

Central University of Punjab Bathinda

MINUTES



37th Meeting of the FINANCE COMMITTEE

16th June 2025



Minutes of the 37th Meeting of the Finance Committee

The 37th Meeting of the Finance Committee of the Central University of Punjab, was held on 16th June 2025 (11:00 a.m.) in hybrid Mode.

Venue: Conference Room, Aryabhata Academic Block, Adjacent Vice-Chancellor's Office.

The list of the members present during the meeting is annexed.

The Chairperson formally welcomed the members of the Finance Committee and thanked them for sparing their valuable time from their busy schedule to attend the 37th meeting of the Finance Committee for making it possible to attend this meeting in hybrid mode.

After detailed discussions on the agenda items listed for this meeting, the unanimous resolutions of the Finance Committee are as follows:

<u>Items for Confirmation</u>	
<p><u>Item.No:FC:37:2025:1</u></p> <p>To confirm the minutes of the 34th meeting of the Finance Committee held on 12.12.2024</p>	<p><u>AGENDA NOTE:</u></p> <p>34th Meeting of the Finance Committee was held on 12.12.2024 through online/physical mode.</p> <p>The draft minutes were circulated to the members for their comments, if any.</p> <p>The members have conveyed their approval of draft minutes through email. Subsequently, approved minutes were circulated.</p> <p>The minutes of 34th Meeting of the Finance Committee is placed for confirmation.</p>
<u>RESOLVE</u>	The Finance Committee, after discussions, unanimously resolved to confirm the minutes of the 34th meeting of the Finance Committee held on 12.12.2024.
<p><u>Item.No:FC:37:2025:2</u></p> <p>To note the Action Taken Report (ATR) on decisions of the 34th meeting of the Finance Committee held on 12.12.2024.</p>	<p><u>AGENDA NOTE:</u></p> <p>The 34th meeting of Finance Committee was held on 12.12.2024.</p> <p>Subsequent to the circulation of approved minutes, the concerned departments/offices implemented the decision taken by the Finance Committee in its 34th meeting. The details of the action taken are placed at (Annexure-37.1).</p> <p>The ATR on the resolutions of 34th Meeting of the Finance Committee is placed for confirmation.</p>
<u>RESOLVE</u>	The Finance Committee, after taking perusal, unanimously



	resolved to take a note of the Action Taken Report (ATR) on the resolutions of 34 th meeting held on 12.12.2024 and expressed satisfaction for timely actions thereon.
<p><u>Item.No:FC:37:2025:3</u></p> <p>To confirm the minutes of the 35th meeting of the Finance Committee held on 26.12.2024.</p>	<p><u>AGENDA NOTE:</u></p> <p>35th Meeting of the Finance Committee was held on 26.12.2024 through online/physical mode.</p> <p>The draft minutes were circulated to the members for their comments, if any.</p> <p>The members have conveyed their approval of draft minutes through email. Subsequently, approved minutes were circulated.</p> <p>The minutes of 35th Meeting of the Finance Committee is placed for confirmation.</p>
<u>RESOLVE</u>	The Finance Committee, after discussions, unanimously resolved to confirm the minutes of the 35th meeting of the Finance Committee held on 26.12.2024.
<p><u>Item.No:FC:37:2025:4</u></p> <p>To note the Action Taken Report (ATR) on decisions of the 35th meeting of the Finance Committee held on 26.12.2024.</p>	<p><u>AGENDA NOTE:</u></p> <p>The 35th meeting of Finance Committee was held on 26.12.2024.</p> <p>Subsequent to the circulation of approved minutes, the concerned departments/offices implemented the decision taken by the Finance Committee in its 35th meeting. The details of the action taken are placed at (<i>Annexure-37.2</i>).</p> <p>The ATR on the resolutions of 35th Meeting of the Finance Committee is placed for confirmation.</p>
<u>RESOLVE</u>	The Finance Committee, after taking perusal, unanimously resolved to take a note of the Action Taken Report (ATR) on the resolutions of 35th meeting held on 26.12.2024 and expressed satisfaction for timely actions thereon.
<p><u>Item.No:FC:37:2025:5</u></p> <p>To confirm the minutes of the 36th meeting of the Finance Committee held on 22.01.2025</p>	<p><u>AGENDA NOTE:</u></p> <p>36th Meeting of the Finance Committee was held on 22.01.2025 through online/physical mode.</p> <p>The draft minutes were circulated to the members for their comments, if any.</p> <p>The members have conveyed their approval of draft minutes through email. Subsequently, approved minutes were circulated.</p>



	The minutes of 36 th Meeting of the Finance Committee is placed for confirmation.
<u>RESOLVE</u>	The Finance Committee, after discussions, unanimously resolved to confirm the minutes of the 36th meeting of the Finance Committee held on 22.01.2025.
<u>Item.No:FC:37:2025:6</u> To note the Action Taken Report (ATR) on decisions of the 36 th meeting of the Finance Committee held on 22.01.2025.	<u>AGENDA NOTE:</u> The 36 th meeting of Finance Committee was held on 22.01.2025. Subsequent to the circulation of approved minutes, the concerned departments/offices implemented the decision taken by the Finance Committee in its 36 th meeting. The details of the action taken are placed at (Annexure-37.3) . The ATR on the resolutions of 36 th Meeting of the Finance Committee is placed for confirmation.
<u>RESOLVE</u>	The Finance Committee, after taking perusal, unanimously resolved to note of the Action Taken Report (ATR) on the resolutions of 36th meeting held on 22.01.2025 and expressed satisfaction for timely actions thereon.
<u>Items for Information</u>	
<u>Item.No:FC:37:2025:7</u> To note the status of pending Audit Paras.	<u>AGENDA NOTE:</u> As per the Status of Review of Old outstanding paras in Audit Committee Meeting received vide letter No. DGA/CE/ACM/2024-25/43 dated 13.03.2025 from Sr. Audit Officer, ACM (CE) of Indian Audit & Accounts Department Office of the Director General of Audit (Central), Chandigarh after Audit Committee Meeting (ACM) held on 18 - 19 Feb 2025, there are 42 paras outstanding after settlement of 13 paras out of total 55 paras for the Inspection upto the FY 2022-23. Inspection, thereafter, is yet to be conducted. For settlement of remaining outstanding paras, matter will be taken up with the Audit Team and efforts shall be made to schedule Audit Committee Meeting(s) in future also. The Finance Committee may like to note the status of the pending Audit Paras.
<u>RESOLVE</u>	The Finance Committee after detailed deliberations unanimously resolved to note the status of pending Audit Paras. The Committee advised the University to make consistent efforts to settle pending audit paras at the earliest.



<u>Items for Consideration</u>	
<p><u>Item.No:FC:37:2025:8</u></p> <p>To consider and approve the Minutes of Meeting of 60th Building Committee held on 13.05.2025 at Central University of Punjab.</p>	<p><u>AGENDA NOTE:</u></p> <p>The minutes of meeting of 60th Building Committee held on 13.05.2025 are enclosed as (<i>Annexure -37.4</i>). The Finance Committee may like to consider and approve the minutes of meeting of 60th Building Committee held on 13.05.2025.</p>
<p><u>RESOLVE</u></p>	<p>The Finance Committee discussed the progress of various ongoing projects in detail and unanimously resolved to approve the minutes of the 60th Building Committee meeting held on 13.05.2025.</p>
<p><u>Item.No:FC:37:2025:9</u></p> <p>To consider and approve the recommendations of the Executive Council regarding the status of works entrusted to M/s NBCC (India) Limited as PMC for construction of new buildings under Phase 2A.</p>	<p><u>AGENDA NOTE:</u></p> <p>The conceptual plans of all the 05 buildings were submitted by the NBCC (India) Limited and the same was reviewed and the observations were given to NBCC and the revised plans submitted NBCC were considered and approved by the Project Monitoring Committee in its 27th meeting held on 07.04.2025.</p> <p>Subsequently, after the approval of conceptual plans, M/s NBCC (India) Limited has submitted the Preliminary Estimates vide letter no.: NBCC/SBG-HP/2025/174 dated 03.05.2025 for amounting to Rs.228.61 Crores including PMC fee & taxes. The Engineering office reviewed the Preliminary estimates and suggested some amendments to NBCC (India) Limited vide email dated 07.05.2025.</p> <p>M/s NBCC had submitted the revised estimates amounting to Rs.2,29,07,80,667.86/- including PMC fee & taxes. The revised estimates submitted by NBCC are hereby placed before the Building Committee for consideration and approval. After the approval, A/A and E/S will be communicated to M/s NBCC (India) limited for the preparation of DBR and calling the tender as per guidelines.</p> <p><u>Discussions during the meeting:</u></p> <p>The Committee discussed in detail, the revised estimates amounting to Rs.2,29,07,80,667.86/- including PMC fee & taxes as submitted by the NBCC (India) limited. CGM, NBCC informed that the estimates include the cost of building, furnishing, CCTV, IPBAX, UPS, DG set, Roof top solar in Academic Building and water heating system in hostels. It also includes the furniture in buildings except international student hostel. He also informed that STP of required</p>



	<p>quantity was also included in the estimates which was not the part of 201 cr proposal but it is required for proper functionality of these buildings.</p> <p>Thereafter, CGM NBCC suggested that as university is making proposal for new buildings, one combined STP be built to meet the consolidated requirement of these 5 buildings and new buildings. The committee discussed the proposal and deliberated that constructing one combined STP instead of two small STP's will reduce the operational & maintenance cost. Therefore, the committee directed the NBCC to submit the revised cost for these five buildings without considering STP. NBCC informed that the revised estimated cost (w/o STP) was ₹2,26,48,25,709/- and also submitted the same vide their email dated 13.05.2025.</p> <p>During the meeting, committee also inquired for the Estimated Tendered Cost & tentative Completion cost of the project. CGM NBCC informed that Estimated Tendered Cost will be Rs. 193.13 Cr. and the estimated completion cost will be within the sanctioned cost of Rs 200.99 Cr which will depend upon the response of the tender.</p> <p>Further, he also informed that after the approval of Estimates by the University NBCC will submit the Design Basis Report which will include the complete details of the design, other provisions and the finishing schedule of the work. After the approval of DBR the tender will be floated by NBCC.</p> <p><i>The Building Committee after detailed discussions, unanimously resolved to approve the following:</i></p> <ol style="list-style-type: none"><u>1. Considering the Estimated Tendered Cost of Rs. 193.13 Cr and completion cost of Rs 200.32 Cr. The Committee approved the revised estimates of Rs. 2,26,48,25,709/-.</u><u>2. The cost of the STP & other external services to be included in new proposals being taken up by the University.</u><u>3. After tendering process is completed, NBCC to submit the tentative cost of completion. If the cost increases from the sanctioned cost, then University may approach to HEFA/MOE for approval of revised cost of the project.</u> <p>The matter was considered by the Executive Council in its 62nd meeting on 08.06.2025 and the Executive Council unanimously resolve to approve the recommendations of Building Committee subject to approval of Finance Committee.</p> <p>The matter is therefore placed before the Finance Committee for the approval of above recommendations of the building</p>
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	Committee.
<u>RESOLVE</u>	<p>The Finance Committee deliberated the matter in detail and noted that the estimates submitted for approval of FC do not include the cost of STP, as it was not included in the original estimates either.</p> <p>The Finance Committee also noted that, as recommended by the Building Committee, the estimated cost of completion including PMC fee will be less than the approved HEFA loan of Rs. 201 Cr.</p> <p>In view of the above, the Finance Committee unanimously resolved to approve the recommendations of the 60th meeting of the Building Committee.</p>
<p><u>Item.No:FC:37:2025:10</u></p> <p>To Consider the Construction of main campus of Central University of Punjab of Phase 1A & 1B works –Arbitration notice from M/s KSM Bashir Mohd. & Sons.</p>	<p><u>AGENDA NOTE:</u></p> <p>M/s KSMB vide letter no. KSMB/EIL/CUPB-01/1502/2025 dated 15.02.2025 and KSMB/EIL/CUPB-02/1502/2025 dated 15.02.2025 served the demand notice and has called upon Vice Chancellor CU Punjab to facilitate settlement of dispute. The matter was sent to Engineer India Limited (EIL), the PMC of the project for their perusal. The reply of EIL vide email dated 17.03.2025 is reproduced as under:</p> <p><i>“This bears reference to your trailing email. It is essential to note that,</i></p> <ul style="list-style-type: none"> <i>• The works were awarded to the Contractor by CUPB through EIL acting as its constituted attorney.</i> <i>• Phase 1A work was completed by the contractor on 29.09.2020.</i> <i>• The constructed buildings and facilities handed over to CUPB progressively including Correspondences, Quality documents, certified RA Bills, Final Bills etc.</i> <i>• EIL’s Engineer-in-Charge was also demobilized from site in May 2021 in consultation with CUPB.</i> <i>• The Defect Liability Period as per the contract is also completed.</i> <i>• After completion of Defect Liability Period of contracts, the entire site team associated in this project was also demobilized from site.</i> <i>• As per Clause 2.23 of Contract agreement between EIL who was the Engineers in Charge and CUPB read with Clause 1.15, EIL’s contractual obligation was to assist only in the post construction period i.e. till the end of the Defect Liability Period which has already elapsed.</i> <p><i>Hence, EIL having been Engineers-in-Charge, has already</i></p>



	<p><i>fulfilled all its contractual obligations, provided all documents which include the merits & facts of the case and has no further role to play in this regard”.</i></p> <p>However, as per the clause no. 2.23 of the agreement between CU Punjab & Engineer India Limited, “The PMC shall also perform post construction activities including inspecting the defective works for their ratification during the defect liability period for one year after physical completion. The Project Management Consultant shall be responsible to defend the cases of arbitration, if any, in the post construction period but extra cost will be reimbursed by CLIENT on actual basis”. Moreover, M/s EIL was the PMC of the project, therefore all the correspondence and the facts of the case are available with EIL only as they have done all the correspondence of the contractor during the preconstruction, designing, construction stage and post construction stages.</p> <p>Therefore, the matter was considered by the University and letter was issued to EIL to defend the arbitration on behalf of the University and the University will reimburse the actual cost incurred on the Arbitration case.</p> <p>In due course of time, M/s KSM Bashir Mohd. & Sons vide their letter no. KSMB/EIL/CUPB-01/1404/2025 dated 14.04.2025 and KSMB/EIL/CUPB-02/1404/2025 dated 14.04.2025 had requested the Vice Chancellor, CU Punjab to appoint the Sole Arbitrator.</p> <p>From the past experience, it was evident that if the University will not appoint the Arbitrator then the contractor will get the arbitrator appointed by the Court. However, in case, the University appoints the Arbitrator; it has a liberty to appoint the technical or legal background Arbitrator. As the matter is purely a technical matter and if the Arbitrator is appointed from a technical background he will be able to understand the issues technically and would resolve the disputes accordingly. The matter was discussed telephonically with Sh. Rajinder kalla, ADG (Retd), CPWD, member Building Committee, accordingly, a panel of 04 retired senior officials of CPWD was constituted by the university and the same was intimated to M/s KSM Bashir Mohd. & Sons vide letter no CUPB/Engg/25-26/CD-154/48 dated 07.05.2025 to select 01 sole Arbitrator from the above panel.</p> <p>The Building Committee after detailed discussions, unanimously resolved that the approach of the University</p>
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	<p>for constitution of panel for selection of Arbitrator is inline standard practice being followed for such cases and the recommendations of the Committee is as under:</p> <ol style="list-style-type: none"> 1. The Committee directed the Engineering Office to obtain the letter from EIL about their consent to defend the arbitration. 2. The Committee resolved to approve that as per conditions of Agreement University will reimburse the actual cost incurred on the Arbitration case. 3. The Committee approved the arbitration panel constituted by the University and recommended to appoint the sole arbitrator as selected by the contractor from the panel given by the University. <p>The matter is placed before the Finance Committee for the approval of above recommendations of the Building Committee.</p>
<u>RESOLVE:</u>	<p>The Finance Committee discussed the matter in detail and unanimously resolved to approve the following recommendations of the 60th Building Committee meeting:</p> <ol style="list-style-type: none"> <i>1. The Committee directed the Engineering Office to obtain the letter from EIL about their consent to defend the arbitration.</i> <i>2. The Committee resolved to approve that as per conditions of Agreement University will reimburse the actual cost incurred on the Arbitration case.</i> <i>3. The Committee approved the arbitration panel constituted by the University and recommended to appoint the sole arbitrator as selected by the contractor from the panel given by the University.</i> <p>The Committee directed the University that, as per the conditions of the contract, EIL should defend the Arbitration on behalf of the University.</p>
<u>Item.No:FC:37:2025:11</u> To consider and approve the recommendations Building Committee in circulation for in principle approval of cost estimate of Rs. 700 Crores for proposed new buildings in Phase 2B project at Central University of Punjab for	<p><u>AGENDA NOTE:</u></p> <p>The University is planning to prepare a new proposal for obtaining HEFA loan for constructing the additional buildings in the Campus of Central University of Punjab. Accordingly, the Engineering Office of the university vide email dated 28.05.2025 requested NBCC to provide a tentative rough cost estimate for the buildings/facilities that will help the University to decide the buildings/facilities to be incorporated in the proposal in consideration to the availability of funds. Therefore, NBCC was intimated to submit the tentative cost of following buildings:</p>



<p>obtaining new HEFA loan.</p>	<ol style="list-style-type: none"> I. One Academic Block - tentative area 25000 sqm (Academic Block-B as per master plan) II. Residential Accommodation- 84 Nos [60 Type-V (E) and 24 Type-VI (F)], as per latest norms of MoHUA III. Boys' Hostel 600 seater capacity IV. Girls' Hostel 600 Seater capacity V. Expansion of Hostel with 200 additional seating capacity i.e. under construction 400 seater girls' Hostel by NBCC, to be increased to 600 seater. VI. One school building for Kendriya Vidyalaya VII. Multi-Purpose Hall as per guidelines of Sports Authority of India VIII. Auditorium cum-convention Centre of 1500 capacity. Provision for a basement for parking to be kept in the estimate. IX. Animal House Building of 2500 sqm area. X. Health Centre 50 bedded facility XI. Shopping Complex having 15 shops and common seating space XII. One Guest House with 20 guest rooms. XIII. The Internal Roads to connect the above buildings and the balance portion of the main road near Genetic Heritage Park in the Master Plan. XIV. Other Allied Services such as STP, Water Treatment Centre, Water Reservoir/ Storage. XV. A canal designed in the Master Plan to be constructed as it will be additional water storage for the University. <p>NBCC have submitted the overall construction & furnishing cost of above buildings including contingency, taxes & PMC fees amounting to Rs. 870 Crore approximately (Annexure – 37.5).</p> <p>The matter was discussed with the Registrar & Finance Officer of the University and it was informed that considering the availability of Internal Revenue Generation funds (IRG), the university can submit the proposal of upto Rs. 650 crores only. Therefore, the requirement of the University was prioritised according to availability of IRG and it is proposed that the construction of following buildings be taken up for submitting the proposal for obtaining the HEFA loan:</p> <ol style="list-style-type: none"> 1. One Academic Block - tentative area 25000 sqm. 2. Residential Accommodation- 84 Nos [60 Type-V (E) and 24 Type-VI (F)], as per latest norms of MoHUA 3. Boys' Hostel 600 seater capacity 4. Girls' Hostel 600 Seater capacity 5. Building for Kendriya Vidyalaya (5000 Sqm approx.)
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	<ol style="list-style-type: none">6. Multi-Purpose Hall as per guidelines of Sports Authority of India (Medium Size)7. Auditorium cum-convention Centre of 1500 capacity Provision for a basement for parking and other services.8. Animal House Building of 2500 sqm area.9. Health Centre (20 bedded capacity)10. Guest House (20 guest rooms)11. The Internal Roads to connect the above buildings and the balance portion of the main road near Genetic Heritage Park in the Master Plan.12. Other Allied Services such as STP, Water Treatment Centre, Water Reservoir/ Storage.13. A canal designed in the Master Plan to be constructed as it will be additional water storage for the University and the length of canal to be restricted to 1 KM. <p>In view of above and availability of IRG with the University, the budget of Rs. 700 Crores (Annexure-37.6) be in principle approved for submitting the new proposal for obtaining HEFA loan.</p> <p>Presently, NBCC has completed the pre-construction activities upto tendering stage within 2.5 months against 6 months of allowed time from the signing of the agreement. Therefore, the progress of NBCC may be considered as satisfactory. Further, as per the MoU between CU Punjab and NBCC under the clause no. 4.2, the additional work can be given to NBCC considering their satisfactory performance. Accordingly, it is proposed that the work of construction of Phase 2B project i.e. the above said buildings from sr. no. 1 to 13 be entrusted to NBCC on the same fee and terms & conditions of the existing MoU.</p> <p><i>In the view of above, it is proposed that the following decisions be approved by the members of the Building Committee:</i></p> <ol style="list-style-type: none">1) Budget of Rs. 700 Crores (Annexure – 37.6) be in principle approved for submitting the new proposal for obtaining HEFA loan.2) The work of construction of Phase 2B project i.e. the above said buildings from sr. no. 1 to 13 be entrusted to NBCC on the same fee and terms & conditions of the existing MoU. <p>If approved by Statutory bodies of the University, NBCC will be directed to prepare the detailed preliminary estimates with DBR and conceptual drawings of the above building of Phase 2B project.</p>
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	The above matter was considered by the Building Committee through circulation and subsequently the case as above is submitted for kind consideration and approval of sr. no. 1 & 2 above please.
<u>RESOLVE:</u>	The Finance Committee deliberated the matter in detail and unanimously resolved to approve the recommendations of the Building Committee as detailed at Sr. No. 1 & 2 of the agenda note.
<u>Item.No:FC:37:2025:12</u> To consider the Annual Statement of Accounts of the University for the Financial Year 2024-2025.	<u>AGENDA NOTE:</u> The Annual Statement of Accounts for the year 2024-25 are placed at (Annexure-37.7) for approval of the Finance Committee. The Annual Statement of Accounts will be presented to the Executive Council for its onward submission to Comptroller Auditor General of India (CAG), Accountant General, Punjab. The Finance Committee may like to consider the Annual Statement of Accounts of the University for the Financial Year 2024-2025.
<u>RESOLVE:</u>	The Finance Committee discussed the item in detail and unanimously resolved to recommend the Annual Statement of Accounts of the University for the FY 2024-2025 to the Executive Council for approval and for its onward submission to the Comptroller Auditor General of India (CAG), Accountant General, Punjab.
<u>Item.No:FC:37:2025:13</u> To Consider the Budget allocations for Recurring (OH-31), Capital Assets (OH-35) Non-recurring and IRG for the FY 2025-26: OH-31 Rs. 26.0 Crore IRG - Rs. 10.0 Crore OH-35 Rs. 4.0 Crore IRG - Rs. 0.5 Crore	<u>AGENDA NOTE:</u> Consequent upon the approval of the Hon'ble Vice Chancellor, the meetings of the respective committees constituted for the purpose were held on dated 26/05/2025 in the Conference Room of the Registrar's Office, First Floor, Aryabhata Block. Both committees discussed the budget allocation in detail and recommended the allocation for Recurring (OH-31) (Annexure 37.8) , Capital Assets (OH-35) (Annexure 37.9) Non-recurring and IRG for the FY 2025-26 for the approval of the competent authority. The Finance Committee may like to consider the Budget allocations of the University Grants for the Financial Year 2025-2026.
<u>RESOLVE</u>	The Finance Committee discussed the item in detail and unanimously resolved to approve the recommendations of



	<p>the Committee for Budget allocations for Recurring (OH-31), Capital Assets (OH-35) Non-recurring and IRG for the FY 2025-26 as per following:</p> <p style="text-align: center;">OH-31 Rs. 26.0 Crore IRG - Rs. 10.0 Crore</p> <p style="text-align: center;">OH-35 Rs. 4.0 Crore IRG - Rs. 0.5 Crore</p>																
<p>Item.No:FC:37:2025:14:TA:1</p> <p>To consider the proposal to obtain Rs.30 Cr. HEFA loan for procurement of High-end and Small equipment.</p>	<p>AGENDA NOTE:</p> <p>The Central Instrumentation Laboratory (CIL) committee convened on April 29, 2024, at 2:30 PM in the DIA Office to finalize the list of high-end equipment to be procured under the HEFA Loan Scheme. The primary objective of this procurement is to enhance the research productivity of faculty members and students. Equipment requirements were collected through a comprehensive survey conducted among faculty members. The final list was compiled after careful consideration of departmental needs and the potential for the equipment to generate revenue through services offered to external users.</p> <p>Proposed list of equipment</p> <table><tr><th>Sr. No.</th><th>Equipment</th><th>Price in INR (Lakhs)</th><th>Justification</th></tr><tr><td>1</td><td>High Resolution Transmission Electron Microscope (HR-TEM) with Ancillary Equipment</td><td>1800</td><td>It is a powerful tool used in various scientific and industrial fields for imaging, analysis, and characterization at the atomic scale. Here are key applications of HRTEM:<ul style="list-style-type: none">✓ Material Science & Technology✓ Semiconductor & Electronics✓ Physics and Crystallography✓ Chemistry & Catalysis✓ Biological & Medical Research</td></tr><tr><td>2</td><td>Single Crystal X-Ray Diffractometer (XRD)</td><td>400</td><td>It is a precision instrument used to determine the three-dimensional atomic structure of crystalline materials. It is one of the most powerful techniques for analyzing materials at the atomic level, offering exact information on atomic positions, bond lengths, and angles. Here are key applications of this equipment:<ul style="list-style-type: none">✓ Chemistry and Crystallography✓ Solid State Physics</td></tr><tr><td>3</td><td>Wavelength Dispersive X-Ray Fluorescence (WD-XRF)</td><td>150</td><td>It is a precise and reliable analytical technique used for qualitative and quantitative elemental analysis. It has wide-ranging applications across many industries due to its high resolution, accuracy, and ability to detect a broad range of elements (from beryllium to uranium.) Here are key applications of WD-XRF:<ul style="list-style-type: none">✓ Material Science & Metallurgy✓ Mining & Geology✓ Cement & Building Materials✓ Environmental Science✓ Petroleum & Coal Industry</td></tr></table>	Sr. No.	Equipment	Price in INR (Lakhs)	Justification	1	High Resolution Transmission Electron Microscope (HR-TEM) with Ancillary Equipment	1800	It is a powerful tool used in various scientific and industrial fields for imaging, analysis, and characterization at the atomic scale. Here are key applications of HRTEM: <ul style="list-style-type: none">✓ Material Science & Technology✓ Semiconductor & Electronics✓ Physics and Crystallography✓ Chemistry & Catalysis✓ Biological & Medical Research	2	Single Crystal X-Ray Diffractometer (XRD)	400	It is a precision instrument used to determine the three-dimensional atomic structure of crystalline materials. It is one of the most powerful techniques for analyzing materials at the atomic level, offering exact information on atomic positions, bond lengths, and angles. Here are key applications of this equipment: <ul style="list-style-type: none">✓ Chemistry and Crystallography✓ Solid State Physics	3	Wavelength Dispersive X-Ray Fluorescence (WD-XRF)	150	It is a precise and reliable analytical technique used for qualitative and quantitative elemental analysis. It has wide-ranging applications across many industries due to its high resolution, accuracy, and ability to detect a broad range of elements (from beryllium to uranium.) Here are key applications of WD-XRF: <ul style="list-style-type: none">✓ Material Science & Metallurgy✓ Mining & Geology✓ Cement & Building Materials✓ Environmental Science✓ Petroleum & Coal Industry
Sr. No.	Equipment	Price in INR (Lakhs)	Justification														
1	High Resolution Transmission Electron Microscope (HR-TEM) with Ancillary Equipment	1800	It is a powerful tool used in various scientific and industrial fields for imaging, analysis, and characterization at the atomic scale. Here are key applications of HRTEM: <ul style="list-style-type: none">✓ Material Science & Technology✓ Semiconductor & Electronics✓ Physics and Crystallography✓ Chemistry & Catalysis✓ Biological & Medical Research														
2	Single Crystal X-Ray Diffractometer (XRD)	400	It is a precision instrument used to determine the three-dimensional atomic structure of crystalline materials. It is one of the most powerful techniques for analyzing materials at the atomic level, offering exact information on atomic positions, bond lengths, and angles. Here are key applications of this equipment: <ul style="list-style-type: none">✓ Chemistry and Crystallography✓ Solid State Physics														
3	Wavelength Dispersive X-Ray Fluorescence (WD-XRF)	150	It is a precise and reliable analytical technique used for qualitative and quantitative elemental analysis. It has wide-ranging applications across many industries due to its high resolution, accuracy, and ability to detect a broad range of elements (from beryllium to uranium.) Here are key applications of WD-XRF: <ul style="list-style-type: none">✓ Material Science & Metallurgy✓ Mining & Geology✓ Cement & Building Materials✓ Environmental Science✓ Petroleum & Coal Industry														



				<ul style="list-style-type: none">✓ Food & Agriculture✓ Forensic Science✓ Pharmaceuticals & Cosmetics
4	(FE-SEM attachment) i. Cathode Luminescence (CL) Imaging ii. Critical Point Drier (CPD) iii. Carbon Coater	50	<ul style="list-style-type: none">➤ CL Imaging method provides valuable insights into the optical and electronic properties of materials at high spatial resolution. It is used in<ul style="list-style-type: none">✓ Geology and Mineralogy✓ Semiconductor materials✓ Material science & Nanotechnology➤ CPD is an essential sample preparation tool in SEM, especially for biological and porous materials. It enables drying of specimens without structural collapse or deformation, which is critical for high-resolution imaging.➤ A Carbon Coater is a vital instrument used in Scanning Electron Microscopy (SEM) sample preparation, particularly when analyzing non-conductive or beam-sensitive materials. It deposits a thin, conductive carbon film over the sample surface to prevent charging and enhance image quality	
5	Electrochemical Work Station	50	Used to study the electrochemical properties of materials and systems. Here are the key applications : <ul style="list-style-type: none">✓ Battery & Supercapacitor Research✓ Fuel Cells & Electrolyzers✓ Sensor Development✓ Fundamental Electrochemical Studies	
6	Small Equipment for Teaching & Research	550	For small Equipment	
	Grand Total (Lakhs)	3000		

The recommendations of the committee are placed at Annexure-37.10.

The matter is placed before the Finance Committee for consideration.

<u>RESOLVE</u>	<p>The Finance Committee discussed the item in detail and unanimously resolved to approve the proposal of the university for the purchase of following High-end and Small equipment from HEFA Loan amounting to Rs. 30.00 Cr.:</p> <table><tr><th>Sr. No.</th><th>Equipment</th><th>Price in INR (Lakhs)</th><th>Justification</th></tr><tr><td>1</td><td>High Resolution Transmission Electron Microscope (HR-TEM) with Ancillary Equipment</td><td>1800</td><td>It is a powerful tool used in various scientific and industrial fields for imaging, analysis, and characterization at the atomic scale. Here are key applications of HRTEM:<ul style="list-style-type: none">✓ Material Science & Technology✓ Semiconductor & Electronics</td></tr></table>	Sr. No.	Equipment	Price in INR (Lakhs)	Justification	1	High Resolution Transmission Electron Microscope (HR-TEM) with Ancillary Equipment	1800	It is a powerful tool used in various scientific and industrial fields for imaging, analysis, and characterization at the atomic scale. Here are key applications of HRTEM: <ul style="list-style-type: none">✓ Material Science & Technology✓ Semiconductor & Electronics
Sr. No.	Equipment	Price in INR (Lakhs)	Justification						
1	High Resolution Transmission Electron Microscope (HR-TEM) with Ancillary Equipment	1800	It is a powerful tool used in various scientific and industrial fields for imaging, analysis, and characterization at the atomic scale. Here are key applications of HRTEM: <ul style="list-style-type: none">✓ Material Science & Technology✓ Semiconductor & Electronics						



				<ul style="list-style-type: none">✓ Physics and Crystallography✓ Chemistry & Catalysis✓ Biological & Medical Research
	2	Single Crystal X-Ray Diffractometer (XRD)	400	<p>It is a precision instrument used to determine the three-dimensional atomic structure of crystalline materials. It is one of the most powerful techniques for analyzing materials at the atomic level, offering exact information on atomic positions, bond lengths, and angles. Here are key applications of this equipment:</p> <ul style="list-style-type: none">✓ Chemistry and Crystallography✓ Solid State Physics
	3	Wavelength Dispersive X-Ray Fluorescence (WD-XRF)	150	<p>It is a precise and reliable analytical technique used for qualitative and quantitative elemental analysis. It has wide-ranging applications across many industries due to its high resolution, accuracy, and ability to detect a broad range of elements (from beryllium to uranium.) Here are key applications of WD-XRF:</p> <ul style="list-style-type: none">✓ Material Science & Metallurgy✓ Mining & Geology✓ Cement & Building Materials✓ Environmental Science✓ Petroleum & Coal Industry✓ Food & Agriculture✓ Forensic Science✓ Pharmaceuticals & Cosmetics
	4	(FE-SEM attachment) iv. Cathode Luminescence (CL) Imaging v. Critical Point Drier (CPD) vi. Carbon Coater	50	<ul style="list-style-type: none">➤ CL Imaging method provides valuable insights into the optical and electronic properties of materials at high spatial resolution. It is used in<ul style="list-style-type: none">✓ Geology and Mineralogy✓ Semiconductor materials✓ Material science & Nanotechnology➤ CPD is an essential sample preparation tool in SEM, especially for biological and porous materials. It enables drying of specimens without structural collapse or deformation, which is critical for high-resolution imaging.➤ A Carbon Coater is a vital instrument used in Scanning Electron Microscopy (SEM) sample preparation, particularly when analyzing non-conductive or beam-sensitive materials. It deposits a thin,



					conductive carbon film over the sample surface to prevent charging and enhance image quality
	5	Electrochemical Work Station	50		Used to study the electrochemical properties of materials and systems. Here are the key applications : ✓ Battery & Supercapacitor Research ✓ Fuel Cells & Electrolyzers ✓ Sensor Development ✓ Fundamental Electrochemical Studies
	6	Small Equipment for Teaching & Research	550		For small Equipment
		Grand Total (Lakhs)	3000		
<u>Item.No:FC:37:2025:15</u> To fix the date of the next meeting of the Finance Committee.	<p>The Finance Committee may like to fix the next date of meeting of the Finance Committee as per need.</p> <p>The Finance Committee authorized the Vice-Chancellor to fix the next date of meeting of the Finance Committee.</p>				

While discussing the agenda, the Comments received from IFD (MoE), CU Bureau of MoE were considered by the Finance Committee.

The meeting of the Finance Committee concluded with vote of thanks from & to the Chair.

Sd/-
(Dr. Rajkumar Sharma)
Finance Officer &
Secretary, Finance Committee

Minutes Approved

Sd/-
(Prof. Raghavendra P. Tiwari)
Vice-Chancellor &
Chairman, Finance Committee