VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

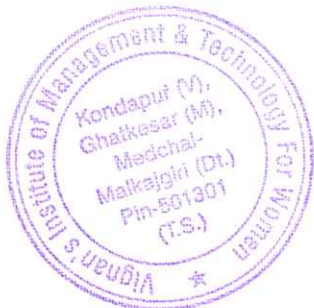[Sponsored by Lavu Educational Society]

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.)

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

Accredited by

NBA

NATIONAL BOARD of ACCREDITATION

CSE & ECE

3.1.2 List of Grants received from Government and non-governmental agencies for research projects / endowments in the institute for Academic Year 2023-24

S.NO	Name of the Research Projects/ Endowments	Name of the Principal Investigator/Co-Investigator	Department of Principal Investigator	Name of the Funding Agency
1	Food Spoilage Detection System	Dr.D.Shanthi	AIML	ALGOLEAP
2	Bitcoin Price Prediction Using LSTM	Dr.D.Shanthi	AIML	SmartBridge
3	AI Powered Traffic Signal Controller	Dr.Masthan Basha Shaik & Mr. G. Ganesh Reddy	ECE	Deeksha Technologies
4	Autonomous Delivered ROBO in Agriculture	Dr. Vijay kumar R. Urkude & Mrs.D.Shirisha	ECE	Elegant Embedded Solutions Pvt. Ltd
5	Predicting Building Fitness Ranks Using a Hybrid Evaluation Method on Earthquake Damage Data	Dr.M.Vishnu Vardhana Rao	CSE	Brain-O- vision Pvt. Ltd
6	An Efficient Outlier Detection in High Dimensional Data with Ridge Regression	Dr.M.Vishnu Vardhana Rao	CSE	Tag IT Consulting
7	An Effective Metaheuristic Techniques for Vehicle Routing Problem (VRP)	Dr.P.Rajendra Prasad	CSE	TECH FORT Software Services Pvt. Ltd
8	Detecting Dysgraphia in Children Through Handwriting Image Analysis Using Hybrid Machine Learning Methodology	Mrs.M.Parimala	CSE	Brain-O- vision Pvt. Ltd
9	Smart recommendation System for medicine using Intelligent NLP	Dr.B.Phijik	IT	Aditi Digital Solutions

Principal
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal Malkajgiri (D)
Telangana State

Date: 10-07-2023

To,
The Head of the Department-CSE
Vignan's Institute of Management and Technology for Women,
Kondapur (v), Medchal-Malkajgiri(Dt),
Hyderabad, Telangana, India – 501301

Dear Sir/Madam,

SUB: Acknowledging the Project Work-Reg.

We would like to express our sincere thanks for accepting our project work Project title **"An Effective Metaheuristic Techniques for Vehicle Routing Problem (VRP)"**.

In addition, acknowledging you to proceed with the project. We, once again, would like to express our gratitude for association with the project application and undertaking the same.

Thanking you

Yours Sincerely
TECH FORT Software Services Pvt. Ltd,
Sa Society,Khanamet,Madhapur,
Hyderabad-500081.

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.),
Telangana State

VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

NBA
CSE & ECE

Date: 14/08/2023

To,

The Manager,

TECH FORT Software Services Pvt. Ltd,

Sa Society,Khanamet,

Madhapur,

Hyderabad-500081.

Dear Sir/Madam,

Sub: Project Cost Estimation for Implementing the Project –Reg.

1. We thankfully acknowledge your enquiry and I wish to inform you that our faculty from our institution would handle the assignment.

2. As decided in the meeting at your organization on 03/07/2023 the project estimate is Rs.50,000/-.

3. Please find below project Milestones for implementing the system. It would take around 1-year to complete the project.

    a. Preliminary study of the system: 2-Weeks from the starting date of the assignment

    b. Designing of the system

    c. Implementation of manual and wrapping the assignment

    d. Training the people.

4. Kindly let us know the feasibility of the above plan for you to get started with the work. I shall give you a confirmation call for finalizing the dates of delivery.

        Best Regards,

Yours Sincerely

Head of the Department-CSE

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D)
Telangana State

TECH FORT
SOFTWARE SERVICES PVT LTD

Date: 16/08/2023

To

The Head of the Department-CSE
Vignan's Institute of Management and Technology for Women,
Kondapur (v), Medchal- Malkajgiri (Dt),
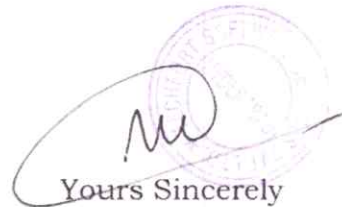Hyderabad, Telangana, India – 501301

Respected Sir,

Ref: Budget Proposal - VMTW/CSE/2023 dated on 14-08-2023

      The company has received the budget proposed for implementing the project work titled"**An Effective Metaheuristic Techniques for Vehicle Routing Problem (VRP)**". The Budget has provided necessary cost elements associated with the project.

Herewith, the company acknowledges the total approximate budget cost of Rs.50, 000 /- stated by the institution for the completion of project work.

Thanking you.

Yours Sincerely
TECH FORT Software Services Pvt. Ltd,
Sa Society,Khanamet,Madhapur,
Hyderabad-500081.

PRINCIPAL
Vignan's Institute of Management & Technology For
Kondapur (V), Ghatkesar (M), Medchal-Malkaji
Telangana State

VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3
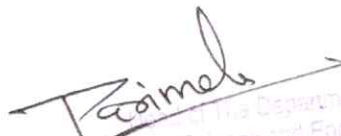
BUDGET STATEMENT

Date: 18-09-2023

Project on "**An Effective Metaheuristic Techniques for Vehicle Routing Problem (VRP)**" during 2023-24

Name of the Department	CSE
Name of the Client	TECH FORT Software Services Pvt. Ltd
Value of the Consultancy amount	Rs.50,000/-

Details of esteemed expenditure:

Description	Amount
Required Software and hardware	Rs.20.000
Service and Utilities	Rs.5,000
Travel	Rs.10,000
Salaries and Wages	Rs.15,000
Total	**Rs.50,000**

Head of the Department-CSE

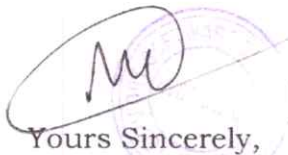**Principal**

Date: 18-10-2023

To,

The Head of the Department,

Vignan's Institute of Management and Technology for Women,

Kondapur (v), Medchal-Malkajgiri(D)

Hyderabad, Telangana, India – 501301

Dear Sir/Madam,

Sub: Sanctioning the Amount for the Project Work- Reg

The organization is happy to inform you that the proposal submitted by the Department of Computer Science and Engineering under the work title .
"An Effective Metaheuristic Techniques for Vehicle Routing Problem (VRP)" has been approved. With reference to the discussion, we are pleased to sanction a sum of Rs.50,000/- towards the expenditure of the project.

Thanking you

Yours Sincerely,

TECH FORT Software Services Pvt. Ltd,

Sa Society,Khanamet,Madhapur,

Hyderabad-50081

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)
Telangana State

INVOICE

Vignan's Institute of Management and Technology for Women, Kondapur (v), Medchal-Malkajgiri (D) Hyderabad, Telangana, India – 501301	Invoice No: VMTW/CSE/2023-24/01
TECH FORT Software Services Pvt. Ltd,Sa Society,Khanamet,Madhapur,500081 Hyderabad-500081Shilpa Hills, Hitex,	Date: 11/12/2023

Sl. No.	Activity Description	Amount(Rs.)
1.	Project "**An Effective Metaheuristic Techniques for Vehicle Routing Problem (VRP)**"	50,000

Payment Details	Sub Total	50,000
(Rupees in words)	TOTAL	50,000
Fifty Thousand rupees only		
	Signature	

VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

NBA
CSE & ECE

COMPLETION PROJECT STATEMENT

Date: 20-12-2023

To

TECH FORT Software Services Pvt. Ltd,

Sa Society,Khanamet,Madhapur,

Hyderabad-500081

Dear Sir/Madam,

Sub: Completion of the project Work-Reg.

I am pleased to inform you that I have successfully completed the phase I the consultancy project titled: **"An Effective Metaheuristic Techniques for Vehicle Routing Problem (VRP)"** during 2023-2024

Principal Investigator:

Dr.P.Rajendra Prasad

Assoc Professor in CSE Dept.

Best Regards,

Yours Sincerely,

Head of the Department-CSE.

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301
Telangana State

TECH FORT
SOFTWARE SERVICES PVT LTD

To,

The Head of the Department,

Department of Computer Science and Engineering,

Vignan's Institute of management and Technology for women

Kondapur (v), Malkajgiri-Medchal (Dt)

Hyderabad, Telangana, India – 501301.

Ref: 1. Invoice number- VMTW/CSE/2023-24/01 dated on 11/12/2023.

Ref: 2. Project cost estimation dated on 14-8-2023.

Dear Sir,

As per the references mentioned above for the Project work undertaken by you, the following amounts have been transferred to you.

S.No	Cheque No/Ref.No/Transaction Id	Cheque Date	Amount (Rs.)

Yours Sincerely,

TECH FORT Software Services Pvt. Ltd,

Sa Society,Khanamet,Madhapur,

Hyderabad-500081.

PRINCIPAL
Vignan's Institute of Management & Technology
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)
Telangana State

BRAINO VISION

Date: 05.6.2023

To
The HOD-CSE,
Vignan's Institute of Management and Technology for Women,
Kondapur (v), Ghatkesar (M), Malkajgiri-Medchal (Dt)
Hyderabad, Telangana – 501301

Respected Sir,

SUB: Request to assist the project-Reg.

It is here by informed that our company looking for expertise in the area of estimate, predicting and analysis of civil infrastructure. This proposal letter outlines the said project's details, which have great potential, and benefits in the long term. We are looking for the best support from your side positively by the month of June 2023, on these mentioned projects below, and we are attaching a project abstract along with the troubles with this letter.

PROJECT TITLE

"Detecting Dysgraphia in Children Through Handwriting Image Analysis Using Hybrid Machine Learning Methodology."

We hope that you will consider our request, revise this project and allocate suitable experienced faculty to complete the project on time.

Please send us confirmation for carrying out the project.

Best Regards,

Yours Sincerely
Brain-O- Vision Pvt. Ltd,
Mohan's Elite, Iˢᵗfloor,
Madhapur, Khanamet,
Hyderabad, Telangana 500081.

Date: 12.6.2023

To,
The Manager,
Brain-O- Vision Pvt. Ltd,
Mohan's Elite, Istfloor,
Madhapur, Khanamet,
Hyderabad, Telangana 500081.

Dear Sir,

SUB: Acceptance of Project Proposal-Reg.

On behalf of Vignan's Institute of management and Technology for women, our management has accepted your project proposal request for developing project through our faculty.

PROJECT TITLE

" Detecting Dysgraphia in Children Through Handwriting Image Analysis Using Hybrid Machine Learning Methodology ".

We feel that your proposal for a problem statement can be taken up with our faculty **Mrs.M.Parimala**, expert in estimating the status of the building. We believe that this proposal can be completed within the desired duration as mentioned by you. Hence, we wish to accept your proposal.

Principal Investigator:

Mrs. M. Parimala

Best Regards,

Yours Sincerely

HOD-CSE

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkaj...
Telangana State

BRAINO VISION

To,

The Head of the Department,

Vignan's Institute of Management and Technology for Women,

Kondapur (v), Medchal-Malkajgiri(Dt),

Hyderabad, Telangana, India – 501301.

Dear Sir,

SUB:Acknowledging the Project Work-Reg.

We would like to express our sincere thanks for accepting our project work Project title " **Detecting Dysgraphia in Children Through Handwriting Image Analysis Using Hybrid Machine Learning Methodology** " and acknowledging you to proceed with the project. We, once again, would like to express our gratitude for association with the project application and undertaking the same.

Thanking you

Best Regards,

Yours Sincerely

Mr.D.GANESH

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-5:
Telangana State

VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

[Sponsored by Lavu Educational Society]

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.)

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

Accredited by

NBA

CSE & ECE

Date: 14/6/2023

To,
The Manager,
Brain-O-Vision Pvt.Ltd,
Mohan's Elite, I·floor,
Madhapur, Khanamet,
Hyderabad, Telangana 500081.

Dear Sir/Madam,

Sub: Project Cost Estimation for Implementing the Project – Reg.

1. We thankfully acknowledge your enquiry and I wish to inform you that our faculty from our institution would handle the assignment.

2. As decided in the meeting at your organization on 12/6/2023 the project estimate is Rs.50, 000/-.

3. Please find below project Milestones for implementing the system.

    a. Preliminary study of the system: W(Week)2 from the starting date of the assignment

    b. Designing of SBAR courseware: W8 to W 52

    c. Implementation of SBAR manual and wrapping the assignment: W53 to W 92

    d. Training the people: W93 to W 98, any two days of customer choice

4. Kindly let us know the feasibility of the above plan for you to get started with the work. I shall give you a confirmation call for finalizing the dates of delivery.

Yours Sincerely

HOD- CSE

PRINCIPAL

Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri
Telangana State

BRAINO VISION

To,
The Head of the Department,
Department of Computer Science and Engineering,
Vignan's Institute Of Management And Technology For Women,
Kondapur(V), Ghatkesar (M), Malkajgiri-Medchal (Dt),
Hyderabad, Telangana, India – 501301
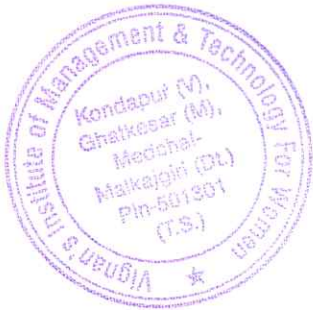
Respected Sir,

Ref: Budget Proposal - VMTW/CSE/2023 dated on 14-6-2023

The company has received the budget proposed for implementing the
project work titled "**Detecting Dysgraphia in Children Through Handwriting Image
Analysis Using Hybrid Machine Learning Methodology**". The Budget has provided
necessary cost elements associated with the project. Herewith, the
company acknowledges the total approximate budget cost of Rs.50,000
/- stated by the institution for the completion of project work.

Thanking you.

Yours Sincerely
Manager

Mr. D. GANESH

PRINCIPAL
Vignan's Institute of Management & Technology
Kondapur (V), Ghatkesar (M), Medchal Mal

VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN
[Sponsored by Lavu Educational Society]
(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.)
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

Accredited by

NBA

CSE & ECE

Date: 17-6-2023

BUDGET STATEMENT

Project on " **Detecting Dysgraphia in Children Through Handwriting Image Analysis Using Hybrid Machine Learning Methodology** " during 2023-24

Name of the Department	CSE
Name of the Client	Braun O Vision.
Value of the Consultancy amount	Rs. 50,000/-

Details of esteemed expenditure:

Description	Amount
Required Software and hardware	Rs.10,000
Service and Utilities	Rs.18,000
Travel	Rs.2,000
Salaries and Wages	Rs.20,000
Total	**Rs.50,000**

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri ,
Telangana State

BRAINO VISION

To,
The Head of the Department,
Vignan's Institute of Management and Technology for Women,
Kondapur (v), Medchal-Malkajgiri(Dt)
Hyderabad, Telangana, India – 501301

Dear Sir,

Sub: Sanctioning the Amount for the Project Work-Reg.

The organization is happy to inform you that the proposal submitted by the Department of Computer Science and Engineering under the work title " **Detecting Dysgraphia in Children Through Handwriting Image Analysis Using Hybrid Machine Learning Methodology.** " has been approved.With reference to the discussion, we are pleased to sanction a sum of Rs.50,000/- towards the expenditure of the project.

Thanking you

Yours Sincerely
Manager

Mr. D. GANESH

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.,
Telangana State

VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

[Sponsored by Lavu Educational Society]

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.)

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

Accredited by

NBA

CSE & ECE

INVOICE

Vignan's Institute of Management and Technology for Women, Kondapur (v), Medchal-Malkajgiri (D) Hyderabad, Telangana, India – 501301	Invoice No: VMTW/CSE/2023-24/02

Brain-O-Vision Pvt.Ltd., Mohan's Elite, I floor, Madhapur, Khanamet, Hyderabad, Telangana 500081.	Date: 19/6/2023

Sl. No.	Activity Description	Amount(Rs.)
1.	" Detecting Dysgraphia in Children Through Handwriting Image Analysis Using Hybrid Machine Learning Methodology "	50,000

Payment Details		
	Sub Total	50,000
(Rupees in words)	TOTAL	50.000
Fifty thousand	Signature	

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301
Telangana State

VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

[Sponsored by Lavu Educational Society]

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.)

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

Accredited by

NBA

CSE & ECE

Date:20-12-2023

COMPLETION PROJECT STATEMENT

To,

Brain-o- vision Pvt. Ltd,

LVS Arcade, Plot No. 71, Jubilee Enclave,

Hitech City, Madhapur, Hyderabad – 500081

Dear Sir,

Sub: Completion of the project Work-Reg.

I am pleased to inform you that I have successfully completed the phase I the

consultancy project titled: **" Detecting Dysgraphia in Children Through Handwriting Image**

Analysis Using Hybrid Machine Learning Methodology " during 2023-2024

Principal Investigator:

Mrs. M. Parimala

CSE Dept.

Yours Sincerely

Head of the Department, CSE

PRINCIPAL

Vignan's Institute of Management & Technology For Women

Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D),

Telangana State

BRAINO VISION

Date: 27/12/2023

To,
The Head of the Department,
Department of Computer Science and Engineering,
Vignan's Institute of management and Technology for women
Kondapur (v), Malkajgiri-Medchal (Dt)
Hyderabad, Telangana, India – 501301.

Ref: 1. Invoice number- VMTW/CSE/2023-24/02 dated on 19/6/2023.
Ref:2. Project cost estimation dated on 14-6-2023

Dear Sir,

As per the references mentioned above for the Project work undertaken by you,
the following amounts have been transferred to you.

S.No	Cheque No/Ref.No/Transaction Id	Cheque Date	Amount (Rs.)

Yours Sincerely
Manager

Mr. D. GANESH

PRINCIPAL
Vignan's Institute of Management & Technology
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri
Telangana State

VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

[Sponsored by Lavu Educational Society]

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.)

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

Accredited by

NBA

CSE & ECE

INCOME EXPENDITURE STATEMENT

Date: 29-12-2023

Project on "Detecting Dysgraphia in Children Through Handwriting Image Analysis Using Hybrid Machine Learning Methodology ".

Name of the Department: CSE

Name of the Client:

Brain-o- vision Pvt. Ltd, LVS Arcade, Plot No. 71, Jubilee Enclave, Hitech City, Madhapur, Hyderabad – 500081.

Value of the Project: Rs.50,000/-

Details of Expenditure incurred:

Description	Amount
Purchase of Software and spares	40,000
Travel	10,000
Total Rs	**50,000**

Balance amount: NIL

Head of the Department,
Computer Science & Engineering.

Principal