

**3.5.1 Revenue generated from consultancy and corporate training during the year (INR in lakhs)**
**2021-**
**22**

<b>Names of the teacher-consultants</b>	<b>Name of the consultancy project</b>	<b>Consulting/Sponsoring agency with contact details</b>	<b>Revenue generated (INR in lakhs)</b>
Dr. N V Ganapathi Raju Dr.Y J Nagendra Kumar	Predictive Maintenance using Remaining Useful time(RUL) with regression models For the year 2021-2022	Ample Auto Tech Pvt. Ltd. 61,Sector-3,IMT,Manesar, Gurgaon-122050 Haryana	7.8
Dr. N V Ganapathi Raju P. Gopalakrishna	Real-Time Monitoring System Using IoT Based Sensors, Big data Processing, and a Hybrid Prediction Model For The Automotive Industry, consultancy charges for literature review,Field study procuring computers. For the year 2021-2022	Ample Auto Tech Pvt. Ltd. 61,Sector-3,IMT,Manesar, Gurgaon-122050 Haryana	10.51
Dr.V.N.Rama Devi	ICAR-BMGF project	ICRISAT,Patancheru, Hyderabad, Telangana - 502324, India	1.5
Dr. V.Mallikarjuna Reddy	Third Party Quality Control Works	GHMC, Hyderabad	23.82
Dr. Madhavi & Dr. Lipika	Demand driven forecasting in supply chain management using ensemble learning Approach	Audintel India Pvt Ltd, Sanath Nagar Hyderabad	8.14
Dr.Ashlin Deepa &Dr.Chandra sekhar	Optimization of Data Storage and Retrieval in Cloud Computing For Supply Chain Management.	Audintel India Pvt Ltd, Sanath Nagar Hyderabad	11.4
Dr. S. Govinda rao & Dr.K.	Machine learning enabled predictive maintainance system for automotive industry	Ample Auto Tech Private Ltd , Haryana India	8.2
Dr. K. Madhavi & Dr. B. sankar Babu	A Predictive Model for energy management system using IoT and big data Processing	Ample Auto Tech Private Ltd , Haryana India	6.8

Dr.G.Karuna & Dr Mamidi Kiran Kumar	Efficient defective part classification system unsing Machine Learning Techniques	Ample Auto Tech Private Ltd , Haryana India	7.2
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# AMPLE AUTO TECH PRIVATE LIMITED

Manufacturer & Exporter of Steering & Suspension Parts



Dt: 14-1-2022

No.:

To,

**Principal Investigator**

**Dr N V Ganapathi Raju**

Professor and HOD, Department of Information Technology  
GokarajuRangaraju Institute of Engineering and Technology,  
Bachupally, Kukatapally, Hyderabad,  
Telangana, INDIA, PIN Code: 500 090.

Phone No. +91 7702964747

Email: [butchiraju@griet.ac.in](mailto:butchiraju@griet.ac.in)

**Co-Principal Investigator**

**Dr Y J Nagendra Kumar**

Professor, Department of IT  
Gokaraju Rangaraju Institute of Engineering and Technology,  
Bachupally, Kukatapally, Hyderabad,  
Telangana, INDIA, PIN Code: 500 090.  
Phone No: +91 8712848071  
Email: [sgovind486@griet.ac.in](mailto:sgovind486@griet.ac.in)

Kind Attn: Principal, GRIET

**Sub:** Work order for Detailed Research Project for the Following Project Entitled:

**Predictive Maintenance using Remaining Useful Time (RUL) for Manufacturing Industry**

**Ref:** Your Project Proposal dt: 15-02-2022

Dear Sir,

In line with the discussions that we had; we are pleased to confirm you our work order to carry out the research project as mentioned in subject line.

You are requested treat this letter as Letter of Acceptance (LOA) with the entrusted work as per the details stated below:

---

**Corporate Office & Unit -I:** Plot No. 61, Sector- 3, IMT Manesar, Gurgaon, Haryana, India-122050

**Telephone No.:** +91-124-2290055, +91-124-4265757

**E-mail:** [marketing@atek.in](mailto:marketing@atek.in)

**Website:** [www.atekworld.com](http://www.atekworld.com)

**CIN-** U34300DL2005PTC134947

**GSTIN** - 06AAFCA1574R1Z9

002258




**Deliverables:**

S.No	Deliverables	Duration in Months
1	Literature Study	1
2	Identify Regression Techniques and Time Series for Predictive Maintenance System	2
3	Develop Prototype Model	3
4	Deployment	3
5	Report Generation	3

We hereby accept your financial proposal of **Rs. 7,80,000** (Seven Lakhs Eighty Thousand Rupees Only). Kindly send proforma invoice and bank details for further process. Time period for the project is 1 year from LOA issue date. Terms & Conditions remain same as per MoU.

Regards

Ample Auto Tech Pvt. Ltd.

  
**Arvind Choudhary** Director  
Managing Director  
Gurgaon, Haryana



No.: ATEK/CS/03/02-2021

Dt: 01-07-2021

To,

**Principal Investigator**

**Dr. N V Ganapathi Raju,**

Professor of Information Technology

GokarajuRangaraju Institute of Engineering and Technology,

Bachupally, Kukatapally, Hyderabad,

Telangana, INDIA, PIN Code: 500 090.

Phone No. +91 9966966947

Email: [nvgraju@griet.ac.in](mailto:nvgraju@griet.ac.in)

**Co-Principal Investigator**

Dr. N. Swetha. Professor and Head

Department of Electronics and Communication Engineering

GokarajuRangaraju Institute of Engineering and Technology,

Bachupally, Kukatapally, Hyderabad,

Telangana, INDIA, PIN Code: 500 090.

Email: [hod\\_ece@griet.ac.in](mailto:hod_ece@griet.ac.in)

**Co-Principal Investigator**

Prof P Gopala Krishna

Department of Information Technology

GokarajuRangaraju Institute of Engineering and Technology,

Bachupally, Kukatapally, Hyderabad,

Telangana, INDIA, PIN Code: 500 090.

Phone No. +91 9985874404

Email: [gopalakrishna@griet.ac.in](mailto:gopalakrishna@griet.ac.in)

Kind Attn: Principal, GRIET

Sub: Work order for Detailed Engineering Consultancy Services for the Work of the Following Project:

**REAL-TIME MONITORING SYSTEM USING IOT-BASED SENSORS, BIG DATA PROCESSING, AND A HYBRID PREDICTION MODEL FOR THE AUTOMOTIVE INDUSTRY**

Ref: Your Project Proposal dt: 15.03.2021

Dear Sir,

In line with the discussions that we had, we are pleased to confirm you our work order to carry out the Engineering Services for the works mentioned under subject.

You are requested to please treat this a Letter of Acceptance (LOA) with the entrusted work as per the details stated below:

**Deliverables:**

Literature review, field study, Provide progress report to client.

We hereby accept your financial proposal of **Rs10, 51,485/-** (Ten Lakhs Fifty-One Thousand Four Hundred and Eighty-Five Rupees Only). Kindly send proforma invoice and bank details for further process. Time period for the project is 1 year from LOA issue date. Terms & Conditions remain same as per MoU.

Regards

  
Arvind Choudhary  
Managing Director  
Gurgaon, Haryana

Corporate Office & Unit -I: Plot No. 61, Sector- 3, IMT Manesar, Gurgaon, Haryana, India-122050

Telephone No.: +91-124-2290055, +91-124-4265757

E-mail: [marketing@atek.in](mailto:marketing@atek.in)

Website: [www.atekworld.com](http://www.atekworld.com)

CIN- U34300DL2005PTC134947

GSTIN - 06AAFCA1574R1Z9

001219





02 July 2021

Dr V N Rama Devi  
Flat 7, Block 9  
Kendriya Vihar  
Mayuri Nagar  
Miyapur  
Hyderabad

Dear Dr Rama Devi,

**Subject: Contract for Consultancy Assignment**

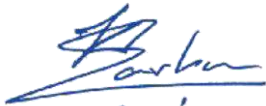
ICRISAT wishes to utilize your services as Consultant-Data Curation from 05 July 2021 to 05 January 2022, on the following terms and conditions:

1. **Work Plan:** As per the Terms of Reference enclosed as *Annexure I*.
2. **Supervisor(s):** During the period of this assignment, you will report to Dr Abhishek Rathore, Theme Leader and Principal Scientist, until advised differently in writing.
3. **Program:** Statistics, Bio-Informatics & Data Management, Deputy Director General-Research Office.
4. **Location:** Patancheru, Hyderabad.
5. **Assignment Fee:** ICRISAT will pay you an Assignment Fee of INR 25,000/- (Rupees Twenty Five Thousand only) per month, inclusive of all applicable taxes.
6. **Income Tax:** Income Tax will be deducted on assignment fees as per the applicable tax laws. You will be solely responsible for submission of tax returns and any other documents to the tax authorities, on all income resulting from this assignment.
7. **Insurance:** You will be provided Personal Accident insurance coverage, as per applicable Institute policy, for the period of this assignment.
8. **Notice Period:** This assignment can be terminated by either party (ICRISAT or Consultant), with an advance written notice of fifteen days.
9. **Obligations:**
  - 9.1. You shall perform the services and carry out your obligations hereunder with all due diligence, efficiency, and economy, in accordance with generally accepted professional techniques and practices, and shall observe sound management practices, and employ appropriate advanced technology and safe methods. You shall always, act in respect of any matter relating to this assignment or to the services, as a faithful advisor to ICRISAT, and shall at all times support and safeguard ICRISAT's interests in any dealings with third parties.

- 9.2. To maintain operational freedom on its research outputs and discoveries, ICRISAT needs to formally claim Intellectual Property Rights (IPR) protection on selected products and processes developed or discovered by its Project Members. Such IPR protection requires a degree of confidentiality and related IPR management practices. It is in this context, we request you to sign the enclosed Ownership and Use of Confidentiality Information Agreement, and return to ICRISAT along with a signed copy of the Consultancy Assignment letter.
- 9.3. You are not empowered to commit ICRISAT either expressly or by implication to any future course of action or liabilities financial, legal or otherwise.
- 9.4. You will be subject to the lines of authority, policy, procedures, budgetary controls and norms of behavior of ICRISAT during the period of assignment.
- 9.5. In performing the obligations, duties, and responsibilities of this assignment, you will be responsible for complying with all applicable Institutional requirements, laws, rules and regulations of the Host Country (ies) in which you perform the work for ICRISAT.
- 9.6. You will be a Consultant to ICRISAT for the agreed term of this assignment. You will not be an ICRISAT staff member and therefore will not be subject to ICRISAT Personnel Policy or associated benefits given to staff. You shall avoid any action, in particular any kind of public pronouncement that may adversely reflect on the integrity, independence and impartiality that are required for your status of engagement or that of ICRISAT.
- 9.7. If at any time you shall, by your conduct, render yourself incompetent to perform your duties or if you should be dishonest, disobedient, intemperate, irregular in attendance, commit, any act subversive of discipline and good conduct or an act unbecoming of a Consultant, any material breach of the terms of your contract or any of its stipulations contained herein, ICRISAT shall, without prejudice to any of its rights under the terms herein be entitled to terminate your contract forthwith without notice or payment in lieu of notice and to deduct from your pay (if any) then due to you, the amount of any loss ICRISAT may have sustained.
- 9.8. On ceasing to be in contract with ICRISAT, you shall return forthwith all the tangible and intangible properties and assets of ICRISAT that are entrusted during your contract with ICRISAT.
- 9.9. This contract shall be governed by, construed, and enforced in accordance with the prevailing laws of India. However, it is understood and agreed that the provisions of this paragraph shall not constitute nor imply the waiver by ICRISAT any of its privileges and immunities granted under the law.
- 9.10. This assignment shall be performed in accordance with the terms and conditions stipulated in this contract.

If the foregoing terms are acceptable, please sign the consultancy contract and return a copy, along with the required details specified in *Annexure II* to ([S.Padmaja@cgiar.org](mailto:S.Padmaja@cgiar.org)).

Yours sincerely,

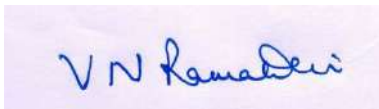


**Kunal Sarkar**  
**Acting Director –Human Resources**

**CC:** Dr Abhishek Rathore/Financial Services

I, hereby, read, understood and accept the above terms and conditions of this consultancy contract.

**Signature:** \_



V N Rama Devi



## **Annexure I**

### **Terms of Reference**

#### **Responsibilities:**

- Support and help in historical data curation, cleaning, compilation & migration under ICAR-BMGF project.
- Analysis of agricultural research data from various research experiments of ICAR-BMGF project & partners
- Assist in training in data curation, applied statistics, statistical computing & data management systems

## Annexure II

### List of Joining Documents/Details

1. Copy of PAN Card: AIAPV0007E (proof is enclosed as attachment)
2. Bank Details (Account Number, Bank Name and Branch, IFSC Code):10812041004568, Punjab National Bank, GRIET Campus, Bachupally, IFSC code: **PUNB0188210**
3. Passport size photograph in jpeg format: enclosed as attachment
4. Blood group: O positive

26-07-2022 15:55:01

PUNJAB NATIONAL BANK, BACHUPALLY

Page 1

REP31

Customer Account Ledger Report

Report To : BM  
SolId :  
Set Id : 188210 BACHUPALLY  
Gl Sub Head Code :  
Acct Range : 18822191002750 to 18822191002750  
Currency Code :  
Account Label :  
Open/Closed A/cs (O/C) :  
Period : 01-07-2021 to 30-06-2022  
Limit Details : Y  
Order by GL. Date.

PUNJAB NATIONAL BANK BACHUPALLY  
Page 2

to 30-06-2022

```

Service OutLet      : 188210  BACHUPALLY
Account No          : 18822191002750      INR HOD   CIVIL   DEPARTMENT
Gl Sub Head Code    :
Opening Balance     :                23,89,254.76Cr
Peg Review date     : 31-12-2099

```

GL.	Value	Instrmnt	Particulars	Balance	Entry
Verified	Transaction		Transaction		
Date	Date	Number			
User Id	Debit Amount		Credit Amount		User Id

14-07-2021	14-07-2021	Order by GL. Date.	
		NEFT GHMC	
		11,755.00	23,25,774.06Cr CDCI
CDCI			

30-07-2021	30-07-2021	NEFT GHMC	
		10,832.00	24,71,606.06Cr CDCI
CDCI			
30-07-2021	30-07-2021	NEFT GHMC	
		436.00	24,72,042.06Cr CDCI
CDCI			
03-08-2021	03-08-2021	NEFT GHMC	
		22,877.00	25,84,712.56Cr CDCI
CDCI			
11-08-2021	11-08-2021	NEFT GHMC	
		78,660.00	26,72,372.56Cr CDCI
CDCI			
13-08-2021	13-08-2021	NEFT GHMC	
		14,881.00	26,75,853.56Cr CDCI
CDCI			

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13-08-2021	13-08-2021	NEFT GHMC	
		9,812.00	26,85,665.56Cr CDCI
CDCI			
18-08-2021	18-08-2021	NEFT GHMC	
		1,42,716.00	28,28,381.56Cr CDCI
CDCI			
20-08-2021	20-08-2021	NEFT GHMC	
		69,887.00	28,98,268.56Cr CDCI
CDCI			
25-08-2021	25-08-2021	NEFT GHMC	
		4,478.00	29,02,746.56Cr CDCI
CDCI			
25-08-2021	25-08-2021	NEFT GHMC	
		36,855.00	29,39,601.56Cr CDCI
CDCI			
25-08-2021	25-08-2021	NEFT GHMC	
		64,590.00	30,04,191.56Cr CDCI
CDCI			
30-08-2021	30-08-2021	NEFT GHMC	
		11,970.00	30,16,161.56Cr CDCI
CDCI			
02-09-2021	02-09-2021	NEFT GHMC	
		42,024.00	30,58,185.56Cr CDCI
CDCI			
06-09-2021	06-09-2021	NEFT GHMC	
		7,709.00	30,65,894.56Cr CDCI
CDCI			
06-09-2021	06-09-2021	NEFT GHMC	
		10,555.00	30,76,449.56Cr CDCI
CDCI			
23-09-2021	23-09-2021	NEFT GHMC	



			35,437.00	28,35,449.66Cr CDCI
CDCI				
30-09-2021	30-09-2021		NEFT GHMC	
			585.00	23,71,063.78Cr CDCI
CDCI				
30-09-2021	30-09-2021		NEFT GHMC	
			13,431.00	23,84,494.78Cr CDCI
CDCI				
02-10-2021	01-10-2021		NEFT GHMC	
			1,55,781.00	25,32,075.78Cr CDCI
CDCI				
04-10-2021	04-10-2021		NEFT GHMC	
			46,669.00	25,78,744.78Cr CDCI
CDCI				
07-10-2021	07-10-2021		NEFT GHMC	
			1,01,663.00	26,66,390.08Cr CDCI
CDCI				
08-10-2021	08-10-2021		NEFT GHMC	
			12,058.00	26,85,954.08Cr CDCI
CDCI				
08-10-2021	08-10-2021		NEFT GHMC	
			20,530.00	27,06,484.08Cr CDCI
CDCI				
12-10-2021	12-10-2021		NEFT GHMC	
			6,299.00	27,12,783.08Cr CDCI
CDCI				
14-10-2021	14-10-2021		NEFT GHMC	
			8,506.00	27,21,289.08Cr CDCI
CDCI				
14-10-2021	14-10-2021		NEFT GHMC	
			21,411.00	27,42,700.08Cr CDCI
CDCI				
28-10-2021	28-10-2021		NEFT GHMC	
			886.00	
01-11-2021	01-11-2021		NEFT GHMC	
			1488.00	
11-11-2021	11-11-2021		NEFT GHMC	
			24,955.00	27,70,735.08Cr CDCI
CDCI				
18-11-2021	18-11-2021		NEFT GHMC	
			1745.00	
23-11-2021	23-11-2021		NEFT GHMC	
			11,641.00	28,17,921.08Cr CDCI
CDCI				
29-11-2021	29-11-2021		NEFT GHMC	
			922.00	28,18,843.08Cr CDCI
CDCI				
14-12-2021	14-12-2021		NEFT GHMC	
			8,348.00	28,56,011.08Cr CDCI
CDCI				

14-12-2021	14-12-2021	NEFT GHMC	
		6,505.00	28,62,516.08Cr CDCI
CDCI			
22-12-2021	22-12-2021	NEFT GHMC	
		31,966.00	26,73,590.48Cr CDCI
CDCI			
24-12-2021	24-12-2021	NEFT GHMC	
		6,256.00	26,79,846.48Cr CDCI
CDCI			
27-12-2021	27-12-2021	NEFT GHMC	
		38,478.00	27,18,324.48Cr CDCI
CDCI			
04-01-2022	04-01-2022	NEFT GHMC	
		2,764.00	27,71,088.48Cr CDCI
CDCI			
11-01-2022	10-01-2022	NEFT GHMC	
		6,277.00	27,32,365.48Cr CDCI
CDCI			
14-01-2022	14-01-2022	NEFT GHMC	
		1848.00	
18-01-2022	18-01-2022	NEFT GHMC	
		34,309.00	27,68,522.48Cr CDCI
CDCI			
20-01-2022	20-01-2022	NEFT GHMC	
		17,843.00	27,86,365.48Cr CDCI
CDCI			
20-01-2022	20-01-2022	NEFT GHMC	
		1,88,806.00	29,75,171.48Cr CDCI
CDCI			
21-01-2022	21-01-2022	NEFT GHMC KKP ZONE	
		9,966.00	29,85,137.48Cr CDCI
CDCI			
21-01-2022	21-01-2022	NEFT GHMC	
		75,041.00	30,60,178.48Cr CDCI
CDCI			
25-01-2022	25-01-2022	NEFT GHMC	
		4,504.00	30,64,682.48Cr CDCI
CDCI			
25-01-2022	25-01-2022	NEFT GHMC	
		3,638.00	30,68,320.48Cr CDCI
CDCI			
31-01-2022	31-01-2022	NEFT GHMC	
		10,013.00	28,35,677.18Cr CDCI
CDCI			
02-02-2022	02-02-2022	NEFT GHMC K K P ZONE	
		17,832.00	27,94,022.18Cr CDCI
CDCI			

09-02-2022	09-02-2022	NEFT GHMC	
		1,697.00	28,07,260.18Cr CDCI
CDCI			
10-02-2022	10-02-2022	NEFT GHMC	
		2,380.00	28,57,134.18Cr CDCI
CDCI			
14-02-2022	14-02-2022	NEFT GHMC	
		540.00	28,57,674.18Cr CDCI
CDCI			
14-02-2022	14-02-2022	NEFT GHMC	
		6,626.00	28,64,300.18Cr CDCI
CDCI			
22-02-2022	22-02-2022	NEFT GHMC	
		6,829.00	28,71,129.18Cr CDCI
CDCI			
23-02-2022	23-02-2022	NEFT GHMC	
		1,009.00	28,72,138.18Cr CDCI
CDCI			
24-02-2022	24-02-2022	NEFT GHMC	
		93,478.00	29,74,116.18Cr CDCI
CDCI			
15-03-2022	15-03-2022	CT LAB CONSULTANCY	
		150.00	29,59,502.80Cr 2032179DM
1174687GS			
16-03-2022	16-03-2022	NEFT GHMC-SBI	
		2,49,991.00	
28-03-2022	28-03-2022	NEFT GHMC	
		24,077.00	31,43,232.36Cr CDCI
CDCI			
04-04-2022	04-04-2022	NEFT GHMC	
		1,867.00	32,77,591.98Cr CDCI
CDCI			
06-04-2022	06-04-2022	NEFT GHMC KKP ZONE	
		10,714.00	32,88,305.98Cr CDCI
CDCI			
13-04-2022	13-04-2022	NEFT GHMC	
		2,214.00	28,90,156.28Cr CDCI
CDCI			
19-04-2022	19-04-2022	NEFT GHMC	
		10,646.00	29,14,929.12Cr CDCI
CDCI			
19-04-2022	19-04-2022	NEFT GHMC	
		1,816.00	29,16,745.12Cr CDCI
CDCI			
19-04-2022	19-04-2022	NEFT GHMC	
		1,343.00	29,18,088.12Cr CDCI
CDCI			
30-04-2022	30-04-2022	NEFT GHMC	
		27,638.00	29,45,726.12Cr CDCI
CDCI			

05-05-2022	05-05-2022	NEFT GHMC	
		1,193.00	29,46,919.12Cr CDCI
CDCI			
05-05-2022	05-05-2022	NEFT GHMC	
		32,759.00	29,79,678.12Cr CDCI
CDCI			
07-05-2022	07-05-2022	NEFT GHMC	
		715.00	29,80,393.12Cr CDCI
CDCI			
07-05-2022	07-05-2022	NEFT GHMC	
		829.00	29,81,222.12Cr CDCI
CDCI			
13-05-2022	13-05-2022	NEFT GHMC	
		18,655.00	29,66,112.12Cr CDCI
CDCI			
19-05-2022	19-05-2022	NEFT GHMC	
		8,148.00	29,74,260.12Cr CDCI
CDCI			
19-05-2022	19-05-2022	NEFT GHMC	
		659.00	29,74,919.12Cr CDCI
CDCI			
19-05-2022	19-05-2022	NEFT GHMC	
		9,295.00	29,84,214.12Cr CDCI
CDCI			
21-05-2022	21-05-2022	NEFT GHMC	
		4,750.00	29,97,964.12Cr CDCI
CDCI			
10-06-2022	10-06-2022	NEFT GHMC	
		4,20,000.00	
14-06-2022	14-06-2022	NEFT GHMC	
		3,793.00	34,30,602.12Cr CDCI
CDCI			
17-06-2022	17-06-2022	NEFT GHMC	
		249.00	34,15,081.12Cr CDCI
CDCI			
20-06-2022	20-06-2022	NEFT GHMC	
		1,323.00	34,16,404.12Cr CDCI
CDCI			
21-06-2022	21-06-2022	NEFT GHMC	
		4,610.00	34,21,014.12Cr CDCI
CDCI			



Dt: 21.02.2022

No.:

To,

**Principal Investigator**

**Dr. Lipika Goel,**

Associate Professor

Department of Computer Science & Engineering

Gokaraju Rangaraju Institute of Engineering and Technology,

Bachupally, Kukatapally, Hyderabad,

Telangana, INDIA, PIN Code: 500 090.

Phone No. +91 9811296119

Email: [lipika1670@grietcollege.com](mailto:lipika1670@grietcollege.com)

**Co-Principal Investigator**

**Dr. K.Madhavi,**

Professor & Head

Department of Computer Science & Engineering

Gokaraju Rangaraju Institute of Engineering and Technology,

Bachupally, Kukatapally, Hyderabad,

Telangana, INDIA, PIN Code: 500 090.

Phone No. +91 9849364116

Email: [hod\\_cse@griet.ac.in](mailto:hod_cse@griet.ac.in)





# GOKARAJU RANGARAJU Institute of Engineering and Technology

A++  
NAAC

Approved by AICTE, New Delhi - Permanently affiliated to JNTUH, Hyderabad  
(Autonomous)

Dr. Jusse Praveen  
B.E, M.Tech, Ph.D  
Principal

## Invoice

GRIET/R&D/Consultancy/2021-22

21.02.2022

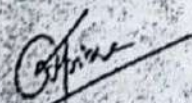
AudIntel India Pvt.Limited, Flat 401, 402, H.No 7-2-1813/5/ /A/6, Street No. 1, Czech Colony, Sanath Nagar, Hyderabad, Telangana 500018 GSTN No.- 36AAQCA7882H1Z1		Invoice No: 05/2 Invoice Date: 21-02-2022 Ref: MoU dt:07-02-2022	
S.No.	Research Project	Charges (Rs) Per Annum	Total Amount
1	Demand-Driven forecasting in Supply Chain Management using Ensemble Learning Approach.	Rs. 8,14,000/-	Rs. 8,14,000/-
Net Amount			Rs. 8,14,000/-

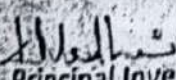
(Rupees: Eight Lakhs Fourteen Thousand Rupees Only)

PAN No.: AAAAG0915F

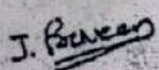
### Bank Details:


Name of the Account : Principal, GRIET - Grants  
Name of the Bank : Punjab National Bank  
Account No. : 18822041001025  
Branch : Bachupally  
IFSC Code : PUN0188210

  
Principal Investigator

  
Co-Principal Investigators



  
Authorized Signature  
PRINCIPAL  
GOKARAJU RANGARAJU  
Institute of Engineering and Technology  
Bachupally, Kukatpally, Hyderabad - 500 090

  
Bachupally, Kukatpally, Hyderabad - 500 090, Telangana, India  
Cell : 7207344440 / 7207714441 e-mail: info@griet.ac.in, www.griet.ac.in  
e-mail : principal@griet.ac.in





# GOKARAJU RANGARAJU Institute of Engineering and Technology

(Autonomous)  
Approved by AICTE, New Delhi - Permanently affiliated to JNTU, Hyderabad

Dr. JUSSE Praveen  
B.E., M.Tech, Ph.D  
Principal

21.02.2022

3

GRIET/SIRO/2021-22

**Certificate for GST Exemption under  
Government of India, Ministry of Finance**  
Notification No.: 45/2017 - Central Tax (Rate) dt. 14<sup>th</sup> November 2017 &  
Notification No.: 47/2017 - Integrated Tax (Rate) dt. 14<sup>th</sup> November 2017

1	Name of Institute	Gokaraju Rangaraju Institute of Engineering & Technology
2	Name of the Department	Department of CSE
3	Registration No.	11/654/2015-TU-V
4	PAN	AAAAG0915F
5	Brief Description of item	Demand- Driven Forecasting in Supply Chain Management Using Ensemble Learning Approach.
6	Value of Goods (Basic Price) in Indian Rupees	Rs. 8,14,000/-
7	Purpose for which item is required	Research
8	Name of Supplier Manufacturer	AudIntel India Pvt.Limited GSTN No.- 36AAQCA7882H1Z1
9	Invoice No. & Date	GRIET/R&D/Consultancy/2021-22/05/2 dt.21.02.2022

Certified that Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad is affiliated to Jawaharlal Nehru Technological University Hyderabad, Hyderabad and registered under DSIR - SIRO with Registration No. 11/654/2015-TU-V valid till 31.03.2023

This is also certified that the goods in respect of which concession from GST is claimed under this notification are required for Research Purpose Only.



J. Boucan  
Principal- GRIET

PRINCIPAL  
GOKARAJU RANGARAJU  
Institute of Engineering and Technology  
Bachupally, Kukatpally, Hyderabad - 500

Bachupally, Kukatpally, Hyderabad - 500 090, Telangana, India  
Cell : 7207344440 / 7207714441 e-mail: info@griet.ac.in, www.griet.ac.in





తెలంగాణ తెలంగాణ TELANGANA

Sl. No. 141412 DE 22/06/2018  
SOLD TO: G. V. K. RANGARAJU  
S/o, D/o, W/o: G. GANAKA RAO r/o Hyderabad  
FOR WHOM: M/S. GOKARAJU RANGARAJU INSTITUTE OF  
ENGINEERING & TECHNOLOGY

Dr. H. C. 225762  
D.V. SARAT KUMAR  
LICENCED STAMP VENDOR  
Lic. No. 15-11-028/2014  
Ren. No. 15-11-032/2017  
H.No. 2-22-298/C/203, Manikanta Apts.  
Bhagyanagar Colony, Opp. K.P.H.S. Kukatpally,  
Medchal-Malkajgiri Dist. Cell No. 945 666 2490

## MEMORANDUM OF UNDERSTANDING (MOU) FOR RESEARCH PARTNERSHIP AND COLLABORATION

This memorandum of understanding is made and executed on 07-02-2022

### BY AND BETWEEN

Gokaraju Rangaraju Institute of Engineering and Technology (GRIET), is an educational institute of higher learning, a premier institute of repute established in the year 1997, having its campus in Bachupally, Hyderabad - 500 090, Telangana (herein after referred to as "First Party") which expression shall unless the context requires it otherwise mean and include its Owners and permitted assigns.

### AND

AudIntel India Pvt.Limited, (herein after referred to as "Second Party") having its registered office at H. No. 7-2-1813/5/A/5 & H. No. 7-2-1813/5/A/6, CZECH COLONY, Street No. 1, Sanath Nagar, Hyderabad-500018. (GSTN No.- 36AAQCA7882H1Z1), which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns of ONE PART.

GRIET and AudIntel India Pvt.Limited are herein after individually referred to as "Party" and collectively known as "Parties".

For AUDINTEL INDIA PRIVATE LIMITED



**WHEREAS:**

GRIET is the vibrant institute of higher learning and research facilities with eminent professors and well-equipped labs.

AudIntel India Pvt.Limited., was founded by a team of technology veterans with a combined 50 plus years of transportation, logistics and software development experience. Our technology development team possesses the latest skill sets to design, build and continually improve our transportation cost reduction solutions and services. It leverages the latest best-of-breed technologies and best practices to provide our clients the technology services and solutions they need to improve their supply chain performance while maintaining a competitive cost advantage. AudIntel has an experienced team that will provide all the support needed to the customer to implement the software and integrate it with the shipping processes and legacy systems. The company manages every detail of the tech integration, help to efficiently embed the technology into the organization and provide robust training to support the deployment every step of the way. AudIntel launches the optimization of the shipping performance through next generation technology for supply chain intelligence. Therefore, GRIET and AudIntel India Pvt.Limited. recognized that mutual collaboration, given each other's strengths in the field of research and facilities thereof, will mutually benefits in engaging themselves in research cooperation between the Parties.

**Purpose and Objective of this MOU:**

GRIET has approached AudIntel India Pvt.Limited., with a research project proposal titled "Demand- Driven Forecasting In Supply Chain Management Using Ensemble Learning Approach.". Dr. Lipika Goel, Associate Professor, Computer Science and Engineering, GRIET, will act as Principal Investigator (PI) for this Project. AudIntel India Pvt.Limited., has given consent to this preposition and agreed to fund this project for Rs. 8,14,000/- (Eight lakhs Fourteen Thousand Rupees only).

**Effective Date and Termination:** This MOU shall be effective from the date of its approval by competent authorities at both ends. The duration of the project shall be for a period of 1 year from the effective date and will be extended upto 2 years based on mutual consent and progress report. The duration of the MOU shall be for a period of 5 year. During its tenancy, the MOU may be extended or terminated by a prior notice of not less than six months by either party. However, termination of the MOU will not in any manner affect the interests of the parties. Any clause or article of the MOU may be modified or amended by mutual agreement of Parties

For and on behalf of  
Gokaraju Rangaraju Institute of  
Engineering and Technology (GRIET)



For and on behalf of  
AudIntel India Pvt.Limited

For AUDINTEL INDIA PRIVATE LIMITED

Sign :

*J. Praveen*

Name: Dr. J. Praveen PRINCIPAL

Title : Principal GOKARAJU RANGARAJU

Place : Hyderabad, Institute of Engineering and Technology  
Secunderabad, Kukatpally, Hyderabad - 500 090

Sign :

*Raghavendra Sinha*

DIRECTOR

Name: Raghavendra Sinha

Title : Director

Place: Hyderabad, Telangana





# GOKARAJU RANGARAJU Institute of Engineering and Technology

(Autonomous)

Approved by AICTE, New Delhi - Permanently affiliated to JNTUH, Hyderabad

Dr. Jigge Praveen  
B.E., M.Tech., Ph.D.  
Principal

## Invoice

21.02.2022

GRIET/R&D/Consultancy/2021-22

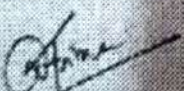
Audintel India Pvt. Limited, Flat 401, 402, H. No 7-2-1813/5/ /A/6, Street No. 1, Czech Colony, Sanath Nagar, Hyderabad, Telangana 500018 GSTN No. - 36AAQCA7882H1Z1		Invoice No: 05/2 Invoice Date: 21-02-2022 Ref: MoU dt:07-02-2022	
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Net Amount			Rs. 8,14,000/-


(Rupees: Eight Lakhs Fourteen Thousand Rupees Only)

PAN No.: AAAAG0915F

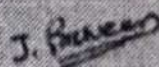
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Name of the Bank : Punjab National Bank  
Account No. : 18822041001025  
Branch : Bachupally  
IFSC Code : PUNB0188210

  
Principal Investigator

  
Co-Principal Investigators



  
Authorized Signature  
PRINCIPAL  
GOKARAJU RANGARAJU  
Institute of Engineering and Technology  
Bachupally, Kukatpally, Hyderabad - 500 090

 Bachupally, Kukatpally, Hyderabad - 500 090, Telangana, India  
Cell : 7207344440 / 7207714441 e-mail: info@griet.ac.in, www.griet.ac.in  
e-mail : principal@griet.ac.in



# AMPLE AUTO TECH PRIVATE LIMITED

Manufacturer & Exporter of Steering & Suspension Parts



Dt: 30.12.2021

To,

Dr. B. Sankara Babu (PI)  
Professor, CSE Department,  
Gokaraju Rangaraju Institute of Engineering & Technology,  
Bachupally, Hyderabad 500090,  
Telangana, INDIA.

&

Dr. K. Madhavi (Co-PI)  
Professor and Head, CSE Department,  
Gokaraju Rangaraju Institute of Engineering & Technology,  
Bachupally, Kukatapally, Hyderabad 500 090,  
Telangana, INDIA.

Kind Attn: Principal, GRIET

Sub: Work order for Detailed Research Project for the Work of the following Project:

**A Predictive Model for Energy Management System using IOT and Big Data Processing**

Ref: Your Project Proposal dt: 20.12.2021

Dear Sir,

In line with the discussions that we had; we are pleased to confirm you our work order to carry out the research work for the works mentioned in the project proposal. You are requested to consider this as Letter of Acceptance (LOA) with the entrusted work as per the details stated below:

## Deliverables:

SNO	Name of the Activity	Duration in Months
1	Literature review	1
2	Identifying the Problem Definition	2
3	Sensor identification and Proto-type model development	3
4	Deployment	3
5	Data Analysis and report generation	3

Corporate Office & Unit -I: Plot No. 61, Sector- 3, IMT Manesar, Gurgaon, Haryana, India-122050

Telephone No.: +91-124-2290055, +91-124-4265757

E-mail: marketing@atek.in

Website: www.atekworld.com

CIN- U34300DL2005PTC134947

GSTIN - 06AAFCA1574R1Z9

002255





# AMPLE AUTO TECH PRIVATE LIMITED

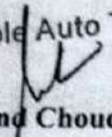
Manufacturer & Exporter of Steering & Suspension Parts



We hereby accept your financial proposal of **Rs 6,80,000/-** (Six Lakhs Eighty thousand Rupees Only). Kindly send proforma invoice and bank details for further process. Time period for the project is 1 year from LOA issue date. Terms & Conditions remain same as per MoU.

Regards,

For Ample Auto Tech Pvt Ltd

  
**Arvind Choudhary** Director  
Managing Director

Ample Auto tech Pvt Ltd  
407A, Sector-7, IMT, Manesar  
Gurgaon, Haryana

Corporate Office & Unit -I: Plot No. 61, Sector- 3, IMT Manesar, Gurgaon, Haryana, India-122050  
Telephone No.: +91-124-2290055, +91-124-4265757

E-mail: [marketing@atek.in](mailto:marketing@atek.in)  
Website: [www.atekworld.com](http://www.atekworld.com)  
CIN- U34300DL2005PTC134947  
GSTIN - 06AAFCA1574R129

002256





**AMPLE AUTO TECH PRIVATE LIMITED**  
Manufacturer & Exporter of Steering & Suspension Parts



Dt: 30-10-2021

No.:

To,

**Principal Investigator**

**Dr K. Butchi Raju**

Professor of Computer Science and Engineering & Dean Placements  
GokarajuRangaraju Institute of Engineering and Technology,  
Bachupally, Kukatapally, Hyderabad,  
Telangana, INDIA, PIN Code: 500 090.

Phone No. +91 7702964747

Email: [butchiraju@griet.ac.in](mailto:butchiraju@griet.ac.in)

**Co-Principal Investigator**

**Dr S Govinda Rao**

Department of Computer Science and Engineering  
GokarajuRangaraju Institute of Engineering and Technology,  
Bachupally, Kukatapally, Hyderabad,  
Telangana, INDIA, PIN Code: 500 090.

Phone No: +91 8712848071

Email: [sgovind486@griet.ac.in](mailto:sgovind486@griet.ac.in)

Kind Attn: Principal, GRIET

**Sub: Work order for Detailed Research Project for the Following Project Entitled:**  
**Machine Learning Enabled Predictive Maintenance System for Automotive Industry**

**Ref: Your Project Proposal dt: 15-10-2021**

Dear Sir,

In line with the discussions that we had; we are pleased to confirm you our work order to carry out the research project as mentioned in subject line.

You are requested treat this letter as Letter of Acceptance (LOA) with the entrusted work as per the details stated below:

---

Corporate Office & Unit -I: Plot No. 61, Sector- 3, IMT Manesar, Gurgaon, Haryana, India-122050  
Telephone No.: +91-124-2290055, +91-124-4265757  
E-mail: [marketing@atek.in](mailto:marketing@atek.in)  
Website: [www.atekworld.com](http://www.atekworld.com)  
CIN- U34300DL2005PTC134947  
GSTIN - 06AAFCA1574R129

000257





**AMPLE AUTO TECH PRIVATE LIMITED**  
Manufacturer & Exporter of Steering & Suspension Parts




**Deliverables:**

S.No	Deliverables	Duration in Months
		1
1	Literature Study	2
2	Identify ML Based Predictive Maintenance System	3
3	Develop Prototype Model	3
4	Deployment	3
5	Report Generation	3

We hereby accept your financial proposal of Rs. 8,20,000 (Eight Lakhs Twenty Thousand Rupees Only). Kindly send proforma invoice and bank details for further process. Time period for the project is 1 year from LOA issue date. Terms & Conditions remain same as per MoU.

Regards

For Ample Auto Tech Pvt Ltd

  
**Arvind Choudhary** Director  
Managing Director  
Ample Auto tech Pvt Ltd  
407A, Sector-7, IMT, Manesar  
Gurgaon, Haryana

Corporate Office & Unit -I: Plot No. 61, Sector- 3, IMT Manesar, Gurgaon, Haryana, India-122050  
Telephone No.: +91-124-2290055, +91-124-4265757  
E-mail: marketing@atek.in  
Website: www.atekworld.com  
CIN- U34300DL2005PTC134947  
GSTIN - 06AAFCA1574R129

000258







Dt: 19.02.2022

No.:

To,  
**Principal Investigator**

**Dr. Ashlin Deepa R N,**

Associate Professor, Department of Computer Science and Engineering,

Gokaraju Rangaraju Institute of Engineering and Technology,

Bachupally, Kukatapally, Hyderabad,

Telangana, INDIA, PIN Code: 500 090.

Phone No. +91 8500282924

Email: ashlin887@grietcollege.com

**Co-Principal Investigator**

Dr.P.Chandra Sekhar Reddy

Professor, Department of Computer Science and Engineering

Gokaraju Rangaraju Institute of Engineering and Technology,

Bachupally, Kukatapally, Hyderabad,

Telangana, INDIA, PIN Code: 500 090.

Phone No. +91 99894 41542

Email: pchandra1369@grietcollege.com

Kind Attn: Principal, GRIET

Sub: Work order for the research project entitled:

**OPTIMIZATION OF DATA STORAGE AND RETRIEVAL IN CLOUD COMPUTING FOR SUPPLY  
CHAIN MANAGEMENT**

Ref: Your Project Proposal dt: 15.02.2022





Dear Sir,

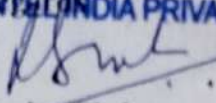
In line with the discussions that we had, we are pleased to confirm you our work order to carry out the research work mentioned under subject. You are requested to please treat this a Letter of Acceptance (LOA) with the entrusted work as per the details stated below:

**Deliverables:**

Literature review, field study, Develop Prototype Model, Provide progress report to client.

We hereby accept your financial proposal of **Rs. 11, 40, 000/-** (Eleven Lakhs forty Thousand Only). Kindly send proforma invoice and bank details for further process. Time period for the project is 1 year from LOA issue date. Terms & Conditions remain same as per MoU.

For AUDINTEL INDIA PRIVATE LIMITED

  
Raghu Sinha      **DIRECTOR**  
Director,  
Audintel,  
Hyderabad, Telangana





भारतीय गैर न्यायिक

पचास  
रुपये

रु.50

भारत

FIFTY  
RUPEES

Rs.50

INDIA

INDIA NON JUDICIAL

Sl.No. 746 Date: 28/01/2024  
तेलंगाना TELANGANA Rs: 50/-

SOLD TO G.V.K. RANGA RAJU

S/o., BTO, W/O: G. GANARAJU RANGA REDDY

FOR WHOM: GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

G.V. SARAT KUMAR  
A 817709  
D.V. SARAT KUMAR

LICENCED STAMP VENDOR

H.No. 2-22-298/C/203, MANIKANTA APTS.,  
BHAGYANAGAR COLONY, OPP. KPHB,  
KURATPALLY, RANGA REDDY DIST.,

PHONE No. : 9666662490

LIC. No: 15-11-028/2014

REN.NO: 15-11-032/2017

## MEMORANDUM OF UNDERSTANDING (MOU) FOR RESEARCH PARTNERSHIP AND COLLABORATION

This memorandum of understanding is made and executed on 07-02-2022

### BY AND BETWEEN

Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) is an educational institute of higher learning, a premier institute of repute established in the year 1997, having its campus in Bachupally, Hyderabad - 500 090, Telangana (herein after referred to as "First Party") which expression shall unless the context requires it otherwise mean and include its Owners and permitted assigns.

### AND

AudIntel India Pvt.Limited., (herein after referred to as "Second Party") having its registered office Flat 401,402 H. No 7-2-1813/5/A/6, Street No. 1, Czech Colony, Sanath Nagar, Hyderabad, Telangana 500018 (GSTN No.- 36AAQCA7882H1Z1), which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns of ONE PART.

GRIET and AudIntel India Pvt.Limited., are herein after individually referred to as "Party" and collectively known as "Parties".

For AUDINTEL INDIA PRIVATE LIMITED



## WHEREAS:

**GRIET** is the vibrant institute of higher learning and research facilities with eminent professors and well-equipped labs.

**AudIntel India Pvt.Limited** - was founded by a team of technology veterans with a combined 50 plus years of transportation, logistics and software development experience. Our technology development team possesses the latest skill sets to design, build and continually improve our transportation cost reduction solutions and services. It leverages the latest best-of-breed technologies and best practices to provide our clients the technology services and solutions they need to improve their supply chain performance while maintaining a competitive cost advantage. AudIntel has an experienced team that will provide all the support needed to the customer to implement the software and integrate it with the shipping processes and legacy systems. The company manages every detail of the tech integration, help to efficiently embed the technology into the organization and provide robust training to support the deployment every step of the way. AudIntel launches the optimization of the shipping performance through next generation technology for supply chain intelligence.

Therefore, **GRIET and AudIntel India Pvt.Limited** ., recognized that mutual collaboration, given each other's strengths in the field of research and facilities thereof, will mutually benefits in engaging themselves in research cooperation between the Parties.

### Purpose and Objective of this MOU:

**GRIET** has approached **AudIntel India Pvt.Limited** with a research project proposal titled "**OPTIMIZATION OF DATA STORAGE AND RETRIEVAL IN CLOUD COMPUTING FOR SUPPLY CHAIN MANAGEMENT**". Dr. Ashlin Deepa R N, Associate Professor, Computer Science and Engineering, **GRIET**, will act as Principal Investigator (PI) for this Project. Audintel., has given consent to this preposition and agreed to fund this project for Rs. 11, 40, 000/- (Eleven Lakhs forty Thousand Only).

**Effective Date and Termination:** This MOU shall be effective from the date of its approval by competent authorities at both ends. The duration of the project shall be for a period of 1 year from the effective date and will be extended upto 2 years based on mutual consent and progress report. The duration of the MOU shall be for a period of 5 year. During its tenancy, the MOU may be extended or terminated by a prior notice of not less than six months by either party. However, termination of the MOU will not in any manner affect the interests of the parties. Any clause or article of the MOU may be modified or amended by mutual agreement of Parties

For and on behalf of  
**Gokaraju Rangaraju Institute of  
Engineering and Technology (GRIET)**

Sign : J. Praveen  
Name: Dr. J. Praveen  
Title : Principal  
Place : Hyderabad, Telangana



For and on behalf of  
**AudIntel India Pvt.Limited**

**For AUDINTEL INDIA PRIVATE LIMITED**

Sign : [Signature]  
Name: Raghavendra Sinha **DIRECTOR**  
Title : Director  
Place : Hyderabad, Telangana

**PRINCIPAL**  
**GOKARAJU RANGARAJU**  
Institute of Engineering and Technology  
Bachupally, Kukatpally, Hyderabad - 500 091







# GOKARAJU RANGARAJU Institute of Engineering and Technology

(Autonomous)



Approved by AICTE, New Delhi - Permanently affiliated to JNTUH, Hyderabad

Dr. Jugge Praveen  
B.E., M.Tech., Ph.D  
Principal

## Invoice

21.02.2022

GRIET/R&D/Consultancy/2021-22

AudIntel India Pvt.Limited, Flat 401, 402 H. No. 7-2-1813/5/A/5 & H. No. 7-2- 1813/5/A/6, CZECH COLONY, Street No. 1, Sanath Nagar, Hyderabad-500018. GSTN No.- 36AAQCA7882H1Z1		Invoice No: 05/1 Invoice Date: 21.02.2022 Ref: MoU dt: 07.02.2022	
S.No.	Research Project	Charges (Rs) Per Annum	Total Amount
1	Optimization Of Data Storage And Retrieval In Cloud Computing For Supply Chain Management. For the year 2021-22	Rs. 11, 40, 000/-	Rs. 11, 40, 000/-
Net Amount			Rs. 11, 40, 000

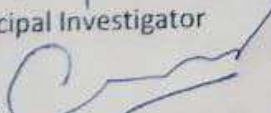
(Rupees: Eleven Lakhs forty Thousand Only Rupees Only)

PAN No.: AAAAG0915F

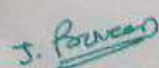
### Bank Details:

Name of the Account : Principal, GRIET – Grants  
Name of the Bank : Punjab National Bank  
Account No. : 18822041001025  
Branch : Bachupally  
IFSC Code : PUNB0188210

  
Principal Investigator

  
Co-Principal Investigators



  
Principal  
GOKARAJU RANGARAJU  
Institute of Engineering and Technology  
Bachupally, Kukatpally, Hyderabad - 500 090

Bachupally, Kukatpally, Hyderabad - 500 090, Telangana, India  
Cell : 7207344440 / 7207714441 e-mail: info@griet.ac.in, www.griet.ac.in  
e-mail : principal@griet.ac.in



# AMPLE AUTO TECH PRIVATE LIMITED

Manufacturer & Exporter of Steering & Suspension Parts



Dt: 15/02/2022

No.: ATEK Parts Sorting  
To,

**Dr. Niranjana Appaswamy,**

Associate Professor, AIML Department

Gokaraju Rangaraju Institute of Engineering and Technology,

Bachupally, Kukatapally, Hyderabad,

Telangana, INDIA, PIN Code: 500 090.

Phone No. +91 8123033210

Email: [niranjana1632@grietcollege.com](mailto:niranjana1632@grietcollege.com)

**Co-Principal Investigator**

**Dr. G. Karuna**

Professor and Head

Department of AI & ML

Gokaraju Rangaraju Institute of Engineering and Technology,

Bachupally, Kukatapally, Hyderabad,

Telangana, INDIA, PIN Code: 500 090.

Email: [karuna.griet@gmail.com](mailto:karuna.griet@gmail.com)

Kind Attn: Principal, GRIET

**Sub:** Work order for Detailed Research Project for the Following Project Entitled:

**EFFICIENT DEFECTIVE PART CLASSIFICATION SYSTEM USING MACHINE LEARNING TECHNIQUES**

**Ref:** Your Project Proposal dt: 10-02-2022

Corporate Office & Unit -I: Plot No. 61, Sector- 3, IMT Manesar, Gurgaon, Haryana, India-122050

Telephone No.: +91-124-2290055, +91-124-4265757

E-mail: [marketing@atek.in](mailto:marketing@atek.in)

Website: [www.atekworld.com](http://www.atekworld.com)

CIN- U34300DL2005PTC134947

GSTIN - 06AAFCA1574R1Z9

001120



# AMPLE AUTO TECH PRIVATE LIMITED

Manufacturer & Exporter of Steering & Suspension Parts



Dear Sir,

In line with the discussions that we had; we are pleased to confirm you our work order to carry out the research project as mentioned in subject line.

You are requested treat this letter as Letter of Acceptance (LOA) with the entrusted work as per the details stated below:

## Deliverables:

S.No	Deliverables	Duration in Months
1	Literature Study	1
2	Identify ML Based Predictive Maintenance System	2
3	Develop Prototype Model	3
4	Deployment	3
5	Report Generation	3

We hereby accept your financial proposal of **Rs. 7, 20, 000/-** (Seven Lakhs Twenty Thousand Rupees Only). Kindly send proforma invoice and bank details for further process. Time period for the project is 1 year from LOA issue date. Terms & Conditions remain same as per MoU.

Regards

Ample Auto Tech Pvt. Ltd.

Director

Director

**Arvind Choudhary**

Managing Director

Gurgaon, Haryana

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