Table No. 6.2.4.1: List of consultancy projects received from external agencies.

S.N.	PI name	Co-PI names	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)	Amount received (Rs.) (2024-25)	Amount received (Rs.) (2023-24)	Amount received (Rs.) (2022-23)
1	Dr. Manuj Darbari	Mr. Satish Singh Verma	Department of Computer Science & Engineering	Inventory Management System	Viraj Construction	12 Months	9.44	9,44,000	-	-
2	Dr. Manuj Darbari	Mr. Satish Singh Verma	Department of Computer Science & Engineering	Inventory Management System	Viraj Construction	12 Months	8.26	-	8,26,000	-
3	Dr. Manuj Darbari	Mr. Satish Singh Verma	Department of Computer Science & Engineering	Inventory Management System	Viraj Construction	12 Months	7.08	-	-	7,08,000
						Total amount (Lacs) received for the past 3 years	24.78	9.44	8.26	7.08

Note*:

- Only consultancy projects will be considered. Infrastructure-based projects will not be considered here.

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MEMORANDUM OF UNDERSTANDING (MOU)

For Software Development and IT Consultancy Services

Project: Inventory Management System

This Memorandum of Understanding (MOU) is made and entered into on this 16 August 2022, between:

PARTY 1:

Department of Computer Science and Engineering, Babu Banarasi Das Institute of Technology and Management (BBDITM), Lucknow, Uttar Pradesh, 226028, hereinafter referred to as the "Consultancy Service Provider", acting through its duly authorized institutional representative.

AND

PARTY 2:

Viraj Construction Private Limited, located at Viraj Corporate Towers, Vibhuti Khand, Shaheed Path, Gomti Nagar, Lucknow, Uttar Pradesh, 226010, hereinafter referred to as the "Client", acting through its authorized representative.

Both parties agree to collaborate for providing software development and IT consultancy services for the design, development, implementation, and deployment of a customized Inventory Management System for Viraj Construction Private Limited under the following terms and conditions.

1. Objective of the MOU

The objective of this MOU is to establish a professional consultancy engagement between BBDITM and Viraj Construction Private Limited for the development and implementation of a customized Inventory Management System to facilitate inventory tracking, stock management, material transactions, reporting, and other related business operations.

2. Scope of Consultancy Services

The Department of Computer Science and Engineering, BBDITM, shall undertake requirement analysis, system design, software development, customization, database development, testing, deployment, and initial user orientation as per the mutually approved project requirements. The detailed modules and functionalities shall be finalized in consultation with the Client.

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3. Project Coordination and Client Responsibilities

Viraj Construction Private Limited shall provide the necessary business requirements, operational information, data formats, feedback, and coordination required for effective execution of the project. Both parties shall nominate authorized coordinators for communication, progress monitoring, and approval of project deliverables.

4. Project Development and Implementation

BBDITM shall make reasonable efforts to complete the development and implementation within the mutually agreed timeline. Any revision in project requirements, delayed approvals, or external dependencies may result in a corresponding revision of the project schedule.

5. Testing and Acceptance

The developed system shall be presented to Viraj Construction Private Limited for testing and validation. Functional discrepancies identified against the originally approved requirements shall be addressed before final acceptance and deployment.

6. Consultancy Fees and Payment Terms

The consultancy fee shall be payable by Viraj Construction Private Limited to BBDITM as per the mutually agreed payment schedule. Payments shall be made in accordance with the invoices raised by the authorized institution and through the designated institutional bank account. The payment schedule, due dates, and applicable terms shall be mutually finalized and documented in the approved project proposal. All payments shall be subject to applicable statutory taxes and deductions as per prevailing government regulations.

7. Three-Year Consultancy and Maintenance Support

The overall consultancy engagement shall remain valid for a period of three (3) years from the date of commencement of the project. During the first year, BBDITM shall undertake complete software development, customization, testing, implementation, deployment, bug fixing, technical support, and maintenance of the Inventory Management System within the originally approved scope of work, without any additional maintenance charges.

During the second and third years, BBDITM shall continue to provide maintenance and technical support services, including bug fixing, resolution of functional issues, routine software updates, database maintenance, system monitoring, and necessary technical assistance to ensure the smooth functioning of the deployed system. Any new modules, additional functionalities, major enhancements, or modifications beyond the originally approved scope shall be treated as additional consultancy/development work and may attract mutually agreed charges. Any applicable AMC or additional service charges for the second and third years shall be governed by the mutually agreed financial terms and institutional consultancy policy.

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8. Additional Development and Enhancements

Any new modules, additional functionalities, major modifications, customization, third-party integrations, technology upgrades, or changes beyond routine maintenance and the originally approved project scope requested during the second or third year shall be treated as additional consultancy/development work. Such requirements shall be assessed separately by BBDITM, and the applicable professional charges, implementation timeline, and scope of work shall be communicated to Viraj Construction Private Limited for approval before execution.

9. Renewal and Continuity of Services

Continuation of consultancy and maintenance services during the second and third years shall be subject to timely payment of applicable AMC charges and mutual compliance with the agreed terms and conditions. Any further extension beyond the initial three-year engagement shall require a separate written agreement between both parties.

10. Infrastructure and Third-Party Expenses

Expenses related to domain registration, hosting, cloud infrastructure, server facilities, SSL certificates, third-party APIs, SMS gateways, software licenses, and other external services shall be borne separately by the Client unless specifically included in the approved project proposal.

11. Confidentiality and Data Protection

Both parties shall maintain confidentiality regarding all business information, operational records, technical information, and data exchanged during the consultancy engagement. All business and inventory-related data of Viraj Construction Private Limited shall remain its property. BBDITM shall ensure that such information is not disclosed or used for unauthorized purposes.

12. Intellectual Property and Software Ownership

The ownership, licensing rights, source code handover, database structure, technical documentation, and usage rights associated with the developed software shall be mutually agreed upon and documented in writing. Pre-existing software components, open-source libraries, frameworks, and third-party technologies shall remain subject to their respective licensing conditions.

13. Training and Knowledge Transfer

BBDITM shall provide initial user orientation and basic operational guidance to the designated personnel of Viraj Construction Private Limited. Any additional training sessions, specialized assistance, or on-site visits beyond the agreed scope may be subject to additional consultancy charges.

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14. Additional Requirements and Change Requests

Any additional functionality, customization, integration, or modification requested after approval of the original project scope shall be evaluated separately. BBDITM shall communicate the feasibility, estimated cost, and additional timeline, wherever applicable. Such work shall be undertaken only after written approval from both parties.

15. Termination

Either party may propose termination of this MOU by providing 30 days' prior written notice to the other party. In such circumstances, both parties shall coordinate the closure of pending obligations, settlement of outstanding payments, and handover of agreed deliverables, subject to the applicable intellectual property and confidentiality provisions.

16. Dispute Resolution and Jurisdiction

Any dispute arising out of this MOU shall initially be resolved through mutual discussion and amicable settlement. In case the matter remains unresolved, it shall be subject to the jurisdiction of competent courts at Lucknow, Uttar Pradesh, subject to applicable law.

17. Amendment

Any amendment, extension, or modification to this MOU shall be made through mutual written consent and shall require approval of the respective authorized representatives.

IN WITNESS WHEREOF

Both parties have read, understood, and agreed to the terms and conditions of this MOU and have signed it on the date mentioned above.

SIGNATURES:

Witness 1

Witness 2

Mr. Brijesh Pandey
CGM, Marketing & Sales
Viraj Constructions, Lucknow

Dr. Shailendra Singh Chauhan
Director
BBDITM

Head of Department
Computer Science and Engineering
BBDITM

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ANNEXURE – A: PROJECT DETAILS

Particulars	Details
Project Name	Inventory Management System
Consultancy Service Provider	Department of CSE, BBDITM
Client	Viraj Construction Pvt. Ltd.
Nature of Engagement	Software Development & IT Consultancy
Project Modules	As per approved requirements
Initial Consultancy Fee	As per approved proposal
Year 1	Development, deployment and initial support
Year 2	AMC and technical maintenance
Year 3	AMC and technical maintenance
Additional Development	Separately chargeable
Total Engagement Period	Three years
Hosting and Infrastructure	As mutually agreed

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1. Summary

Consultancy Project Inventory Management System

This consultancy project deals with Managing of Inventory of the entire Viraj Constructions which includes all departments of the Company.

The domain terms used in this consultancy project are all the entities relating to the Real Estate sector.

It covers all the intricacies of Porter Value Chain starting from selecting the appropriate Vendor to final delivery of the Product to various Departments of Company.

It consists of advising the Client the appropriate number of modules coming under various categories, with separate levels of abstraction depending on the profile of the user. These modules are seamlessly integrated with each other to provide excellent flow of Data and Control specifications.

The major focus about the Consultancy is to look from the end user point of view along with exhaustive intricate details about the Project.

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BABU BANARASI DAS EDUCATIONAL SOCIETY
Registered Office: 55, Babu Banarasi Das Nagar (Purana Quila), Lucknow (U.P.) - 226001, India
Institute Address: Sector I, Dr. Akhilesh Das Nagar, Faizabad Road, Lucknow (U.P.) - 226028, India

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Vision of the Department

"To produce globally competent professionals having social values and commitment to serve the global needs with the ability to work in an interdisciplinary environment."

Mission of the Department

- To impart quality education to enhance ethical, professional and leadership qualities to make them globally competitive.
- To create a conducive environment in which students can explore computational problems, analyze them and identify their optimal solutions.
- To strive for continual enhancement of technical knowledge & innovation through industry interface to accomplish global needs.

2. Consultancy Project (2024-25)

2.1 Project Summary

Consultancy work During August 2024-July 2025

S. No.	Faculty ID	Name of Faculty	Project Title	Funding Agency	Amount (INR)	Duration (In Months)
1	210079	Dr. Manuj Darbari	Inventory Management System	Viraj Construction	9,44,000	12
2	2312	Mr. Satish Singh Verma				

Head of Department
Computer Science and Engineering
BBDITM

BABU BANARASI DAS EDUCATIONAL SOCIETY
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Institute Address: Sector I, Dr. Akhilesh Das Nagar, Faizabad Road, Lucknow (U.P.) - 226028, India

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3. Consultancy Project (2023-24)

3.1 Project Summary

Consultancy work During August 2023-July 2024

S. No.	Faculty ID	Name of Faculty	Project Title	Funding Agency	Amount (INR)	Duration (In Months)
1	210079	Dr. Manuj Darbari	Inventory Management System	Viraj Construction	8,32,000	12
2	2312	Mr. Satish Singh Verma				

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Babu Banarasi Das Institute of Technology & Management, Lucknow

Department of Information Technology Computer Lab-01 (DS Lab)

Room No. 314 — **Date- 22/08/2024**

S.no	M/c	CPU	Operating system	RAM	SSD	HDD	TFT	Key board	Mouse	Status	Remark
1	BBDITM/314/ IT/SYS 1	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
2	BBDITM/314/ IT/SYS 2	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
3	BBDITM/314/ IT/SYS 3	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
4	BBDITM/314/ IT/SYS 4	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
5	BBDITM/314/ IT/SYS 5	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
6	BBDITM/314/ IT/SYS 6	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
7	BBDITM/314/ IT/SYS 7	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
8	BBDITM/314/ IT/SYS 8	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
9	BBDITM/314/ IT/SYS 9	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
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11	BBDITM/314/ IT/SYS 11	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
12	BBDITM/314/ IT/SYS 12	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
13	BBDITM/314/ IT/SYS 13	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
14	BBDITM/314/ IT/SYS 14	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
15	BBDITM/314/ IT/SYS 15	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	

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16	BBDITM/314/ IT/SYS 16	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
17	BBDITM/314/ IT/SYS 17	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
18	BBDITM/314/ IT/SYS 18	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
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30	BBDITM/314/ IT/SYS 30	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	
31	BBDITM/314/ IT/SYS 31	HP Intel® Core™ i7 11th generation	Windows 11 with License	8GB	256 GB	1TB	1	1	1	OK	

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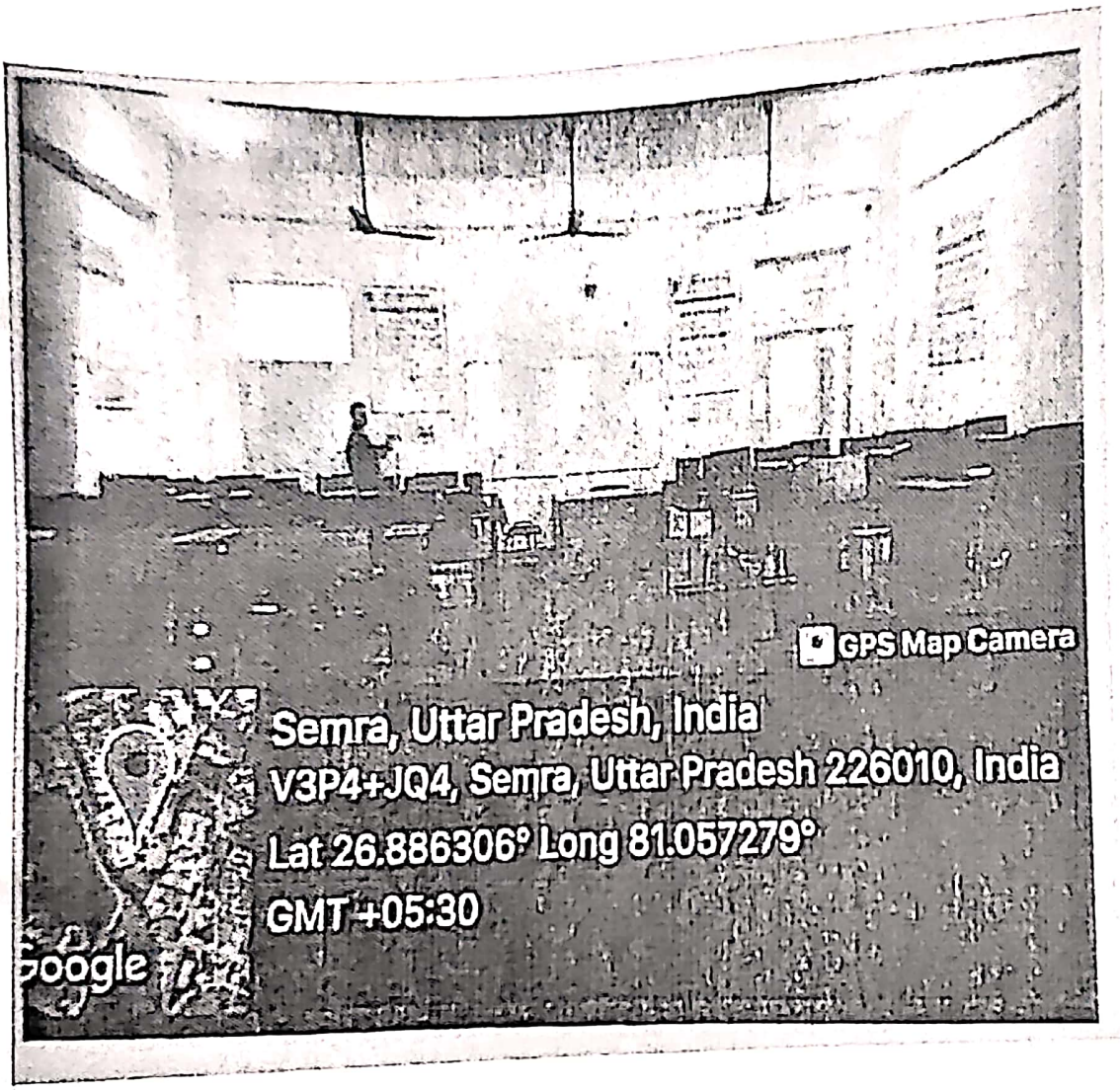
5.2 List of software available

S. No.	Software Name	Domain
1.	Anaconda with Python (IDE)	Python language learning
2.	R (R-CLI & R Studio)	Data Analytics
3.	OpenCV	Image Processing
4.	NS3, NS2	Networking
5.	Arduino IDE	IOT
6.	MySQL	DBMS
7.	Turbo C/C++	C / C++ Programming

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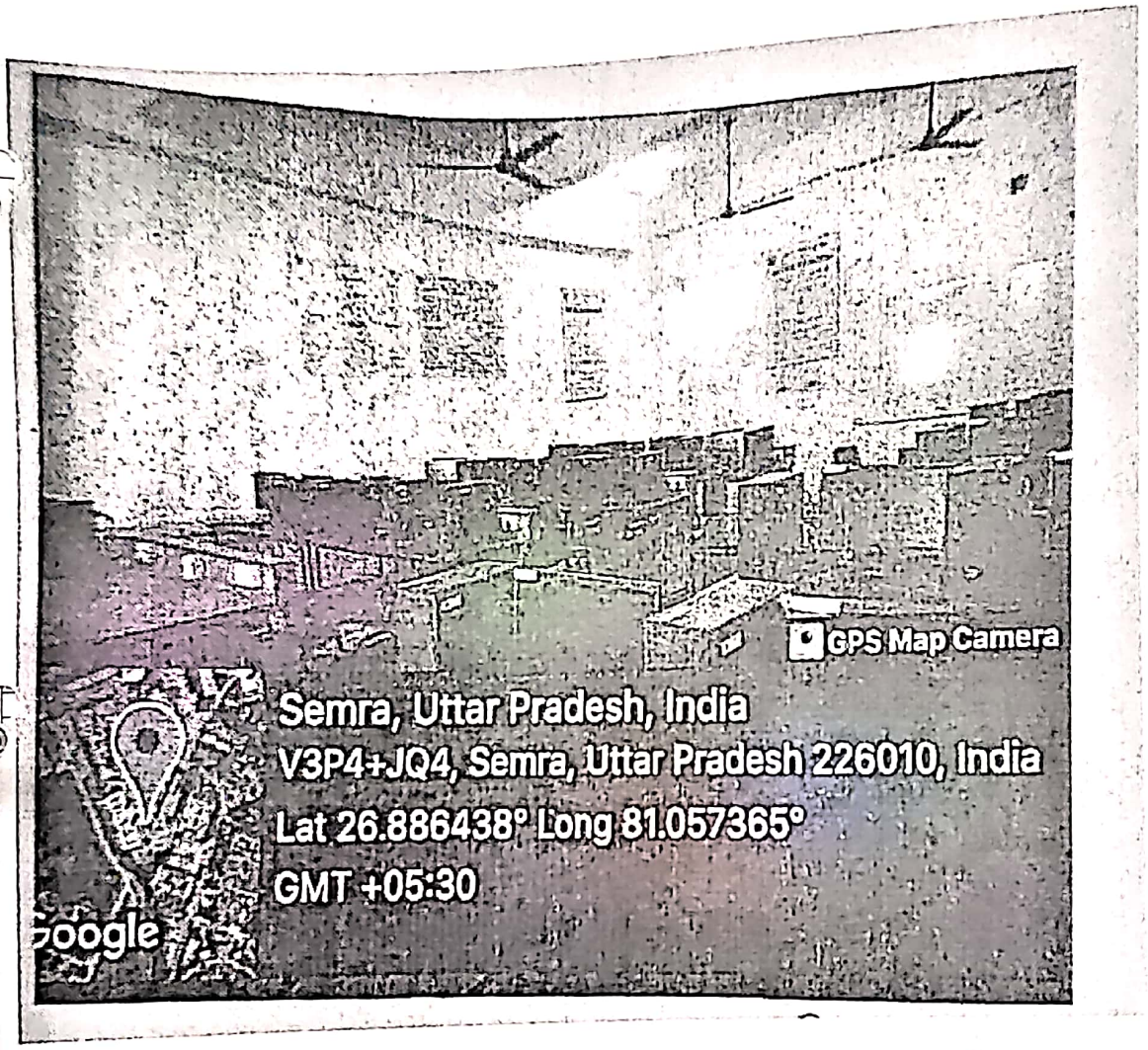
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