

Pradhan Mantri Uchchatar Shiksha Abhiyan  
(PM-USHA)

Multi-Disciplinary Education and Research Universities (MERU) - Part I

Ministry of Education  
Department of Higher Education  
New Delhi

Infra Renovation							
S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
1	Advanced computing and Research Complex - Online Examination Centre	Training Centre for competitive Examinations Centre for educational technologies and e-learning Capacity Building for e-Governance and ICT Training Centre	170	10,000	17,021,167	To host secure online examinations Providing Centre for educational technologies Provide real-time interaction Learning mangement system integration Student management Online academic help desks Robust cybersecurity To advance scientific knowledge Accelerate medical discoveries Support interdisciplinary collaboration	Old-Record
2	Advanced computing and Research Complex - Online Examination Centre-Construction of first floor of Golden Jubilee	Training Centre for competitive Examinations Centre for educational technologies and e-learning	11534.7	2,505	28,900,000	To host secure online examinations Providing Centre for educational technologies Provide real-time interaction Learning management system integration Student management	Updated-Old-Record

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
2	Academic block	Capacity Building for e-Governance and ICT Training Centre	11534.7	2,505	28,900,000	Online academic help desks Robust cybersecurity To advance scientific knowledge Accelerate medical discoveries Support interdisciplinary collaboration	Updated-Old-Record
3	Modernization - Hindi Department	Classrooms, Laboratories	1666	10,000	16,665,500	Alignment Standards with Accreditation and Quality	Old-Record
4	Modernization - Hindi Department-Extension and modification for library	Extension and modification for library	2119.1	1,652	3,500,000	Alignment Standards with Accreditation and Quality	Updated-Old-Record
5	Development and Upgradation of M. Sc. Applied Zoology programme	Classrooms, Laboratories	600	10,000	6,000,000	Alignment with Accreditation and Quality Standards	Old-Record
6	Development and Upgradation of M. Sc. Applied Zoology programme- Modernization in Dept of zoology	Development and Upgradation of M. Sc. Applied Zoology programme-- Classrooms, Laboratories	2560.8	1,484	3,800,000	Alignment with Accreditation and Quality Standards	Updated-Old-Record
7	Madhava Observatory	Rooms, Storage place	500	10,000	5,000,000	To advance scientific knowledge Drive technological innovation Promote education and public engagement Address pressing societal challenges	Old-Record
8	Madhava Observatory-No civil work- Renovation and upgradation-	Digitarium @planetarium system- Purchase of Digiral Projection 4KUHD video projector with remote control- 1 no- unit cost-1911000	0	0	1,911,000	To advance scientific knowledge Drive technological innovation Promote education and public engagement Address pressing societal challenges	Updated-Old-Record
9	Development and Upgradation of Pareeksha Bhavan	Rooms, Storage place	2000	10,000	20,000,000	Adapt to changing educational and technological landscapes Improve the examination experience for candidates Maintain the credibility and effectiveness of assessment processes	Old-Record
10	Development and Upgradation of Pareeksha Bhavan-Renovation of Exam Distance Education block.	Rooms, -Renovation	4842	149	720,000	Adapt to changing educational and technological landscapes Improve the examination experience for candidates Maintain the credibility and effectiveness of assessment processes	Updated-Old-Record
11	Digitalization: Audio-visual Theatre and Conference Hall	Setting AV Theatre	206	10,000	2,065,000	Provide access to education Preserve cultural heritage Promote digital literacy Amplify the voices of marginalized groups through multimedia Contribute to social and economic development Preserve and celebrate cultural diversity	Old-Record
12	Russian and Comparative Literature-Digitalization: Audio-visual Theatre and Conference Hall	Setting AV Theatre	447.62	1,340	600,000	Provide access to education Preserve cultural heritage Promote digital literacy Amplify the voices of marginalized groups through multimedia Contribute to social and economic development Preserve and celebrate cultural diversity	Updated-Old-Record
13	Renovation and upgradation of the television studio and audio-visual lab system and conducting short term courses for local and marginalised communities	Setting AV Labs	630	10,000	6,300,000	Upgrading and renovating studio and systems lab Improve efficiency in media production	Old-Record
14	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-purchase of Camcorder 4k-2 nos-unit prize-130000	Setting AV Labs-Renovation and upgradation	0	0	260,000	Upgrading and renovating studio and lab systems, Improve efficiency in media production	Updated-Old-Record
15	Kerala Media Archive	Setting AV Labs	1500	10,000	15,000,000	Preservation of Cultural Heritage	Old-Record
16	Kerala Media Archive-Building annexure	Setting AV Labs-extension of existing facilities	2152	2,440	5,250,000	Preservation of Cultural Heritage	Updated-Old-Record
17	Revamping Multimedia Hall (Language Lab)	Setting multimedia hall	65	10,000	647,477	Enhance multimedia learning Updating language software Evaluate students' language proficiency	Old-Record
18	English-Revamping Multimedia Hall (Language Lab)- Modernization-Purchase of PA speakers-4 nos-unit prize-10563	Setting multimedia hall	0	0	42,252	Public address	Updated-Old-Record
19	Integrated PG/ FYUG programme in	Classrooms,Computer, Laboratory	375	10,000	3,750,000	Holistic Understanding of Development Community	Old-Record

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
19	Developmental studies - Modernization	Classrooms,Computer, Laboratory	375	10,000	3,750,000	development Social work and counseling Corporate social responsibility Research and Academia	Old-Record
20	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab- High performance Desktop Computer-5nos. Unit cost 1,61,000	0	0	805,000	To establish a state-of-the-art development and policy lab	Updated-Old-Record
21	Integrated PG/ FYUG programme in Chemistry - Modernization	Classrooms, Laboratories	941	10,000	9,410,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	Old-Record
22	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of rotary evaporator - 2 Nos - 750000 Unit Price	0	0	1,500,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	Updated-Old-Record
23	Integrated PG/ FYUG programme in Physics - Modernization	Classrooms, Laboratories	1100	10,000	11,000,000	Academic pursuits Quantitative skill development High demand in technology Space and aerospace industries	Old-Record
24	Integrated PG/ FYUG programme in Physics - Modernization-No civil work	Classrooms, Laboratories-Modernization-purchase of chemical vapour deposition system - 1 Nos - 2650000	0	0	2,650,000	Academic pursuits Quantitative skill development High demand in technology Space and aerospace industries	Updated-Old-Record
25	Revamping of PG programme in Physics	Classrooms, Laboratories	600	10,000	6,000,000	Advancement in Physics Technological integration Career preparation	Old-Record
26	Revamping of PG programme in Physics-No civil work	Classrooms, Laboratories-Modernization-purchase of electrochemical workstation - 1 Nos - Unit Price: 2500000	0	0	2,500,000	Advancement in Physics Technological integration Career preparation	Updated-Old-Record
27	Development and Implementation of a Psychological First Aid Manual: A Facilitator's Guide	Rooms, Semianr hall, Laboratories	117	10,000	1,171,000	Improve the psychological well-being of individuals Crisis response	Old-Record
28	Psychology-Development and Implementation of a Psychological First Aid Manual:No civil work A Facilitator's Guide	purchase of workshop kit and books,book shelf etc.-rate- 80005	0	0	80,005	Improve the psychological well-being of individuals Crisis response	Updated-Old-Record
29	Opening spaces for dialogues on disability	Rooms, Semianr hall, Laboratories	113	10,000	1,138,000	Goal of promoting understanding, inclusivity, and advocacy for individuals with disabilities	Old-Record
30	psychology-Opening spaces for dialogues on disability	Resource room development-Appropriate furnishing of seminar Hall for group interaction activites-amount-809970	0	0	809,970	Goal of promoting understanding, inclusivity, and advocacy for individuals with disabilities	Updated-Old-Record
31	Upgradation of Psychology Laboratory	Rooms, Seminar hall, Laboratories	103	10,000	1,029,914	Enhanced learning Interdisciplinary research Upgrading current trends and methodology in psychology	Old-Record
32	Psychology-Upgradation of Psychology Laboratory as part of modernization-no civil work-	purchase of The Wide Range Achievement Test Fifth Edition (WRAT5T)- 1 no-unit prize-29999	0	0	29,999	to assess and monitor the reading, spelling, and math skills, and helps identify possible learning disabilities.	Updated-Old-Record
33	A Part-time Job Opportunity Centre with a Strong Tie with Agro-Processing Industries	Classrooms, Library, Seminar Hall, Laboratories	400	10,000	4,000,000	Small-scale and large-scale agro processing Value-added activity Women empowerment	Old-Record
34	A Part-time Job Opportunity Centre with a Strong Tie with Agro-Processing Industries-No Civil work,purchase of Shelf Big -10 Nos.-unit prize-34000	Focus on agro processing industries,student employment-purchase of furniture	0	0	340,000	for storage	Updated-Old-Record
35	Skill development workshops and field visits	Classrooms, Library, Seminar Hall, Laboratories	749	10,000	7,497,000	Supporting economic development Promoting responsible and ethical tourism practices	Old-Record
36	Skill development workshops and field visits-no civil work-purchase of STATA 18 Basic Edition-student Lab- 1 no-600000	Supporting economic development Promoting responsible and ethical tourism practices	0	0	600,000	For data science needs of the students,especially data manipulation ,visualisation, statistics and automatic reporting.	Updated-Old-Record
37	Modernization - Political Science	Class room	640	10,000	6,400,000	Facilitate networking, community building, and knowledge sharing	Old-Record
38	Modernization - Political Science-Modernisation of Library, Conference hall and class rooms in the Department of Political Science	Modernisation of Library, Conference hall and class rooms in the Department of Political Science	5385.8	380	2,045,000	Facilitate networking, community building, and knowledge sharing	Updated-Old-Record
39	Sports Pavilion (Physical education	Rooms, Storage place	5000	10,000	50,000,000	Develop athletes of International standards Establish a physically fit society in	Old-Record

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
39	Sports Pavilion (Physical education)	Rooms, Storage place	5000	10,000	50,000,000	the rural villages of Malabar	Old-Record
40	Sports Pavilion (Physical education)	Rooms, Storage place	11298	4,426	50,000,000	Develop athletes of International standards Establish a physically fit society in the rural villages of Malabar	Updated-Old-Record
41	Modernization - Arabic Dept	Rooms, Library	3000	10,000	30,000,000	Enhance basic facilities	Old-Record
42	Modernization - Arabic Dept-Renovation works in the Studio && Computer lab in Arabic Department	Renovation works in the Studio && Computer lab in Arabic Department	519.6	1,155	600,000	Enhance basic facilities	Updated-Old-Record
43	Modernization - Folklore studies	Class Rooms, Theatre, Seminar hall	113	10,000	1,130,600	Enhance basic facilities	Old-Record
44	Modernization - Folklore studies(No civil work)	Modernization-Purchase of Dias table- 1 no. Unit cost- 49,972	0	0	49,972	To make convenient conducting of seminars in the seminar hall	Updated-Old-Record
45	Modernization - Central Library	Rooms, Storage room, Digital wing	215	10,000	2,158,931	Enhance basic facilities	Old-Record
46	Modernization -Library and Information Science-Renovation of rooms	Rooms, Storage room,	1345	1,604	2,158,931	Enhance basic facilities	Updated-Old-Record
47	Modernization - Philosophy	Class rooms, Seminar hall, Library	190	10,000	1,900,000	Enhance basic facilities	Old-Record
48	Modernization - Philosophy-No Civil Work	purchase of double side accessible open rack library book shelf as per drawing-nos-10 unit cost- 37214	0	0	372,140	enhance basic facilities	Updated-Old-Record
49	Modernization - Mathematics	Class rooms, Seminar hall, Library, Laboratory	1256	10,000	12,560,000	Enhance basic facilities	Old-Record
50	Modernization - Mathematics-	Class rooms, Seminar hall, Library, Laboratory	1345	1,264	1,700,000	Enhance basic facilities	Updated-Old-Record
51	Modernization - Commerce and Management	Class rooms, Seminar hall, Library	390	10,000	3,900,000	Enhance basic facilities	Old-Record
52	Modernization - Commerce and Management-Renovation of seminar hall and HOD toilet in department of commerce and Management Studies	Renovation of seminar hall and HOD toilet in department of commerce and Management Studies	384.9	714	275,000	Enhance basic facilities	Updated-Old-Record
53	Modernization - Statistics	Class rooms, Seminar hall, Library	2000	10,000	20,000,000	Enhance basic facilities	Old-Record
54	Modernization - Statistics department-False ceiling in the smart room and grills in the entrance and battery room of the department	Renovation as part of modernization	914.6	295	270,000	1.Grills for the safety of the students and safeguarding the valuable equipment/furniture and other items of the department. 2.For improving accoustics, reducing heat and noise, temperaturecontrol and improving air conditioning.Also to provide a clean,elegant finish that enhances the rooms visual appeal	Updated-Old-Record
55	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of 4 – digit balance with 0.1 mg precision - 4 Nos - 120000 Unit Price	0	0	480,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
56	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Hot air oven - 2 Nos - 35000 Unit Price	0	0	70,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
57	Integrated PG/ FYUG programme in Physics - Modernization-No civil work	Classrooms, Laboratories-Modernization-purchase of chemicals and consumables : Total cost: 200000	0	0	200,000	Academic pursuits Quantitative skill development High demand in technology Space and aerospace industries	New Addition
58	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Ultra-centrifuge - 2 Nos - 350000 Unit Price	0	0	700,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
59	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Two electrode Swagelok cell - 1 No - 14000 Unit Price	0	0	14,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
60	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Vacuum drying oven with pump - 1 No - 132000 Unit Price	0	0	132,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
61	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Vacuum final sealing machine - 1 No - 340000 Unit Price	0	0	340,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
62	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Ultrasonic bath Sonicator - 4 Nos - 40000 Unit Price	0	0	160,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
63	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Mechanical Stirrer - 2 Nos - 16000 Unit Price	0	0	32,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
64	Life Science-Establishment of a Next Generation Sequencing (NSG) and	NSG -Purchase of Air Conditioner- 2 ton 2nos	0	0	100,000	Purchase for establishment of NSG in the Department of Life Science	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
64	Analysis Facility	NSG -Purchase of Air Conditioner- 2 ton 2nos	0	0	100,000	Purchase for establishment of NSG in the Department of Life Science	New Addition
65	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Teflon lined autoclave for high pressure synthesis - 1 No - 32000 Unit Price	0	0	32,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
66	Life Science-Establishment of a Next Generation Sequencing (NSG) and Analysis Facility	NSG -Purchase of Air Conditioner- 1.5 ton 2nos	0	0	72,000	Purchase for establishment of NSG in the Department of Life Science	New Addition
67	Revamping of PG programme in Physics - No civil work	Classrooms, Laboratories- Modernization-purchase of desktops for computational lab - 1 Nos - Unit Price: 1500000	0	0	1,500,000	Advancement in Physics Technological integration Career preparation	New Addition
68	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Syringe Pump - 1 No - 40000 Unit Price	0	0	40,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
69	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Water bath with heater (10 L) capacity- 1 No - 40000 Unit Price	0	0	40,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
70	Revamping of PG programme in Physics - No civil work	Classrooms, Laboratories- Modernization-purchase of airconditioners - 10 Nos (Unit cost: 50,000)	0	0	500,000	Advancement in Physics Technological integration Career preparation	New Addition
71	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Electric Crimping Machine for Coin Cell Battery - 1 No - 135000 Unit Price	0	0	135,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
72	Life Science-Establishment of a Next Generation Sequencing (NSG) and Analysis Facility	NSG -Electrification	0	0	28,000	For establishment of NSG in the Department of Life Science	New Addition
73	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase ofPeltier Thermostatted single cell holder (Water cooled) for UV – VIS NIR Spectrophotometer with refrigerated water circulation bath - 1 No - 700000 Unit Price	0	0	700,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
74	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Consumables and Necessary chemicals for different laboratories of FYUGP in Chemistry - 1 No - 1800000 Unit Price	0	0	1,800,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
75	Revamping of PG programme in Physics - No civil work	Classrooms, Laboratories- Modernization-purchase of ups (5KVA (3.75KW)) - 2 Nos - Unit Price: 150000)	0	0	300,000	Advancement in Physics Technological integration Career preparation	New Addition
76	Revamping of PG programme in Physics - No civil work	Classrooms, Laboratories- Modernization- Upgradation of teaching laboratories - Purchase of general purpose minor equipments (For 5 laboratories) - Total cost: 600000	0	0	600,000	Advancement in Physics Technological integration Career preparation	New Addition
77	Revamping of PG programme in Physics - No civil work	Classrooms, Laboratories- Modernization-Upgradation of class rooms and seminar hall (5 rooms) - Purchase of projectors and green boards : Total cost: 600000	0	0	600,000	Advancement in Physics Technological integration Career preparation	New Addition
78	Life Science- Analytical Biochemistry Lab	Renovation in the Department of Life Science	3227	217	700,000	Biochemical quality control Linkage to Food and pharmaceutical industries	New Addition
79	Russian and Comparative literature department- Modernization	Modernization-Purchase of HDMI cable- 1 no-unit prize-14000-For setting up Audio visual system	0	0	14,000	Purchase as part of Modernization	New Addition
80	English-Revamping Multimedia Hall-Modernization-	Setting multimedia hall-Purchase of Table-10 nos-unit prize-6857	0	0	68,570	General/writing	New Addition
81	Russian and Comparative literature department- Modernization-	For setting up Audio visual system-Purchase of Wall Mount Rack-1 no-unit prize-18500	0	0	18,500	Purchase as part of Modernization	New Addition
82	Russian and Comparative literature department- Modernization-	Purchase of Mixing Console- 1 no-unit prize-82000-For setting up Audio visual system	0	0	82,000	Purchase as part of Modernization	New Addition
83	Russian and Comparative literature department- Modernization	-Purchase of Dual channel wireless microphone -1 no-unit prize-55200-For setting up Audio visual system	0	0	55,200	Purchase as part of Modernization	New Addition
84	English-Revamping Multimedia Hall-Modernization-	Setting multimedia hall-Purchase of High definition projector with screen- 1 no- unit prize-49811 Projector -46161 screen-3650	0	0	50,904	Display videos and learning materials in the Hall	New Addition
85	Russian and Comparative literature department- Modernization	-Purchase of cabling and conduit- 180 mtr-32400-For setting up Audio visual system	0	0	32,400	Purchase as part of Modernization	New Addition
86	Russian and Comparative literature department- Modernization-	Purchase of Air conditioners- 2 nos-unit prize-50500-For setting up Audio visual system	0	0	101,000	Purchase as part of Modernization	New Addition
87	Russian and Comparative literature department-	Modernization-Purchase of ups- 2 nos-unit prize-246175-For setting up Audio visual system	0	0	49,235	Purchase as part of Modernization	New Addition
88	Russian and Comparative literature department-	Additional cost required for installation other than standard	0	0	10,000	As part of Modernization	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
88	Modernization-	installation-10000-For setting up Audio visual system	0	0	10,000	As part of Modernization	New Addition
89	Russian and Comparative literature department-Modernization-	Purchase of laptops-4 nos-unit prize-32499-For setting up Audio visual system	0	0	129,996	Purchase as part of Modernization	New Addition
90	Russian and Comparative literature department-Modernization-	Purchase of Headphone-5 nos-unit prize-3280-For setting up Audio visual system	0	0	16,400	Purchase as part of Modernization	New Addition
91	English-Revamping Multimedia Hall-Modernization-	Purchase of wireless microphone-1 no-unit prize-7650-Setting multimedia hall	0	0	7,650	Public address and audience response	New Addition
92	English-Revamping Multimedia Hall-Modernization	-Purchase of stage microphone Ahuja AUD-97 XLR-2 nos-unit prize-1120-Setting multimedia hall	0	0	2,240	Public address from stage	New Addition
93	English-Revamping Multimedia Hall-Modernization-	Purchase of Head/Neck band Microphone Ahuja ABW 400UL-1 no-unit prize-2500-Setting multimedia hall	0	0	2,500	For interactive Lectures/portable microphone to be worn around the neck	New Addition
94	English-Revamping Multimedia Hall-Modernization-	Purchase of PA Amplifier Ahuja TZA4000-1 no-unit prize-29179-Setting multimedia hall	0	0	29,179	Public Address system	New Addition
95	English-Revamping Multimedia Hall-Modernization-	Purchase of Microphone stand Ahuja DGN-1 no-unit prize-1640-Setting multimedia hall	0	0	1,640	Public Address system	New Addition
96	English-Revamping Multimedia Hall-Modernization-	Purchase of chair-100 nos-unit prize-3974 -Setting multimedia hall	0	0	397,400	General seating	New Addition
97	English-Revamping Multimedia Hall-Modernization-	Stage 1 ft height-unit prize-45142-Setting multimedia hall	0	0	45,142	Lecture	New Addition
98	Modernization of the Department of Zoology-	purchase of furniture-Student's table-small-75 nos-unit prize-7100-Modernization of classrooms,laboratories, and seminar hall	0	0	532,500	For three classrooms with 25 students each	New Addition
99	Modernization of the Department of Zoology-	purchase of furniture-Jefferson chair with writing pad-50 nos-unit prize-4900-Modernization of classrooms,laboratories, and seminar hall	0	0	245,000	For seminar hall	New Addition
100	Modernization of the Department of Zoology-	purchase of furniture-Podium- 1 no-unit prize-8700-Modernization of classrooms,laboratories, and seminar hall	0	0	8,700	For seminar Hall	New Addition
101	Modernization of the Department of Zoology	-purchase of furniture-Teacher's table-10 nos-unit prize-54000-Modernization of classrooms,laboratories, and	0	0	540,000	For teachers	New Addition
102	Modernization of the Department of Zoology-	purchase of furniture-Office table-4 nos- unit prize-20950-Modernization of classrooms,laboratories, and seminar hall	0	0	83,800	For office	New Addition
103	Modernization of the Department of Zoology-	purchase of furniture-Seminar Hall table-1 no-unit prize-25000-Modernization of classrooms,laboratories, and	0	0	25,000	For seminar hall stage	New Addition
104	Modernization of the Department of Zoology-	Modernization of classrooms,laboratories, and seminar hall- Purchase of Interactive Smart Wall Panel Display-3 nos-unit prize-200000	0	0	600,000	For classroom teaching	New Addition
105	Russian and Comparative literature department-Modernization	-Purchase of Microphone cables and other all necessary connectors- as required-34000 For setting up Audio visual system	0	0	34,569	Purchase as part of Modernization	New Addition
106	Modernization of the Department of Zoology-	purchase for seminar hall projection facility-Interactive Digital Panel Dispaly-1 no-unit cost- 300000-Modernization of classrooms,laboratories, and seminar hall	0	0	300,000	For classroom teaching	New Addition
107	Modernization of the Department of Zoology-	purchase of Electrophoresis Unit with Power Pack Horizontal and Vertical-1 no-unit cost-200000-Modernization of classrooms,laboratories, and seminar hall	0	0	200,000	For PG practical classes and research projects	New Addition
108	Modernization of the Department of Zoology-	purchase of UV Vis Microplate Spectrophotometer-1 no-unit cost-950000-Modernization of classrooms,laboratories, and seminar hall	0	0	950,000	For PG practical classes and research projects	New Addition
109	Modernization of the Department of Zoology-	purchase of Biosafety cabinet class II A2-1 no- unit cost-150000 -Modernization of classrooms,laboratories, and seminar hall	0	0	150,000	For PG practical classes and research projects	New Addition
110	Modernization of the Department of Zoology-	purchase of CO2 incubator-1 no-unit cost-350000-Modernization of classrooms,laboratories, and seminar hall	0	0	350,000	For PG practical classes and research projects	New Addition
111	Modernization of the Department of Zoology-	purchase of Mini-PROTEAN Tetra Cell Electrophoresis- 1 no-unit cost-450000-Modernization of classrooms,laboratories, and seminar hall	0	0	450,000	For PG practical classes and research projects	New Addition
112	Modernization of the Department of Zoology-	purchase of Hot air oven-2 nos- unit prize-50000-Modernization of classrooms,laboratories, and seminar hall	0	0	100,000	For PG practical classes and research projects	New Addition
113	Modernization of the Department of Zoology-	purchase of Filtration Assembly 47mm pp Quantity: One Unit cost: Rs. 50,000/-- Modernization of classrooms,laboratories, and seminar hall	0	0	50,000	For PG practical classes and research projects	New Addition
114	Modernization of the Department of Zoology-	purchase of pH Meter Quantity: One Unit cost: Rs. 1,50,000/--	0	0	150,000	For PG practical classes and research projects	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
114	Modernization of the Department of Zoology-	Modernization of classrooms,laboratories, and seminar hall	0	0	150,000	For PG practical classes and research projects	New Addition
115	Modernization of the Department of Zoology-	purchase of 10-in-1 portable Multi Gas Analyser S360 with gas Quantity: One Unit cost: Rs. 3,50,000/-- Modernization of classrooms ,laboratories, and seminar hall	0	0	350,000	For PG practical classes and research projects	New Addition
116	Modernization of the Department of Zoology-	purchase of NMN-25 Micromanipulator Quantity: One Unit cost: Rs. 12,00,000/-- Modernization of classrooms,laboratories, and seminar hall	0	0	1,200,000	For PG practical classes and research projects	New Addition
117	Modernization of the Department of Zoology-	purchase of Computer-assisted Sperm Analyzer(CASA) Quantity: One Unit cost: Rs. 12,00,000/-- Modernization of classrooms,laboratories, and seminar hall	0	0	1,200,000	For PG practical classes and research projects	New Addition
118	Modernization of the Department of Zoology-	purchase of PCR Machine Gradient Quantity: One Unit cost: Rs. 3,50,000/- Modernization of classrooms,laboratories, and seminar hall	0	0	350,000	For PG practical classes and research projects	New Addition
119	Modernization of the Department of Zoology-	UV-Vis Spectrophotometer Quantity: One Unit cost: Rs. 6,00,000/-- Modernization of classrooms,laboratories, and	0	0	600,000	For PG practical classes and research projects	New Addition
120	Modernization of the Department of Zoology-	purchase of Microvolume Spectrophotometer (Nucleic acid quantifying spectrophotometer) Quantity: One Unit cost: Rs. 10,00,000/- Modernization of classrooms,laboratories, and	0	0	1,000,000	For PG practical classes and research projects	New Addition
121	Modernization of the Department of Zoology-	purchase of Micromanipulator Quantity: Two Unit cost: Rs. 2,25,000/-- Modernization of classrooms,laboratories, and	0	0	450,000	For PG practical classes and research projects	New Addition
122	Modernization of the Department of Zoology-	purchase of Analytical Micro Balance Quantity: One Unit cost: Rs. 1,00,000/-- Modernization of classrooms,laboratories, and seminar hall	0	0	100,000	For PG practical classes and research projects	New Addition
123	Modernization of the Department of Zoology-	purchase of Laminar flow Hood Quantity: One Unit cost: Rs. 1,00,000/-- Modernization of classrooms,laboratories, and	0	0	100,000	For PG practical classes and research projects	New Addition
124	Modernization of the Department of Zoology-	purchase of Bacteriological Incubator Quantity: One Unit cost: Rs. 1,00,000/-- Modernization of classrooms,laboratories, and seminar hall	0	0	100,000	For PG practical classes and research projects	New Addition
125	Modernization of the Department of Zoology-	purchase of Blotting apparatus (Midi blot) Quantity: One Unit cost: Rs. 50,000/-- Modernization of classrooms,laboratories, and	0	0	50,000	For PG practical classes and research projects	New Addition
126	Modernization of the Department of Zoology-	purchase of Laboratory Centrifuge Quantity: One Unit cost: Rs. 1,00,000/- Modernization of classrooms,laboratories, and seminar hall	0	0	100,000	For PG practical classes and research projects	New Addition
127	Modernization of the Department of Zoology-	purchase of Hot plate with magnetic stirrer Quantity: One Unit cost: Rs. 75,000/-- Modernization of classrooms,laboratories, and	0	0	75,000	For PG practical classes and research projects	New Addition
128	Modernization of the Department of Zoology-	purchase of Biological Safety Cabinet -1 no-unit cost-600000	0	0	600,000	For PG practical classes and research projects	New Addition
129	Modernization of Hindi Department-Other than Civil Work -Purchase of Mixer Amplifier-1 no-unit cost-45800	Purchase of Mixer Amplifier-1 no-unit cost-45800	0	0	45,800	For setting up of audio video system in conference room	New Addition
130	Modernization of Hindi Department-Other than Civil Work -	Purchase of speaker(60W)-2 nos-unit prize-25400	0	0	50,800	For setting up of audio video system in conference room	New Addition
131	Modernization of Hindi Department-Other than Civil Work	-Purchase of chairman unit with goose neck condenser microphone-1 no-unit cost-60200	0	0	60,200	For setting up of audio video system in conference room	New Addition
132	Modernization of the Department of Zoology-	purchase of Visible Spectrophotometer Quantity: One Unit cost: Rs. 1,00,000/-- Modernization of classrooms,laboratories, and	0	0	100,000	For PG practical classes and research projects	New Addition
133	Modernization of Hindi Department-Other than Civil Work -	Purchase of AC- 1.5 ton-3 Nos- unit prize-35953			107,859	Modernization by purchase	New Addition
134	Modernization of Hindi Department-Other than Civil Work	Purchase of AC-1 ton(7 nos_)-unit prize- 32469	0	0	227,283	Modernization by purchase	New Addition
135	Modernization of Hindi Department-Other than Civil Work	Purchase of furniture-Folding chair with cushion-75 nos-unit prize-7268	0	0	545,100	Modernization by purchase	New Addition
136	Modernization of Hindi Department-Other than Civil Work -Purchase of	Purchase of furniture-Jefferson chair -wooden seat as per drg(foldable type writing pad)-90	0	0	544,050	Modernization by purchase	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
136	furniture-Jefferson chair - wooden seat as per drg(foldable type writing pad)- 90 nos-unit cost-6045	nos-unit cost-6045	0	0	544,050	Modernization by purchase	New Addition
137	Modernization of Hindi Department-Other than Civil Work	Purchase of furniture-Conference table 20seater-2 nos-unit prize-151983	0	0	303,966	Modernization by purchase	New Addition
138	Modernization of Hindi Department-Other than Civil Work -Purchase of furniture-Executive chair for conference table-40 nos- unit prize-10361	-Purchase of furniture-Executive chair for conference table-40 nos- unit prize-10361	0	0	414,440	Modernization by purchase	New Addition
139	Modernization of Hindi Department-Other than Civil Work	Purchase of furniture-Conference table-10seater-2 nos-unit cost-75992	0	0	151,984	Modernization by purchase	New Addition
140	Modernization of Hindi Department-Other than Civil Work -	Purchase of furniture-Wooden chair with arms-class rooms chair- 4 nos-unit cost-3871	0	0	15,484	Modernization by purchase	New Addition
141	Modernization of Hindi Department-Other than Civil Work -	Purchase of furniture-Semi executive table-4 nos-unit prize-17034	0	0	68,136	Modernization by purchase	New Addition
142	Modernization of Hindi Department-Other than Civil Work	-Purchase of furniture-executive table-8 nos-unit cost-30363	0	0	242,904	Modernization by purchase	New Addition
143	Modernization of Hindi Department-Other than Civil Work -	Purchase of furniture-Revolving High back chair-8 nos-unit cost-10361	0	0	82,888	Modernization by purchase	New Addition
144	Modernization of Hindi Department-Other than Civil Work	Purchase of furniture-cot for rest room-1 no-unit cost-9686	0	0	38,744	Modernization by purchase	New Addition
145	Modernization of Hindi Department-Other than Civil Work -	Purchase of conference control unit-1 no- unit cost- 178000	0	0	178,000	For setting up of audio video system in conference room	New Addition
146	Modernization of Hindi Department-Other than Civil Work	Purchase of furniture-Executive chair for conference table-20 nos-unit cost-10361	0	0	207,220	Modernization by purchase	New Addition
147	Modernization of Hindi Department-Other than Civil Work	-Purchase of interconnecting cable 10 meter-4 nos-unit prize-12500	0	0	50,000	For setting up of audio video system in conference room	New Addition
148	Modernization of Hindi Department-Other than Civil Work -	Purchase of Interconnecting cable - 3 meter- 5 nos-unit cost-6550	0	0	32,750	For setting up of audio video system in conference room	New Addition
149	Modernization of Hindi Department-Other than Civil Work -	Purchase of Interactive panel-1 no-unit cost-195700	0	0	195,700	For setting up of audio video system in conference room	New Addition
150	Modernization of Hindi Department-Other than Civil Work -	Purchase of PTZ interactive camera-1 no-unit cost-80500	0	0	80,500	For setting up of audio video system in conference room	New Addition
151	Modernization of Hindi Department-Other than Civil Work -	Purchase of Wireless presenter-1 no-unit cost-5500	0	0	5,500	For setting up of audio video system in conference room	New Addition
152	Modernization of Hindi Department-Other than Civil Work -	Purchase of 17 U Rack-1 no- unit cost-18500	0	0	18,500	For setting up of audio video system in conference room	New Addition
153	Modernization of Hindi Department-Other than Civil Work -	Purchase of HDMI cable-1 no- unit prize-14000-Setting up of audio and video system	0	0	14,000	For setting up of audio video system in conference room	New Addition
154	Modernization of Hindi Department-Other than Civil Work -	Purchase of Delegate unit with goose neck condenser Microphone-24 nos-unit cost-49400	0	0	1,185,600	For setting up of audio video system in conference room	New Addition
155	Modernization of Hindi Department-Other than Civil Work	-Purchase of cabling and conduit-370 mtr-180 -unit prize	0	0	66,600	For setting up of audio video system in conference room	New Addition
156	Modernization of Hindi Department-Other than Civil Work -	Purchase of Mixer Amplifier(240W)-1 no-unit cost-52000	0	0	52,000	For setting up of audio video system smart class rooms	New Addition
157	Modernization of Hindi Department-Other than Civil Work -	Purchase of speaker(60W)-2 nos-unit prize-26700	0	0	53,400	For setting up of audio video system smart class rooms	New Addition
158	Modernization of Hindi Department-Other than Civil Work -	Purchase of Dual channel wireless microphone-1 set-55200	0	0	55,200	For setting up of audio video system smart class rooms	New Addition
159	Modernization of Hindi Department-Other than Civil Work -	Purchase of Head worn wireless microphone-1 no-unit cost- 28600	0	0	28,600	For setting up of audio video system smart class rooms	New Addition
160	Modernization of Hindi department-For setting up of audio video system smart class rooms-	Setting up of audio video system - Goose neck microphone-1 no-unit cost-36500	0	0	36,500	For setting up of audio video system smart class rooms	New Addition
161	Modernization of Hindi Department-Other than Civil Work	-Purchase of Steel podium-1 no-unit cost-17000-Setting up of audio video system	0	0	17,000	For setting up of audio video system smart class rooms	New Addition
162	Modernization of Hindi Department-Other than Civil Work -	Purchase of Interactive panel-1 no-unit cost-195700-Setting up of audio video system	0	0	195,700	For setting up of audio video system smart class rooms	New Addition
163	Modernization of Hindi Department-Other than Civil Work	-Purchase of PTZ Interactive camera-1 no-unit cost-80500	0	0	80,500	For setting up of audio video system smart class rooms	New Addition
164	Modernization of Hindi Department-Other than Civil Work -	Purchase of Wireless presenter- 1 no-unit prize-5500-Setting up of audio video system	0	0	5,500	For setting up of audio video system smart class rooms	New Addition
165	Modernization of Hindi Department-Other than Civil Work -	Purchase of Wall mount rack-1 no-unit prize- 18500-Setting up of audio video system	0	0	18,500	For setting up of audio video system smart class rooms	New Addition
166	Modernization of Hindi Department-Other than Civil Work -	Purchase of HDMI cable-15 mtr-14000-Setting up of audio video system	0	0	14,000	For setting up of audio video system smart class rooms	New Addition



S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
166	Modernization of Hindi Department-Other than Civil Work -		0	0	14,000	For setting up of audio video system smart class rooms	New Addition
167	Modernization of Hindi Department-Other than Civil-	Microphone cables ,other all necessary connectors and equipments-as required-Setting up of audio video system	0	0	28,000	For setting up of audio video system smart class rooms	New Addition
168	Modernization of Hindi Department-Other than Civil Work -	Purchase of Cabling and conduit-320 mtr-unit prize-180	0	0	57,600	For setting up of audio video system smart class rooms	New Addition
169	Modernization of Hindi Department-Other than Civil Work -	Purchase of Line Array speaker system-4 nos-unit cost-76000-Setting up of audio video system	0	0	304,000	For Setting up of audio video system in seminar Hall	New Addition
170	Modernization of Hindi Department-Other than Civil Work -	Purchase of Amplification system(250* 4 channel 1000W Amp)-1 no-unit cost-152000-Setting up of audio video system	0	0	152,000	For Setting up of audio video system in seminar Hall	New Addition
171	Modernization of Hindi Department-Other than Civil Work -	Purchase of Mixing console-1 no-82000-Setting up of audio video system	0	0	82,000	For Setting up of audio video system in seminar Hall	New Addition
172	Modernization of Hindi Department-Other than Civil Work -	Purchase of Dual channel wireless microphone-2 set-unit cost-55200-Setting up of audio video system	0	0	110,400	For Setting up of audio video system in seminar Hall	New Addition
173	Modernization of Hindi Department-Other than Civil Work -	Purchase of Head worn wireless microphone-2 nos-unit prize-28600-Setting up of audio video system	0	0	57,200	For Setting up of audio video system in seminar Hall	New Addition
174	Modernization of Hindi Department-Other than Civil Work -	Purchase of Goose neck microphone-1 no-unit cost-36500-Setting up of audio video system	0	0	36,500	For Setting up of audio video system in seminar Hall	New Addition
175	Modernization of Hindi Department-Other than Civil Work	-Purchase of PTZ Interactive Camera-1 no-unit cost-80500-Setting up of audio video system	0	0	80,500	For Setting up of audio video system in seminar Hall	New Addition
176	Modernization of Hindi Department-Other than Civil Work -	Purchase of 4K Interactive Display-1 no-unit prize-465700-Setting up of audio video system	0	0	465,700	For Setting up of audio video system in seminar Hall	New Addition
177	Modernization of Hindi Department-Other than Civil Work -	Purchase of Wired Dynamic Microphone with Mike stand-2 nos-unit cost-18500-Setting up of audio video system	0	0	37,000	For Setting up of audio video system in seminar Hall	New Addition
178	Modernization of Hindi Department-Other than Civil Work -	Purchase of Digital Podium- 1 no-unit cost-124500-Setting up of audio video system	0	0	124,500	For Setting up of audio video system in seminar Hall	New Addition
179	Modernization of Hindi Department-Other than Civil Work	Purchase of Interchangeable lens camera with lens-1 no-unit cost-510400-Setting up of audio video system	0	0	510,400	For Setting up of audio video system in seminar Hall	New Addition
180	Madhava Observatory-No civil work- Renovation and upgradation	Digitarium @planetarium system-Purchase of Full dome video shows-15 nos- rate-100000	0	0	100,000	To advance scientific knowledge Drive technological innovation Promote education and public engagement Address pressing societal challenges	New Addition
181	Modernization of Hindi Department-Other than Civil Work	-Purchase of Wall mount rack-1 no-unit cost-18500-Setting up of audio video system	0	0	18,500	For Setting up of audio video system in seminar Hall	New Addition
182	Modernization of Hindi Department-Other than Civil Work	-Purchase of HDMI cable-1 no-unit cost-14000-Setting up of audio video system	0	0	14,000	For Setting up of audio video system in seminar Hall	New Addition
183	Madhava Observatory-No civil work- Renovation and upgradation-	Digitarium @planetarium system-Purchase of Projector stand-1 no-unit cost-95000	0	0	95,340	To advance scientific knowledge Drive technological innovation Promote education and public engagement Address pressing societal challenges	New Addition
184	Modernization of Hindi Department-Other than Civil Work	-Purchase of Cabling and conduit-650 mtr-unit prize-180-Setting up of audio video system	0	0	117,000	For Setting up of audio video system in seminar Hall	New Addition
185	Psychology-Upgradation of Psychology Laboratory as part of modernization-no civil work	purchase of TOL-DX 2nd EditionComplete KitTOL DX2nd Ed. Manual, 2 peg boards with beads, 25 Child, and 25 Adult Record Forms)-1 no- rate-60570(including 20000 transportation charge) -Modernization of laboratory facility	0	0	60,571	Assesses executive planning and higher-order problem-solving	New Addition
186	Madhava Observatory-No civil work- Renovation and upgradation-	Digitarium @planetarium system-Purchase of Digirtarium control unit CU-Z(computer)with software licenses-1 no-unit prize- 600000 Also included- Digital remote control with console computer,Wireless gamepad control,Additional 1000GB portable hard drive with companion,Limited warranty 2 years	0	0	600,000	To advance scientific knowledge Drive technological innovation Promote education and public engagement Address pressing societal challenges	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
187	Madhava Observatory-No civil work- Renovation and upgradation-	Digitalium @planetarium system-Air freight and insurance with purchase-rate=18000	0	0	18,000	To advance scientific knowledge Drive technological innovation Promote education and public engagement Address pressing societal challenges	New Addition
188	Madhava Observatory-No civil work- Renovation and upgradation	-Digitalium @planetarium system-GST@18 percent related to Purchase -rate-	0	0	762,660	To advance scientific knowledge Drive technological innovation Promote education and public engagement Address pressing societal challenges	New Addition
189	Psychology-Upgradation of Psychology Laboratory as part of modernization-no civil work-	purchase of Shaywitz DyslexiaScreen-India (manual + 25sheets) Digital- 1 no- rate-10030- Modernization of laboratory facility	0	0	10,030	K3 students who may be at risk for reading difficulties.	New Addition
190	Psychology-Upgradation of Psychology Laboratory as part of modernization-no civil work-	purchase of Brown Executive function/Attention Scales-1 no- rate- 39385-Modernization of laboratory facility	0	0	39,385	helps screen and assess a wider range of impairments of executive functioning.	New Addition
191	Psychology-Upgradation of Psychology Laboratory as part of modernization-no civil work	purchase of Delis Rating of Executive Functions ,Adult (D-REF Adult)digital-1 no-rate-18044- Modernization of laboratory facility	0	0	18,044	lets you quickly and easily administer, score, and report the frequency of observed behaviors that identify executive function problems in adults.	New Addition
192	Modernization of Hindi Department-Other than Civil Work -	Purchase of Microphone cables and other all necessary connectors-as required-Setting up of audio video system	0	0	35,792	For Setting up of audio video system in seminar Hall	New Addition
193	Psychology-Upgradation of Psychology Laboratory as part of modernization-no civil work	-purchase of CAS2: Cognitive Assessment System- Second Edition (with case)-1 no-126580(including transportation charge of 20000)- Modernization of laboratory facility	0	0	126,580	Assess Intelligence and cognitive skills	New Addition
194	Psychology-Upgradation of Psychology Laboratory as part of modernization-no civil work-	purchase of Computer desktop (6 systems)-unit prize-75000- Modernization of laboratory facility	0	0	450,000	Dell Mid Level Desktop Computer with Warranty 3 Year	New Addition
195	Psychology-Upgradation of Psychology Laboratory as part of modernization-no civil work-	purchase of Laptop- 2 nos-unit prize-74686-Modernization of laboratory facility	0	0	149,372	Windows operating system is required for running standard research softwares like SPSS, E-prime, Minitab, Nvivo, r studio and psychopy	New Addition
196	Modernization of Mathematics Department-Other than Civil work	purchase of table with locker- 20-unit prize-25000-Purchase related to modernization	0	0	500,000	Enhance basic facilities	New Addition
197	Psychology-Upgradation of Psychology Laboratory as part of modernization-no civil work-	purchase of Beck Scale for Suicide Ideation(BSS)- 1 no-1724- Modernization of laboratory facility	0	0	17,420	Assess an individual's thoughts, attitudes and intentions regarding suicide.	New Addition
198	Modernization of Mathematics Department-Other than Civil work-purchase of Line Array speaker system-4 nos-unit prize-76000	Purchase for audio system Enhance basic facilities as part of modernization	0	0	304,000	Enhance basic facilities as part of modernization	New Addition
199	Psychology-Upgradation of Psychology Laboratory as part of modernization-no civil work	purchase of Computer Table (6 Units) And Computer Chair (6 units)- 7690 for each table and 4893 for each chair- Modernization of laboratory facility	0	0	75,498	For lab purpose	New Addition
200	Psychology-Upgradation of Psychology Laboratory as part of modernization-no civil work-	purchase of AC of lab and 2 semi glass door-60000-Modernization of laboratory facility	0	0	60,000	for enhancing lab facilities	New Addition
201	Psychology-Upgradation of Psychology Laboratory as part of modernization-no civil work-	purchase of water purifier/filter- 1 no-8200-Modernization of laboratory facility	0	0	8,200	enhance basic facilities	New Addition
202	Modernization of Mathematics Department-Other than Civil work-	purchase of Chair-15 nos- unit cost-5000-Purchase related to modernization	0	0	75,000	For lab	New Addition
203	Modernization of Mathematics Department-Other than Civil work-	Illumination with Bright and dim lights-50000-As part of modernization	0	0	50,000	As part of modernization	New Addition
204	Modernization of Mathematics Department-Other than Civil work	-purchase of Dais Six seater-1 no-unit cost-50000- Purchase related to modernization	0	0	50,000	Conference purpose	New Addition
205	Modernization of Mathematics Department-Other than Civil work-	purchase of chairs-6 nos-unit cost-6000-Purchase related to modernization	0	0	36,000	Enhance basic facilities as part of modernization	New Addition
206	Modernization of Mathematics Department-Other than Civil work-	purchase of Air conditioners-6 nos-unit prize-60000-Purchase related to modernization	0	0	360,000	Enhance basic facilities as part of modernization	New Addition
207	Modernization of Mathematics Department-Other than Civil work-	purchase of Amplification system-1 no-unit prize-152000-Purchase for audio system	0	0	152,000	Enhance basic facilities as part of modernization	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
208	Modernization of Mathematics Department-Other than Civil work	purchase of Mixing console-1 no-unit prize- 82000 -Purchase for audio system	0	0	82,000	Enhance basic facilities as part of modernization	New Addition
209	Modernization of Mathematics Department-Other than Civil work	-purchase of wireless mic-1 no-unit cost-55200-Purchase for audio system	0	0	55,200	Enhance basic facilities as part of modernization	New Addition
210	Modernization of Mathematics Department-Other than Civil work-	purchase of Headworn wireless mic-1 no-unit prize-28600-Purchase for audio system	0	0	28,600	Enhance basic facilities as part of modernization	New Addition
211	Modernization of Mathematics Department-Other than Civil work	purchase of Gooseneck mic-1 no-unit prize-36500-Purchase for audio system	0	0	36,500	Enhance basic facilities as part of modernization	New Addition
212	Modernization of Mathematics Department-Other than Civil work-	purchase of Laptop-1 no-unit prize-60000-Purchase related to modernization	0	0	60,000	Enhance basic facilities as part of modernization	New Addition
213	Modernization of Mathematics Department-Other than Civil work-	purchase of Interactive display-1 no-unit cost-465700-Purchase related to modernization	0	0	465,700	Enhance basic facilities as part of modernization	New Addition
214	Modernization of Mathematics Department-Other than Civil work-	purchase of wireless presenter-1 no-unit cost-5500-Purchase related to modernization	0	0	5,500	Enhance basic facilities as part of modernization	New Addition
215	Modernization of Mathematics Department-Other than Civil work	-purchase of vertical sliding board-2 nos-unit prize-100000-Purchase related to modernization	0	0	200,000	Enhance basic facilities as part of modernization	New Addition
216	Modernization of Mathematics Department-Other than Civil work	purchase of Furniture -Conference hall Chairs (deskattached) - 120 nos-unit cost-6500-Purchase related to modernization	0	0	780,000	Enhance basic facilities as part of modernization	New Addition
217	Modernization of Mathematics Department-Other than Civil work-	purchase of Steel Podium-1 no-unit cost-17000-Purchase related to modernization	0	0	17,000	heavy duty steel podium, required accessories for fixing goose neck mic	New Addition
218	Modernization of Mathematics Department-Other than Civil work-	purchase of Wall Mount rack-1 no-unit cost-18500-Purchase related to modernization	0	0	18,500	Enhance basic facilities as part of modernization	New Addition
219	Modernization of Mathematics Department-Other than Civil work-	purchase of Microphone cables, other connectors & equipments-as required-Purchase related to modernization	0	0	42,000	Enhance basic facilities	New Addition
220	Modernization of Mathematics Department-Other than Civil work-	purchase of cabling and conduit-580 mtr- unit prize-180-Purchase related to modernization	0	0	104,400	Enhance basic facilities	New Addition
221	Modernization of Mathematics Department-Other than Civil work	-purchase of vertical sliding board- 2 nos- unit prize-100000-Purchase related to modernization	0	0	200,000	Enhance basic facilities	New Addition
222	Modernization of Mathematics Department-Other than Civil work-	purchase of two seater bench and desk- 30 nos- unit prize- 14000- Purchase related to modernization	0	0	420,000	Enhance basic facilities	New Addition
223	A PART-TIME JOB OPPORTUNITY CENTER WITH A STRONG TIE WITH AGRO-PROCESSING INDUSTRIES- no civil work	purchase of cot(single)-wooden- 2 nos-unit prize- 12500-purchase	0	0	25,000	for sick room	New Addition
224	Modernization of Statistics department-other than civil work	purchase of computers(High end)-21 nos- unit prize-93000-Purchase related to modernization	0	0	1,953,000	For performing highly involved computations and complex statistical analyses and for ensuring accurate, timely results	New Addition
225	Modernization of Statistics department-other than civil work-	purchase of Godrej Steel Almirah-3 nos- unit prize- 25000-Purchase related to modernization	0	0	75,000	for keeping the office documents/books	New Addition
226	Life science-Analytical Biochemistry Lab	purchase of Air conditioner- 1.5 ton-2 nos-unit prize- 35953-Renovation in the Department of Life Scienice	0	0	71,906	Biochemical quality control Linkage to Food and pharmaceutical industries	New Addition
227	Modernization of Mathematics Department-Other than Civil work-	purchase of chairs- 12 nos- unit prize-5000-Purchase related to modernization	0	0	60,000	Enhance basic facilities	New Addition
228	Modernization of Mathematics Department-Other than Civil work-	purchase of Air conditioner- 1 no-unit prize- 60000-Purchase related to modernization	0	0	60,000	Enhance basic facilities	New Addition
229	Modernization of Mathematics Department-Other than Civil work-	purchase of Bookshelves- 5 no- unit prize-25000-Purchase related to modernization	0	0	125,000	Enhance basic facilities	New Addition
230	Modernization of Mathematics Department-Other than Civil work-	purchase of Air conditioners for library- 5 nos- 600000-Purchase related to modernization	0	0	300,000	Enhance basic facilities	New Addition
231	Modernization of Mathematics Department-Other than Civil work	-purchase of Revolving chair- 1 no-unit prize-8000-Purchase related to modernization	0	0	8,000	Enhance basic facilities for library	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
232	Modernization of Mathematics Department-Other than Civil work-	purchase of computer- 1 no- unit prize-70000-Purchase related to modernization	0	0	70,000	Enhance basic facilities	New Addition
233	Modernization of Mathematics Department-Other than Civil work-	purchase of printer -1 no- unit prize-20000-Purchase related to modernization	0	0	20,000	Enhance basic facilities	New Addition
234	Modernization of Mathematics Department-Other than Civil work-	purchase of Trolley- 1 no- unit prize-8000-Purchase related to modernization	0	0	8,000	for carrying trolley	New Addition
235	Modernization of Mathematics Department-Other than Civil work	-purchase of printer and scanner- 1-unit prize-50000-Purchase related to modernization	0	0	50,000	Enhance basic facilities	New Addition
236	Modernization of Mathematics Department-Other than Civil work-	purchase of Incinerator- 1 no- unit prize-26000-Purchase related to modernization	0	0	26,000	Enhance basic facilities	New Addition
237	Modernization of Mathematics Department-Other than Civil work-	purchase of Air conditioners to HoD room- 2 nos- unit prize- 60000-Purchase related to modernization	0	0	120,000	Enhance basic facilities	New Addition
238	Modernization of Statistics department-other than civil work	purchase of Multifunction machine(printer) -1 nos- unit prize-150000-Purchase related to modernization	0	0	150,000	High speed photocopying/printing for office purpose, including question paper printing	New Addition
239	Modernization of Mathematics Department-Other than Civil work	purchase of Executive office table for HoD- 1 no-80000-Purchase related to modernization	0	0	80,000	Enhance basic facilities	New Addition
240	Life Science- Establishment of Next Generation Sequencing (NGS) and Analysis Facility	Renovation in the Department of Life Sciences	968.4	413	400,000	Study genomes of locally relevant organisms or microbial communities. Training students in genomics and bioinformatics.	New Addition
241	Life science-establishment of Analytical Biochemistry lab -	purchase of Air conditioner- 2 tons-13 nos- unit prize- 50500-Renovation in the Department of Life Science	0	0	656,500	Biochemical quality control Linkage to Food and pharmaceutical industries	New Addition
242	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase of Video Cam For Docu-Production-1 no-200000-Setting AV Labs-Renovation and upgradation	0	0	200,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
243	Life science-establishment of next generation sequencing (NGS) and Analysis facility - electrification- amt-	Renovation in the Department of Life Scienice	0	0	62,594	Biochemical quality control Linkage to Food and pharmaceutical industries	New Addition
244	Modernization of Statistics department-other than civil work-	purchase of Air conditioners(including fitting charge with stand)-5 nos-unit prize-61600-Purchase related to modernization	0	0	308,000	for the airconditioning of the renoved smart room( 4 nos) and HoD room(1 no)	New Addition
245	Skill development workshops and field visits-no civil work-purchase of subscription of software courses-data camp and coursera-1 no-unit prize-60000	Supporting economic development Promoting responsible and ethical tourism practices	0	0	60,000	for the data science needs of students and faculty members	New Addition
246	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-	purchase of Battery For Video Cam-1 no-unit prize-6000	0	0	6,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
247	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase of 28-45 F1.8 Lens E mount-1 no- unit prize- 130000  Setting AV Labs-Renovation and upgradation	0	0	130,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
248	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-	purchase of Gimbal Stabilizer -2 nos-unit prize-40000 -Setting AV Labs-Renovation and upgradation	0	0	80,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
249	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase of DSLR FULL FRAME-1 no-unit prize-145000 Setting AV Labs-Renovation and upgradation	0	0	145,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
250	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase of 24-105 Lens-1 no-unit prize-38000-Setting AV Labs-Renovation and upgradation	0	0	38,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
251	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-	purchase of 50mm 1.8 Block Lens-1 no-unit prize-11000 -Setting AV Labs-Renovation and upgradation	0	0	11,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
252	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-	purchase of Mini Drone Camera-1 no-unit prize-100000-Setting AV Labs-Renovation and upgradation	0	0	100,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
253	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase of Battery For Camcorder-3 nos- unit cost-4000-Setting AV Labs-Renovation and upgradation	0	0	12,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
254	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase of Video Light-3 nos-16000-Setting AV Labs-Renovation and upgradation	0	0	48,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
255	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase of External Hard Disk-4 nos-unit cost-20000-Setting AV Labs-Renovation and upgradation	0	0	80,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
256	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase of Flash Light and Trigger-2 nos- unit prize-15000 -Setting AV Labs-Renovation and upgradation	0	0	30,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
257	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase of Vacuum Cleaner-1 no-unit prize-10000  Setting AV Labs-Renovation and upgradation	0	0	10,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
257	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase of Vacuum Cleaner-1 no-unit prize-10000  Setting AV Labs-Renovation and upgradation	0	0	10,000	be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
258	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	-purchase of Acoustic Floor Mat-550-150/ sq ft-82500  Setting AV Labs-Renovation and upgradation	0	0	82,500	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
259	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-	purchase of Wireless Microphone-2 nos-unit prize-40000-Setting AV Labs-Renovation and upgradation	0	0	80,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
260	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-purchase	purchase - for Production Control Room ( PCR) in Television Studio-Acoustic Floor Mat-60 sq ft- 150/sq ft-rate-9,000  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environmen			9,000	The machines and software now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
261	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-	purchase for Production Control Room ( PCR) in Television StudioWorkstation / Edit Suite-1 no-unit prize-250000  Setting AV Labs-Renovation and upgradation	0	0	250,000	The machines and software now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
262	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	-purchase for Production Control Room ( PCR) in Television Studio-Mac Studio with FCP-1 no-unit prize-350000  -Setting AV Labs-Renovation and upgradation	0	0	350,000	The machines and software now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environmen	New Addition
263	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase for Production Control Room ( PCR) in Television Studio-Adapter and connectors- 1 no- unit prize-20000  -Setting AV Labs-Renovation and upgradation	0	0	20,000	The machines and software now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
264	Skill development workshops and field visits-no civil work-purchase of Centre for Monitoring Indian Economy(CMIE)-Economic outlook-1 no-unit prize-112000	Supporting economic development Promoting responsible and ethical tourism practices	0	0	1,120,000	For providing an invaluable continuous exposure to the organisation of economic data, their simple transformations and their interpretations to the students ,researchers, faculty members	New Addition
265	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	-purchase for Audio visual Lab- AV Receiver-1 no-unit prize-250000  -Setting AV Labs-Renovation and upgradation	0	0	250,000	The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment.	New Addition
266	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	-purchase forAudio visual Lab - Amplifier- 1 no-unit prize-45000  -Setting AV Labs-Renovation and upgradation	0	0	45,000	The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment.	New Addition
267	Journalism-Renovation and upgradation of the	purchase forAudio visual Lab - AV Equipment Rack-1 no- unit	0	0	25,000	Existing facility is not matching with the digital media production	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
267	television studio and audio-visual lab system-No civil work	prize-25000  Setting AV Labs-Renovation and upgradation	0	0	25,000	environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment.	New Addition
268	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-	purchase forAudio visual Lab - Speaker (Suitable for Surround)-2 nos-unit prize-25000  -Setting AV Labs-Renovation and upgradation	0	0	50,000	The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment.	New Addition
269	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-purchase forAudio visual Lab - Auditorium Chair/ Theatre Chair cum mounted platform-60 nos-unit prize-9000	Setting AV Labs-Renovation and upgradation	0	0	540,000	Existing facility is not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment.	New Addition
270	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase for Production Control Room ( PCR) in Television Studio-Monitor-1 no-unit prize-35000 -Setting AV Labs-Renovation and upgradation	0	0	35,000	The machines and software now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
271	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	-purchase for Production Control Room ( PCR) in Television Studio-Monitor Mac Supported-1 no-unit prize-90000  -Setting AV Labs-Renovation and upgradation	0	0	90,000	The machines and software now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
272	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase for Production Control Room ( PCR) in Television Studio-Mouse- 1no-unit prize-8000-Setting AV Labs-Renovation and upgradation	0	0	8,000	The machines and software now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
273	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-	purchase for Production Control Room ( PCR) in Television Studio-Software: Graphic and animation ( three year subscription)-2 nos-unit prize-110000 -Setting AV Labs-Renovation and upgradation	0	0	220,000	The machines and software now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
274	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase for Audio visual Lab-Projector-1 no-unit prize-300000-Setting AV Labs-Renovation and upgradation	0	0	300,000	The machines and software now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
275	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase forAudio visual Lab - Automated Projector Screen-1 no-unit prize-100000-Setting AV Labs-Renovation and	0	0	100,000	The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment.	New Addition
276	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	-purchase forAudio visual Lab -PA System (Including Mixer and other Components)-1no-unit prize-160000  -Setting AV Labs-Renovation and upgradation	0	0	160,000	Existing facility is not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment.	New Addition
277	INCUBATION CUM ENTREPRENUERSHIP CENTRE FOR PLASTIC WASTE MANAGEMENT-no civil work-	Purchase of kerala Chair 10 Nos. Rs.4,271/	0	0	42,710	For Conference Use	New Addition
278	A PART-TIME JOB OPPORTUNITY CENTER WITH A	purchase of Executive chair- 6 nos-unit prize-10000	0	0	60,000	for office use	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
278	STRONG TIE WITH AGRO-PROCESSING INDUSTRIES-no civil work	purchase of Executive chair- 6 nos-unit prize-10000	0	0	60,000	for office use	New Addition
279	INCUBATION CUM ENTREPRENUERSHIP CENTRE FOR PLASTIC WASTE MANAGEMENT-no civil work	purchase of Jefferson Chair - Cushion Seat -20 Nos. unit prize-. 6,719/-	0	0	139,766	For seating purposes	New Addition
280	Skill development workshops and field visits-no civil work-purchase of E views software-1 no-unit prize-600000	Supporting economic development Promoting responsible and ethical tourism practices	0	0	600,000	for providing statistical forecasting for students and faculty members	New Addition
281	INCUBATION CUM ENTREPRENUERSHIP CENTRE FOR PLASTIC WASTE MANAGEMENTno civil work-	purchase of Table (Wooden) 2 Nos. unit prize-Rs.25,000/-	0	0	50,000	For Office Use	New Addition
282	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-	purchase-for Media Production Lab for Audio-Visual Production System-Workstation Computer (Server)-1 no-unit prize-180000  -Setting AV Labs-Renovation and upgradation	0	0	180,000	Existing facility is not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment.	New Addition
283	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase-for Media Production Lab for Audio-Visual Production System-Laptop-2 nos-unit prize-180000 Setting AV Labs-Renovation and upgradation	0	0	360,000	Existing facility is not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment.	New Addition
284	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-	purchase-for Media Production Lab for Audio-Visual Production System-Speaker-2 nos-unit prize-25000  -Setting AV Labs-Renovation and upgradation	0	0	50,000	Existing facility is not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advanced digital environment.	New Addition
285	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	-purchase-for Media Production Lab for Audio-Visual Production System-Adobe Creative Suite ( 6 for new systems and 6 for the existing ones) : Three year subscription-10 nos-unit prize-100600  Setting AV Labs-Renovation and upgradation	0	0	1,006,000	Existing facility is not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment.	New Addition
286	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase-for Media Production Lab for Audio-Visual Production System-AV Equipment Rack-1 no-unit prize-25000 -Setting AV Labs-Renovation and upgradation	0	0	25,000	Existing facility is not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment.	New Addition
287	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-	purchase-for Media Production Lab for Audio-Visual Production System-Air Conditioner 6 ( Four for Media Production Lab and 2 for television studio) unit prize-50000 -Setting AV Labs-Renovation and upgradation	0	0	300,000	Existing facility is not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment.	New Addition
288	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	Installation, Commissioning and Training-73500-Setting AV Labs-Renovation and upgradation	0	0	73,500	Existing facility is not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment.	New Addition
289	INCUBATION CUM ENTREPRENUERSHIP CENTRE FOR PLASTIC WASTE MANAGEMENT-no civil work-	purchase of Podium (R) 01 Nos. Rs. 6,269/-	0	0	6,269	For conduct of Classes and Demonstration purposes	New Addition
290	INCUBATION CUM ENTREPRENUERSHIP CENTRE FOR PLASTIC WASTE MANAGEMENT-no civil work	purchase of furniture-Shelf Big(Steel)-4 Nos.unit prize- 8,000	0	0	32,000	For storage purposes	New Addition
291	INCUBATION CUM ENTREPRENUERSHIP CENTRE FOR PLASTIC WASTE MANAGEMENT-no	purchase of Executive Chair 01 Nos. -unit prize-Rs.5,000/-	0	0	5,000	for office use	New Addition



S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
291	civil work		0	0	5,000	for office use	New Addition
292	A PART-TIME JOB OPPORTUNITY CENTER WITH A STRONG TIE WITH AGRO-PROCESSING INDUSTRIES- no civil work	purchase of Table(wooden)-3 nos-25000	0	0	75,000	for office use	New Addition
293	Skill development workshops and field visits-no civil work-purchase of Harward Business review subscription- 1 no-unit prize-30000	Supporting economic development Promoting responsible and ethical tourism practices	0	0	30,000	for providing research reference facilites to students and scholars	New Addition
294	Skill development workshops and field visits-no civil work-purchase of subscription of various e journals-1 no-unit prize-50000	Supporting economic development Promoting responsible and ethical tourism practices	0	0	50,000	for providing research reference facilities to students and scholars	New Addition
295	Modernisation of political science- other than civil work	purchase of furniture-work station single seater with computer facility-3 nos-38487-unit prize	0	0	115,461	Modernization of classrooms, labs, in terms of purhcase	New Addition
296	Modernisation of political science- other than civil work-purchase of furniture -Senior executive chair with wooden brown rexine cushion-5 no-unit prize-10906	Modernization of classrooms, labs, in terms of purhcase	0	0	54,530	Modernization of classrooms, labs, in terms of purhcase	New Addition
297	Modernisation of political science- other than civil work-purchase of furniture-Wooden chair with Arm-colonial-3 nos-3871-unit prize	Modernisation of political science-other than civil work-purchase of furniture	0	0	11,613	Modernization of classrooms, labs, in terms of purhcase	New Addition
298	Modernisation of political science- other than civil work-purchase for audio video system-Line array speaker system- 4 nos-unit prize-76000	Modernization	0	0	304,000	Modernization of classrooms, labs, in terms of purchase	New Addition
299	Modernisation of political science- other than civil work-purchase for audio video system-Amplification system-(250*4 channel 1000w Amp)-1 no-un it prize-152000	Modernization	0	0	152,000	Modernization of classrooms, labs, in terms of purchase	New Addition
300	Modernisation of political science- other than civil work-purchase for audio video system-Mixing console-1 no-unit prize-82000	Modernization	0	0	82,000	Modernization of classrooms, labs, in terms of purchase	New Addition
301	Modernisation of political science- other than civil work-purchase for audio video system-Dual channel wireless microphone-1 no-unit prize-55200	Modernization	0	0	55,200	Modernization of classrooms, labs, in terms of purchase	New Addition
302	Modernisation of political science- other than civil work-	purchase of furniture-podium- 1 no-unit prize- 10834	0	0	10,834	Modernization of classrooms, labs, in terms of purhcase	New Addition
303	Modernisation of political science- other than civil work	purchase of furniture-wooden chair with arm-colonial-8 nos-3871-unit prize			30,968	Modernization of classrooms, labs, in terms of purchase	New Addition
304	Modernisation of political science- other than civil work	purchase of furniture-Sofa standard/pearl 2 seater-1 no-unit prize-12733			12,733	Modernization of classrooms, labs, in terms of purhcase	New Addition
305	Modernisation of political science- other than civil work-	purchase of furniture-reading table-16 nos--unit prize-3258	0	0	52,128	Modernization of classrooms, labs, in terms of purhcase	New Addition
306	Modernisation of political science- other than civil work	purchase of furniture-shelf big/property rack- qty-2.31-unit prize-18607	0	0	42,982	Modernization of classrooms, labs, in terms of purhcase	New Addition
307	Modernisation of political science- other than civil work	purchase of furniture-tepoy with wooden top-2 nos-unit prize- 2940-	0	0	5,880	Modernization of classrooms, labs, in terms of purhcase	New Addition
308	Modernisation of political science- other than civil work-	purchase of furniture-tepoy with wooden top-2 nos-unit prize- 2940-	0	0	105,083	Modernization of classrooms, labs, in terms of purhcase	New Addition
309	Modernisation of political science- other than civil work	purchase of furniture-computer table without top partition-2 nos-9637 unit prize	0	0	19,274	Modernisation of political science- other than civil work-purchase of furniture	New Addition
310	Modernisation of political science- other than civil work	purchase for audio video system-goosencek microphone-1 no-36500	0	0	36,500	Modernization of classrooms, labs, in terms of purchase	New Addition
311	Modernisation of political science- other than civil work	purchase of furniture-shelf big/book shelf with glass door-4.24 sq m-18607-unit prize-			78,894	Modernization of classrooms, labs, in terms of purchase	New Addition
312	Modernisation of political science- other than civil work-	purchase of furniture-semi executive table-8 nos-unit prize-17034			136,272	Modernization of classrooms, labs, in terms of purchase	New Addition
313	Modernisation of political science- other than civil work	purchase of furniture-Sofa standard/pearl 3 seater-1 nos-unit prize-15916			15,916	Modernization of classrooms, labs, in terms of purhcase	New Addition
314	Modernisation of political science- other than civil work	purchase for audio video system-head worn wireless microphone-1 no-unit prize-28600		0	28,600	Modernization of classrooms, labs, in terms of purchase	New Addition
315	Modernisation of political science- other than civil work	purchase of furniture-wooden chair with arm-colonial-12 nos- unit prize-3871	0	0	46,452	Modernization of classrooms, labs, in terms of purhcase	New Addition
316	Modernisation of political	purchase of furniture-wooden	0	0	118,440	Modernization of classrooms, labs,	New

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
316	science- other than civil work	partition- qty-16.8 sq m-un it prize-7050	0	0	118,440	in terms of purchase	Addition
317	Modernisation of political science- other than civil work-purchase for audio video system-HDMI cable-1 no-unit prize-14000	Modernization	0	0	14,000	Modernization of classrooms, labs, in terms of purchase	New Addition
318	Modernisation of political science- other than civil work-purchase for audio video system-cabling and conduit-480 mtr-180	Modernization	0	0	86,400	Modernization of classrooms, labs, in terms of purchase	New Addition
319	Modernisation of political science- other than civil work-purchase of-Computer, monitor, laptop, printer, Interactive panel,napkin incierator,napkin wending machine,microphone	Modernization	0	0	1,570,233	Modernisation of political science	New Addition
320	Modernization of Political science-electrification	Modernization	0	0	1,341,000	Electrification	New Addition
321	Russian and Comparative literature department-Modernization-	For setting up Audio visual system-Purchase of Line Array Speaker system- 4 numbers- unit prize-76000	0	0	304,000	Purchase as part of Modernization	New Addition
322	Russian and Comparative literature department-Modernization-	For setting up Audio visual system-Purchase of 4K interactive display-1 unit-465700	0	0	465,700	Purchase as part of Modernization	New Addition
323	Modernisation of political science- other than civil work	-purchase for audio video system-4K interactive display-1 no-unit prize-465700	0	0	465,700	Modernization of classrooms, labs, in terms of purchase	New Addition
324	Modernization of Political science- Miscellaneous	miscallaneous	0	0	155,677	Miscallaneous	New Addition
325	Modernisation of political science- other than civil work	purchase for audio video system-microphone cables,other all necessary connectors and equipments-as required	0	0	18,000	Modernization of classrooms, labs, in terms of purchase	New Addition
326	Modernisation of political science- other than civil work-	purchase for audio video system-Wall mount rack-1 no-unit prize-18500	0	0	18,500	Modernization of classrooms, labs, in terms of purchase	New Addition
327	Modernization of the Department of Zoology-	purchase of for smart class rooms-Digital podium-3 nos-unit prize-100000-Modernization of classrooms,laboratories, and seminar hall	0	0	300,000	For classroom teaching	New Addition
328	Modernization - Folklore studies	Modernization-Purchase of Book Shelf VRBS- 1 no. Unit cost- 37,017	0	0	37,017	For modernization of Library	New Addition
329	Modernization - Folklore studies	Modernization-Purchase of Podium - 1 no. Unit cost- 10,633	0	0	10,633	For addressing the audience	New Addition
330	Modernization - Folklore studies	Modernization-Purchase of Jefferson Chair with Cushion - 60 nos. Unit cost- 8,264	0	0	495,840	Seating in the Seminar Hall	New Addition
331	Modernization - Folklore studies	Modernization-Purchase of Jefferson Chair with Writing Pad - 50 nos. Unit cost- 5,933	0	0	296,650	For modernization of class rooms.	New Addition
332	Modernization - Folklore studies	Modernization-Purchase of Round Table - 3 nos. Unit cost- 5,385	0	0	16,155	For modernization of Library.	New Addition
333	Modernization of the Department of Zoology-	purchase of furniture-Lab stool,Height adjustable,revolving -50 nos-unit prize-5000-Modernization of classrooms,laboratories, and seminar hall	0	0	250,000	For two laboratories with 25 students each	New Addition
334	Modernization of the Department of Zoology-	purchase of Camera for Binocular Florescence Microscope-1 no- unit cost-150000-Modernization of classrooms,laboratories, and seminar hall	0	0	150,000	For PG practical classes and research projects	New Addition
335	Modernization - Folklore studies	Modernization-Purchase of Speaker (60w)-4 nos. Unit cost 25,400			101,600	For modernization of the Seminar Hall.	New Addition
336	Modernization of the Department of Zoology-	purchase of Digital Water Bath Quantity: One Unit cost: Rs. 75,000/-- Modernization of classrooms,laboratories, and	0	0	75,000	For PG practical classes and research projects	New Addition
337	Modernization - Folklore studies	Modernization-Purchase of Mixer Amplifier (240W) - 1no. Unit cost- 52,000	0	0	52,000	For modernization of the Seminar Hall.	New Addition
338	Modernization - Folklore studies	Modernization-Purchase of Dual Channel Wireless Microphone - 1no. Unit cost- 55,200	0	0	55,200	For modernization of the Seminar Hall.	New Addition
339	Modernization - Folklore studies	Modernization-Purchase of Head Worn Wireless Microphone - 1no. Unit cost-28,600	0	0	28,600	For modernization of the Seminar Hall.	New Addition
340	Modernization - Folklore studies	Modernization-Purchase of Gooseneck Microphone - 1no. Unit cost-36,500	0	0	36,500	For modernization of the Seminar Hall.	New Addition
341	Modernization - Folklore studies	Modernization-Purchase of Interactive Panel - 1no. Unit cost- 1,95,700	0	0	195,700	For modernization of the Seminar Hall.	New Addition
342	Modernization - Folklore studies	Modernization-Purchase of wired dynamic microphone with mike stand - 2 nos. Unit cost-18,500	0	0	37,000	For modernization of the Seminar Hall.	New Addition
343	Modernization - Folklore studies	Modernization-Purchase of Wireless Presenter- 1no. Unit cost-5500	0	0	5,500	For modernization of the Seminar Hall.	New Addition
344	Modernization - Folklore	Modernization-Purchase of Wall	0	0	18,500	For modernization of the Seminar	New

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
344	studies	Mount Rack- 1no. Unit cost-18,500	0	0	18,500	Hall.	Addition
345	Modernization - Folklore studies	Modernization-Purchase of HDMI Cable- 15mtr	0	0	14,000	For modernization of the Seminar Hall.	New Addition
346	Modernization of Hindi Department-Other than Civil Work -	Purchase of Microphone cables and other all necessary connectors-as required	0	0	34,000	For setting up of audio video system in conference room	New Addition
347	Department of Philosophy-Modernization-no civil work	Library table big(reception table with computer facility as per drawing)-1 no-unit prize- 68293	0	0	84,000	enhance basic facilities	New Addition
348	Modernization - Folklore studies	Modernization- Purchase of Air Conditioner 2 ton- 4 nos. Unit cost 55,000.	0	0	220,000	For modernization of the department	New Addition
349	Department of Philosophy-Modernization-no civil work	Printer-1 no-unit prize-21000	0	0	21,000	enhance basic facilites	New Addition
350	Department of Philosophy-Modernization-no civil work	purchase of barcode scanner- 1 no-unit prize-4450	0	0	4,450	enhance basic facilities	New Addition
351	Department of Philosophy-Modernization-no civil work	purchase of chairs- 56 nos- unit prize- 4500	0	0	252,000	enhance basic facilities	New Addition
352	Department of Philosophy-Modernization-no civil work	purchase of Air conditioner- 3 nos-unit cost-50500	0	0	151,500	enhance basic facilities	New Addition
353	Department of Philosophy-Modernization-no civil work	Purchase of Wall fan- 4 nos- unit cost- 4850	0	0	19,400	Enhance basic facilites	New Addition
354	Department of Philosophy-Modernization-no civil work	Purchase of Audio visual equipments-300000			300,000	enhance basic facilities	New Addition
355	Department of Philosophy-Modernization-no civil work	purchase of Lewis chair-25 nos- unit prize-2785	0	0	85,650	enhance basic facilites	New Addition
356	Department of Philosophy-Modernization-no civil work	purchase of shelf big- 2 nos-unit cost- 28144			69,236	enhance basic facilities	New Addition
357	Department of Philosophy-Modernization-no civil work	purchase of Grand father's chair-14 nos-unit cost-4893	0	0	84,280	enhnce basic facilities	New Addition
358	Department of Philosophy-Modernization-no civil work	purchase of teapoy with rack-1 no-unit prize- 4380	0	0	4,419	enhance basic facilities	New Addition
359	Department of Philosophy-Modernization-no civil work	purchase of shelf big- 1 no- unit cost-28144	0	0	34,617	enhance basic facilites	New Addition
360	Department of Philosophy-Modernization-no civil work	purchase of rolling chair-6 nos-unit cost- 14200	0	0	85,200	for faculties	New Addition
361	Commerce and Management studies- Purchase as part of Modernization	Modernization- Purchase of Laptop - 4 nos. Unit cost 51,900	0	0	207,600	Enhance basic facilities as part of modernization	New Addition
362	Department of Philosophy-modernization-no civil work	purchase of rolling executive chair-1 no-unit cost- 24500	0	0	24,500	for HOD	New Addition
363	Commerce and Management studies- Purchase as part of Modernization- CCTV and accessories	Modernization- Purchase of Bullet camera-1 no. Unit cost 6750	0	0	6,750	Enhance basic facilities as part of modernization	New Addition
364	Commerce and Management studies- Purchase as part of Modernization- CCTV and accessories	Modernization- Purchase of Dome camera-5 nos. Unit cost 6850	0	0	34,250	Enhance basic facilities as part of modernization	New Addition
365	Commerce and Management studies- Purchase as part of Modernization- CCTV and accessories	Modernization- Purchase of 20 CH NVR-1 no. Unit cost 26500	0	0	26,500	Enhance basic facilities as part of modernization	New Addition
366	Commerce and Management studies- Purchase as part of Modernization- CCTV and accessories	Modernization- Purchase of HDD-1no. Unit cost 9500	0	0	9,500	Enhance basic facilities as part of modernization	New Addition
367	Commerce and Management studies- Purchase as part of Modernization- CCTV and accessories	Modernization- Purchase of LED TV-1 no. Unit cost 24500	0	0	24,500	Enhance basic facilities as part of modernization	New Addition
368	Commerce and Management studies- Purchase as part of Modernization- CCTV and accessories	Modernization- Purchase of Wireless Mouse-1 no. Unit cost 950	0	0	950	Enhance basic facilities as part of modernization	New Addition
369	Commerce and Management studies- Purchase as part of Modernization- Network Switch and accessories	Modernization- Purchase of Network PoE Switch-1 no. Unit cost 34500	0	0	34,500	Enhance basic facilities as part of modernization	New Addition
370	Commerce and Management studies- Purchase as part of Modernization- Network Switch and accessories	Modernization- Purchase of Keystone patch panel-1 no. Unit cost 7500	0	0	7,500	Enhance basic facilities as part of modernization	New Addition
371	Centre for Mathematics in Sanskrit-Modernization/Renovation-No Civil work	Purchase of table with drawers-25 nos-unit cost-6851	0	0	171,275	Enhance basic facilities	New Addition
372	Commerce and Management studies- Purchase as part of Modernization- Network Switch and accessories	Modernization- Network Rack-1 no. Unit cost 10500	0	0	10,500	Enhance basic facilities as part of modernization	New Addition
373	Commerce and Management studies- Purchase as part of Modernization- Network Switch and accessories	Modernization- Patch cord- 8nos. Unit cost 190	0	0	1,520	Enhance basic facilities as part of modernization	New Addition
374	Commerce and Management studies- Purchase as part of Modernization- Cabling	Modernization- CAT-6, 4 pair UTP cable-450 mtr. Unit cost 50	0	0	22,500	Enhance basic facilities as part of modernization	New Addition
375	Commerce and Management studies- Purchase as part of Modernization- Cabling	Modernization- 20mm PVC Conduit-350 mtr. Unit cost 70	0	0	24,500	Enhance basic facilities as part of modernization	New Addition
376	Commerce and Management studies- Purchase as part of Modernization- Cabling	Modernization- 25mm PVC Conduit-80 mtr. Unit cost 80	0	0	6,400	Enhance basic facilities as part of modernization	New Addition
377	Commerce and Management studies- Purchase as part of	Modernization- UPS 1 no. Unit cost 9600	0	0	9,600	Enhance basic facilities as part of modernization	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
377	Modernization- Cabling	Modernization- UPS 1 no. Unit cost 9600	0	0	9,600	Enhance basic facilities as part of modernization	New Addition
378	Commerce and Management studies- Purchase as part of Modernization	Modernization- Purchase of Pedestal Fan for class rooms - 6nos, Unit cost 3445	0	0	20,670	Enhance basic facilities as part of modernization	New Addition
379	Commerce and Management studies- Purchase as part of Modernization.	Modernization- Purchase of Almirah for Office and Faculty room- 5nos, Unit cost 14500	0	0	72,500	Enhance basic facilities as part of modernization	New Addition
380	Department of Philosophy-modernization-no civil work	UPS(6 KVA) - rate-160000and UPS wiring- 1000000	0	0	262,812	for the newly constructed seminar hall,HOD room and office	New Addition
381	Commerce and Management studies- Purchase as part of Modernization- Interactive Display	Modernization- Purchase of Interactive panel-1 no. Unit cost 195700	0	0	195,529	Enhance basic facilities as part of modernization	New Addition
382	Modernization of Hindi Department-Other than Civil Work -	Purchase of Wireless presenter-1 no-unit cost-5500-Setting up of audio video system	0	0	5,500	For Setting up of audio video system in seminar Hall	New Addition
383	INCUBATION CUM ENTREPRENUERSHIP CENTRE FOR PLASTIC WASTE MANAGEMENT-no civil work-	purchase -Conference Table Standard(Wooden) -01 Nos. unit prize- 24,255/-	0	0	24,255	For Meeting and Demonstration Room	New Addition
384	Department of Sanskrit-Modernization	purchase of Normal Table- 30 nos-unit cost- 6440	0	0	193,200	Enhance basic facilities	New Addition
385	Department of Sanskrit-Modernization	Semi executive computer table with drawers-10 nos-unit cost-4499	0	0	44,990	enhance basic facilities	New Addition
386	Department of Sanskrit-Modernization	purchase of Executive table- 1 no-unit cost-19499	0	0	19,499	enhance basic facilities	New Addition
387	Commerce and Management studies- Purchase as part of Modernization-UPS and Battery	Modernization- purchase of UPS and Battery (45 computers)- 1 no. Unit cost 3,25,000	0	0	325,000	Enhance basic facilities as part of modernization	New Addition
388	Commerce and Management studies- Purchase as part of Modernization	Modernization- Purchase of Air conditioner 2 ton - 2 nos Unit cost 47500 Fitting Accessories - 47880	0	0	142,880	Enhance basic facilities as part of modernization	New Addition
389	Department of Sanskrit-Modernization	purchase of AC-1.5 ton-20 nos-unit prize- 42990	0	0	859,800	Enhance basic facilities	New Addition
390	Department of sanskrit-Modernization	purchase of Executive chair-6 nos-unit cost- 8199	0	0	49,194	enhance basic facilities	New Addition
391	Madhava Observatory-No civil work- Renovation and upgradation-	Digitarium @planetarium system-Purchase of Navitar fisheye lens for 4Kvideo projector-1 no-1513000	0	0	1,513,000	To advance scientific knowledge Drive technological innovation Promote education and public engagement Address pressing societal challenges	New Addition
392	Commerce and Management studies- Purchase as part of Modernization	Modernization- Purchase of Revolving Chair for computer lab- 35 nos. Unit cost 4990	0	0	175,000	Enhance basic facilities as part of modernization	New Addition
393	Commerce and Management studies- Purchase as part of Modernization	Modernization of Office, HoD room-Purchase of Scanner for office- 1 no. unit cost 46500	0	0	46,500	Enhance basic facilities as part of modernization	New Addition
394	Commerce and Management studies- Purchase as part of Modernization	Modernization of Office, HoD room-Purchase of Colour Printer for HoD room-1 no. unit cost 30000	0	0	30,000	Enhance basic facilities as part of modernization	New Addition
395	Commerce and Management studies- Purchase as part of Modernization	Modernization of Office, HoD room-Purchase of Sofa for visitors in HoD room-1 no. 5 seater unit cost 33400	0	0	33,400	Enhance basic facilities as part of modernization	New Addition
396	Department of sanskrit-Modernization	purchase of chair with arm- 100 nos-unit cost-7875	0	0	787,500	enhance basic facilities	New Addition
397	Department of Sanskrit - Modernization-	purchase of wooden arm chair with cushion-17 nos- unit prize- 6999	0	0	118,983	enhance basic facilities	New Addition
398	Department of Sanskrit-Modernization	purchase of Green Board- 4 nos-unit cost- 4590	0	0	18,360	for lecturing	New Addition
399	Commerce and Management studies- Purchase as part of Modernization	Renovation of Seminar Hall-Purchase of Mounting Projector and installation -i no. Unit cost 1,63,577	0	0	163,600	Enhance basic facilities as part of modernization	New Addition
400	Department of Sanskrit-Modernization	purchase of wooden Almirah with glass-7 nos-unit cost-15999	0	0	111,993	for library	New Addition
401	Department of Sanskrit-Modernization	purchase of sofa-1 nos- unit prize- 44172	0	0	44,172	for HoD Room	New Addition
402	Department of Sanskrit-Modernization	purchase of teapoy with glass-1 no-12599	0	0	12,599	for HoD room	New Addition
403	Department of Sanskrit-Modernization	purchase of Wall TV-2 nos-unit prize-99990	0	0	199,980	for seminar Hall	New Addition
404	Department of Sanskrit-Modernization	purchase of colour printer- 1 no-unit cost-26499	0	0	26,499	enhance basic facilities	New Addition
405	Commerce and Management studies- Purchase as part of Modernization	Renovation of Seminar Hall-Jefferson Chair with cushion seat and armrest -10 nos- Unit cost 7000	0	0	70,000	Enhance basic facilities as part of modernization	New Addition
406	Department of Sanskrit-Modernization	purchase of computers-3 nos-unit cost-273590	0	0	820,770	video editing,sub titling,dubbing voice over	New Addition
407	Department of Sanskrit-Modernization	purchase of Inverter with 8 batteries-2 nos-unit prize-67998	0	0	67,998	for smart classroom and seminarhall	New Addition
408	Commerce and Management studies- Purchase as part of Modernization	Modernization- Purchase of Chairs for ladies rest room and office - 26nos, Unit cost 1000	0	0	26,000	Enhance basic facilities as part of modernization	New Addition
409	Department of Sanskrit-Modernization	purchase of sound box-4 nos-unit prize-9203	0	0	36,812	public address system	New Addition
410	Department of Sanskrit-Modernization	purchase of Amplifier- 1 no-unit prize- 18405	0	0	18,405	public address system	New Addition
411	Department of Sanskrit-Modernization	purchase of mike stand-3 nos-unit prize- 1801	0	0	5,403	public address system	New Addition
412	Department of Sanskrit-Modernization	purchase of video camera -1 no-unit cost- 165500	0	0	165,500	for programme recording	New Addition
413	Department of Sanskrit-Modernization	purchase of wireless microphone-4 nos-unit cost- 2177	0	0	8,708	public address and audience response	New Addition
414	Department of Sanskrit-	purchase of stage microphone-2	0	0	5,778	public address from stage	New

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
414	Modernization	nos- unit cost- 2889	0	0	5,778	public address from stage	Addition
415	Department of Sanskrit-modernization	wooden plane ceiling-1 nos-200000	0	0	200,000	renovation	New Addition
416	Department of Sanskrit-Modernization	modification of class rooms, seminar hall,research hall, computer lab, HoD room,office	0	0	220,000	enhance basic facilities	New Addition
417	Kerala Media Archive	Purchase of Mac Book Pro 16-1 no-unit prize-340000	0	0	340,000	The mac Book pro models are portable yet, powerful machines,ideal for working in different parts of the archive.Their high performance processors and long battery life are essential for filed works ,digitizing materials and conducting research on the go.The 16-inch mdl offers an expanded display and more processing power,ideal for tasks such as video editing ,scanning and digitization.particularly for high resolution content	New Addition
418	Kerala Media Archive	Automated Projector screen-1 no-unit prize- 100000	0	0	100,000	The electric projection screen is necessary for public exhibitions and presentations in an archive.It will allow the archive to display multimedia content,documentaries or interactive exhibits to as larger audience in a professional setting.The projector ensures high-quality visuals for outreach programs, workshops and seminars,enhancing visitor engagement and educational initiatives	New Addition
419	Kerala Media Archive	Purchase of Projector-1 no- unit cost- 300000	0	0	300,000	Projector is necessary for public exhibitions and presentations in an archive. It will allow the archive to display multimedia content, documentaries, or interactive exhibits to a larger audience in a professional setting. The projector ensures high-quality visuals for outreach programs, workshops, and seminars, enhancing visitor engagement and educational initiatives.	New Addition
420	Kerala Media Archive	purchase of DSLR full frame- 1 no-unit prize- 145000	0	0	145,000	A high-quality camera and specialized lenses are essential for capturing media materials such as photographs, documents, and artifacts in high resolution. These tools will be used for documenting archival items, digitizing physical media, and capturing still images and videos for both preservation and public exhibitions.	New Addition
421	Kerala Media Archive	purchase of 24-105 mm lens-1 no-unit cost- 38000	0	0	38,000	A high-quality camera and specialized lenses are essential for capturing media materials such as photographs, documents, and artifacts in high resolution. These tools will be used for documenting archival items, digitizing physical media, and capturing still images and videos for both preservation and public exhibitions.	New Addition
422	Kerala Media Archive	purchase of 16 mm 2.8 Block Lens	0	0	30,000	Camera and specialized lenses are essential for capturing media materials such as photographs, documents, and artifacts in high resolution. These tools will be used for documenting archival items, digitizing physical media, and capturing still images and videos for both preservation and public exhibitions.	New Addition
423	Kerala Media Archive	purchase of Battery for DSLR-2 nos-unit prize- 4000	0	0	8,000	Essential for using DSLR	New Addition
424	Kerala Media Archive	purchase of camcorder- 1 no-unit prize- 180000	0	0	180,000	Necessary for recording and preserving audiovisual materials, such as interviews, old radio broadcasts, and footage of archival content. It will help document oral histories, create video resources for research purposes, and contribute to multimedia displays in the archive.	New Addition
425	Department of Sanskrit-Modernization	engineering work-eco proof cealing - 1 no-	0	0	186,087	renovation	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
426	Journalism -Kerala MEdia Archive	Purchase of VR glasses- 1 no- unit prize-56000	0	0	65,000	snap drag on XR2 Gen 2,512 gb storage	New Addition
427	Journalism-Kerala Media Archive-	purchase of Mojo kit-1 no-unit prize-25000	0	0	25,000	Essential for easy and handy audio visual production of archival content from the field	New Addition
428	Journalism-Kerala Media Archive-	purchase of Laptop-2 nos-unit prize-180000	0	0	360,000	Essential for working in different parts of the archive in the field. Their high-performance processors and long battery life are essential for fieldwork, digitizing materials.	New Addition
429	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab- Smart TV/LED display- 1 no. Unit cost 2,10,999	0	0	210,999	To establish a state-of-the-art development and policy lab	New Addition
430	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab- Microphone- 1 no. Unit cost 22,995	0	0	24,995	To establish a state-of-the-art development and policy lab	New Addition
431	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab- Camera- 1 no. Unit cost 74,600	0	0	74,600	To establish a state-of-the-art development and policy lab	New Addition
432	Kerala Media Archive	Desktop computer including monitor , mouse and keyboard -2 nos- unit prize- 171000	0	0	342,000	Essential for working in different parts of the archive.	New Addition
433	Kerala Media Archive-	Adobe creative suite- 1 no- unit cost-100600			100,600	Essential for video, audio and image content editing	New Addition
434	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab- Tripod/Camera stand- 1 no. Unit cost 2000	0	0	2,000	To establish a state-of-the-art development and policy lab	New Addition
435	Modernization of Mathematics Department-Other than Civil work	-purchase of conference table- 1 no-unit prize- 199600-Purchase related to modernization	0	0	199,600	Enhance basic facilities	New Addition
436	Modernization of Mathematics Department-Other than Civil work-	purchase of Library desk for reception counter- 1 no-unit prize-65000-Purchase related to modernization	0	0	65,000	Enhance basic facilities	New Addition
437	Modernization of Statistics department-other than civil work	purchase of Interactive Panel-2 nos-unit prize-172000-Purchase related to modernization	0	0	344,000	for the conduct of interactive classes integrating multimedia tools with student centric learning experiences, in a class room and in the lab of the department, in the advent of OBE,under CCSS in the curriculum, and for sound pedagogical reasons,we need to renovate and equip the classrooms and lab with latest teaching technologies	New Addition
438	Journalism-Kerala Media Archive-Modernization	Web portal development,hosting and cloud infrastructure management- 1 no- 1500000	0	0	1,500,000	The development of a Web Portal for the Kerala Media Archive is essential as the online display of archival content is one of the preliminary objectives of the project. This digital platform will include advanced search functionality, metadata-driven organization, multilingual support, and a user-friendly interface optimized for both desktop and mobile access. Cloud hosting on platforms like AWS, with CDN integration , ensures reliable, scalable, and fast delivery of media content. The domain and DNS manageme nt, along with regular server	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
438	Journalism-Kerala Media Archive-Modernization	Web portal development,hosting and cloud infrastructure management- 1 no- 1500000	0	0	1,500,000	updates, security patches, and backup systems, will maintain the system's stability and data integrity. Monitoring tools will track performance and uptime, ensuring continuous accessibility. An annual maintenance plan for five years will support system updates, troubleshooting, and ongoing technical support for long-term sustainability and growth.	New Addition
439	Journalism-Kerala Media Archive-Modernization	Design and Development of an integrated workspace and display system- unit cost-1700000	0	0	1,700,000	The Design and Development of an Integrated Workspace and Display System is a critical component of the Kerala Media Archive Project, as it ensures both the efficient functionality and the engaging presentation of archival content. The integrated workspace will provide a collaborative and organized environment for researchers, archivists, and staff, enabling them to process, catalogue, and manage archival materials with ease. This workspace will be tailored to the specific needs of the archive, featuring areas for digitization, restoration, and research, while maintaining a high standard of preservation practices. The display system will allow the archive to showcase its vast media collection in an accessible and engaging manner. It will feature a combination of physical including interactive multimedia displays, touchscreen monitors, and projected content, enhancing the visitor experience. This system will not only facilitate	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
439	Journalism-Kerala Media Archive-Modernization	Design and Development of an integrated workspace and display system- unit cost-1700000	0	0	1,700,000	public exhibitions and educational outreach programs but also ensure that visitors can engage with the archive's collection in innovative ways. The design will prioritize accessibility, security, and preservation, with custom furnishing including shelving, display cases, and environmental control measures to protect sensitive materials. Overall, the development of a well- and digital displays,designed and integrated workspace, alongside a versatile and user-friendly display system, will support the smooth operation of the Kerala Media Archive while providing an immersive and educational experience for all visitors. These enhancements will ensure the archive serves as both a hub for research and a dynamic cultural resource, contributing to the long-term preservation and accessibility of Kerala media heritage.	New Addition
440	Journalism-Kerala Media Archive-Modernization	Procurement and Digitization of Archival content-unit cost-3000000	0	0	3,000,000	Collecting artifacts such as newspapers, magazines, books, manuscripts, and copying audio and video content from various media organizations is essential for preserving Kerala's rich media heritage. These materials provide valuable insights into the region's social, political, and cultural history. Digitizing these artifacts ensures their long-term	New Addition



S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
440	Journalism-Kerala Media Archive-Modernization	Procurement and Digitization of Archival content-unit cost-3000000	0	0	3,000,000	preservation, protects them from degradation, and makes them accessible for research and public use. This process also enables better organization, searchability, and retrieval of content, safeguarding Kerala's media legacy for future generations and providing a dynamic resource for academic and cultural engagement.	New Addition
441	Journalism-Kerala Media Archive-Modernization	Installation, commissioning and training for all segments like webportal development Integrated workspace, procurement and digitization of archival content-unit cost-136400	0	0	136,400	Given the media convergence environment fuelled by digital revolution the entire project is envisioned to complete by setting up an integrated system converging and networking and it will be named as Kerala Media Archive at the Department of Journalism and Mass Communication. Such integration will ensure mutual compatibility and sharing of resource sharing in a cost effective fashion reducing duplication of hardware and software enabling more participation from various stake holders	New Addition
442	Psychology-Opening spaces for dialogues on disability	purchase of Mini refrigerator-1 no-unit cost- 12496	0	0	12,496	Goal of promoting understanding, inclusivity, and advocacy for individuals with disabilities	New Addition
443	Psychology-Opening spaces for dialogues on disability	purchase of cutlery-steel tumblers, plates, cooking utensils, spoons(for training purpose)-rate-10000	0	0	10,000	Goal of promoting understanding, inclusivity, and advocacy for individuals with disabilities	New Addition
444	Psychology-Opening spaces for dialogues on disability	Miscellaneous expenses-rate-10000	0	0	10,000	Goal of promoting understanding, inclusivity, and advocacy for individuals with disabilities	New Addition
445	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	-purchase of Battery Charger For Cam2 nos-unit prize-7000 -Setting AV Labs-Renovation and upgradation	0	0	14,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
446	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work-	purchase of Electronic Humidity Control-1 no-55000-Setting AV Labs-Renovation and upgradation	0	0	55,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advanced digital environment	New Addition
447	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase of 8 Socket Surge Protector-1 nos-unit prize-3000 -Setting AV Labs-Renovation and upgradation	0	0	3,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advanced digital environment	New Addition
448	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab-Microphone- 2 nos- unit prize- 3000	0	0	6,000	To establish a state-of-the-art development and policy lab	New Addition
449	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab-speaker- 4 nos- unit cost- 7125	0	0	28,500	To establish a state-of-the-art development and policy lab	New Addition
450	Psychology-Development and Implementation of a Psychological First Aid Manual: A Facilitator's Guide- no civil work	Portable projector for extension activites -1 no- unit cost-32500	0	0	32,500	Improve the psychological well-being of individuals Crisis response	New Addition
451	Psychology-Development and Implementation of a Psychological First Aid Manual: A Facilitator's Guide- no civil work	purchase of portable mic(2 nos )-rate-10194	0	0	10,194	Improve the psychological well-being of individuals Crisis response	New Addition
452	Psychology-Development and Implementation of a Psychological First Aid Manual: A Facilitator's Guide- no civil work	purchase of Dell laptop-2 nos- unit cost- 74203	0	0	148,406	Improve the psychological well-being of individuals Crisis response	New Addition
453	Psychology-Development and Implementation of a Psychological First Aid Manual: A Facilitator's Guide- no civil work	Duplex colour printer - 1 no- unit cost- 22350	0	0	22,350	Improve the psychological well-being of individuals Crisis response	New Addition
454	Psychology-Development and Implementation of a Psychological First Aid Manual: A Facilitator's Guide- no civil work	purchase of camera- 1 no-unit prize-44989	0	0	44,989	Improve the psychological well-being of individuals Crisis response	New Addition
455	Psychology-Development and Implementation of a Psychological First Aid Manual: A Facilitator's Guide- no civil work	publication and printing expenses-rate-449856	0	0	449,856	Improve the psychological well-being of individuals Crisis response	New Addition
456	Psychology-Development and Implementation of a Psychological First Aid Manual: A Facilitator's Guide- no civil work	setting up meeting room with visuo-auditory facilities-AC-1.5 ton ,LG 5 star- 3 no- rate- 150000	0	0	150,000	Improve the psychological well-being of individuals Crisis response	New Addition
457	Psychology-Opening spaces for dialogues on disability	purchase of stationary-rate-15000	0	0	15,000	Goal of promoting understanding, inclusivity, and advocacy for individuals with disabilities	New Addition
458	Psychology-Opening spaces for dialogues on disability	purchase of duplex colour printer-rate- 22350	0	0	22,350	Goal of promoting understanding, inclusivity, and advocacy for individuals with disabilities	New Addition
459	Psychology-Opening spaces for dialogues on disability	purchase of smart tv-1 no-rate-85000	0	0	85,000	Goal of promoting understanding, inclusivity, and advocacy for individuals with disabilities	New Addition
460	Psychology-Opening spaces for dialogues on disability	outdoor activities(travel,tickets etc)-61444	0	0	61,444	Goal of promoting understanding, inclusivity, and advocacy for individuals with disabilities	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
460		outdoor activities(travel,tickets etc)-61444	0	0	61,444	Goal of promoting understanding, inclusivity, and advocacy for individuals with disabilities	New Addition
461	Psychology-Opening spaces for dialogues on disability	Documentation(stationary ) - rate-15000	0	0	15,000	Goal of promoting understanding, inclusivity, and advocacy for individuals with disabilities	New Addition
462	Psychology-Opening spaces for dialogues on disability	Publication(Illustrated booklet development and printing- rate-40000 and 45000)	0	0	85,000	Goal of promoting understanding, inclusivity, and advocacy for individuals with disabilities	New Addition
463	ntegrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab-wireless microphone-2 nos-unit prize-4100	0	0	8,200	To establish a state-of-the-art development and policy lab	New Addition
464	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab-Amplifier-1 no- unit cost-18500	0	0	18,500	To establish a state-of-the-art development and policy lab	New Addition
465	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab-speaker cable- 120 mtr-@ 40 rs.	0	0	4,800	To establish a state-of-the-art development and policy lab	New Addition
466	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab-headset-2 nos-unit prize- 2700	0	0	5,000	To establish a state-of-the-art development and policy lab	New Addition
467	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab-chair-8 nos-unit prize-8229.32	0	0	65,834	To establish a state-of-the-art development and policy lab	New Addition
468	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab-conference table-1 no- unit cost-75500	0	0	75,500	To establish a state-of-the-art development and policy lab	New Addition
469	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab-officetable-5 nos- unit cost- 22430.62	0	0	112,153	To establish a state-of-the-art development and policy lab	New Addition
470	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab-Air conditioner- 2 nos- unit cost-25001	0	0	50,002	To establish a state-of-the-art development and policy lab	New Addition
471	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab-stand for the AC-2 nos- unit cost-2900	0	0	5,800	To establish a state-of-the-art development and policy lab	New Addition
472	Integrated PG/ FYUG programme in Developmental studies - Modernization  Modernization-Purchase to set up Development Policy Lab-	To establish a state-of-the-art development and policy lab-stabilizers/line voltage correctors for AC- 2 nos- unit cost-2760	0	0	5,520	To establish a state-of-the-art development and policy lab	New Addition
473	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab-centralized UPS-1 no- unit cost-49224	0	0	49,224	To establish a state-of-the-art development and policy lab	New Addition
474	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room-Greeken modular extendable conference table prelam particle board with laminate on one side .table top wooden/engineer wood understructure- 1 no- unit cost-66150	0	0	66,150	Setting up pf a state of the art conference/seminar room	New Addition
475	Integrated PG/ FYUG programme in	Modernization-Purchase to set up state of art	0	0	250,000	Setting up pf asstate of the art conference/seminar room	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
475	Developmental studies - Modernization	conference/seminar room-Auditorium chair V2- 50 nos-unit cost- 5000	0	0	250,000	Setting up pf asstate of the art conference/seminar room	New Addition
476	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room- Daikin cooling and heating 1.5 ton 5 star-4 nos-unit prize-25001	0	0	100,004	Setting up pf a state of the art conference/seminar room	New Addition
477	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room-Wybor metallic mount suitable for ceiling mounted split AC-4 nos-unit prize- 2900	0	0	11,600	Setting up pf a state of the art conference/seminar room	New Addition
478	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room-Hypher automatic line voltage correctors for domestic use- 4 nos-unit prize- 2760	0	0	11,040	Setting up pf a state of the art conference/seminar room	New Addition
479	ntegrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room-Laketech windows 10 LED Electronic Lectern-1 no- unit cost-155000	0	0	155,000	Setting up pf a state of the art conference/seminar room	New Addition
480	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room-EPSON standard throw multimedia projector-1 no- unit cost-10000	0	0	10,000	Setting up pf a state of the art conference/seminar room	New Addition
481	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room-View sonic smart class equipment and digital content software with 3 years support- 1 no-unit prize-6000	0	0	6,000	Setting up pf a state of the art conference/seminar room	New Addition
482	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room-Ahuja wireless cardoid microphone-2 nos-unit cost- 1600	0	0	3,200	Setting up pf a state of the art conference/seminar room	New Addition
483	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room-Ahuja two way PA speaker- 3 no- unit cost-348	0	0	1,044	Setting up pf a state of the art conference/seminar room	New Addition
484	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room-Ahuja dual channel power amplifier- 1 no- unit cost-10500	0	0	10,500	Setting up pf a state of the art conference/seminar room	New Addition
485	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room-3 D Link HDMI cable 5 mtr-unit prize-221.33	0	0	1,106	Setting up pf a state of the art conference/seminar room	New Addition
486	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room-unbranded non magnetic white dry erase writing board of dimesnsions-1200mm x600 mm-1 no- unit cost- 1500	0	0	1,500	Setting up pf a state of the art conference/seminar room	New Addition
487	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room-high end window blinds fabric-polyster vertical blinds of slat width 75 mm and slat thickness 1 mm-8 nos- unit prize-95	0	0	760	Setting up pf a state of the art conference/seminar room	New Addition
488	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room- laser printer- 1 no- unit prize- 65923	0	0	65,923	Setting up pf a state of the art conference/seminar room	New Addition
489	Integrated PG/ FYUG	Modernization-Purchase for	0	0	1,022,700	Expanding the computer lab of the	New

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
489	programme in Developmental studies - Modernization	expanding computer lab-desktop computer-21 nos-unit cost-48700	0	0	1,022,700	department	Addition
490	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase for expanding computer lab-chair- 21 nos- unit cost- 5472.84	0	0	114,929	Expanding the computer lab of the department	New Addition
491	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase for expanding computer lab-computer table- 21 nos-unit cost-9783.38	0	0	205,451	Expanding the computer lab of the department	New Addition
492	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase for expanding computer lab-centralized UPS-2 nos- unit cost- 49224	0	0	98,448	Expanding the computer lab of the department	New Addition
493	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	purchase for Production Control Room ( PCR) in Television Studio-Keyboard-1 no-unit prize-20000 -Setting AV Labs-Renovation and upgradation	0	0	20,000	The machines and software now available are outdated and not matching with the digital media production environment.  The syllbus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
494	Journalism-Renovation and upgradation of the television studio and audio-visual lab system-No civil work	-purchase forAudio visual Lab - Acoustic Floor Mat-800 sq ft-150/sq ft-Setting AV Labs-Renovation and upgradation	0	0	120,000	Existing facility is not matching with the digital media production environment.  The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
495	Modernisation of political science- other than civil work	purchase of furniture-Jefferson chair with dark brown rexine cushion-70 nos-unit prize-8420	0	0	589,400	Modernization of classrooms, labs, in terms of purhcase	New Addition
496	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of rmultifunctional electrospinning unit- 2 Nos - 400000 Unit Price	0	0	800,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
497	Journalism-Renovation and upgradation of the television studio and audio- visual lab system-No civil work	purchase of 24-50 mm Lens-1			29,000	The studio facility established in 2004. So, the camera and accessories now available are outdated and not matching with the digital media production environment. The syllabus is changed, but facility is still in older mode and to be upgraded. These facilities are essential to impart media production training in an advaned digital environment	New Addition
498	kerala media Archive	purchase of High resolution scanners- 2 nos- (Flat bed scanner and overhead book scanner)- unit prize- 200000	0	0	400,000	The high-resolution flatbed scanners are vital for digitizing fragile or valuable paper-based media like in newspaper and magazine formats. The high resolution ensures that every detail is captured for accurate preservation and access.	New Addition
499	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up state of art conference/seminar room-Extension cord with 20 mtr wire- 5 nos- unit prize- 1000	0	0	5,000	Setting up pf a state of the art conference/seminar room	New Addition
500	Kerala Media Archive	Portable high resolution scanner			150,000	vital for digitalizing fragile or valuable paper based media	New Addition
501	Psychology-Development and Implementation of a Psychological First Aid Manual: A Facilitator's Guide- no civil work	Training kit and other expense for students- rate- 157281	0	0	157,281	Improve the psychological well-being of individuals Crisis response	New Addition
502	Commerce and Management studies- Purchase as part of Modernization	Renovation of Seminar Hall- Repair of Sound System in Seminar Hall	0	0	236,350	Enhance basic facilities as part of modernization	New Addition
503	Development and Upgradation of Pareeksha Bhavan- Digitalization of Examination records	Digitalization of Examination records- Purchase/Leasing of softwares	0	0	2,000,000	To provide a better and efficient service to students,	New Addition
504	Department of Sanskrit- Modernization	Steel book shelf with 4 mm glass door			150,000	Department of Sanskrit- Modernization	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
505	Department of Sanskrit-Modernization	Wash basin			10,000	Department of Sanskrit- Modernization	New Addition
506	Development and Upgradation of Pareeksha Bhavan- Faculty Development Training	Faculty Training workshops and Seminars- (Experts honorarium, Experts TA& Accommodation, Participants-lunch & refreshments, Stationery Items, etc.)	0	0	2,000,000	To provide a better and efficient service to students,	New Addition
507	Integrated PG/ FYUG programme in Developmental studies - Modernization	Modernization-Purchase to set up Development Policy Lab-Electronic lectern/podium -1 no- unit prize-45000	0	0	46,308	To establish a state-of-the-art development and policy lab	New Addition
508	Development and Upgradation of Pareeksha Bhavan-Enhancing Examination Security	Enhancing Examination Security-Installation of CCTV7 purchase of security soft wares	0	0	2,500,000	To provide a better and efficient service to students,	New Addition
509	Development and Upgradation of Pareeksha Bhavan-Modernization of Examination Infrastructure	Modernization of Examination Infrastructure- Purchase of 125 Desktop computers & one IFPD Panel with camera for Video conferencing	0	0	5,300,000	To provide a better and efficient service to students,	New Addition
510	Psychology-Development and Implementation of a Psychological First Aid Manual: A Facilitator's Guide- no civil work	setting up meeting room with visuo-auditory facilites- conference table with 8 chairs- rate- 36875	0	0	36,875	Improve the psychological well-being of individuals Crisis response	New Addition
511	Development and Upgradation of Pareeksha Bhavan-Expansion of Examination Centres	Expansion of Examination Centres-Installation of LAN , UPS and procurement of other infrastructure for expanding Examination centres	0	0	1,000,000	To provide a better and efficient service to students,	New Addition
512	Modernization of Mathematics Department-Other than Civil work-	HDMI Cable -			14,000	For Seminar hall	New Addition
513	Development and Upgradation of Pareeksha Bhavan-Expansion of Examination Centres	Expansion of Examination Centres-Procurement of infrastructure	0	0	1,280,000	To provide a better and efficient service to students,	New Addition
514	Psychology-Opening spaces for dialogues on disability	Activity based resources- Induction stove- 2 nos-11740	0	0	11,740	Goal of promoting understanding, inclusivity, and advocacy for individuals with disabilities	New Addition
515	Development and Upgradation of Pareeksha Bhavan-Modernization of Examination Infrastructure	Modernization of Examination Infrastructure- Staff Training	0	0	530,000	To provide a better and efficient service to students,	New Addition
516	Strengthening Industry Institutional Linkage Statistics	Centre for industrial collaboration	30	10,000	300,000	Enhances the quality of education Fosters practical skills development Supports research and innovation Improves students' career prospects	Deleted
517	Psychogy-Development and Implemetation of a Psychological first Aid Manual	Purhcase - Grandfather's chair-setting up meetingroom- 8 nos- unit cost- 4893	0	0	39,144	for setting up meeting room with visuo-auditory facilites	New Addition
518	Broadcast of Radio CU programme	Setting of radio station	100	10,000	1,000,000	Encourage participation of the students, faculty members and the administrative staff Bridges the gulf between the students and the people outside	Deleted
519	Integrated PG/ FYUG programme in Bioscience - Modernization	Classrooms, Laboratories, Library, Seminar hall	1000	10,000	10,000,000	Acquiring comprehensive knowledge Contribute to scientific research Develop research-related skills Environmental consiousness Teaching and education	Deleted
520	Centre for Entrepreneurship and Leadership (CEL)	Classrooms, Library, Seminar Hall, Laboratories	480	10,000	4,800,000	Leadership development Networking opportunities Fostering a culture of entrepreneurship within communities and organizations	Deleted
521	Forging stronger Ties Between and Industry in The Department of Economics	Classrooms, Library, Seminar Hall, Laboratories	200	10,000	2,000,000	Knowledge sharing, research, and practical application of economic principles	Deleted
522	Incubation cum Entrepreneurship Centre for Plastic Waste Management	Classrooms, Library, Seminar Hall, Laboratories	1790	10,000	17,900,000	Innovative approaches to reduce, reuse, recycle Environmental education Socioeconomic development	Deleted
523	Social Audits of Government Schemes	Classrooms, Library, Seminar Hall, Laboratories	390	10,000	3,900,000	Promoting transparency, accountability, and citizen engagement in governance	Deleted
524	Sustainable Tourism Development	Classrooms, Library, Seminar Hall, Laboratories	70	10,000	700,000	Promote and manage tourism Conserving natural and cultural heritage	Deleted
525	Centre for  Diaspora studies	Class room	360	10,000	3,600,000	Educational initiatives that cater to the needs of diaspora population	Deleted
526	Department of Sanskrit-	bathroom repairing-Engineering Work			20,000	engineering work	New Addition
527	Industry linkage programme	Classrooms, Library, Seminar Hall, Laboratories	125	10,000	1,250,000	Economic forecasting Policy analysis Market research Internship and job placements International business practices	Deleted
528	Modernization - Folklore studies	Modernization-Purchase of Microphone Cables with All Necessary Connectors - as required.	0	0	20,000	For modernization of the Seminar Hall.	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
529	Department of Sanskrit-Modernization	purchase of water purifiers-2 nos-unit prize-12999	0	0	25,998	for office and library	New Addition
530	Department of Sanskrit-Modernization	purchase of Trolly mike-1 no- unit cost-12998	0	0	12,998	public address system	New Addition
531	Journalism-kerala Media Archive	production properties -5 nos- unit prize- 10000	0	0	50,000	Essential for Video camera operation	New Addition
532	Department of Sanskrit-Modernization	purchase of projector- 2 nos-unit prize-179000	0	0	358,000	for seminar Hall	New Addition
533	Department of Sanskrit-Modernization	purchase of sound mixture-1 no-unit prize- 29499	0	0	29,499	voice over for Audio description dubbing	New Addition
534	English-Centre for Advanced studies on Translation-CAST-No civil work	Making translations of valuable texts and films- Purchase of Bench - 4 Nos - 8331 Unit Price	0	0	33,324	Furniture purchase, Social commitment, globalizing the local	New Addition
535	Modification of various rooms for Arabic Department	Modification of various rooms for Arabic Department	2557.7	1,564	4,000,000	Modification of various rooms for Arabic Department	New Addition
536	Modernization - Folklore studies	Modernization-Purchase of Cabling and Conduit- 200 mtr- Unit cost 180	0	0	36,000	For modernization of the Seminar Hall.	New Addition
537	English-Centre for Advanced studies on Translation-CAST-No civil work	Making translations of valuable texts and films- Purchase of Podium - 1 No - 8645 Unit Price	0	0	8,645	Furniture purchase, Social commitment, globalizing the local	New Addition
538	Modernization - Philosophy-No Civil Work	Library user chair -12 nos- unit cost-2840	0	0	42,500	enhance basic facilites	New Addition
539	English-Centre for Advanced studies on Translation-CAST-No civil work	Making translations of valuable texts and films- Purchase of chair 66AHx50Wx90BH - 10 Nos - 3974 Unit Price	0	0	39,740	Furniture purchase, Social commitment, globalizing the local	New Addition
540	English-Centre for Advanced studies on Translation-CAST-No civil work	Making translations of valuable texts and films- Purchase of Stage 1 ft, height - 1 No - 45142 Unit Price	0	0	45,142	Furniture purchase, Social commitment, globalizing the local	New Addition
541	English-Centre for Advanced studies on Translation-CAST-No civil work	Making translations of valuable texts and films-purchase of tables 91x61x76 - 10 Nos - 6857 (Unit Price)	0	0	68,570	Furniture purchase , Social commitment, globalizing the local	New Addition
542	Modernization-Hindi Department-Modification works for various rooms in Hindi	Modification works for various rooms in Hindi	4424.6	1,130	5,000,000	Modification work of classrooms	New Addition
543	Modernization - Commerce and Management-Construction of parking shed for vehicles	Construction of parking shed for vehicles	290.52	861	250,000	Enhance basic facilities	New Addition
544	Commerce and Management studies- Purchase as part of Modernization	Modernization- Purchase of Desktop computers -31 nos. Unit cost 45,500	0	0	1,410,500	Enhance basic facilities as part of modernization	New Addition
545	Modernization of Hindi Department-Other than Civil Work -	Purchase of AC- 2 ton-8 nos-50500	0	0	404,000	Modernization by purchase	New Addition
546	Development and Upgradation of Pareeksha Bhavan-Digitalization of Examination records	Digitalization of Examination records- Digitalization of Tabulation Registers	0	0	2,000,000	To provide a better and efficient service to students,	New Addition
547	Modification of various rooms for Arabic Department-Extension && Modification works for Theatre, Seminar Hall and Class rooms at Arabic Department	Extension && Modification works for Theatre, Seminar Hall and Class rooms at Arabic Department	2119.1	4,459	9,450,000	As part of modernization	New Addition
548	English-Centre for Advanced studies on Translation-CAST-No civil work	Making translations of valuable texts and films - Purchase of Jefferson chair (with writing pad) - 35 Nos - 4824 Unit Price	0	0	168,840	Furniture purchase, Social commitment, globalizing the local	New Addition
549	Modernization of the Department of Zoology-purchase of furniture-Student's chair-75 nos-unit prize-4200	Modernization of classrooms,laboratories, and seminar hall	0	0	315,000	For three classrooms with 25 students each	New Addition
550	Modernization of Mathematics Department-Other than Civil work-purchase of Computer-15 nos-unit cost-60000	Purchase related to modernization	0	0	900,000	for lab	New Addition
551	Modernization of Statistics Department-Electrification	Electrification	0	0	70,000	Necessary electric work for the renovation of the class room	New Addition
552	Modernisation of political science- other than civil work-purchase of furniture-wooden stage/raise platform-qty-10.56-unit prize- 9501	Modernization	0	0	100,331	Modernization of classrooms, labs, in terms of purchase	New Addition
553	Kerala Media Archive-other than civil work	purchase of Mac Book pro 14-3 nos-unit cost- 260000	0	0	780,000	The mac Book pro models are portable yet, powerful machines,ideal for working in different parts of the archive.Their high performance processors and long battery life are essential for filed works ,digitizing materials and conducting research on the go.The 16-inch mdl offers an expanded display and more processing power,ideal for tasks such as video editing ,scanning and digitization.particularly for high resolution content	New Addition
554	English-Centre for Advanced studies on Translation-CAST-No civil work	Making translations of valuable texts and films- Purchase of Shelf - 2 Nos - 28144 Unit Price	0	0	56,288	Furniture purchase, Social commitment, globalizing the local	New Addition
555	English-Centre for Advanced studies on Translation-CAST-No civil work	Making translations of valuable texts and films- Purchase of Executive chair - 2 Nos - 8703 Unit Price	0	0	17,406	Furniture purchase, Social commitment, globalizing the local	New Addition
556	Development and Upgradation of Pareeksha Bhavan-Construction of additional stair for fire escape to the Controller of Examinations building at	Construction of additional stair for fire escape to the Controller of Examinations building at Pareeksha Bhavan	817.76	3,265	2,670,000	Adapt to changing educational and technological landscapes Improve the examination experience for candidates	New Addition

S.No	Description of Infrastructure	Detail of renovation/upgradation proposed	Proposed Area Sq. feet	Total Cost per Sq. feet	Total cost	Justification	Status
556	Pareeksha Bhavan	Construction of additional stair for fire escape to the Controller of Examinations building at Pareeksha Bhavan	817.76	3,265	2,670,000	Maintain the credibility and effectiveness of assessment processes	New Addition
557	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Potentiostat/Galvanostat with necessary accessories for electrochemical experiments - 1 No - 450000 Unit Price	0	0	450,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
558	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Mini Potentiostat for demonstrating skill development experiments in electrochemistry - 1 No - 350000 Unit Price	0	0	350,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
559	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Portable Cyclic Voltammetry/ Charge and Discharge System - 1 No - 260000 Unit Price	0	0	260,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
560	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Magnetic stirrer with hot plate and temperature prob - 7 Nos - 40000 Unit Price	0	0	280,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
561	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of "High Vacuum Pumps for Routine Synthesis - 3 Nos - 50000 Unit Price	0	0	150,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
562	Integrated PG/ FYUG programme in Physics - Modernization-No civil work	Classrooms, Laboratories-Modernization-purchase of Advanced Micro-fluidic Injection System with an inverted microscope - 1 Nos, Unit Price: 3000000	0	0	3,000,000	Academic pursuits Quantitative skill development High demand in technology Space and aerospace industries	New Addition
563	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Muffle Furnace with Digital Temperature Controller - 1 No - 55000 Unit Price	0	0	55,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
564	Integrated PG/ FYUG programme in Physics - Modernization-No civil work	Classrooms, Laboratories-Modernization-purchase of analytical balance - 1 Nos - Unit Price: 150000	0	0	150,000	Academic pursuits Quantitative skill development High demand in technology Space and aerospace industries	New Addition
565	ZGRC- Extension and renovation of Acarology lab at Dept of Zoology	To develop genetic manipulation techniques	860	2,904	2,500,000	Disease modelling using zebrafish as a model	New Addition
566	Russian and Comparative Literature-Modernization-	purchase of Amplification system(250*4 channel 1000 W Amp)-1 no.-unit prize-152000 For setting up Audio visual system	0	0	152,000	purchase as part of Modernization	New Addition
567	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of fumehood - 4 Nos - 125000 Unit Price	0	0	500,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
568	Integrated PG/ FYUG programme in Physics - Modernization-No civil work	Classrooms, Laboratories-Modernization- Setting-up of advanced computational laboratory (server facility) -  1.Rack Mount server 2.CPU 3.GPU 4.RAM 5.SSD 6.Software  1 Nos - Unit Price: 5000000	0	0	5,000,000	Academic pursuits Quantitative skill development High demand in technology Space and aerospace industries	New Addition
569	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Probe Sonicator - 1 No - 240000 Unit Price	0	0	240,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition
570	Integrated PG/ FYUG programme in Chemistry - Modernization-No civil work	Classrooms, Laboratories - modernization: purchase of Ball Milling Unit - 3 Nos - 50000 Unit Price	0	0	150,000	Academic and teaching careers Scientific research Pharmaceutical opportunities Develop analytical skills Chemical industries	New Addition

Whether Institution have details of Equipments

Yes

Equipment Procured						
S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
1	Computers, Servers, Softwares, LAN, WiFi (Online Examination Centre)	1	34,165,174	34,165,174	Conducting online examinations	Old-Record
2	Online Examination Centre-Network/Surveillance Infrastructure			2,668,450	Conducting online examinations	Updated-Old-Record
3	StereoZoom Microscope with Camera (for Tropical Disease Diagnosis Techniques Development Centre)	1	1,000,000	1,000,000	Stereo zoom microscopes offer variable magnification, which allows for meticulous examination of samples, from the gross morphology of vectors like mosquitoes and ticks to the nuanced structures of parasites. This level of detail is crucial in identifying the particular species and life stages that are responsible for disease transmission.	Old-Record
4	RTPCR(for Tropical Disease Diagnosis Techniques Development Centre)	1	1,390,000	1,390,000	The Proposed Tropical Disease diagnosis Techniques Development Centre aims to drive innovation in diagnostic tools and methods for the effective detection and management of tropical diseases. Tropical diseases, prevalent in many tropical and subtropical regions, pose significant public health challenges, often compounded by limitations in existing diagnostic techniques such as high	Updated-Old-Record



S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
4	RTPCR(for Tropical Disease Diagnosis Techniques Development Centre)	1	1,390,000	1,390,000	costs, complexity, and low sensitivity	Updated-Old-Record
5	Multimode plate reader Gradient PCR Benchtop flow cytometer Biological safety cabinet class II type Co2 incubator High speed refrigerated centrifuge Ultra-low temperature Freezer (-80oC)Gel Imager, Oxygraph, Platform rocker (for Centre for NAMS)	1	14,400,000	14,400,000	Advancing scientific research	Old-Record
6	CUCNAM)-SPECTROPHOTOMETER	1	600,000	600,000	Essential for quantifying and assessing the purity of DNA, RNA, and proteins of samples, conserving valuable material. With a wide wavelength range (190–1100 nm), high photometric accuracy (±0.0015 Abs), low stray light, and 1 nm spectral bandwidth, it ensures precise analysis of biomolecules at low concentrations	Updated-Old-Record
7	Major equipments Stereozoom microscope Herbarium cabinets Autoclave Incubators Ultracentrifuge PCR machines Gel Docs Chromatography Camera Spectrophotometer Deep freezer etc. (For CALI-CUBG)	1	16,000,000	16,000,000	Facilitates genetic studies, molecular taxonomy, and biodiversity assessment, enabling advanced research on species identification and classification.	Old-Record
8	For CALI-CUBG-Botany-Mobile Herbarium Compactors (3 Bay System)	1	2,400,000	2,832,000	To accommodate maximum specimens in a small area free from infestation and for proper maintenance	Updated-Old-Record
9	Computer Audiovisual recording units, Projector Interactive smart panel (For CELT/CAST)	1	3,010,537	3,010,537	For Smart class rooms	Old-Record
10	CELT-CAST-English-Scanner && Printer (HP 2 Smart Tank 750 AIO)	2	24,704	49,408	High Definition Scanning of Colour Documents, Posters, Flyers, Brochures && High Definition Printing of Colour Documents, Posters, Flyers, Brochures	Updated-Old-Record
11	Nanopore MinION Sequencing Device NGS Data Analysis Server (For NGS Analysis Facility) Major equipments for	1	4,700,000	4,700,000	Study genomes of locally relevant organisms or microbial communities Training students in genomics and bioinformatics	Old-Record
12	NGS-Nanopore Sequencing Device with Accessories and Kits	1	1,560,000	1,560,000	Enables genome sequencing and data analysis for genomics research	Updated-Old-Record
13	Analytical Chemistry Lab	1	12,500,000	12,500,000	Biochemical quality control Linkage to Food and pharmaceutical industries	Old-Record
14	Analytical Biochemistry Lab-Head Space Gas Chromatograph	1	2,300,000	2,714,000	Essential for volatile compound analysis in analytical Biochemistry lab	Updated-Old-Record
15	Announcement system for women's hostel	1	1,300,000	1,300,000	Improve communication within hostel	Old-Record
16	Announcement system for women's hostel-Line Array Speaker System	4	76,000	304,000	Communication between hostel staff and inmates will be easier and convenient The hostel authority can ensure safety and security of the inmates, especially in emergency situations Increase operational efficiency for hostel staff Inmates can conduct recreation programmes and meetings inside the hostel. By centralizing the communication through Announcement Systems it will minimize the need of individual notifications to the inmates .	Updated-Old-Record
17	Smart Classroom display and projection with camera Compound Microscope Microplate Reader Gradient PCR Weighing balance precision Midi electrophoresis Vortex mixer Magnetic stirrer Refrigerator Vertical Autoclave Biological safety cabinet Refrigerated centrifuge Spectrophotometer Freezer (-20) Tissue homogenizer Research Microscope High volume distillation unit Bacteriological chamber High speed centrifuge Incubator , Hot air oven (for M. Sc. Applied Zoology)	1	4,000,000	4,000,000	Alignment with Industry Standards Interdisciplinary Collaboration Enhancement of Practical Skills	Old-Record
18	Zoology-Inverted Advanced Binocular Microscope, (for M. Sc. Applied Zoology)-Detailed list in DPR	1	600,000	600,000	For PG practical classes and research projects	Updated-Old-Record
19	Zebrafish multi link system Zantiks MWP Z2SLT System Water quality monitoring system Water quality purification system (for ZGRC-Zoology)	1	7,500,000	7,500,000	Maintenance , culture and long term storage of zebrafish Recording system for embryo and Larvae to check the viability and health of zebrafish	Old-Record
20	Zebrafish -TECHNIPLAST-Stand alone Zebrafish housing system	1	4,770,000	4,770,000	High-Density Housing, Ensures optimal water quality, Real-Time Water Monitoring, Reduces manual intervention, Pathogen- Free Maintenance, Energy-Efficient	Updated-Old-Record

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
20	Zebrafish -TECHNIPLAST-Stand alone Zebrafish housing system	1	4,770,000	4,770,000	Operation, Global Standard Compliance	Updated-Old-Record
21	Announcement system for women's hostel-4K Interactive Display	1	465,700	465,700	increase operational efficiency for hostel staff	New Addition
22	Announcement system for women's hostel-Wired Dynamic Microphone with Mike Stand	2	18,500	37,000	Communication between hostel staff and inmates will be easier and convenient	New Addition
23	Announcement system for women's hostel-HDMI Cable	1	14,000	14,000	operational efficiency for hostel staff	New Addition
24	Announcement system for women's hostel-Microphone Cables and other All Necessary Connectors	1	34,000	34,000	Inmates can conduct recreation programmes and meetings inside the hostel.	New Addition
25	Announcement system for Women's Hostel-Cabling and Conduit	200	180	36,000	Inmates can conduct recreation programmes and meetings inside the hostel.	New Addition
26	Health club and Yoga centre- SPIN BIKE	3	60,000	180,000	It will help to women be physically fit	New Addition
27	Health club and Yoga centre-FID BENCH	2	15,000	30,000	It will help to women be physically fit	New Addition
28	Health club and Yoga centre-CHEST PRESS	1	90,000	90,000	It will help to women be physically fit	New Addition
29	Health club and Yoga Centre-DUMBBELLS	165	180	29,700	It will help to women be physically fit	New Addition
30	Health club and Yoga Centre-AIR ROWER MAGNETIC	2	64,000	128,000	It will help to women be physically fit	New Addition
31	Health club and Yoga Centre-FUNCTIONAL TRAINER CUM SMITH MACHINE (Hack Squat	1	112,000	112,000	It will help to women be physically fit	New Addition
32	Health club and Yoga Centre-TWISTER MACHINE	4	18,750	75,000	It will help to women be physically fit	New Addition
33	Health club and Yoga Centre-COMMERCIAL CROSSFIT AIR BIKE	3	40,000	120,000	It helps women to be physically fit	New Addition
34	Health club and Yoga Centre-GYM WALL MIRROR	6	16,667	100,000	It helps women to be physically fit	New Addition
35	Health club and Yoga Centre-PRONE LEG CURL MACHINE	1	95,000	95,000	It helps women to be physically fit	New Addition
36	Health club and Yoga Centre - KETTLE BELL	2	17,000	34,000	It helps women to be physically fit	New Addition
37	Health club and Yoga Centre-MASSAGE GYM BALL	6	1,200	7,200	It helps women to be physically fit	New Addition
38	Health Club and Yoga Centre-CABLE CROSSOVER	1	150,000	150,000	It helps women to be physically fit	New Addition
39	Health club and Yoga Centre-YOGA MATS	25	300	7,500	it helps women to be physically fit	New Addition
40	Health Club and Yoga Centre-PORTABLE TROLLY SPEAKER	1	50,000	50,000	It helps women to be physcially fit	New Addition
41	Health Club and Yoga Centre-LED TV	1	53,000	53,000	It helps women to be physically fit	New Addition
42	CIE-Lathe	1	300,000	300,000	mission to nurture innovation and entrepreneurial spirit, and catalyze the creation of startups which will contribute to economic growth, job creation, and skill development.	New Addition
43	CIE-Consumables	1	100,000	100,000	mission to nurture innovation and entrepreneurial spirit, and catalyze the creation of startups which will contribute to economic growth, job creation, and skill development.	New Addition
44	CIE-Vertical Drill with XY Stage	1	200,000	200,000	mission to nurture innovation and entrepreneurial spirit, and catalyze the creation of startups which will contribute to economic growth, job creation, and skill development.	New Addition
45	CIE-Electric Table Saw	1	25,000	25,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
46	CIE-14” electric heavy duty chop saw for metal	1	10,000	10,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
47	CIE-Welding machine (MIG/TIG)+ consumable	1	30,000	30,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
48	CIE-Industrial Robotic Arm(Combine with existing spray paint compressor)	1	100,000	100,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
49	CIE-Computer + Professional CIE-CAD Software(Solid Works/CATIA )	1	150,000	150,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
50	CIE-Lasercutter UPS (For C02 laser, and below fiber lasers)	1	150,000	150,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
51	CIE-22W Laser Cutter. Benchtop	1	90,000	90,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
52	CIE-Benchtop Laser engraver	2	12,500	25,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
53	CIE-fiber laser engraver 50w	1	300,000	300,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
54	CIE-fiber laser cutter	1	1,200,000	1,200,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
55	CIE-3D Creality Ender 3 V3 SE 3D printer	2	20,000	40,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
56	CIE-Delta 3D printer	1	50,000	50,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
56	CIE-Delta 3D printer	1	50,000	50,000	develop essential entrepreneurial skills	New Addition
57	CIE-UV flatbed printer	1	600,000	600,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
58	CIE-UV Printer Ink	1	20,000	20,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
59	CIE-Projector	1	100,000	100,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
60	CIE-Portable audio system.blue-tooth speaker(min 30W , 20 hours playtime)	1	25,000	25,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
61	CIE-Laptops(10 for training. 10 for equipment: printer, laser cutter, 4x 3d printers, DRO , CAD-cam work)	20	35,000	700,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
62	CIE-UV-Vis-NIR Spectrometer	1	260,000	260,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
63	CIE-Digital Microscope with 10" display , 1600x magnification:P CB inspection	1	28,000	28,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
64	Zebrafish-Zantiks MWP Z2S System with optionals (Y-maze plate, 15 wells (small) or 2 wells (large) 143.00 Light / Dark plates, 6 wells, 12 wells or 24 wells 176.00 Social interaction plate (either fish or mirror stimuli) 198.00 Choice arenas plate 143.00 Side view stand for 16 cuvettes 198.00 Extra LED colour for light plate stimulation 303.00 Overhead light stimulation plate 605.00 Embryo plate & higher resolution lens 275.00 96 wells, with 4 treatments volumes Extra embryo plate)	1	2,600,000	2,600,000	Live Video View and Real-Time Recording, Real-Time Results Processing, Networked and Controlled via Web Browser, Integrated Experimental Setup, High Throughput and Easy Operation	New Addition
65	Announcement system for women's hostel-Steel podium	1	17,000	17,000	Inmates can conduct recreation programmes and meetings inside the hostel.	New Addition
66	CIE-ABS 3D printer (Bambu Lab P1S combo)	1	97,000	97,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
67	CIE-55 Inch 4K TV (small classroom) + camera, tripod	1	50,000	50,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
68	For CALI-CUBG-Botany-Motorized stereo zoom Microscope with Camera attachments, software and attached Desktop PC	1	3,261,016	3,848,000	It is essential to make stringent standards of the quality of the photograph of minute specimens to identify the samples. Sufficient resolution is needed to get good quality photograph. The present Stereo microscope facility is thus the need of the time to ensure the quality of publications.	New Addition
69	For CALI-CUBG-Botany-Upright Fluorescence Microscope	1	2,612,033	3,082,200	International journals often demand good resolution photographs and it is essential to identify specimens. The present compound microscope with image stacking facility is thus the need of the time to ensure the quality of publications.	New Addition
70	FOR CALI -CUBG-Botany-Digital SLR Camera with Zoom Lens, Macro Lenses (105 mm & 50 mm), Dry cabinet & Gimbal	1	1,225,000	1,445,500	A good quality camera is necessary to take the photograph from the field and lab and to focus minute specimens of plants	New Addition
71	FOR CALI -CUBG-Botany-Double Beam UV Visible Spectrophotometer with Integrating Sphere	1	1,700,000	2,006,000	The proposed one is a high throughput, high end item to meet the high demands and standards of the coming years.	New Addition
72	FOR CALI-CUBG-Botany-Ultracentrifuge	1	260,784	307,725	For isolation of phytochemicals and other structures from	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
72	FOR CALI-CUBG-Botany-Ultracentrifuge	1	260,784	307,725	plant samples	New Addition
73	FOR CALI-CUBG-Botany-Autoclave Vertical	1	80,500	94,990	For sterilization of utensils	New Addition
74	FOR CALI-CUBG-Botany-Laminar Airflow	1	68,000	80,240	For culturing of rare and endangered plants for conservation purpose	New Addition
75	FOR CALI-CUBG-Botany-Desktop Computer work station with additional 1630 mm QLED Display and Vertical screen kiosk	1	282,438	466,388	For storage and analysis of data including plant images; and demonstration/training	New Addition
76	FOR CALI-CUBG-Botany-Online Ups with batteries	1	87,778	108,500	To connect all equipment's by providing constant voltage	New Addition
77	For CALI-CUBG-Botany-MinION Nanopore Sequencing device and reagents	1	1,464,794	1,728,457	Nanopore sensors are based on electronics and can be scaled to any size device, to be used in any environment. The MinION is a portable sequencer that can generate up to 50 Gb of data per Flow Cell.	New Addition
78	Biotechnology-3D Bioprinter	1	5,650,532	6,667,628	The instrument is very essential for printing tissues and tissue substitutes which is very essential for tissue engineering. The department is trying to establish the TE facility with the equipment.  Not available in GEM. Non-availability certificate enclosed.	New Addition
79	Biotechnology-RT-PCR	1	2,276,000	1,809,565	Realtime PCR is essential equipment in the biotechnology department for genomic expression studies. The equipment will help us to test the biomarker gene expression in the differentiated cells. It is essential equipment in studying the gene expression in microbes, animal and plant tissues. The department does not have this equipment so the funding will help to procure this equipment and the students will have knowledge and experience about this equipment. UPS and 3 year extended warranty not included in GEM.	New Addition
80	Biotechnology-Nanodrop	1	1,000,000	1,180,000	Once when the nucleic acids and proteins are isolated they need to be estimated to check their purity before proceeding to further experiments. Nanodrop requires only a minor quantity of samples for estimation and thus helps the students to preserve an adequate quantity of samples for their experiments. Not available in GEM. Non-availability certificate enclosed.	New Addition
81	Biotechnology-Tissue Homogenizer	1	98,704	110,000	Tissue homogenizer is an essential part of our experiments which is vital for breaking the cells to release the components. This equipment is important for separating the cell organelles, proteins, nucleic acids, etc. Our required specifications like specific homogenization speed, flow rate and motor power not available in GEM.	New Addition
82	Biotechnology-CO2 Incubator	1	725,000	855,500	As stated above the department is establishing a stem cell culture and Tissue engineering facility. For growing cells and for their differentiation the cells are to be incubated in a CO2 incubator which can provide the optimum temperature and required Physicochemical environments. The department has only one CO2 incubator which is used by both PG and PhD students and the equipment is mainly used for Cancer cell lines. In order to avoid cross-contamination we are requesting a new incubator for the tissue regeneration lab. Not available in GEM. Non-availability	New Addition
83	Zoology-Distillation Unit (for MSc Applied Zoology)	1	300,000	300,000	For PG practical classes and research projects	New Addition
84	Biotechnology-Refrigerated Centrifuge	1	1,380,000	1,628,400	The refrigerated centrifuge is needed to separate the cell organelles, proteins and nucleic acids. The centrifuge in the department is an old one and is overloaded by samples from both PG and PhD students. A new centrifuge will reduce the workload and more samples can be processed. Our required specifications like sample volume range and speed not available in	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
84	Biotechnology-Refrigerated Centrifuge	1	1,380,000	1,628,400	GEM.	New Addition
85	Zoology-PH meter with TDS (for MSc Applied Zoology)	1	200,000	200,000	For PG practical classes and research projects	New Addition
86	Zoology-Refrigerated Centrifuge (for MSc Applied Zoology)	1	600,000	600,000	For PG practical classes and research projects	New Addition
87	Zoology-Stereo Binocular Microscope (for MSc Applied Zoology)	2	75,000	150,000	For PG practical classes and research projects	New Addition
88	Biotechnology-Biosafety CabinetII	2	620,000	1,463,200	A biosafety cabinet (BSC) is essential for tissue engineering and molecular diagnosticstomaintaina sterile environment, protecting the integrity of sensitive biological samples from contamination. It safeguards both the researcher and the workspace by containing aerosols and reducing exposure to potentially infectious agents, ensuringcompliancewithsafety and quality standards critical for reproducible and reliable results.	New Addition
89	Zoology- Ultra Low temperature freezer(-80 degree celcius) (for MSc Applied Zoology)	1	600,000	600,000	For PG practical classes and research projects	New Addition
90	Biotechnology-Laminar Airflow	1	85,000	100,300	Since the department uses stem cell cultures and cell lines for studying disease conditions, it must be done in aseptic conditions. Laminar air flow class II facility will prevent contamination of cell lines as well as protect the personnel and environment.	New Addition
91	Biotechnology-Cryostat	1	3,400,000	4,012,000	A cryostat is crucial for rapid, precise tissue sectioning at low temperatures, preserving structural and molecular integrity. In tissue engineering, it aids in analyzing scaffold integration and cellular interactions. In molecular diagnostics, it ensures quality samples for assays like immunohistochemistry and rapid pathology.	New Addition
92	Zoology- Ultra water purification unit (for MSc Applied Zoology)	1	500,000	500,000	For PG practical classes and research projects	New Addition
93	Biotechnology-Vibrotome	1	3,000,000	3,540,000	A vibrotome is a precision tool ideal for sectioning tissues for tissue engineering and molecular diagnostics. It enables the preparation of uniform, high - quality slices of delicate or complex tissues, preserving their structural and cellular integrity. In tissue engineering, this is crucial for creating scaffold designs and studying tissue morphology. In molecular diagnostics, vibrotome - prepared slices facilitate accurate histological assessments and molecular analyses, ensuring reliable results in biomarker detection or gene/protein expression studies. Vibration frequency and cutting speed not in GEM as per our required specifications.	New Addition
94	Zoology- Water bath sonicator (for Msc Applied Zoology)	1	300,000	300,000	For PG practical classes and research projects	New Addition
95	CUCNAM- WATER DISTILLATION UNIT	1	100,000	100,000	Efficiently separates components based on boiling points, essential for high- purity product recovery, improving overall process efficiency. Energy-efficient, reducing heating and cooling requirements High surface area for efficient condensing	New Addition
96	Biotechnology-Multimode Reader	1	2,600,000	3,068,000	A multimode reader is essential for both tissue engineering and molecular diagnostics. It enables the detection of cell viability, proliferation, and biomarker analysis through various modes like fluorescence, luminescence, and absorbance. This versatility improves efficiency, accelerates data acquisition, and enhances accuracy in both assessing tissue scaffolds and conducting molecular diagnostic tests. Our specifications not available in GEM. Specifically looking for many common end point assays, including nucleic acid and protein quantification, ELISA, BCA and Bradford assay and cell viability assays. Nonavailability certificate enclosed.	New Addition
97	Zoology- Iceflaker machine (for MSc Applied Zoology)	1	150,000	150,000	For PG practical classes and research projects	New Addition
98	Zoology- UV-Vis Spectrophotometer (for MSc Applied Zoology)	1	600,000	600,000	For PG practical classes and research projects	New Addition
99	Biotechnology-Inverted Microscope	1	3,000,000	3,540,000	An inverted microscope is essential for tissue engineering and molecular diagnostics due to its ability to observe living cells and tissues in culture. Its design, with the light source and condenser positioned below the specimen, allows for easy viewing of cells in multi -well plates or tissue culture	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
99	Biotechnology-Inverted Microscope	1	3,000,000	3,540,000	dishes. This is particularly important in tissue engineering for monitoring cell growth, differentiation, and interactions in three-dimensional scaffolds. In molecular diagnostics, the inverted microscope enables the examination of cell morphology, immunostaining, and fluorescence imaging, facilitating the detection of specific molecular markers or pathogens in diagnostic applications. Not available in GEM. Non-availability certificate enclosed.	New Addition
100	Biotechnology-BOD Incubator	1	456,250	538,375	A BOD (Biochemical Oxygen Demand) incubator is essential for tissue engineering and molecular diagnostics due to its ability to provide a controlled, consistent environment for cell culture and microbial growth. In tissue engineering, it ensures the optimal temperature and humidity for cell proliferation, differentiation, and tissue formation. For molecular diagnostics, the incubator maintains ideal conditions for enzymatic reactions, DNA/RNA amplification, and bacterial or yeast cultivation, facilitating accurate test results and consistent	New Addition
101	Biotechnology-Gel and western blot imaging system	1	2,155,600	2,543,608	The Gel and western blot Imaging System is highly suitable for tissue engineering and molecular diagnostics due to its advanced imaging capabilities of both Gel and western blot for protein expression studies. It enables high-resolution imaging of a wide range of biomarkers and molecular targets, critical for tissue engineering research, such as protein expression and cell signaling analysis.	New Addition
102	Biotechnology-80 Deep freezer	2	760,000	1,793,600	-80 deep freezers are essential for storing temperature-sensitive chemicals, experimental plant and animal tissues, cell lines and biomaterials developed. The department has deep freezers of smaller capacity and is not working properly. Not available in GEM. Non-availability certificate enclosed	New Addition
103	Biotechnology - -20 Deep freezer	2	200,000	472,000	-20 deep freezers are essential for storing temperature-sensitive chemicals, experimental plant and animal tissues, cell lines and biomaterials developed. The department has deep freezers of smaller capacity and is not working properly. Storage Capacity not in GEM as per our required specifications.	New Addition
104	Biotechnology-Stereomicroscope with camera and system	1	800,000	944,000	A stereomicroscope with a camera is crucial for tissue engineering and molecular diagnostics as it provides high-resolution, 3D visualization of tissue scaffolds, cell growth, and molecular markers. It enables precise documentation, analysis, and monitoring of cell interactions, tissue formation, and diagnostic imaging, ensuring accurate results in research and clinical applications.	New Addition
105	Biotechnology-Stereomicroscope	1	500,000	590,000	A normal stereomicroscope is valuable for both tissue engineering and molecular diagnostics due to its ability to provide high-resolution, three-dimensional views of samples. In tissue engineering, it helps in the observation of cell cultures, scaffolds, and tissue constructs at low magnification, aiding in assessing morphology and integration. In molecular diagnostics, it enables the inspection of biological samples, such as tissues or molecular assays, for abnormalities or visual analysis of gel electrophoresis, PCR products, or other assay outcomes. Its ease of use, versatility, and non-invasive nature make it an essential tool in both fields.	New Addition
106	Biotechnology-Phase Contrast Microscope	1	1,500,000	1,770,000	A phase contrast microscope is essential in tissue engineering and molecular diagnostics due to its ability to visualize live cells and transparent samples without the need for staining. In tissue engineering, it enables real	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
106	Biotechnology-Phase Contrast Microscope	1	1,500,000	1,770,000	<p>-time observation of cell morphology, growth, and differentiation, crucial for monitoring scaffold integration and tissue formation. Formolecular diagnostics, phase contrast microscopy aids in identifying cellular changes, suchas morphological alterations in response to disease or treatment, facilitating the detection of abnormalities in cells, such asthose associated with cancer or genetic disorders. Its non</p> <p>-invasive nature makes it ideal for dynamic studiesoflivingsamples.Not available in GEM. Non</p> <p>-availability certificate enclosed</p>	New Addition
107	Biotechnology-UV - Visible Spectrophotometer	1	520,000	613,600	<p>A spectrophotometer is used in tissue engineering to assess cell viability and scaffold efficacy through absorbance</p> <p>-based assays. In molecular diagnostics, it quantifies nucleic acids and proteins, aiding in PCR, enzyme assays, and biomarker detection. It provides accurate measurements essential for both fields. Scanning Speed and sample compartment capacity not in GEM as per our required specifications.</p>	New Addition
108	CUCNAM- ELECTRONIC PRECISION BALANCE (0.1 mg-220 g)	1	150,000	150,000	Essential for precise and accurate weighing of small sample quantities, ensuring high-quality measurement s in analytical and preparative processes. It enhancing reliability and consistency in experimental results.	New Addition
109	Biotechnology-MilliQ Water system	1	560,000	660,800	<p>Milli</p> <p>-Q water systems are crucialintissueengineeringandmole cular diagnosticsduetotheirhighpurity, which is essential for preventing contamination in sensitive biological experiments. In tissue engineering, the use of ultrapure water ensures that cell cultures, scaffolds, and growth mediaremain uncontaminated, promoting optimal cell viability and function. In molecular diagnostics, Milli</p> <p>-Q water is critical for PCR, enzyme assays, and reagent preparation, as even trace contaminants can affect reaction outcomes and result in erroneous data. The system's consistent water quality supports reproducibility and reliability n research and diagnostics.Flow rateandwater storagetank capacity not in GEM as per</p>	New Addition
110	Biotechnology-Agarose gel Electrophoresisand SDS - PAGE Unit	1	316,230	373,151	<p>Agarose gel electrophoresis and SDS</p> <p>-PAGE are essentialtechniques in tissue engineeringand molecular diagnostics for genomic and proteomic analysis. Agarose gel electrophoresis isused toanalyzeDNAandRNAintegrity, crucial for gene modifications and genetic characterization in engineered tissues, while in diagnostics, it helps detect genetic mutations and disease markers.</p> <p>SDS</p> <p>-PAGE allows for the assessment of protein purity and quantity, which is vital for evaluating bioactive proteins in tissue scaffolds. In molecular diagnostics, SDS</p> <p>-PAGE is used to profile proteins and identify biomarkers for disease diagnosis and monitoring. Both techniques are fundamental for ensuring the quality and functionality of materials used in therapeutic applications.</p>	New Addition
111	Biotechnology-Automated cell counter	1	451,565	532,847	<p>An automated cell counter offers significant advantages in tissue engineering and molecular diagnostics by providing accurate, consistent, and high</p> <p>-throughputcell quantification. In tissue engineering, it enables precise monitoring of cell populations during scaffold development, ensuring optimal cell density for tissue regeneration. In molecular diagnostics, it ensures reliable cell counts for assays, enhancing the accuracy of diagnostic tests, and reducing human error. The automation also saves time and resources, improves</p>	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
111	Biotechnology-Automated cell counter	1	451,565	532,847	reproducibility,andsupportslarge - scale analysis, which is critical for both research and clinical applications. Not available in GEM. Non -availability certificate enclosed.	New Addition
112	CUCNAM- INVERTED FLUORESCENT MICROSCOPE	1	2,700,000	2,700,000	Essential for advanced cellular and molecular imaging. This microscope enables precise visualization of multiple fluorescently labelled samples, enhancing the ability to study protein localization, gene expression, and cell morphology. With its versatility in imaging different fluorophores, it will support a wide range of research applications, ensuring high- quality, reliable results	New Addition
113	Biotechnology-Thermoshaker	1	144,500	170,510	A thermoshaker is essential for tissue engineering and molecular diagnostics because it provides precise control over temperature and shaking speed, facilitating optimal conditions for processes like cell culture, proteinexpression, and nucleic acid amplification. In tissue engineering, it helps maintain uniform conditions for cell proliferation and differentiation, while in molecular diagnostics, it ensures efficient mixing and temperature control for reactions such as PCR, enzyme assays, and other diagnostic procedures, improving reproducibility and accuracy.Not available in GEM. Non -availability certificate enclosed.	New Addition
114	Biotechnology-Transblot transfer system	1	393,590	464,436	The trans blot transfer system is crucial for tissue engineering and molecular diagnostics due to its ability to efficiently transfer proteins, nucleic acids, or other biomolecules from gels to membranes for further analysis. In tissue engineering, this systemaids in evaluating protein expressionand molecular markers, helping to monitor cellular behavior and scaffold interactions.For molecular diagnostics,its essential in detecting specific proteins or genes	New Addition
115	CUCNAM- GRADIENT PCR	1	400,000	400,000	For sequencing, cloning, genotyping, mutagenesis, applications. The gradient function enables setting different temperature ranges for different parts of the same heating block, making it easy to identify optimal annealing temperatures in a single run. Gives you identical temperature control characteristics in both optimization and routine experiments easier and robust results can be obtained with faster RAMP rates	New Addition
116	Biotechnology-Sonicator	1	480,000	490,400	Sonication is justified in tissue engineering and molecular diagnostics for its ability to efficiently break down cellular structures, disrupt tissue matrices, and extract biomolecules. In tissue engineering, sonication aids in enhancing cell penetration and material processing, promoting better scaffold fabrication and cell seeding. In molecular diagnostics,itfacilitatestheextractio ofDNA, RNA, and proteins from tissues or cells by disrupting cellular membranes, ensuring high yieldand purity for subsequent analysis. The method's non - chemical nature allows for gentle yet effective processing, making it an essential tool in these applications. Temperature control and pulse modenotinGEMasperour requiredspecifications.	New Addition
117	Biotechnology-Rota evaporator with vaccumpump	1	986,470	1,164,035	A rotary evaporator (rotavapor) is essential in tissue engineering and molecular diagnostics for efficient solvent removal and concentration of bioactive compounds orsamples. In tissue engineering, it helps in the preparation of concentrated biomaterials, such as scaffolds or extracts from plant or animal tissues, by gently evaporating solvents without compromising the integrity of the components. For molecular diagnostics,itaidsinconcentrating and purifying samples, such as nucleic acids or proteins, ensuring high -quality extracts for downstream applications like PCR or protein assays. This makes it an indispensable tool for precise sample preparation and bioactive compound isolation. Rotation speed and evaporation flask volume not in GEM as per our required specificatio ns.	New Addition
118	CUCNAM- -80°C DEEP FREEZER	1	840,000	840,000	For sample storage in research, with medical and clinical applications that require ultra-low storage temperatures preventing samples from deteriorating	New Addition
119	Biotechnology-Digital Waterbath S	1	260,500	260,500	Shaking water baths are essentialintissueengineeringandmol ecular diagnostics because they	New Addition



S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
119	haker	1	260,500	260,500	provide a consistent, controlled environment for processes that require uniform heating and gentle agitation. In tissue engineering, they aid in maintaining cell culture conditions and facilitating the diffusion of nutrients and gases in the medium, promoting optimal cell growth and differentiation. In molecular diagnostics, the shaking water bath ensures thorough mixing of reagents and samples during processes like DNA extraction, PCR, or enzyme reactions, improving the efficiency and accuracy of these assays. The combination of temperature control and agitation is crucial for reproducible results in both fields.  Not available in GEM. Non-availability certificate enclosed	New Addition
120	Biotechnology-Water distillation Unit	1	146,840	173,271	A water distillation unit ensures purity by removing contaminants, essential for tissue engineering and molecular diagnostics. It provides ultrapure water for cell cultures, scaffold preparation, and diagnostic assays, minimizing contamination and ensuring accurate, reliable results.	New Addition
121	Biotechnology-Vertical Autoclave	1	177,100	208,978	The autoclave is a critical tool in both tissue engineering and molecular diagnostics due to its ability to sterilize materials and equipment, ensuring contamination-free environments. In tissue engineering, autoclaving is essential for sterilizing scaffolds, bioreactors, and other components used in cell culture, thereby preventing microbial contamination and ensuring the successful growth of cells and tissues. Similarly, in molecular diagnostics, autoclaving plays a vital role in sterilizing laboratory glassware, instruments, and reagents, which is necessary to prevent cross-contamination and ensure the accuracy and reliability of diagnostic assays, such as PCR. In both fields, the autoclave's ability to provide high-pressure, high-temperature sterilization is fundamental to maintaining sterile conditions and supporting the successful outcome of experiments. Vertical autoclave with the specific capacity not available in	New Addition
122	Biotechnology-Fume Hood	1	85,000	92,000	A fume hood is essential in tissue engineering and molecular diagnostics to provide a controlled environment that minimizes exposure to hazardous fumes, aerosols, and chemicals. In tissue engineering, it ensures safety while handling bioactive materials, solvents, and growth media, reducing the risk of contamination and ensuring sterile conditions for cell culture. For molecular diagnostics, the fume hood protects researchers from harmful chemicals and reagents (such as formaldehyde or PCR chemicals), safeguarding both the experiment and researcher while maintaining the integrity of sensitive assays and samples. Filtration unit and exhaust system not in GEM as per required specifications.	New Addition
123	Biotechnology-Analytical weighing Balance	2	122,000	256,000	A weighing balance is crucial in tissue engineering and molecular diagnostics for accurate measurement of materials. In tissue engineering, it ensures precise formulation of biomaterials such as scaffolds, hydrogels, or growth factors, which are essential for creating stable and reproducible tissue constructs. In molecular diagnostics, accurate measurement of reagents like DNA, RNA, enzymes, and chemicals is necessary to ensure reliable and consistent results in techniques such as PCR, ELISA, and protein assays. Precision in weight measurement directly impacts the quality and reproducibility of experiments, making it indispensable in both fields.	New Addition
124	Biotechnology-Refrigerator	3	39,400	141,600	Required for storing temperature - sensitive biological samples, reagents, and plant extracts, ensuring their stability and preserving their efficacy for research experiments.	New Addition
125	CUCNAM- GEL DOCUMENTATION UNIT	1	3,000,000	3,000,000	Critical for high- quality imaging and analysis of gels in molecular biology applications. This system provides accurate documentation of DNA, RNA, and protein gels, ensuring reliable data capture and analysis. The UPS ensures protection against power interruptions, maintaining data integrity, while the PC enables efficient storage and analysis of results. This setup enhances research productivity and ensures reproducibility in experiments.	New Addition
126	Food testing laboratory - Abbe Refractometer	1	106,600	130,000	Used to measure the refractive index of liquids and solids, helping determine their composition, concentration, and purity, such as in the analysis of sugar content in	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
126	Food testing laboratory - Abbe Refractometer	1	106,600	130,000	beverages or oil quality.	New Addition
127	Drug and Cosmetic Analysis Centre - Electrochemical work station	1	1,800,000	1,800,000	Analysis of Precursors, Quality control and testing for Drugs and cosmetics manufacturing	New Addition
128	Biotechnology-Hotair oven	1	56,000	59,400	Hot air is often used in tissue engineering and molecular diagnostics for purposes such as sterilization, dehydration, and drying. In tissue engineering, controlled application of hot air helps in sterilizing scaffolds or materials to ensure they are free from contaminants before being used in biological applications. In molecular diagnostics, hot air is used in processes like drying DNA or RNA samples on membranes or in PCR applications to evaporate solvents and concentrate samples. Its use ensures that the materials are free of moisture and contaminants, which is crucial for accurate results in bothfields. Chamber capacity not in GEM as per our required specifications.	New Addition
129	CUCNAM- BIOSAFETY CABINET CLASS II A2	1	580,000	580,000	Essential for working with microbiological samples, cell culture. Provides personnel, product, and environmental protection and prevents sample contamination	New Addition
130	CUCNAM- NANO VOLUME SPECTROPHOTOMETER	1	1,171,000	1,171,000	Efficiently quantifies and assesses purity of nucleic acids and proteins. It requires only 1–2 µL of sample. With high accuracy, a 200–850 nm range, and minimal sample prep. Powerful auto-range pathlength technology facilitates accurate measurements for concentrated samples with no need for dilutions it is ideal for routine, high- throughput analysis. Measure dilute samples, perform kinetics experiments and take optical density measurements of bacterial cultures.	New Addition
131	Biotechnology-Pipettes	6	15,000	212,400	Pipettesareessentialtoolsintissue engineeringandmoleculardiagnosics duetotheirprecisionandaccuracyin 4 - 5 months GEM transferringsmall volumes ofliquids. In tissue engineering, pipettes facilitate the manipulation of growth factors, cell culture media, and other bioactive components, ensuring consistent cell seeding and uniform distribution of biomaterials. In molecular diagnostics, they enable the accurate measurement and handling of reagents for techniques such as PCR, ELISA, and gel electrophoresis, which are critical for analyzinggeneticmaterialanddetecting specific biomarkers. Their precision minimizesexperimentalvariability, ensuring reliable and reproducible results.	New Addition
132	Biotechnology-Multichannel Pipettes	4	73,185	345,432	Multichannel pipettes are essential tools in tissue engineering and molecular diagnostics due to their ability to streamlineandimprovetheefficiencyof experiments. In tissue engineering, they enable rapid and accurate handling of multiple samples or reagents simultaneously, enhancing throughput when preparing cell cultures, scaffolds, or biomaterials. In molecular diagnostics, they are particularly useful for PCR, ELISA, and high -throughput screening, allowing for the parallel processing of multiple samples,reducing time and minimizing errors. This efficiency and precision make multichannel pipettes invaluable in both fields for reproducible andscalable results.	New Addition
133	Biotechnology-Magnetic stirrer with Hot Plate	2	33,000	72,400	A hot plate with a magnetic stirrer is essential in tissue engineering and molecular diagnostics for precisecontrol over temperature and uniform mixing of solutions. In tissue engineering, it is used for maintaining optimal conditions for cell culture, such as during media preparation, enzyme digestion, or maintaining temperature - sensitive biomaterials. In molecular diagnostics,it ensuresconsistentmixing and heating during processes like PCR, enzyme reactions, or preparation of buffers, thus enhancing the reproducibility and accuracy of experiments. The combination of heating and stirring allows for efficient handling of biological samples and reagents.	New Addition
134	CUCNAM- HIGH SPEED REFRIGERATED CENTRIFUGE	1	600,000	600,000	Efficient sample processing, enabling rapid separation of biomolecules in different cell fractions in various tube sizes. This versatility supports diverse applications, including DNA/RNA extraction, protein purification, and cell culture work, while its high- speed capability ensures faster results, improving laboratory productivity.	New Addition
135	Biotechnology-pHmeter	2	20,500	42,200	A pH meter is crucial in tissue engineering and molecular diagnosticsas it ensures the accurate monitoringand control of pH levels in culture media,	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
135	Biotechnology-pHmeter	2	20,500	42,200	cell environments, anddiagnostic assays. In tissue engineering, pH is vital for maintaining optimal conditions for cell growth, differentiation, and extracellular matrix formation. A pH meter helps maintain physiological pH levels, which iscriticalfor cellular activity. In molecular diagnostics,pH measurement is essential for the proper functioning of enzymes, such as during PCR or other molecularassays,whereevenslightpH deviations can affect reaction outcomes and diagnostic accuracy.	New Addition
136	Biotechnology-Microfuge with changeable rotors	2	16,478	35,800	A microfuge (microcentrifuge) is essential in tissue engineering and molecular diagnostics due to its abilityto rapidly and efficiently spin small volumes of samples. In tissue engineering, it is used for cell pellet collection, protein extraction, and DNA/RNA isolation, ensuring high - quality biomaterials for scaffold fabrication and cell culture studies. In molecular diagnostics, it helps in the separation of cellular components, purifying nucleic acids or proteins, and isolating target molecules for PCR, Western blotting, and other assays. Its compact design and versatility make it indispensable for handling small -scale, high -precision sample processing. Not available in GEM.Non -availability certificate enclosed.	New Addition
137	Food testing laboratory - LC-MS/MS (Liquid Chromatography Mass Spectrometry)	1	19,067,000	22,500,000	Important for the identification and quantification of non-volatile, polar, and complex compounds such as vitamins, pesticides, food additives, mycotoxins, and preservatives, enabling detailed chemical analysis and detection at trace levels. To screen and test pesticide presence in food samples and vegetables for export promotion, certification and research. This equipmen t test across all classes of pesticides and is compulsory equipment for FSSAI-NABL accreditation and certify-cation.	New Addition
138	Biotechnology-Vortex Mixer	1	45,000	47,800	A vortex mixer is essential for tissue engineering and molecular diagnostics due to its ability to quickly and uniformlymixsmallvolumesofliquids. In tissue engineering, it ensures proper dispersion of cells, scaffolds, andgrowthfactors,aidingintheconsistenc y of scaffold preparation and cell - seeding processes. In molecular diagnostics, it effectively mixes reagents, enzymes,and DNA/RNA samples, improving the efficiency and accuracy of PCR, enzyme -linked immunosorbent assays (ELISA), and other diagnostic procedures. Its ability to provide thoroughmixinginashorttimemakesit a crucial tool in both fields. Speedrange not in GEM as per our requir ed specifications.	New Addition
139	CUCNAM- TRANS BLOTTING APPARATUS	1	350,000	350,000	Essential for efficient and rapid protein transfer during Western blotting procedures. It provides faster and more consistent transfer compared to traditional methods, improving overall workflow and experimental reproducibility. This system is ideal for high- throughput applications, ensuring high- quality results in protein analysis, enhancing productivity in research	New Addition
140	Analytical Biochemistry lab- SPECTROPHOTOMET ER	1	410,000	500,000	Quantitation of Biomolecules and characterization	New Addition
141	Biotecchnology-Roller Mixer	1	22,000	23,364	A roller mixer is crucial in tissue engineering and molecular diagnostics for its ability to gently and uniformly mix solutions, ensuring efficient homogeneity of cell suspensions, reagents, or culture media. In tissue engineering, it aids in evenlydistributing cells and biomaterials in scaffolds, promoting consistent cell growth and tissue formation. For molecular diagnostics, the roller mixer helps in the precise mixing of samples with reagents, enhancing the efficiency of reactions like PCR or DNAextraction, leading to improvedaccuracy in results. The gentle agitation minimizes cell damage and optimizes biochemical reactions, making it an essentialtoolinbothfields.Not available in GEM. Non -availability certificate enclosed.	New Addition
142	Biotechnology-Cryocan	1	21,900	27,553	Cryocan plays a vital role in both tissue engineering and molecular diagnostics by providing a reliable means of preserving biological materials at ultra - low temperatures. In tissue engineering, it is essential for the long -term storageof	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
142	Biotechnology-Cryocan	1	21,900	27,553	stem cells, tissue samples, and engineered tissues, ensuring the preservation of cellular integrity, viability, and differentiation potential. This allows for the use of high-quality biological materials in regenerative medicine. In molecular diagnostics, Cryocan is used to store biological samples like blood, DNA, and RNA, protecting them from degradation and maintaining their integrity for accurate and reliable genetic analysis in diagnostic tests such as PCR and sequencing.	New Addition
143	Food testing laboratory - Incubator	1	82,000	100,000	To provide controlled temperature and humidity conditions for stability testing of food products.	New Addition
144	Biotechnology-Clinical centrifuge	1	82,500	88,600	Clinical centrifuge is a valuable tool for tissue engineering and molecular diagnostics due to its precision in sample preparation. In tissue engineering, it can be used to separate and concentrate cell populations, enhance cell viability, and prepare cell suspensions for scaffold seeding, supporting tissue regeneration. For molecular diagnostics, the centrifuge ensures efficient separation of plasma, serum, or DNA/RNA from biological samples, providing high-quality material for diagnostic testing, PCR, or sequencing. Its speed, reliability, and ability to handle small to large sample volumes make it ideal for both applications. Speed range and rotor type not in GEM as per our required specifications.	New Addition
145	Biotechnology-Platform rocker	1	36,000	38,600	A gel rocker is crucial in both tissue engineering and molecular diagnostics for ensuring uniform mixing and maintaining optimal conditions for experiments. In tissue engineering, it provides a gentle rocking motion that supports the even distribution of nutrients and gases in cell cultures, facilitating cell growth and differentiation in 3D environments. In molecular diagnostics, the rocker ensures efficient mixing of samples, reagents, and buffers in assays like PCR or ELISA, promoting consistent reaction conditions and minimizing the risk of sample degradation, which is key for obtaining accurate and reliable results.	New Addition
146	Food testing laboratory - BOD incubator	1	150,060	183,000	To measure the quality and safety of food and beverages maintain precise temperature conditions for conducting shelf-life studies, and assessing the biological oxygen demand of food and water samples.	New Addition
147	Biotechnology-Weighing balance (kg)	1	9,200	9,900	In tissue engineering and molecular diagnostics, a weighing balance capable of handling higher weights ensures precision and accuracy in the measurement of larger quantities of materials, such as biomaterials, scaffolds, or reagents. For tissue engineering, it helps in preparing uniform and reproducible scaffolds, while in molecular diagnostics, accurate measurement of compounds like enzymes, buffers, and reagents is crucial for reliable results. A higher weight capacity ensures versatility in experiments involving both small and larger sample sizes, supporting robust and scalable research processes. Maximum weight capacity not in GEM as per our required specifications.	New Addition
148	Food testing laboratory - Hot air oven	1	63,796	77,880	For sterilising glassware, dehydrating samples, conducting thermal stability tests on food products.	New Addition
149	Biotechnology-UV Trans illuminator	1	92,040	92,040	engineering and molecular diagnostics due to its ability to visualize and analyze biomolecules and cellular structures with precision. In tissue engineering, it aids in imaging scaffolds, assessing cell viability, and monitoring biomaterial interactions. In molecular diagnostics, it facilitates the detection and quantification of nucleic acids and proteins through fluorescence or UV visualization, enabling accurate analysis of biomarkers and genetic material critical for diagnostic and therapeutic applications.	New Addition
150	CUCNAM- CO2 INCUBATOR	1	810,000	810,000	Necessary for cell culture maintenance. Control of temperature, humidity, pH, oxygen and CO2 in a sterile environment is critical for maximizing cell growth	New Addition
151	Food testing laboratory - Water Bath	1	28,700	35,000	To heat samples uniformly at a constant temperature for digestion, enzyme activity studies, and temperature-sensitive experiments without direct heat exposure	New Addition
152	Biotechnology-PCR Machine	1	65,000	76,700	A PCR machine is indispensable for tissue engineering and molecular diagnostics due to its ability to amplify DNA or RNA with precision. In tissue engineering, it facilitates the analysis of gene expression, helping to evaluate cell behavior, differentiation, and interactions with biomaterials. In molecular diagnostics, it is crucial for	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
152	Biotechnology-PCR Machine	1	65,000	76,700	detecting genetic markers, pathogens, and mutations, enabling early diagnosis and personalized treatments. Its versatility makes it a vital tool for advancing both research and clinical applications in these fields. Basic local made PCR machine by a start-up company which is cost effective and with advanced features. Not available through GEM.	New Addition
153	Food testing laboratory - Analytical Balance 4 digit	1	45,100	55,000	For food testing laboratory	New Addition
154	Food testing laboratory - Refrigerator	1	67,345	82,172	For storage of temperature sensitive reagents, kits, &&& samples	New Addition
155	Biotechnology-Stereomicroscope	1	72,376	88,264	A normal stereomicroscope is valuable for both tissue engineering and molecular diagnostics due to its ability to provide high-resolution, three-dimensional views of samples. In tissue engineering, it helps in the observation of cell cultures, scaffolds, and tissue constructs at low magnification, aiding integration. In molecular diagnostics, it enables the inspection of biological samples, such as tissues or molecular assays, for abnormalities or visual analysis of gel electrophoresis, PCR products, or other assay outcomes. Its ease of use, versatility, and non-invasive nature make it an essential tool in both fields. Specific microscope zooming ratio not available in GEM as per our required specifications. in assessing morphology and	New Addition
156	Food testing laboratory - Magnetic stirrer with Hot plate	1	27,880	34,000	Used to mix and stir food samples or solutions uniformly, ensuring consistent blending of liquids, dispersing solid particles, and maintaining homogeneity during experiments.	New Addition
157	Biotechnology-AC- 1 ton	5	35,000	206,500	An air conditioning system is an essential infrastructure component for our biotechnology labs. Implementing air conditioning in biotechnology labs are essential for maintaining the integrity of sensitive and costly reagents, ensuring the proper functioning of sophisticated equipments, providing optimal environmental conditions for experiments, enhancing the safety of lab personnel and preventing contamination. This environmental control contributes significantly to the reliability, accuracy, and reproducibility of molecular biology research and applications.	New Addition
158	Food testing laboratory - Sample Mill-Warring blender	1	106,600	130,000	For homogenizing, blending, and emulsifying food samples, as well as preparing smooth mixtures and pastes for further analysis or experimentation	New Addition
159	Food testing laboratory - PH meter	1	36,900	45,000	Accurately measure the pH of food samples, ensuring precise control over acidity or alkalinity during formulation, processing, and quality control	New Addition
160	Food testing laboratory - Homogenizer	1	61,500	75,000	For Food testing laboratory	New Addition
161	Biotechnology-AC-1.5 ton	11	45,000	584,100	An air conditioning system is an essential infrastructure component for our biotechnology labs. Implementing air conditioning in biotechnology labs are essential for maintaining the integrity of sensitive and costly reagents, ensuring the proper functioning of sophisticated equipments, providing optimal environmental conditions for experiments, enhancing the safety of lab personnel and preventing contamination. This environmental control contributes significantly to the reliability, accuracy, and reproducibility of molecular biology research and applications.	New Addition
162	Food testing laboratory - Eye wash tower	1	13,940	17,000	Used for emergency decontamination, providing a continuous flow of water to rinse the eyes in case of exposure to hazardous chemicals or substances.	New Addition
163	Biotechnology-AC-2 ton	6	60,000	424,800	An air conditioning system is an essential infrastructure component for our biotechnology labs. Implementing air conditioning in biotechnology labs are essential for maintaining the integrity of sensitive and costly reagents, ensuring the proper functioning of sophisticated equipments, providing optimal environmental conditions for experiments, enhancing the safety of lab personnel and preventing contamination. This environmental control	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
163	Biotechnology-AC-2 ton	6	60,000	424,800	contributes significantly to the reliability, accuracy, and reproducibility of molecular biology research and applications.	New Addition
164	CUCNAM- BOD INCUBATOR (80L)	1	110,000	110,000	BOD incubator is used to provide the ideal temperature and conditions for the microorganisms to grow and consume oxygen. It also provides a dark and sealed environment to prevent any external light or air from entering the chamber	New Addition
165	Food testing laboratory - N2 Evaporator	1	221,400	270,000	Rapid and controlled evaporation of solvents from food extracts or samples under a nitrogen atmosphere	New Addition
166	Blotechnology-UPS	1	240,000	283,200	A UPS is indispensable for biotechnologylaboratories,providin g protection against power-related disruptions that could jeopardize experiments, equipments and safety. Itensure operational continuityand data integrity.	New Addition
167	Food testing laboratory - Ultrasonic Bath	1	87,084	106,200	Ultrasonic baths are used to clean and degrease food; can be used to eliminate microbes and enzymes without destroying nutrients	New Addition
168	CUCNAM- LIQUID N2 STORAGE & TRANSPORTATION CANS	1	100,000	100,000	Used for ultralow temperature preservation of biological samples for research application as well as ,low volume transportation of samples.	New Addition
169	Food testing laboratory - Multi Vortex	1	68,740	70,000	The Multi-Tube Vortexer is designed for mechanical and chemical cell lysis, mixing suspensions, and general sample agitation. The Multi-Tube Vortex mixer is a tool to provide that extra degree of mixing, however it accommodates full racks of tubes or microwell plates, vials or cylinder as opposed to single tubes. Consequently, this unit is useful for higher throughput mixing of samples. The suction-cup feet dampen motion and prevent sliding on work surface. Equipped with a powerful, permanent magnet motor with sealed ball bearings	New Addition
170	Food testing laboratory - Vacuum Manifold System	1	82,000	100,000	Is a chromatographic technique used to prepare samples for subsequent analysis by removing interfering substances that may be present.	New Addition
171	CUCNAM- LAB ICEFLAKER	1	200,000	200,000	Produce ice flakes for maintaining the conditions of proteins, enzymes and other reagents during lab experiments, for cooling and transporting of different biomedical products	New Addition
172	Food testing laboratory - Cooling Centrifuge	1	246,000	300,000	For high-speed separation and purification of food samples, allowing the isolation of compounds by centrifugation while maintaining temperature control to prevent degradation or evaporation of sensitive substances.	New Addition
173	Food testing laboratory - Stomacher Blender	1	123,000	150,000	Stomacher is a product for the quick and safe preparation of Samples before its microbiological and chemical analysis. Progressive blending adaptation to the matrix 20 rpm to 100 rpm at variable speed	New Addition
174	Food testing laboratory - Rotary Evaporator with pump & chiller	1	533,000	650,000	Used to efficiently remove solvents from samples through evaporation, concentrating food extracts or separating volatile compounds without exposing them to excessive heat	New Addition
175	CUCNAM- ELECTRONIC GRAM BALANCE (0.001g- 220g)	1	50,000	50,000	Essential for accurate and reliable weighing of samples in laboratory settings. It ensures precise measurements, improving the consistency and quality of experiments in applications such as chemical analysis, sample preparation, and quality control.	New Addition
176	Food testing laboratory - Digital Turbidity meter	1	164,000	200,000	Used to measure the turbidity or cloudiness of liquids, such as water, beverages, and food samples, to assess their clarity or particulate content	New Addition
177	Food testing laboratory - Flame Photometer	1	82,000	100,000	Used to measure the concentration of metal ions, such as sodium, potassium, calcium, and magnesium, in food and beverage samples through flame emission spectroscopy.	New Addition
178	Food testing laboratory - Muffle furnace	1	14,760	18,000	Used for ashing food samples to determine their mineral content, and for hightemperature drying, sterilization, and combustion processes.	New Addition
179	Food testing laboratory - Biosafety cabinet Type2: Class II Type B2	1	492,000	600,000	For handling hazardous biological materials, providing a high level of containment through constant negative pressure, ensuring both user and sample protection while preventing cross-contamination in the laboratory environment.	New Addition
180	Food testing laboratory - Spectrophotometer(UV, Visible)	1	574,000	700,000	For Food testing laboratory	New Addition
181	Food testing laboratory - Air Conditioner	4	47,200	188,800	For Airconditioning all the laboratories where the equipments are fitted and samples are stored.	New Addition
182	Food testing laboratory - Dehumidifier	1	34,000	50,000	For removing the humidity in the food storing laboratory to withstand the shell lives of the samples	New Addition
183	CUCNAM- ELECTROPHORESIS APPARATUS (VERTICAL AND HORIZONTAL)	2	70,000	140,000	Essential for the separation and analysis of nucleic acids and proteins. These systems provide versatility for a range of applications, including DNA, RNA, and protein analysis, enabling high- resolution separation. With the ability to run multiple samples simultaneously, they enhance productivity and ensure reliable results for research in molecular biology, biochemistry, and genetics.	New Addition
184	CUCNAM- POWER PAC High current	1	170,000	170,000	Required for efficiently powering electrophoresis systems. It provides stable and adjustable voltage and current, ensuring optimal	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
184	CUCNAM- POWER PAC High current	1	170,000	170,000	separation of nucleic acids and proteins. With reliable performance and precise control, the power pack enhances the accuracy and reproducibility of experiments, making it a critical component for molecular biology and biochemistry applications.	New Addition
185	NGS-HulaMixer TM Sample Mixer	1	165,000	165,000	Required for precise sample preparation in library prep	New Addition
186	NGS-Qubit 4 Fluorometer	1	475,000	475,000	Ensures accurate quantification of library preparations	New Addition
187	CUCNAM- MIXER WITH 1.5 ml and 2 ml SMART BLOCKS & TEMP CONTROL for heating & cooling	1	250,000	250,000	Provide precise and consistent mixing and heating, ensuring reliable and reproducible results in laboratory processes. This tool will improve workflow efficiency, and enhance the overall quality and speed of experimental outcomes	New Addition
188	NGS-Consumables	1	100,000	100,000	Essential consumables for sequencing workflows	New Addition
189	CUCNAM- MAGNETIC STRIRRER	1	25,000	25,000	Its ability to provide efficient, consistent, and hands-free mixing of liquids in a wide variety of laboratory applications. With features such as22 speed control, minimal maintenance, energy efficiency, and compatibility with various container sizes, a magnetic stirrer can greatly enhance the efficiency and reliability of mixing tasks in the lab	New Addition
190	NGS-Computational Facility Server	1	2,300,000	2,300,000	High-performance computing for data processing and analysis	New Addition
191	CUCNAM- MINISPIN	1	11,000	11,000	Essential for quick and efficient processing of small sample volumes in the research lab. It is ideal for DNA/RNA extraction, protein purification, and cell culture work, offering fast spin times and reliable results. Its compact design and ease of use make it a valuable tool for high- throughput research and routine laboratory task	New Addition
192	Analytical biochemistry lab- Lyophilizer	1	1,266,000	1,500,000	Essential for freeze drying	New Addition
193	Analytical Biochemistry Lab- Fluorescent Spectrophotometer	1	820,000	1,000,000	For identification & quantitation of Fluorescent compounds	New Addition
194	CUCNAM- LABORATORY REFRIGERATORS WITH STABILISERS	2	50,000	100,000	Safe and reliable storage of temperature-sensitive reagents, samples, and biological materials. It ensures proper preservation, preventing degradation & maintaining the integrity of critical materials such as enzymes, antibodies, and cell cultures. With precise temperature control and consistent performance, the refrigerator supports a wide range of laboratory applications, enhancing research efficiency and sample management. Stabilisers prevent external power surges	New Addition
195	Analytical Biochemistry Lab-Cold room	1	410,000	500,000	For handling biomolecules under subzero and near zero temperature for longer time	New Addition
196	Analytical Biochemsitry Lab-Deep freezer	1	164,000	200,000	To preserve valuable samples and fine chemicals	New Addition
197	Drug and Cosmetic Analysis Centre - UV Visible spectrophotometer	1	601,800	601,800	Analysis of Precursors, Quality control and testing for Drugs and cosmetics manufacturing	New Addition
198	Analytical Biochemistry lab- POLARIME TER	1	246,000	300,000	To characterize molecule based in its optical property	New Addition
199	Food testing laboratory - Micropipettes (variable volumes)	4	11,850	55,949	For measuring reagents and chemicals accurately in micro litre quantity	New Addition
200	Food testing laboratory - Laptop Computer	4	50,000	177,000	For Airconditioning all the laboratories where the equipments are fitted and samples are stored	New Addition
201	Drug and Cosmetic Analysis Centre - Standalone Rotary Evaporator with Vacuum Pump and Recirculation Chiller	1	1,200,000	1,200,000	Synthesis, purification and extraction of precursors and final products in manufacturing and testing of drugs and cosmetics	New Addition
202	Analytical biochemsitry Lab- REFRACTOMETER	1	8,200	10,000	For identification	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
202	Analytical biochemsitry Lab-REFRACTOMETER	1	8,200	10,000	and characterizati on of fatty acids	New Addition
203	Drug and Cosmetic Analysis Centre - Consumables		3,100,000	3,100,000	For purchase of glasswares, materials, chemicals and solvents for manufacturing and testing of drugs and cosmetics	New Addition
204	CUCNAM- AUTOCLAVE (60L)	1	85,000	85,000	Used for effective sterilization of laboratory equipment, glassware, and media. It ensures the elimination of microbial contamination, maintaining a sterile environment for experiments. With reliable performance and precise control over temperature and pressure, the autoclave enhances laboratory safety, supports reproducibility, and ensures compliance with hygiene standards in research and clinical applications.	New Addition
205	Drug and Cosmetic Analysis Centre - High-End CPU And Product Design and Engineering Simulation GPU Workstation	1	1,011,636	1,011,636	Drug Design	New Addition
206	Drug and Cosmetic Analysis Centre - Weighing balance ( 4 digit)	1	140,000	140,000	For Accurate measurement in manufacturing and testing	New Addition
207	Biotechnology-Compound microscope	1	300,000	354,000	A compound microscope is essential for both tissueengineering and molecular diagnostics due to its ability to provide high - resolution imaging of cellular structures and tissue samples. In tissue engineering, it helps visualize cellular growth, scaffold integration, and tissue formation, enabling the assessment ofcellbehaviorandmorphology. In molecular diagnostics, it allows theobservationoftissuesamples 6 -8 months GEM for pathological changes, identification of biomarkers, and monitoring of molecular interactions at the cellular level, aiding in accurate diagnosis and treatment planning. Its versatility andmagnificationcapabilities make it an indispensable tool in these fields.	New Addition
208	Biotechnology-Non refrigerated Centrifuge	1	475,000	560,500	Efficiently processes cell suspensions, scaffold materials,and biological fluids for tissue engineering, ensuring quick separation and recovery. Similarly, in molecular diagnostics, itsupports sample preparation steps like plasma/serum separation and nucleic acid extraction without requiring temperature control, makingitcost -effective and suitable for general Ourrequiredspecificationslike sample volume range and centrifugation speed not in GEM.	New Addition
209	Biotechnology-Fluorescent -Microscop e with camera	1	3,000,000	3,540,000	The department is establishing a Stem cell and tissue engineering facility. The fluorescent microscope is essential for the visualization of differentiated cells using cell biomarkers, cell -cell interactions, the release of cellular components with the interaction of the external environment, etc. The department does not have a fluorescent microscope which is a vital equipment for stem cel lculture and tissue engineering lab. Not available in GEM. Non - availability certificate enclosed.	New Addition
210	Biotechnology-Orbital shaker incubator	1	285,000	336,300	An orbital shaker incubator is essential in tissue engineering and moleculardiagnosticsforitsability to maintain precise and uniform temperature control while facilitating gentle agitation. In tissue engineering, it aids in	New Addition



S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
210	Biotechnology-Orbital shaker incubator	1	285,000	336,300	promoting cell growth and differentiation by providing optimal conditions for cell cultures. The shaking motion ensures even nutrient distribution and gas exchange, critical for cell viability. In molecular diagnostics, it ensures uniform mixing of reagents and consistent incubation conditions for enzyme reactions, such as PCR, facilitating accurate and reproducible results. Its versatility in controlling crucial factors for achieving reliable experimental outcomes.	New Addition
211	CUCNAM- LAMINAR AIRFLOW	1	100,000	100,000	A laminar airflow unit is essential for maintaining sterile, particle-free environments critical for microbiological research, cell culture work, and pharmaceutical studies. It ensures aseptic conditions, prevents contamination, and improves the reliability of experimental outcomes. By adhering to biosafety standards, the unit minimizes sample loss, reduces the need for repeating experiments, and enhances productivity	New Addition
212	CUCNAM- WATER BATH	1	10,000	10,000	Essential for maintaining precise temperature control during experiments in the research lab. It is ideal for applications such as enzyme reactions, sample thawing, and heating culture media, ensuring consistent and uniform heating without overheating. This equipment enhances the accuracy and reproducibility of experiments.	New Addition
213	Analytical Biochemistry lab-AMINOACID ANALYZER	1	1,448,000	1,700,000	To prepare aminogram of proteins	New Addition
214	Analytical biochemistry lab-NANO DROP	1	410,000	500,000	For quantification of micro level DNA	New Addition
215	Analytical Biochemistry lab-pH METER	10	82,100	100,000	Ph determination of solution an essential Component of analytical lab	New Addition
216	Analytical Biochemistry lab-FLASH EVAPORATOR	1	164,000	200,000	For separation and concentration of molecules	New Addition
217	Analytical Biochemistry Lab-FUMEHOOD	1	94,800	120,000	To handle hazardous materials and Reflexing operations	New Addition
218	Analytical Biochemistry Lab-MOISTURE ANALYSER	1	123,000	150,000	To analyze moisture content in food and other	New Addition
219	CUCNAM- ULTRA SONICATOR BATH (3L)	1	26,000	26,000	Improves sample dissociation & preparation efficiency (e.g., homogenization, cell lysis)	New Addition
220	Analytical Biochemistry Lab-ANALYTICAL BALANCE	1	246,000	300,000	For accurate micro level Weighing purpose	New Addition
221	CUCNAM- DIGITAL pH METER	1	64,000	64,000	Essential for research applications that require precise pH measurements of solutions and samples. Enhances experimental accuracy, supporting reproducibility and quality control in research studies.	New Addition
222	Analytical Biochemistry Lab-REFRIGERATOR	1	82,000	100,000	To preserve materials	New Addition
223	Analytical Biochemistry Lab-WATER BATH	1	70,000	70,000	Water Bath for Analytical biochemistry lab	New Addition
224	CUCNAM- HOT AIR OVEN	1	50,000	50,000	Uses a forced-air circulation system with a blower to maintain uniform temperature distribution throughout the chamber. Suitable for sterilization, drying	New Addition
225	Analytical Biochemistry lab-CENTRIFUGE	1	41,000	50,000	For routine centrifuge operations	New Addition
226	Analytical Biochemistry Lab-MICROPLATE READER MULTIMODE	1	1,500,000	1,770,000	For qualitative and quantitative analysis Of material in micro volumes	New Addition
227	CUCNAM- PLATFORM ROCKER	1	36,000	36,000	Essential for gently mixing and agitating samples in research applications. It provides consistent, uniform movement, ideal for cell cultures, immunoassays, and protein mixing. Its adjustable speed and tilt ensure effective sample preparation while maintaining sample integrity, enhancing the reproducibility and reliability of experiments.	New Addition
228	CUCNAM- LOW- TEMPERATURE INCUBATOR FOR SMALL ORGANISM CULTURE	1	262,000	262,000	Essential for maintaining precise, controlled environments for temperature-sensitive biological samples in	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
228	CUCNAM- LOW- TEMPERATURE INCUBATOR FOR SMALL ORGANISM CULTURE	1	262,000	262,000	research. It supports the growth and preservation of small organisms, cell cultures, bacterial cultures, and other biological materials at low temperatures, ensuring sample integrity and preventing degradation. This incubator enhances experimental reproducibility and is crucial for studies requiring specific temperature conditions, such as enzyme reactions or cryopreservation.	New Addition
229	CUCNAM- HOMOGENIZER-HAND HELD Microvolume	1	100,000	100,000	Essential for efficient and consistent sample preparation. Enables uniform mixing, cell disruption, and biomolecule extraction, which improves experimental reproducibility, productivity,	New Addition
230	CUCNAM- CLINICAL CENTRIFUGE (NON-REFRIGERATED) 6000- 8000 rpm	1	78,000	78,000	Essential for routine cell components separation	New Addition
231	CUCNAM- WATER PURIFICATION SYSTEM With prefiltration units	1	150,000	150,000	The proposed water purification system, combining double distillation and cartridge filtration, ensures the production of ultra-pure water suitable for critical applications like molecular biology, cell culture, and analytical techniques. Double distillation effectively removes dissolved salts, heavy metals, and organic impurities, while cartridge filtration provides an additional layer of protection by eliminating particulates and chlorine. This dual system complies with laboratory standards, ensuring reliability and reproducibility in experimental results. Its robust design minimizes maintenance costs and extends system lifespan, making it a cost-effective choice. Additionally, pre-filtration via cartridges reduces energy consumption during distillation, enhancing environmental sustainability and operational safety	New Addition
232	CUCNAM- -20°C Freezer with stabiliser	1	100,000	100,000	Ensures consistent low temperatures with uniform cooling, preventing sample degradation and maintaining their integrity over time. Equipped with precise digital controls and alarms for temperature fluctuations , it guarantees operational safety and compliance with laboratory standards. Its energy-efficient design reduces operational costs, while ample storage capacity and customizable shelving optimize sample organization. Ensuring the longevity and quality of research materials in any laboratory setting.	New Addition
233	Analytical Biochemistry lab-consumables(glasswares, pipettes, micropipettes, chemicals)	1	716,000	716,000	for routine and laboratory use	New Addition
234	Centre for Green Chemistry and Technology - Electrochemical workstation with Potentiostat/Galvanostat mode and Impedance spectroscopy	1	1,800,000	1,800,000	This electrochemical workstation will contribute to the various routine experimental strategies of the center on the benchmarking of energy storage materials, electrochemical sensing, solar fuel production etc.	New Addition
235	CUCNAM- AIR CONDITIONERS WITH STABILISERS (2 TONNES)	2	60,000	120,000	Essential for maintaining ambient temperature for cell culture facility	New Addition
236	Centre for Green Chemistry and Technology - Amsterdam Modeling Suite	1	1,900,000	1,900,000	This program package will enable Computational Modeling for Liquid and Supercritical CO2: Understanding Intermolecular Interactions, Structure, and Phase Transitions. Supercritical and liquid CO2 have unique physicochemical properties that make them highly versatile in applications such as pharmaceuticals, polymers, organic glasses, and drying.	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
236	Centre for Green Chemistry and Technology - Amsterdam Modeling Suite	1	1,900,000	1,900,000	To fully leverage these properties, it is essential to understand the fundamental intermolecular interactions, structural organization, and energy components for the formation of super critical CO2, as well as simulate its behavior during phase changes.	New Addition
237	Centre for Green Chemistry and Technology - Semi-Micro Balance with 0.01 mg precision	1	230,000	230,000	This facility is very important for precise weighing of chemicals for various applications under the umbrellas of green catalysis, sustainable protocols.	New Addition
238	Skill development workshop-Economics-External Hard Disk with Carry Case	2	6,000	12,000	For recording data collect during filed visits and for data storage	New Addition
239	CUCNAM- AIR CONDITIONERS WITH STABILISERS (1.5 TONNES)	4	40,000	160,000	Essential for maintaining a stable, controlled environment in the research labs, protecting sensitive equipment and samples from temperature fluctuations, and ensuring optimal conditions for accurate and reproducible results.	New Addition
240	Centre for Green Chemistry and Technology - Vacuum Oven with Pump	2	200,000	400,000	This facility will provide a sustainable solution to dry the sample under vaccum environment which will prevent the oxidative decomposition of the samples under heating	New Addition
241	Centre for Green Chemistry and Technology - Magnetic stirrer with hot plate and temperature probe	5	42,000	210,000	This facility is very much essential for the routine synthesis of catalysts, preparation of assemblies, optimization of various substrate – catalyst systems etc.	New Addition
242	Skill development workshop-Economics-Smart class room	5	200,000	1,000,000	for providing class room facilities in the learning room	New Addition
243	CUCNAM- LAB FURNITURES (HIGH STOOL) with height adjustment	6	3,000	18,000	Leatherette stools Provide researchers with adjustable, comfortable seating help to reduce physical strain and improve overall work efficiency while doing laboratory bench work	New Addition
244	Skill Development Workshop-Economics-portable projector	2	50,000	100,000	for providing presentations/sessions during the filed visits	New Addition
245	CUCNAM- LAB FURNITURES With BACK SUPPORT)	6	4,000	24,000	Leatherette stools Essential while doing laboratory bench work Provide support to prevent physical strain and injuries, which in turn enhances efficiency and long- term productivity. By supporting proper posture, minimizing discomfort, and offering adjustable height and stability, high stools with back support help create a safer and more comfortable work environment	New Addition
246	Skill Development-Economics-Digital Camera and Tripod	1	75,000	75,000	for capturing the sessions of seminars/workshops/invited lectures for future references	New Addition
247	Skill Development Workshops-economics-Laptops	2	50,000	100,000	for field visits and data collection	New Addition
248	CUCNAM- MICROWAVE OVEN	1	10,000	10,000	Used for preparing samples which require controlled temperature, pressure, and other variables precisely without physically interacting with the samples integrity. Also used to enhance reaction rates, improve yields, and even drive reactions	New Addition
249	Skill development workshops-economics-Bus	1	3,000,000	3,000,000	For student's conveyance	New Addition
250	Skill Development Workshops-economics-Library books(Yearly Indent)	3	250,000	750,000	for extending the research reference of students and scholars	New Addition
251	CUCNAM- CELL CULTURE WARES FLASKS, VIALS, DISHES, MULTIWELL PLATES (3 sets)	1	100,000	100,000	Sterile, irradiated vessels essential for preventing contamination of culture	New Addition
252	Part time job oppurtunity centre with a strong tie with Agro processing industries-Economics-UPS	2	150,000	300,000	For providing uninterrupted power supply in the computer lab, faculty and office rooms	New Addition
253	CUCNAM- Microvariable PIPPETTES (range 0.5 Microlitre to 1ml – 2 sets ) & TIPS (2 sets)	1	100,000	100,000	For transferring small volumes of liquids with high precision, providing flexibility for different types of liquid handling.	New Addition
254	Part time job oppurtunity centre with a strong tie with Agro processing industries-Economics-Carrier 8.5 ton ductable type split AC	2	188,000	376,000	for providing air conditioned space for the project	New Addition
255	Part time job oppurtunity centre with a strong tie with Agro processing industries-Economics-Career 8.5 ton split AC-Accessories and Installation charges	1	90,000	90,000	for providing airconditioned space for the project	New Addition
256	Part time job oppurtunity centre with a strong tie with Agro processing industries-Economics-Multi functional printer,copier and scanner	1	40,000	40,000	Laser printer with a speed of 22 ppm duplex	New Addition
257	Part time job oppurtunity centre with a strong tie with Agro processing industries-Economics-Desktop computer	4	48,500	194,000	Intel core i5 with 17 inch monitor,key board,mouse	New Addition
258	Social Audit-Economics-Camcorder (Including SD card, Bag, and tripod)	1	45,000	45,000	It will be required while interviewing stakeholders of specific programmes /schemes	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
259	Incubation cum Entrepreneurship Centre for Plastic Waste Management -Sorting Conveyor with Sensor	1	175,000	200,000	Sorting of plastic waste	New Addition
260	Incubation cum Entrepreneurship Centre for Plastic Waste Management - Plastic Crushing machine	1	250,000	300,000	Crushing of plastic waste	New Addition
261	Social Audit-Economics-laptop	1	79,400	79,400	laptop is required to analyse large data collected from the field	New Addition
262	Incubation cum Entrepreneurship Centre for Plastic Waste Management - Plastic Baling machine – hydrolic	1	300,000	350,000	Baling of recycled plastic and compressing it to make it denser	New Addition
263	Social Audit -Economics-Printer	1	45,000	45,000	To print out survey schedules, workshop materials and report drafts	New Addition
264	Incubation cum Entrepreneurship Centre for Plastic Waste Management - Plastic Shredder machine	1	200,000	225,000	Cutting into small pieces of recycled plastic	New Addition
265	Social Audit-Economics-Webcam	1	15,000	15,000	to conduct online workshops with other institutions we need webcams	New Addition
266	Incubation cum Entrepreneurship Centre for Plastic Waste Management - Plastic Grinding machine	1	260,000	300,000	Grinding of Plastic waste	New Addition
267	Incubation cum Entrepreneurship Centre for Plastic Waste Management - Plastic Extrusion machine	1	850,000	950,000	For producing new products from the recycled plastic	New Addition
268	Social Audit-Economics-Voice recorder	2	4,000	8,000	To record testimonies of people	New Addition
269	Incubation cum Entrepreneurship Centre for Plastic Waste Management - Moulding machines	1	750,000	850,000	To produce new products like construction materials, pots etc	New Addition
270	Social Audit-Economics-Hard disk	2	5,800	11,600	To store large video and audio files of field survey.Also to store final reports and testimonials.	New Addition
271	Incubation cum Entrepreneurship Centre for Plastic Waste Management -Faad Machine	1	500,000	600,000	For producing variety products	New Addition
272	Incubation cum Entrepreneurship Centre for Plastic Waste Management - Chiller Machine	1	180,000	200,000	To cool moulds and other machines to enhance the quality of the new products	New Addition
273	Incubation cum Entrepreneurship Centre for Plastic Waste Management - Aglo machine	1	400,000	425,000	To agglomerate fine plastic produce	New Addition
274	Social Audits-Economics-Tablets	2	24,500	49,000	Field surveys will be conducted using software.filed investigators will need tablets	New Addition
275	Incubation cum Entrepreneurship Centre for Plastic Waste Management - Plastic squeezer machine	1	800,000	900,000	For Incubation cum Entrepreneurship Centre for Plastic Waste Management -	New Addition
276	EPMC- Electrochemical workstation with in situ Raman spectrometer	1	3,772,000	4,600,000	Electrochemical workstation with in situ Raman spectrometer is highly essential to identity the valuable products formed during the electro/photo catalysis simultaneously with the electro/photochemical behaviour of the materials. This instrument will surely boot the productivity of department in the proposed research area.	New Addition
277	Social Audit-Economics-Projector	1	38,000	38,000	This would be required to conduct workshops and interact with community	New Addition
278	Incubation cum Entrepreneurship Centre for Plastic Waste Management - Generator	1	150,000	180,000	Power to operate machines	New Addition
279	Incubation cum Entrepreneurship Centre for Plastic Waste Management - Solar Panels	1	225,000	250,000	Power to operate machines	New Addition
280	Social Audits-Economics-Projector screen	1	1,000	1,000	To project the live sessions	New Addition
281	Incubation cum Entrepreneurship Centre for Plastic Waste Management - Miscellaneous equipments		450,000	500,000	Facilitate the functioning of the startup	New Addition
282	Social Audits-Economics-Visual Presenters	1	2,000	2,000	For online interactive presentations,workshops and meetings	New Addition
283	Social Audits-Economics-Bluetooth speakers	1	6,000	6,000	will be required during workshops in the local bodies	New Addition
284	CRE-Physics-DC Magnetron Sputtering System	1	1,950,000	2,301,000	To fabricate metal thin film	New Addition
285	EPMC- Computational Software	1	1,500,000	1,770,000	Essential for doing Molecular and periodic DFT calculations (has many advantages over plane waves like a proper treatment of surfaces) particularly in the areas of spectroscopic and inorganic chemistry calculations, Complex processes such as combustion, CVD, atomistic study of battery discharge, etc. MD, great GUI and tools which will definitely improve the qualities of the proposed research and alos the other researches in the department.	New Addition
286	CRE-Physics-DMM7510 712-Digit Graphical Sampling Multimeter	1	600,000	708,000	To measure power output of thermoelec tric module	New Addition
287	EPMC- GPU based high performance workstation	1	1,400,000	1,730,000	GPU based high computing facility is essential for doing molecular simulation, molecular dynamic and machine learning calculations. This will validate the experimental results and predict the properties	New Addition
288	CRE-Physics-High-Temperature Tube Furnaces with SiC Rod Heating - 1600 °C	1	1,700,000	2,006,000	To anneal bulk and thin film samples	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
289	EPMC- CPU based high performance workstation	2	410,000	1,000,000	CPU based high computing facility is essential for doing structural, spectral, electronic, semiconducting and other related calculations to explain the light emmision , quenching, catalytic, photovoltaic, nonlinear optical, etc., applications. This will validate the experimental results and predict the properties	New Addition
290	CRE-Physics-Computerized Touch Screen Vickers Hardness Testing Machine VM-50-TS	1	535,560	633,464	To check the hardness of hard and soft materials	New Addition
291	CRE-Physics-Sputtering Targets	20	50,000	1,000,000	For Sputtering	New Addition
292	CRE-Physics-Archimedes kit	2	100,000	200,000	For density measurement	New Addition
293	CRE-Physics-Triboelectric measurement unit system	1	265,200	312,936	For the Synthesis and Characterisation of Triboelectric materials, and for the electrical studies of Triboelectric nanogenerators.	New Addition
294	CRE-Physics-Electrospinning Unit	1	768,228	906,509	For the Synthesis and Characterisation of Triboelectric materials, and for the electrical studies of Triboelectric nanogenerators.	New Addition
295	CRE-Physics-Spin Coating Unit with UV curing system	1	191,360	225,805	For the Synthesis and Characterisation of Triboelectric materials, and for the electrical studies of Triboelectric nanogenerators.	New Addition
296	CRE-Physics-Micropipette	1	9,000	21,240	For the Synthesis and Characterisation of Triboelectric materials, and for the electrical studies of Triboelectric nanogenerators.	New Addition
297	CRE-Physics-Keithley 2461 Sourcemeter SMU	1	1,490,000	1,758,200	For the Synthesis and Characterisation of Triboelectric materials, and for the electrical studies of Triboelectric nanogenerators.	New Addition
298	CRE-Physics-Contact anglemeasurement system	1	252,304	297,719	For the Synthesis and Characterisation of Triboelectric materials, and for the electrical studies of Triboelectric nanogenerators.	New Addition
299	CRE-Physics-ExpEYES kits	5	3,800	22,420	For the Synthesis and Characterisation of Triboelectric materials, and for the electrical studies of Triboelectric nanogenerators.	New Addition
300	CRE-Physics-Magnetic stirrer	1	45,000	53,100	For the Synthesis and Characterisation of Triboelectric materials, and for the electrical studies of Triboelectric nanogenerators.	New Addition
301	CRE-Physics-High performance Computer (Desktop)	2	79,000	186,440	For the Synthesis and Characterisation of	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
301	CRE-Physics-High performance Computer (Desktop)	2	79,000	186,440	Triboelectric materials, and for the electrical studies of Triboelectric nanogenerators.	New Addition
302	CRE-Physics-Air Conditioner (1.5 Ton)	2	45,000	106,200	For the Synthesis and Characterisation of Triboelectric materials, and for the electrical studies of Triboelectric nanogenerators.	New Addition
303	CRE-Physics-FTIR- ATR spectrometer	1	2,328,700	2,747,866	For the Synthesis and Characterisation of Triboelectric materials, and for the electrical studies of Triboelectric nanogenerators.	New Addition
304	CRE-Physics-2 series Mixed Signal Oscilloscope	1	677,960	799,993	For the Synthesis and Characterisation of Triboelectric materials, and for the electrical studies of Triboelectric nanogenerators.	New Addition
305	Centre for Entrepreneurship and Leadership-Computer: desktop	15	50,000	750,000	Setting Centre for Entrepreneurship and Leadership	New Addition
306	Centre for Entrepreneurship and Leadership - Laptop	2	55,000	110,000	To conduct training programme, To design course and materials	New Addition
307	Centre for Entrepreneurship and Leadership - Multifunctional Printer, Copier & Scanner	1	40,000	40,000	To conduct training programme	New Addition
308	Centre for Entrepreneurship and Leadership - UPS	1	100,000	100,000	To Set up the training Centre	New Addition
309	Centre for Entrepreneurship and Leadership - 1.5 Ton Air Conditioner	3	55,000	165,000	To Set up the training Centre	New Addition
310	Centre for Entrepreneurship and Leadership - Wi-Fi Devices	1	35,000	35,000	Routers	New Addition
311	Centre for Entrepreneurship and Leadership - Projector	2	50,000	100,000	Required to run the Programmes	New Addition
312	Centre for Entrepreneurship and Leadership - Touch Screen	1	100,000	100,000	Setup Lab-Required to run the Programmes	New Addition
313	Centre for Entrepreneurship and Leadership - Microphone	10	1,000	10,000	Setup Lab	New Addition
314	Centre for Entrepreneurship and Leadership - Speaker	1	15,000	15,000	Setup Lab	New Addition
315	Centre for Entrepreneurship and Leadership - Audio Mixer	1	15,000	15,000	Setup Lab-Required to run the programmes	New Addition
316	Centre for Entrepreneurship and Leadership - Whiteboard or Electrical Digital Board	1	150,000	150,000	Required to run the programmes	New Addition
317	Centre for Entrepreneurship and Leadership - Training Tools/Instruments Group Exercise Equipment/Materials	1	100,000	100,000	To Create Video Content/Video Lecture. Also, can be used to develop MOOC courses	New Addition
318	Biotechnology-Orbital shaker	1	72,000	75,000	tissue engineering and molecular diagnostics due to its ability to provide uniformmixingandcontrolledagitation. In tissue engineering, it ensures even distribution of nutrients and oxygen in cell cultures, promoting cellproliferation and tissue development, especially in dynamic cultivation systems. For molecular diagnostics, it enhances the efficiency and reproducibility of assays like PCR and ELISA by maintaining consistentmixing of samples and reagents, ensuringreliableandhigh-quality results.	New Addition
319	Radio CU- Audio editing Software for Audio recording having Audio tracks: 512, Video tracks: 1, Simultaneous recording inputs:16 256(Core Audio, ASIO), 192 (HDX Hybrid Engine, HDX Classic), 64(HD Native)- Yearly Subscription.		49,500	49,500	For setting up of Radio Station	New Addition
320	Centre for Entrepreneurship and Leadership - Dual Channel Camera Microphone	1	26,500	26,500	To Create Video Content/Video Lecture. Also, can be used to develop MOOC courses	New Addition
321	Centre for Entrepreneurship and Leadership - Video Camera	1	135,000	135,000	To Create Video Content/Video Lecture. Also, can be used to develop MOOC courses	New Addition
322	Centre for Entrepreneurship and Leadership - Contemporary Lens	1	76,500	76,500	To Create Video Content/Video Lecture. Also, can be used to develop MOOC courses	New Addition
323	Radio CU- Video editing software with yearly subscription(1 year subscription)	1	30,000	30,000	For setting up of Radio Station	New Addition
324	Centre for Entrepreneurship and Leadership - Camera Tripod	1	15,000	15,000	To Create Video Content/Video Lecture. Also, can be used to develop MOOC courses	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
325	Centre for Entrepreneurship and Leadership - Chairs	20	3,000	60,000	Set up training room. Meeting/conference room.	New Addition
326	Radio CU- USB audio Interface-Audiophile 2x4, 24-Bit/193 kHz USB Audio/MIDI Interface with MIDAS, Mic Preamplifiers	1	24,382	24,382	For setting up of Radio Station	New Addition
327	Centre for Entrepreneurship and Leadership - Jefferson Executive Chairs	3	15,000	45,000	Set up training room. Meeting/conference room.	New Addition
328	Radio CU- Ultra-compact, DSP-controlled bi-amplified near field monitor with 100mm woofer, 25 mm Tweeter, Free field frequency response ±6 dB 53 Hz-21 kHz, Self generated noise at 10cm (with input gain set to 100 dB SPL for 0 dBu)&lt;20dB(A) SPL, Dynamic range A-D 114 dB(A), Maximum output level (dB SPL) 108.8, Delay: User adjustable delay range 0....70ms, Approved Makes: Neumann/Genelec/PMC	2	57,900	115,800	For setting up of Radio Station	New Addition
329	Centre for Entrepreneurship and Leadership - Podium	2	30,000	60,000	Set up training room. Meeting/conference room.	New Addition
330	Centre for Entrepreneurship and Leadership - Computer Tables	3	15,000	45,000	Set up training room. Meeting/conference room.	New Addition
331	Radio CU- Studio cardioid microphone with Large diaphragm capsule(1"), True condenser design, 24carat gold-plated diaphragm. Full metal housing, Capsule shoke-mounted internally to minimise structure -borne noise, Low inherent self noise and high maximum SPL. Fraquency response :20Hz -20kHz, Dynamic range:130	1	32,500	32,500	For setting up of Radio Station	New Addition
332	Centre for Entrepreneurship and Leadership - Round Board	5	5,000	25,000	Set up training room. Meeting/conference room.	New Addition
333	Radio CU- Mic stand for studio Mic	1	9,000	9,000	For setting up of Radio Station	New Addition
334	Centre for Entrepreneurship and Leadership - Meeting (Conference Table)	1	150,000	150,000	Set up training room. Meeting/conference room.	New Addition
335	Radio CU- Notation stand for studio mic	1	4,500	4,500	For setting up of Radio Station	New Addition
336	Centre for Entrepreneurship and Leadership - Water Cooler with installation of Pipes	1	35,000	35,000	Set up training room. Meeting/conference room.	New Addition
337	Centre for Entrepreneurship and Leadership - Window Curtain	5	5,000	25,000	Set up training room. Meeting/conference room.	New Addition
338	Radio CU- Elastic Suspension for studio mic Elastic Suspension Mount, for studio mic	1	10,668	10,668	For setting up of Radio Station	New Addition
339	Centre for Entrepreneurship and Leadership - Chairs	25	2,000	50,000	Required for Library and Lab	New Addition
340	Radio CU- Pop screen for studio mic	1	8,309	8,309	For setting up of Radio Station	New Addition
341	Centre for Entrepreneurship and Leadership - Glass Almira	8	5,000	40,000	Required for Library and Lab	New Addition
342	Radio CU- Supply, Installation , testing and commissioning of dynamic mic having Frequency response :55-16,000 Hz, Transducer principle : dynamic, Pick-up pattern :cardioid, Nominal impedance:300 (at 1kHz), Sensitivity ;1.8mV/Pa(free field, no load at 1 kHz)	1	6,890	6,890	For setting up of Radio Station	New Addition
343	Centre for Entrepreneurship and Leadership - Steel Almira	2	10,000	20,000	Required for Library and Lab	New Addition
344	Radio CU- Headphone Amplifier with headphone output on 1/4" and 1/8" jack connectors, Stereo Monitor input with dedicated Monitor Level control and Mono/Stereo switch	1	5,882	5,882	For setting up of Radio Station	New Addition
345	Centre for Entrepreneurship and Leadership - Glass Door for Library Entrance	1	25,000	25,000	Required for Library and Lab	New Addition
346	Centre for Entrepreneurship and Leadership - Bookshelf for Library	1	12,000	12,000	Required for Library and Lab	New Addition
347	Radio CU- Professional closed, around-the-ear headphone with Jack plug 3,5/6,3 mmstereo , Frequency response 8-25000Hz, Sound pressure level (SPL)113dB,THD 0,1%, Nominal impendence 64 , High ambient noise attenuation, Accurate, linear sound reproduction, Soft earpads for a comfortable fit, Folding and rotating earcups for space-saving transport, Tough single -sided cable.	2	9,000	18,000	For setting up of Radio Station	New Addition
348	Centre for Entrepreneurship and Leadership - Camera for Library	1	15,000	15,000	Required for Library and Lab	New Addition
349	Radio CU- 3G-SDI and HDMI video playback from your Thunderbolt 3	1	18,000	18,000	For setting up of Radio Station	New Addition
350	Radio CU- 43" TV for video preview for dubbing	1	38,500	38,500	For setting up of Radio Station	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
351	Radio CU- Thunderbolt 3 storage having capacity 18TB, Sequential Read Performance:up to260MB/s Sequential Write performance:up to260MB/s , Interface Thunderbolt 3, USB 3.2 Gen 2	1	89,500	89,500	For setting up of Radio Station	New Addition
352	CUCNAM- WORK STATION &; LAPTOP COMPUTER &; MULTI FUNCTIONAL PRINTER, UPS &;SOFT WARES FOR ANALYSIS	1	350,000	350,000	Allow researchers and lab personnel to efficiently process and analyze large datasets, perform complex simulations, automate repetitive tasks, and produce accurate and reproducible results. improves the overall quality of research. Maintain data integrity, and support the evolving demands of scientific and clinical research. It is ideal for high- performance tasks in design, animation, and simulations.	New Addition
353	Online Examination Centre-Desktop computers	120	46,000	5,520,000	Conducting Online Examinations	New Addition
354	Online Examination Centre- Server and storage infrastructure			2,000,000	Conducting Online Examinations	New Addition
355	Online Examination Centre- Multi-function printer	2	60,799	121,598	Conducting Online Examinations	New Addition
356	Online Examination Centre- Interactive display panel	2	210,000	420,000	Conducting Online Examinations	New Addition
357	Online Examination Centre-3 Ton Tower AC	8	247,932	1,983,456	Conducting Online Examinations	New Addition
358	Online Examination Centre - UPS facility	2	1,300,000	2,600,000	Conducting Online Examinations	New Addition
359	Online Examination Centre- Interior Works			1,200,953	Conducting Online Examinations	New Addition
360	Online Examination Centre- Furniture Sofa standard/Pearl-24 nos Teapoy Viceroy/Corner table-2 nos Office table with two seater with computer facility-4 nos Executive visitors chair-8 nos Dais/Evaluator's table-190 nos Partition/Paneling on top of the table Wooden Chair with arm-Colonial-190 nos Conference table -14 HB revolving Chair-14 nos Dais-3 Executive Chair-3 nos Conference table Standard-2 seater-8 nos Executive visitors chair-16 nos			4,427,047	Conducting Online Examinations	New Addition
361	CELT-CAST-English-Monitor (LG 24MS550)	35	10,250	358,750	general purpose	New Addition
362	CELT-CAST-English-Keybord &; Mouse (Dell)	35	1,306	45,710	General purpose	New Addition
363	CELT-CAST-CPU: (HP Z2 G9 TWR)	35	50,000	1,750,000	Video editing ,subtitling,dubbing,voice over and speaker	New Addition
364	Online Examination Centre- Electrification work			1,018,496	Conducting Online Examinations	New Addition
365	CELT-CAST-English-Bluetooth Speaker (Zebronics)	35	5,999	209,965	general purpose	New Addition
366	CELT-CAST-English-Projector	1	46,161	46,161	Display Videos and Learning Materials in the Hall	New Addition
367	CELT-CAST-English--Screen	1	3,650	3,650	display	New Addition
368	CELT/CAST-English-Interactive Smart Panel	2	59,900	119,800	Live interactive display in the Hall Live Online Sessions	New Addition
369	CELT/CAST-English-Air-conditioner -BPL 1.5T	4	28,953	115,772	Temperature Control in a Hall of Capacity of Min. 50	New Addition
370	CELT/CAST-English-Whiteboard	1	4,081	4,081	Lecturing	New Addition
371	CELT/CAST-English-Studio Mic Behringer C-1	1	10,410	10,410	Voice-Over for Audio Description Dubbing	New Addition
372	CELT/CAST-English-Studio Mixer YamahaMGP32X	1	7,480	7,480	Voice-Over for Audio Description Dubbing	New Addition
373	CELT/CAST-English-Apple/Mac/P C Macbook Pro 14 M4	1	169,900	169,900	HD Video Editing Dubbing, Subtitling, Voiceover- Studio	New Addition
374	CELT/CAST-English-Portable PA Mega 120 W	1	21,430	21,430	Large-Classroom/ Hall Lectures	New Addition
375	CELT/CAST-English-Soundproofing Panels/ Acoustic Insulation GLIM PLUS AWP-SD 600mm	338	290	98,020	Noiseless  Recording for Voice-Over for Audio Description dubbing	New Addition
376	Food testing laboratory -GC-MS-MS(GAs chromatography-Mass spectrometry)	1	10,847,457	12,800,000	GC-MS analysis is integral for the identification and quantify-cation of volatile and semi-volatile compounds in food samples, including contaminants, additives, flavor compounds, pesticides, and preservatives, providing precise and reliable chemical analysis and for certification of the exportable food items. From determination of pesticide residues to characterization of ingredients, GC-MS systems provide with valuable information about the safety of food supply. This equipment is integral in a food quality testing lab and for getting FSSAI -NABL accreditation.	New Addition
377	Major equipments High pressure autoclave TOC analyzer Four probe resistivity tester conductivity meter Rotary evaporators Ice flaking machine (For Food testing laboratory)	1	40,000,000	40,000,000	Research and development in food microbiology/biochemistry/ toxicology Training students in food technology Export/import perishable food items for income generation Food surveillance	Deleted



S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification	Status
378	Major equipments: 3D Bioprinter Digital PCR Realtime PCR Nanodrop Polytron homogenizer Sonicator CO2 Incubator Laminar air flow Class 2 Lateral Flow assay printing equipment -80C deep freezer -20C deep freezer Flourescent microscope Minor equipments: (For Centre for Tissue Engineering and Molecular Diagnostic Technology (CTEMDT))	1	50,000,000	50,000,000	Advancing scientific research Technology development Education in the fields of tissue engineering and molecular diagnostics	Deleted
379	Announcement system for women's hostel-Head Worn Wireless Microphone	1	28,600	28,600	Inmates can conduct recreation programmes and meetings inside the hostel.	New Addition
380	Health Club and Yoga Centre-MULTI HIP EXERCISE	1	70,000	70,000	It will help to women be physically fit	New Addition
381	Zebrafish-Hailea CPA-120 AC/DC Air Pump For Aquaculture, 28 Watt, 120L/M	4	14,000	56,000	For the efficient mixing and circulation of oxygen to different tanks	New Addition
382	Zebrafish-Water quality testing system	1	70,000	70,000	For the routine check up of water quality to avoid contamination and infection	New Addition
383	Announcement system for women's hostel-Mixing Console	1	82,000	82,000	Communication between hostel staff and inmates will be easier and convenient	New Addition
384	Health club and Yoga Centre - TREAD MILL (NON – MOTORISED)	3	70,000	210,000	It will help to women be physically fit	New Addition
385	CIE-Collet Set, Milling Vise	1	50,000	50,000	Foster technology advancement, to drive economic growth, create jobs, promote a culture of innovation ,develop essential entrepreneurial skills	New Addition
386	Drug and Cosmetic Analysis Centre-HPLC	1	2,000,000	2,000,000	Analysis of Precursors, Quality control and testing for Drugs and cosmetics manufacturing	New Addition
387	Centre for Green Chemistry and Technology - Super Critical Fluid Extraction System	1	5,000,000	5,000,000	Utilization of liquid and supercritical CO2 as an environmentally benign alternative solvent has been one of the major advantages in green chemistry. The department has ongoing research in diverse aspects of chemistry such as pharmaceutical processing, polymer processing, preparation of organic glasses, and supercritical CO2 -based drying. Current research includes the preparation of sustained release drug- excipient composites, controlled release fertilizer composites, CO2 -based coating strategies etc. The equipment is well align with the key theme of the center which is utilization of alternative solvents for doing green and sustainable chemistry.	New Addition
388	Incubation cum Entrepreneurship Centre for Plastic Waste Management - Computer	4	50,000	200,000	Required for seminars, lectures, data processing and running softwares	New Addition
389	EPMC- Vector Network Analyzer	1	6,560,000	8,000,000	One of the research themes of the department is Metamaterials for EMI applications. Our group has already started working on this area. One of the projects we work on titled “Polluting Waste to Protective Shield: Composite Nanofibers from Plastic Recycling for EMI Shielding”. Actually, we are aiming to use waste plastic to EMI material by proper experimental designing. Netwrok analyzer is the device used finally to check the efficacy of the materials to be used for EMI applications. Tuning negative permittivity with transparency and hydrophobicity are some of the parameters we fixed for specific applications. This instrument is highly essential to manage one of the major research goal of our department.	New Addition
390	Centre for Entrepreneurship and Leadership-Personal Computer (PC) Desktop	1	90,000	90,000	Essential to create digital/e- content for the programme	New Addition
391	Radio CU - Supply, Installation, Testing and Commissioning of Apple Mac Studio with M2 Max with 12-core CPU, 38-core GPU Apple M4 chip with 10-core CPU, 10-core GPU, 16-core Neural Engine 60.96cm(24") 4.5K Retina display2. Standard glass, 32GB unified memory, 1TB SSD storage Four Thunderbolt 4 ports, Gigabit Ethernet, Magic Mouse, Magic Keyboard with Touch ID-US English with protection plan.	2	289,900	579,800	Setting up of Radio station	New Addition
392	Announcement system for women's hostel-Wall Mount Rack	1	18,500	18,500	Inmates can conduct recreation programmes and meetings inside the hoste	New Addition
393	Announcement system for women's hostel-Dual Channel Wireless Microphone	1	55,200	55,200	By centralizing the communication through Announcement Systems it will minimizes the need of individual notifications to the inmates	New Addition
394	Announcement system for women's hostel-Amplification	1	152,000	152,000	Increase operational efficiency for hostel staff	New Addition

S.No	Name of the Equipment	Quantity	Cost per	Total cost	Justification				Status
394	System (250* 4 Channel 1000 W Amp	1	152,000	152,000	Increase operational efficiency for hostel staff				New Addition
395	Announcement system for women's hostel-Gooseneck Microphone	1	36,500	36,500	By centralizing the communication through Announcement Systems it will minimizes the need of individual notifications to the inmates .				New Addition
Whether Institution have Soft component activities				Yes					
Soft Component									
S.No	Activity	Purpose	Details	Unit	Cost per Unit	Total Cost	Target No of	Expected Outcome	Status
1	Diploma in small molecule synthesis and characteris ation	Career advancement	Skill, research and development in Pharmace utical and drug development	1	4,900,000	4,900,000	238	Meet industrial demand	Old-Record
2	Diploma in small molecule synthesis and characterisation	Career advancement	Skill,research and development in Pharmaceutical and drug development.Purchase of 1. Rotary evaporators with accessories vacum pump chiller-2 sets-rate-1530000 2.Laboratory Fume Hooode-2 nos-rate-260000 3.Ice Machines-100 kg capacity -rate- 297000 4.High vaccum oil pumps-30 nos- rate-135000 5.Magnetic stirrer with Hotplates-5 nos-200000 6.Consumables for lab-2500000	1	4,900,000	4,900,000	200	Meet industrial demand	Updated-Old-Record
3	Launching Digital Courses and Initiatives Providing Counsellin g and coaching programme	Delivery of digital education programmes	Counselin g and coaching services	1	4,151,000	4,151,000	238	Psychological and Emotional Support	Old-Record
4	Digital Archive in Women's Studies	Delivery of Digital Education Programme	Preserve documentation on Women's lives, Network with other organisations purchase of 1.Steel cabinet-1no--rate-11471 2. Apple 1 Mac with Editing suite-rate-265100 3.USB Type external hard disk drive-1 no and Memory card -3 nos 4.scanner -1 no- rate-65000 5.Interchangeable lens cameras with lens-1 no-rate- 620400 6.wireless microphone-3 nos- rate-17600 7.Colour printer-1 no-rate-41000 8.Air conditioner- 1.5 ton- 2 nos- rate-34000 9.server system-1 no-rate- 433600	1	3,521,000	3,521,000	120	Creation of a digital archive in women's history, gender justice	Updated-Old-Record
5	Statistical skill developme nt programme - Hands on Training in 'SAS' & Python	Develop statistical skills for research	Hands-on training on statistical softwares	1	1,000,000	1,000,000	238	Career advancement Data-driven decision-making in various sectors	Old-Record
6	Statistical skill developme nt programme - Hands on Training in 'SAS' &&& Python	Develop statistical skills for research	Hands-on training on statistical softwares	1	1,000,000	1,000,000	200	Career advancement Data-driven decision-making in various sectors	Updated-Old-Record
7	MS Research in Data Science Advanced online certificate programme in Data Science and Analytics, Artificial Intelligenc e and Machine Learning	Advance knowledge on Artificial intelligence and Machine learning	Conduct program me and Purchase of softwares	1	17,303,257	17,303,257	238	Gain expertise in versatile data professional Learn machine learning algorithms, and data-driven solutions Networking opportunities Academic pursuits Address critical cybersecurity challenges Develop and implement machine learning algorithms, models, and solutions Data security and privacy Threat detection and prevention Provide proactive defense mechanisms	Old-Record

S.No	Activity	Purpose	Details	Unit	Cost per Unit	Total Cost	Target No of	Expected Outcome	Status
8	MS Research in Data Science Advanced online certificate programme in Data Science and Analytics, Artificial Intelligence and Machine Learning	Advance knowledge on Artificial intelligence and Machine learning	Conduct program me and Purchase of softwares. 1. Academic activites based on Industrial collaboration.- amount-2200000 2.Centralised computing lab and networking facility-amount-12548425 3. Smart class room/research lab facility- amount-3253838	1	18,003,250	18,003,250	238	Gain expertise in versatile data, learn machine learning algorithms, and data-driven solutions Networking oppurtunities, Academic pursuits,address critical cybersecurity challenges, develop and implement machine learning algorithms,models,and solutions,Datasecurity and privacy threat detection and prevention	Updated-Old-Record
9	Empowering Learning:A Comprehen sive Three-Year Project for Educational Reforms and Skill Enhanceme nt	Engage faculties in OBE-based curriculum designing	Conduct of workshops and training programmes	1	3,600,000	3,600,000	238	Update the curriculum to ensure its alignment with current industry needs and emerging trends	Old-Record
10	Empowering Learning:A Comprehen sive Three-Year Project for Educational Reforms and Skill Enhancement	Engage faculties in OBE-based curriculum designing like OBE Faculty training Initiative,E-content Development(OBE),Online Course Development on OBE,Curriculum Revision(OBE),Counselling and Coaching programmes,Online remedial course development	Conduct of workshops and training programmes and purchase 1. laptop-5 no- rate-425000 2. desktop-2 no- rate-270000 3.dektop- 1-no-rate-155000 4.All in one desktop-1 no-rate- 75000 5.laser printer- 4 no-rate- 22000 6. All in one printer- 1 no- rate- 26000 7. project screen-3 no-rate- 45000 8.Adobe creative cloud software- 1 no- rate-50000 9. cloud space- 1 no-rate-75000 10.Interactive Board- 1 no-rate-150000 11.Wireless presenter-3 no- rate- 9600	1	15,560,000	15,560,000	238	Update the curriculum to ensure its alignment with current industry needs and emerging trends	Updated-Old-Record
11	Social Audits of Government schemes	Workshops, Training sessions ,Meetings with various stakeholders,preparation of structured schedules for social audits, field surveys	conducting training programmes and workshops	1	3,600,000	3,600,000	200	promoting transparency ,accountability ,and citizen engagement in governance	New Addition
12	ITSR-Career Advancement and skill development Centre for Tribals	Career development help for tribal students	Soft skill developments ,career advice and orientation for students of ITSR. 1. laptops 2nos- ,projector-1 nos,screen - 1 nos- rate- 238997. 2.Ahuja wireless cardoid microphone- 1 rate-62803 3.purchase/subscription of journals,magazines etc.- rate-98200 2.	1	4,098,000	4,098,000	200	Social justice, Empowerment and Integration of underprivileged sections	New Addition
13	Skill Development Workshop	Workshop and National Symposium on Basics of Cell culture,3-D Bioprinting &&& Microcopy &&& Imaging Practices for Interdisciplinary Research	Encourage participation of the students,faculty members and the administrative staff, bridges the gulf between the students and the people outside. Also include purchase of chemicals and consumables and glass wares for conducting hand on practicals for workshop.	1	500,000	500,000	200	Bring together stakeholders of academia,scientific community,industry,governmt personnel from national/International levels to raise awareness/facilitate exchange of Informaion/ideas on the high-end skill development for conducting research on biological sciences	New Addition
14	Employability skill development course	To equip female students to be professionals	provide guidance to female students on work-life balance,stress management and maintaining mental health and physical wellbeing in a professional setting	1	630,000	630,000	238	Empowererment, skill enhancement,in womes's students and emergence of women professional leader	New Addition
15	Centre for Innovation and Entrepreneurship	Promotes business environment	promotes entrpreneurship	1	1,000,000	1,000,000	200	Foster technology advancement	New Addition
16	Incubation cum Entrpreneurship centre for Plastic Waste Management	To impart awareness to the targeted group and the neighbourhood about the importance of scientific segregation of waste	deals with plastic waste management	1	1,970,000	1,970,000	200	Awareness programs	New Addition
17	Quality Assurance -	Empowerment and	employee	1	5,000,00	5,000,00	238	Periodic assessments	Deleted

S.No	Activity	Purpose	Details	Unit	Cost per Unit	Total Cost	Target No of	Expected Outcome	Status
17	Promoting self appraisals	employee developme nt	development	1	0	00	238	to ensure that teaching reforms align with institutional goals and objectives	Deleted
18	Sustainable Tourism Development	By adopting sustainable practices, the tourism Industry can help preserve the natural environment, protect local cultures, support the well being of local communities ,and ensure a positive travel experience for future generations	protecting natural environment by promoting tourism	1	700,000	700,000	200	Supporting economic development, promoting responsible and ethical tourism practices	New Addition
19	A part time job oppurtinity centre with a strong tie with Agro-processing Industries	It is an initiative to do a value addition activity in producing the final product of these agro-processing Industries	Increasing job opportunities by promoting agro processing industries	1	2,500,000	2,500,000	200	Training Program as well as the value addition activity to guide and uplift the participants in this programme,, regular and timely collection of intermediate products from the industries and the distribution of value-added product is looked upon as the core activity in running this programme	New Addition
20	Forging stronger ties between Industry and department of economics	The stronger ties between industry and the department of economics is one of the crucial components for facilitating an innovative ecosystem, which deliver a stable socio-economic impact and also paves path to commercialization of student's knowledge.	Strong tie up between academia and industries will increase opportunities for students	1	2,000,000	2,000,000	200	An active association of academia and industry leads to several growth opportunities and it would give our students an excellent exposure to industrial settings	New Addition
21	Mathscinet subscription for three years	For Mathematical research purpose	Searchable online bibliographic database which provides mathematical reviews	1	255,000	255,000	120	Improves research quality	New Addition
22	Centre for Environmental Philosophy depicted in vedic texts	The Centre for Environmental Philosophy Depicted in Vedic Texts is a unique academic and research institution that focuses on the exploration of environmental thought and sustainability as reflected in the ancient Vedic scriptures.	Rooted in the rich spiritual and philosophical traditions of the Vedas, this center seeks to examine how these ancient texts address the relationship between humans, nature, and the cosmos, offering insights that are highly relevant to modern environmental challenges.	1	200,000	200,000	200	Offers historical, cultural ,ethical, and practical insights, values spiritual and religious communities	New Addition
23	Linking research with industry in Digital ways	Engage faculties in OBE-based curriculum designing	Conduct of workshops and training programmes	1	800,000	800,000	238	Update the curriculum to ensure its alignment with current industry needs and emerging trends	Deleted
24	Counsellin g and Coaching programme s	Engage faculties in OBE-based curriculum designing	Conduct of workshop s and training programmes	1	1,400,000	1,400,000	238	Update the curriculum to ensure its alignment with current industry needs and emerging trends	Deleted
25	Centre for Dalit and Adivasi Discourse	The Centre for Dalit and Adivasi Studies is a dedicated academic and research institution focused on the social, cultural, and political issues concerning Dalit and Adivasi communities in India.	The center aims to provide a platform for in-depth analysis, critical discourse, and advocacy for the rights and empowerment of marginalized groups, particularly Dalits (historically referred to as "untouchables") and Adivasis (indigenous communities). purchase of books- 2500000	1	2,700,000	2,700,000	200	Addresses historical injustices, promotes social justice,empowers marginalized communities,raises awareness and contributes to academic research and policy advocacy	New Addition
26	Translating Regional Expression in to Hindi:The case of old Malayalam Medical texts on snake bite treatment	The Centre for Translating Regional Expression into Hindi is an academic and research institution dedicated to translating and preserving regional knowledge, particularly in the	One of the significant initiatives of the center is the translation of old Malayalam texts on traditional snake bite treatment into Hindi. These ancient texts, passed down through generations, contain valuable indigenous knowledge on the treatment of snake	1	1,200,000	1,200,000	200	Scientific documentation preservation,protection of the medicinal plants used for snake bite treatment	New Addition

S.No	Activity	Purpose	Details	Unit	Cost per Unit	Total Cost	Target No of	Expected Outcome	Status
26	Translating Regional Expression in to Hindi:The case of old Malayalam Medical texts on snake bite treatment	form of traditional texts, into Hindi.	bites, which is often overlooked in mainstream medical practices. By translating these texts, the center hopes to preserve the rich heritage of Malayalam medical traditions books annd journals-1000000	1	1,200,000	1,200,000	200	Scientific documentation preservation,protection of the medicinal plants used for snake bite treatment	New Addition
27	Centre for Diaspora studies-Political science	Convert research to products	For research purpose 1.conference/seminars-rate-1400000 2.department journal-rate-300000 3.publication- rate-125000 4. field study- 155000 5.miscallaneous-100000	1	2,080,000	2,080,000	200	Educational initiatives that cater to the needs of Diaspora popukation	New Addition
28	OBE Faculty Training Initiative	Engage faculties in OBE-based curriculum designing	Conduct of workshops and training programmes		720,000	720,000	238	Update the curriculum to ensure its alignment with current industry needs and emerging trends	Deleted
29	Centre for Translation studies-Hindi	The Center for Translation Studies in Hindi is an academic and research centre focused on promoting and advancing the field of translation studies, specifically within the context of the Hindi &&&& other regional languages.	Its primary objective is to explore the theory, practice, and significance of translation as a bridge for intercultural communication, linguistic exchange, and literary dialogue. purchase of books and journals- 1800000	1	2,200,000	2,200,000	200	bridging linguistic and cultural gaps, preserving language and culture, facilitating communication, promoting knowledge exchange	New Addition
30	Lifelong Learning for Faculty	Develop academic and research enrichment	Engage invited talks from emeritus and visiting professors across India	1	4,000,000	4,000,000	238	Encourage Faculty to participate in Conferences, Workshops, Seminars and Training programmes	Deleted
31	Recognition and Incentives	Encourage teaching faculties	Distribution of awards and certificate s to encourage faculties	1	10,000,000	10,000,000	238	Teaching/ students awards or promotions	Deleted
32	E-content Development (OBE	Engage faculties in OBE-based curriculum designing	Conduct of workshops and training programmes	1	1,200,000	1,200,000	238	Update the curriculum to ensure its alignment with current industry needs and emerging trends	Deleted
33	Curriculum Revision (OBE)	Engage faculties in OBE-based curriculum designing	Conduct of workshop s and training programmes	1	4,635,000	4,635,000	238	Update the curriculum to ensure its alignment with current industry needs and emerging trends	Deleted
34	Strengthening Industry Institutional Linkage-Statistics	Centre for Industrial collaboration	Skill development through strengthening of Industry	1	300,000	300,000	238	Enhances the quality of education,fosters practical skill development, supports research and innovation ,improves student's career prospects	New Addition
35	Online Course Developme nt on OBE	Engage faculties in OBE-based curriculum designing	Conduct of workshops and training programmes	1	4,000,000	4,000,000	238	Update the curriculum to ensure its alignment with current industry needs and emerging trends	Deleted
36	Conducting short term courses for local and marginalised communities	To empower differently abled students from various teaching departments	Upliftment of students from different communities and empowerment	1	300,000	300,000	200	Social justice,equal oppurtunity,upliftment of students from socio economically backward background	New Addition
37	Centre for Enterpreneurship and Leadership Centre	To train various students who are especially from socioeconomically backward session	Training in entreprenurship may facilitate the student's oppurtinities in business field	1	2,102,000	2,102,000	200	To train various studens who are especially from socio economically backward session	New Addition
38	Industry Linkage Programme	To initiate an Industrial Linkage programme in collaboration with Kudumbasree units in Thrissur district for Post graduation and faculty members	facilitates the interaction with common people	1	1,250,000	1,250,000	200	facilitate and support the students with internship/joint research oppurtinities at micro and small-scale industrial enterprises registered under Kudumbasree units in Thrissur districts	New Addition

Whether Institution have Course proposed to be added

Yes

Proposed Course													
S.No	Department	Level	Programme	Course	Duration		Year-wise Enrolment					Whether course approved by UGC	Whether sufficient faculty
					Year	Month	I	II	III	IV	V		
1	Department of Physics	Integrated	Integrated M.Sc.- Integrated Master of Science	Integrated Radiological Physics	5	0	15	15	15	15	15	Yes	No