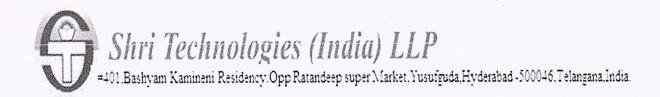
List of grants Received from Government and Non-Government agencies for research projects, endowments in the institution for the Academic year 2020-21

S.No	Name of the research project/ endowment	Name of the Principal Investigator/Co- investigator	Department of Principal Investigator	Name of the Funding Agency
1	Federated Learning for Collaborative battery Degradation Predicition and charging Optimization in EV Fleets	Mr.K. Sadanandam	ELECTRICAL AND ELECTRONICS ENGINEERING	Shri Technologies



PRINCIPAL
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174



IDEKT/CRP-1/2020-21/01

Date: 04/12/2020

To

The Head of the Department.

Department of Electrical &Electronics Engineering.

Mother Theressa College of Engineering &Technology,
P.P.colony(Po.),Peddabonkur(vill),Peddapalli(mdl&Dist),
Telangana, India-505174.

Dear Sir.

Sub: Request for acceptance of the project proposal on "Federated Learning for Collaborative battery Degradation Prediction and Charging Optimization in EV Fleets"-Reg.

It is hereby informed that our company is having requirement of expertise for project development with good technical knowledge. This proposed project has potential in the marketplace. We are hoping for the best possible support from you on the project titled below:

Project title: "Federated Learning for Collaborative battery Degradation Prediction and Charging Optimization in EV Fleets" We hope that you will consider our request and allocate suitable experienced faculty with the concerned domain to complete the project on time.

Please send us confirmation for carrying out the project.

Best Regards.

Yours Sincerely Shri Technologies Mr,Sunil Kumar



PRINCIPAL

PRINCIPAL

MOTHER THERESSA

College of Engineering & Technology

PEDDAPALLI-505 174.

Estd: 1999

JNTUH College Code: 86

## MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website: www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact: +91 9849472523, +91 9542709545, +91 9989959556.

MTCET/EEE/RP-1/2020-21/01

Date: 06/12/2020

#### From.

Mother Theressa College of Engineering & Technology, P.P.colony (Po.), Peddabonkur(vill), Peddapalli(mdl&Dist), Telangana, India-505174.

TO, IDE KALAM TECHNOLOGIES 2-4-153, 4<sup>th</sup> Floor, Above I.D.E Acadamy, Ramnagar, Hanamkonda. Telangana.506001.

Dear Sir.

Sub: Acceptance of the proposed project with title "Federated Learning for Collaborative battery Degradation Prediction and Charging Optimization in EV Fleets"
Reg

On behalf of Mother Theressa College of Engineering &Technology. I am pleased to inform you that the proposed project is accepted for solving your problem through the team of our faculty.

Project title: "Federated Learning for Collaborative battery Degradation Prediction and Charging Optimization in EV Fleets" We feel that your proposal of problem statement can be taken up with our experienced faculty members. The following faculty member has been deployed as Principal Investigator for the Project:

## Principle Investigator: Mr. K.Sadanandham

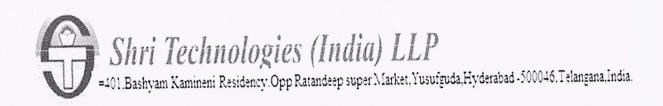
We believe that this proposal can be completed within the desired duration as mentioned by you. Hence, we wish to accept your proposal.

Copy to: Principal Office IQAC Dept File Concern Faculty

Head of the Department Electrical & Electronics Engineering MOTHER THERESSA College of Engineeing & Technology CEDDAPALLI-505 174 (T.S.)

> PRINCIPAL C MOTHET THERESSA College of Engineering & Technology PEDDAPALLI-505 174.





IDEKT/CRP-1/2020-21/02

Date: 08-12-2020

To.

The Head of the Department.

Department of Electrical & Electronics Engineering.

Mother Theressa College of Engineering & Technology,
P.P.colony(Po.),Peddabonkur(vill),Peddapalli(mdl&Dist),
Telangana,
India-505174.

Dear Sir.

Sub: Acknowledging the project work-Reg

We would like to express our sincere thanks for accepting our project work Project title:. "Federated Learning for Collaborative battery Degradation Prediction and Charging Optimization in EV Fleets" 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.

Best Regards,

Shryouschmerengies

Mrysdair Rumar



PRINCIPAL
PRINCIPAL
MOTHER THERESSA
College of Engineering & Technology
DEDDAPALLI-505 174

JNTUH College Code: 86

Date: 14-12-2020

### Estd: 1999 MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

MTCET/EEE/RP-1/2020-21/03

From.

Mother Theressa College of Engineering & Technology, P.P.colony (Po.), Peddabonkur(vill), Peddapalli(mdl&Dist), Telangana, India-505174.

To.

The Manager. IDE KALAM TECHNOLOGIES 2-4-153, 4th Floor, Above I.D.E Acadamy, Ramnagar, Hanamkonda. Telangana.506001.

Dear Sir,

Sub: Proposed estimation cost of implementation "Federated Learning for Collaborative battery Degradation Prediction and Charging Optimization in EV Fleets"-Reg.

- 1. We thankfully acknowledge your enquiry and I wish to inform you that the assignment will be handled by our faculty from our institution.
- 2. The project cost estimation will be Rs. 3,00,000
- 3. 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.

4. The budget Statement is attached with this letter.

Principal Office

**IQAC** 

Dept File

Concern Faculty

Head of the Department Electrical & Electronics Engineering MOTHER THERESSA College of Engineeing & Technology EDDAPALLI-505 174 (T.S.)

Estd: 1999

JNTUH College Code: 86

Date: 14-12-2020

# MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State. 

MTCET/EEE/RP-1/2020-21/04

## BUDGET STATEMENT

Project on "Federated Learning for Collaborative battery Degradation Prediction and Charging Optimization in EV Fleets" during 2020-21

Name of the Department Name of the Client	IDE KALAM TECHNOLOGIES 2-4-153, 4 <sup>th</sup> Floor, Above I.D.E Acadamy, Ramnagar, Hanamkonda. Telangana.506001.
Value of the Consultancy amount	Rs. 3,00,000/-

## Details of esteemed expenditure:

Description	Amount	
Required Software and hardware	Rs.2,00,000	
Service and Utilities	Rs.40,000	
Travel	Rs.,15,000	
Salaries and Wages	Rs.45,000	
Total	Rs.3,00,000	

Head of the Department

College of Engineeing & Technology = 0000 ASALLI-505 174 (T.S.)

Principal Office

**IQAC** 

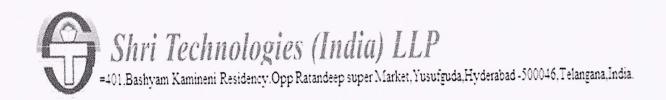
Dept file

Concern faculty

Principal

PRINCIPAL MOTHER THERESSA College of Engineering & Technolog PEDDAPALLI-505 174.

PRINCIPAL MOTHER THERESSA College of Engineering & Technology PEDDAPALLI-505 174.



IDEKT/CRP-1/2020-21/03

Date: 17-12-2020

To.

To.

The Head of the Department.

Department of Electrical & Electronics Engineering.

Mother Theressa College of Engineering & Technology,
P.P.colony(Po.),Peddabonkur(vill),Peddapalli(mdl&Dist),
Telangana,
India-505174.

Dear Sir.

Sub: Budget Proposal dated 14/12/2020, Acknowledgement.

The company has received the budget proposed for implementing the project work titled "Federated Learning for Collaborative battery Degradation Prediction and Charging Optimization in EV Fleets". The Budget has provided necessary cost elements associated with the project.

Herewith, the company acknowledges the total approximate budget of Rs. 3,00,000/-stated by the institution for the completion of project work. Hereafter the amount will be sanctioned as only after the completion of the project.

Best Regards,

Yours Sincerely
Shri technologies
Mr.Sunil Kumar



PRINCIPAL
PRINCIPAL
MOTHER THERESSA
MOTHER THERESSA
College of Engineering & Technology
College of Engineering & Total
PEDDAPALLI-505 174.

Estd: 1999

JNTUH College Code : 86

## MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State. 

### MTCET/EEE/RP-1/2020-21/04

Date: 31/12/2020

Mother Theressa College Of Engineering and Technology. Ppcolony, Peddabonkur

(village),Peddapalli(mdl&dist)

IDE KALAM TECHNOLOGIES 2-4-153.

4th Floor, Above I.D.E Acadamy, Ramnagar,

Hanamkonda. Telangana.506001. Invoice No:

MTCET/EEE/RP-1/2020-21/1/04-01

Date: 31/12/2020

S.NO	ACTIVITY DESCRIPTION	AMOUNT
1	"Federated Learning for Collaborative battery Degradation Prediction and Charging Optimization in EV Fleets"	Rs.3,00,000

Payment **Details** 

(Rupees in words)

Three Lakh Rupees only

Sub total	3,00,000	
total	3,00,000	

Head Hed EFepartment Electrical & Electronics Engineering MOTHER THERESSA College of Engineeing & Technology EDDAPALLI-505 174 (T.S.)

Copy to: Principal Office **IQAC** Dept file Concern faculty



College of Engineering & Technology PEDDAPALLI-505 174

Estd: 1999

JNTUH College Code: 86

### **MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY**

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website: www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact: +91 9849472523, +91 9542709545, +91 9989959556.

MTCET/EEE/RP-1/2020-21/05

Date: 29-05-2021

#### **COMPLETION STATEMENT**

From

Mother Theressa College of Engineering & Technology, P.P.colony (Po.), Peddabonkur(vill), Peddapalli(mdl&Dist), Telangana, India-505174.

To.

The Manager, IDE KALAM TECHNOLOGIES 2-4-153, 4<sup>th</sup> Floor, Above I.D.E Acadamy, Ramnagar, Hanamkonda. Telangana.506001.

Dear Sir.

Sub: Completion of project work-Reg

I am pleased to inform you that we have successfully completed the project titled: "Federated Learning for Collaborative battery Degradation Prediction and Charging Optimization in EV Fleets" during the 2020-2021.

Principle Investigator: Mr.K.Sadanandham

Regards

Head of the Department
Electrical & Electronics Engineering
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174 (T.S.)

Copy to:

Principal Office IQAC Dept File Concern Faculty

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MOTIVE THERESSA
THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174



5GTS/CRP-1/2020-21/01

Date: 04/12/2020

To

The Head of the Department.

Electronics and Communication Engineering

Mother Theressa College of Engineering & Technology,
P.P.colony(Po.), Peddabonkur(vill), Peddapalli(mdl&Dist),
Telangana, India-505174.

Dear Sir.

Sub: Request for acceptance of the project proposal "Optimizing Emergency Response Times: A Real – Time IoT-integrated System for Accident detection and Rescue Coordination"- Reg.

It is hereby informed that our company is having requirement of expertise for project development with good technical knowledge. This proposed project has potential in the marketplace. We are hoping for the best possible support from you on the project titled below:

Project title: "Optimizing Emergency Response Times: A Real – Time IoT-integrated System for Accident detection and Rescue Coordination".

We hope that you will consider our request and allocate suitable experienced faculty with the concerned domain to complete the project on time.

Please send us confirmation for carrying out the project.

Best Regards.

Yours Sincerely

Mr.D.Chiranjeevi



PRINCIPAL
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174

Date: 06/12/2020

# MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

MTCET/ECE/RP-1/2020-21/11/01

#### From.

Mother Theressa College of Engineering & Technology, P.P.colony (Po.), Peddabonkur(vill), Peddapalli(mdl&Dist), Telangana, India-505174.

#### To.

The Manager. 5G TECH SOLUTIONS PVT LTD Sai Krupa Nilayam, 3rd Floor, Beside Lane Bharath Petrol Pump, Habsiguda X Road, Hyderabad, Telangana 500007

Dear Sir.

Sub: Acceptance of the proposed project with title "Optimizing Emergency Response Times: A Real - Time IoT-integrated System for Accident detection and Rescue Coordination" - Reg

On behalf of Mother Theressa College of Engineering &Technology. I am pleased to inform you that the proposed project is accepted for solving your problem through the team of our faculty.

Project title: "Optimizing Emergency Response Times: A Real - Time IoT-integrated System for Accident detection and Rescue Coordination"

We feel that your proposal of problem statement can be taken up with our experienced faculty members. The following faculty member has been deployed as Principal Investigator for the Project:

Principle Investigator: Mr.B.Santhosh

We believe that this proposal can be completed within the desired duration as mentioned by you. Hence, we wish to accept your proposal.

Copy to: Principal Office **IOAC** Dept File Concern Faculty



friend of the Department Electronics & Co., marks and MO College of Englassing & Tribinology PEDDAPALLI-505 1

> MOTHER THERE College of Engineering & Technology PEDDAPALLI-505 174



5GT/CRP-2/2020-21/02

Date: 08-12-2020

To.

The Head of the Department.

Department of Electronics and Communication Engineering.

Mother Theressa College of Engineering &Technology,
P.P.colony(Po.),Peddabonkur(vill),Peddapalli(mdl&Dist),
Telangana,
India-505174.

Dear Sir,

Sub: Acknowledging the project work-Reg

We would like to express our sincere thanks for accepting our project work Project title: "Optimizing Emergency Response Times: A Real – Time IoT-integrated System for Accident detection and Rescue Coordination" 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.

Best Regards,

Yours Sincerely

Mr.D. Chiranjeevi

PP Colony (Pol) TO PP Colony (Mil) PP Colony (

MOTIFICATION & Technology
College of Engineering & Technology
PEDDAPALLI-505 174

JNTUH College Code : 86

Date: 14-12-2020

## Estd: 1999 MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

## MTCET/ECE/RP-1/2020-21/11/02

#### From.

Mother Theressa College of Engineering & Technology, P.P.colony (Po.), Peddabonkur(vill), Peddapalli(mdl&Dist), Telangana, India-505174.

#### To.

The Manager. **5G TECH SOLUTIONS PVT LTD** Sai Krupa Nilayam, 3rd Floor, Beside Lane Bharath Petrol Pump, Habsiguda X Road, Hyderabad, Telangana 500007

Sub: Proposed estimation cost of implementation "Optimizing Emergency Response Times: A Real - Time IoT-integrated System for Accident detection and Rescue Coordination"-Reg.

- 1. We thankfully acknowledge your enquiry and I wish to inform you that the assignment will be handled by our faculty from our institution.
- 2. The project cost estimation will be Rs. 1,00,000/-
- 3. 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.
- 4. The budget Statement is attached with this letter.

Principal Office **IQAC** Dept File

Concern Faculty

nead of the Department College of Engineering & Fed mology PEDDAPALLEGO TANTS

College of Engine

Estd: 1999

JNTUH College Code: 86

## MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State. 

MTCET/ECE/RP-1/2020-21/11/03

Date: 14-12-2020

### BUDGET STATEMENT

Project on "Optimizing Emergency Response Times: A Real - Time IoT-integrated System for Accident detection and Rescue Coordination" during 2020-21

Name of the Department Name of the Client	ECE 5G TECH SOLUTIONS PVT LTD, Hyderabad, Telangana.
Value of the Consultancy amount	Rs. 1,00,000/-

### Details of esteemed expenditure:

Description	Amount	
Required Software and hardware	Rs.50,000	
Service and Utilities	Rs.15,000	
Travel	Rs.10,000	
Salaries and Wages	Rs.25,000	
Total	Rs.1,00,000	

-cay Head Of The Department riead of the Department

Etagrania & Communication Engineering,
Good to: Copy to:

ColPrincipal Office a landlegy HOARAPALLI ECO 1711 S.

Dept file

Concern faculty

Principal

**PRINCIPAL** MOTHER THERESSA College of Engineering & Technology PEDDAPALLI-505 174.

College of Engineering & Technology PEDDAPALLI-505 174.



5GT/CRP-2/2020-21/03

Date: 17-12-2020

To.

To.

The Head of the Department.

Department of Electronics and Communication Engineering,.

Mother Theressa College of Engineering & Technology,
P.P.colony(Po.),Peddabonkur(vill),Peddapalli(mdl&Dist),
Telangana,
India-505174.

Dear Sir,

Sub: Budget Proposal dated 14/12/2020, Acknowledgement.

The company has received the budget proposed for implementing the project work titled "Optimizing Emergency Response Times: A Real – Time IoT-integrated System for Accident detection and Rescue Coordination"

The Budget has provided necessary cost elements associated with the project.

Herewith, the company acknowledges the total approximate budget of Rs. 1,00,000/-stated by the institution for the completion of project work. Hereafter the amount will be sanctioned as only after the completion of the project.

Best Regards,

Yours Sincerely

Mr.D.Chiranjeevi

PRINCIPAL
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174

Estd: 1999

JNTUH College Code: 86

## MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website: www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact: +91 9849472523, +91 9542709545, +91 9989959556.

MTCET/ECE/RP-1/2020-21/11/04

Date: 31/12/2020

### **INVOICE**

Mother Theressa College Of Engineering and Technology. Ppcolony,Peddabonkur (village),Peddapalli(mdl&dist)

5G TECH SOLUTIONS PVT LTD Sai Krupa Nilayam, 3rd Floor, Beside Lane Bharath Petrol Pump, Habsiguda X Road, Hyderabad, Telangana 500007 Invoice No: MTCET/ECE/RP-2/2020-21/1/04-01

Date: 31/12/2020

ACTIVITY	AMOUNT
DESCRIPTION	
Integrate plagiarism	Rs.1,00,000
detection and fairness	
assessment algorithms to	
ensure originality and	
unbiased question selection	
	DESCRIPTION Integrate plagiarism detection and fairness assessment algorithms to ensure originality and

Payment Details

(Rupees in words)

One Lakh Rupees only

Sub total	1,00,000	
total	1,00,000	

Tead of the Department
Electronic & C. Hodece Engineering,
MCCHIEL LESSA
College of Englissaning Electrology
PEDDAPALLIS (5.1711) T.S.

Copy to:
Principal Office
IQAC
Dept file
Concern faculty



PRINCIPAL
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174.

Estd: 1999

JNTUH College Code : 86

# MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State. Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

MTCET/ECE/RP-1/2020-21/11/05

Date: 29-03-2021

## COMPLETION STATEMENT

From

Mother Theressa College of Engineering & Technology, P.P.colony (Po.), Peddabonkur(vill), Peddapalli(mdl&Dist), Telangana, India-505174.

To.

The Manager, 5G TECH SOLUTIONS PVT LTD Sai Krupa Nilayam, 3rd Floor, Beside Lane Bharath Petrol Pump, Habsiguda X Road, Hyderabad, Telangana 500007.

Dear Sir.

Sub: Completion of project work-Reg

I am pleased to inform you that we have successfully completed the project titled: "Optimizing Emergency Response Times: A Real - Time IoT-integrated System for Accident detection and Rescue Coordination" during the 2020-21.

Principle Investigator: Mr.B.Santhosh

Regards riead of the Department ECEngineerii Flactronics & C. College of Engineering Cite dimology PEDDAPALLEG STATES

Copy to:

Principal Office **IQAC** Dept File Concern Faculty



College of Engineering & Technology PEDDAPALLI-505 174.