraulic Fatigue Testing unit	500.00	250 kN Servohydraulic Fatigue Testing unit	USD 8,00,000 (Rs. 5,62,06,080=00) + Rs. 17,25,000=00 = Rs. 5,79,31,080	BoG approved (BoG item 57.3.1)
3	Laser flash analyser (LFA) equipment for comprehensive analysis of thermal properties	80.00	Laser Flash Analyser	USD 1,54,604 (Rs. 1,09,63,093=00)	BoG approved (BoG item 56.3.1)
4	HR-LCMS system	160.00	HR-LCMS System	Rs. 1,86,15,000=00 + Rs. 5,76,271=00 = Rs. 1,91,91,271=00	Submission for this BoG, for approval
5	Precision sample cutter for TEM Sample preparation	10.00	Precision sample cutter for TEM Sample preparation	USD 9,822.95 (Rs. 6,96,545.00)	Submission for this BoG, for approval
6	600 MHz NMR Spectrometer (Multi nuclear)	600.00	Fourier Transform nuclear magnetic resonance (FT NMR)	USD 3,15,000=00 (Rs. 2,25,50,409=00) + 34,68,000=00	Submission for this BoG, for approval

Receipted: K

Signature

OFFICE OF THE REGISTRAR
M.I.T.K. Surabekal, Mangalore
RECEIVED ON

03 JAN 2020

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7	Hot stage attachment for JEOL TEM	30.00	spectrometer	Rs. 2,60,18,409=00	Submission for this BoG, for approval
8	Advanced X-ray diffractometer (XRD)	300.00	Hot stage attachment for JEOL TEM 2100 X-ray diffractometer with accessories	USD 47,000 (Rs. 34,03,680=00) Euro 2,01,836 (Rs. 1,54,00,086=00)+ Rs. 23,86,000=00 Rs. 1,77,86,086=00	Submission for this BoG, for approval
9	Standard Environmental scanning electron microscope (E SEM)	300.00	Accessories for FESEM	USD 1,62,200 (Rs. 1,11,99,910=00)+ Rs. 21,20,690=00 Rs. 1,33,20,600=00	Submission for this BoG, for approval Details are presented, separately
10	UV-VIS NIR Spectrometer	100.00	UV-VIS NIR Spectrometer	USD 53,000 (Rs 37,57,811=00)	Submission for this BoG, for approval
11	Atomic force microscope (AFM)	150.00	Atomic force microscope with accessories	Euro 74,175.24 (Rs. 58,37,933=00) + 9,09,930=00 Rs. 67,47,863=00	Submission for this BoG, for approval
	Sub total	26,30 Lacs		20,27,78,298=00	

Group 2 List of equipments, whose bids are in the processing stage

SI No	Equipment name	Sanction amount (Rs on lacs)	Equipment name as in tender	Tendered amount
12	CNC Vertical Machining Centre (5 axis)	140 lacs	CNC Vertical machining Centre (5 axis)	175 lacs
13	Proton Transfer Reaction Mass Spectrometry	250 lacs	Proton transfer reaction time of flight mass spectrometer	250 lacs
14	Friction stir welding/Surfacing system with peripherals	275 lacs	Friction stir welding/Surfacing system with peripherals	120 lacs
15	Selective laser melting (SLM) unit	490 lacs	Metal 3 D Printer	490 lacs
16	500 KVA Diesel generator	50 lacs	500 KVA 3 phase Diesel	50 lacs

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17	Raman spectrometer	100 lacs	generator with AMF Panel	100 lacs
18	Drop weight testing machine	115 lacs	Multipurpose impact testing machine with Split Hopkinson pressure bar(SPPB)	90 lacs
19	High velocity oxy fuel coating (HVOF) facility	125 lacs	High velocity air fuel convertible to high velocity oxy fuel coating facility with complete turnkey system	125 lacs
20	Slow strain rate test (SSRT) system	125 lacs	Slow strain rate test (SSRT) system	125 lacs
21	Thermal gravimetric analysis with FTIR	50 lacs	Thermal gravimetric analysis with FTIR	50 lacs
22	Micro machining unit -Hybrid micro EDM machine	150 lacs	Micro machining unit -Hybrid micro EDM	150 lacs
23	Optical Emission Spectrometer (OES)	120 lacs	Optical Emission Spectrometer	90 lacs
24	Nanoindenter with attached SPM	200 lacs	Nanoindenter with attached SPM	200 lacs
25	Tribotester	100 lacs	Tribotester	90 lacs
26	Gas Chromatograph mass spectrometer (GC-MS)	150 lacs	Comprehensive gas chromatography mass spectrometer system (C GCMS System)	285 lacs Change in amount and name is approved by the BoG
27	Temperature and strain controllable rolling mill	60 lacs	Temperature and strain controllable rolling mill	60 lacs
28	Controlled Current voltage source for thin film multilayer coatings	30 lacs	Controlled Current voltage source for thin multilayer coatings	25 lacs
29	Single cylinder optical research engine	135 lacs	Single cylinder optical research engine (SCORE)	135 lacs
30	Instrumented impact tester	60 lacs	Instrumented impact tester	55 lacs
31	Liq Nitrogen and Helium plant	170 lacs	Liq Nitrogen and Helium plant	150 lacs
32	Advanced modular rheometer	150 lacs	Advanced modular rheometer	150 lacs

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33	Ion Chromatography	65 Lacs	Ion Chromatography	65 Lacs
34	Impedance analyser with probe station and microscopy assembly	90 lacs	Impedance analyzer with accessories	45 Lacs
35	Plasti Corder lab station with mixer	150 lacs	Low force fatigue testing machine with dynamic mechanical analyser (alternate purchase)	150 lacs
36	Vacuum assisted high temperature furnace	60 lacs	Vacuum assisted high temperature furnace	50 lacs
37	Friction and wear monitor	40 lacs	Friction and wear monitor	70 lacs
38	Cryogenic probe station	150 lacs	1. Integrated lab scale hollow fiber membrane spinning system 2. Particle sizing and zeta potential 3. High purity water dispenser 4. 3D Non Contact Confocal Profilometer (alternate purchase)	75 lacs 30 lacs 20 lacs 45 lacs
39	Laser Scanning vibrometer	200 lacs	GAIT Analysis Equipment (Alternate Purchase)	135 lacs
40	Gas Pycnometer	30 lacs	3D Scanner and a desktop workstation (Alternate purchase)	30 lacs
41	Dilatometer	50 lacs	High energy ball mill + Planetary ball mill (Alternate purchases)	40 lacs 20 lacs
42	BET Surface area analyser with Chemisorption with GC/MS	60 lacs	Chemisorption analyser integrated with mass spectroscopy	100 lacs
43	Renovation, Partition, Air conditioning, Wifi, Computers, Furnitures, etc	160	Renovation, Partition, Air conditioning, Wifi, Computers,	370 lacs Based on preliminary

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		Furnitures, etc	estimate by CPWD
Sub total	41.00 lacs		42.20 lacs

Group 3 Equipments whose specifications are finalised

SI No	Name	Sanctioned amount	Name of the equipment tendered	Amount to be tendered
44	3D Particle image velocimetry	200 lacs	3D PIV with LDV/PDPA System	380 lacs (change in amount is approved by the The Director)
45	X-ray fluorescence (XRF) spectroscopy	225 lacs	Glow discharge optical emission spectrometer (GD-OES) (Alternate purchase)	225 lacs
46	Temperature, Humidity and Vibration Env test system	90 Lacs	Ground truth radio meter (Alternate purchase)	75 lacs
47	Tensile testing machine with microspecimen gripper, video camera, etc	220 lacs	ANSYS (alternate purchase)	200 lacs
48	BET Surface area analyser with Physisorption	New item	BET Surface area analyser with Physisorption	50 lacs
	Sub total	735 lacs		930 lacs
	Grand total	74,65.00 lacs		Rs. 71,87,78,298=00
	Contingencies/Miscellaneous	400.00 lacs		

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