



# Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes\*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, PIN-679531 PH: +91-4884-259000, 274423 FAX: 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

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*amrto*

Dr. SUNNY JOSEPH KALAYATHANKAL  
 M.Tech, MBA, M.Sc, M.Phil, B.Ed  
 Ph.D (Computer Science), Ph.D (Maths)  
 PRINCIPAL  
 Jyothi Engineering College  
 Cheruthuruthy P.O.-679 531



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19-02-2019

Dr. Ajit Prabhu  
Head and Joint Director – ETP  
Kerala State Council for Science, Technology and Environment, TVM.

Ref: File No. ETP/03/2014/KSCSTE  
Order No. 141/2016/KSCSTE dated 2.06.2016  
Order No. 215/2018/KSCSTE dated 16.06.2018

Sub: Final submission of documents related to "Driver centric safety evaluation of two-lane rural highway"

1. Project completion report along with Final technical report
2. DD taken in favour of Member Secretary, KSCSTE for Rs.223830/- (No. 751267 dated 12-02-2019)
3. Audited Statement of expenditure and Utilisation Certificate

Sir,

With immense pleasure we hereby submit the Project Completion Report and Final Technical Report (5 hard copies and 1 soft copy in CD). Also, please find enclosed DD (No. 751267 dated 12-02-2019) for Rs.223830/- taken from Federal bank Ltd Cheruthuruthy extension counter, towards the balance amount of the project fund. Audited Statement of Expenditure and Utilisation Certificate is also attached.

We request you to release the Institution overhead in the college A/C

A/C Name: Jyothi Engineering College  
A/C No. 15250100001019  
IFSC: FDRL0001525

On behalf of Jyothi Engineering College, Cheruthuruthy, Thrissur we thank Kerala State Council for Science, Technology and Environment for giving us an opportunity to contribute to road safety research. Also, the support given by Dr. T. Elangovan, mentor of the project is greatly acknowledged. We look forward to your continued support in future endeavors.

Sincerely,

F01  
JISHA AKKARA  
Co-Investigatory  
Principal Investigator

Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O.-679531

True Copy Attested

Fr. Dr. Jaison Paul Mulerikkal CMI  
Head of the Institution

**UTILISATION CERTIFICATE**  
(For the 3rd year under ETP Scheme)

1	Title of the Project	Driver Centric Safety Evaluation of two-lane Rural Highway
2	Name and Designation of the Principal Investigator (PI)	Dr Anitha Jacob, Associate Professor
3	Name of the Institution	Jyothi Engineering College, Cheruthuruthy
4	KSCSTE Sanction Order No. & Date	141/2016/KSCSTE dated 02.06.2016
5	Approved total project cost as given in the Sanction Order	Rs.12,72,400/-
6	Amount released during the 1st year Council order No. and date	Rs.8,66,200/- Order No. 141/2016/KSCSTE Date 02.06.2016
	Amount sanctioned during the 2nd year Council order No. and date	Rs.2,85,643/- Order No.215/2018/KSCSTE Date 16.06.2018
7	Date of Start of the project	01.07.2016
8	Total amount that was available for Expenditure (excluding commitments) during the 1st year	8,66,200.00
	2nd year	2,85,643.00
	Interest	31,165.00
	Total	<u>11,83,008.00</u>
9	Actual expenditure (excluding commitments) incurred during the 1st year	481678.00
	2nd yer	450897.00
	Extended period	26603.00
	Total	<u>959178.00</u>
10	Balance amount available at the end of the 3rd year	<u>2,23,830.00</u>

**CERTIFICATE**

Certified that out of Rs.11,72,400/- of grant sanctioned for the project Driver Centric Safety Evaluation of two-lane Rural Highway in favour of Jyothi Engineering College, Cheruthuruthy, council has released for the first year Rs.8,66,200/- vide order No.141/2016/KSCSTE dated 02.06.2016 and Rs.2,85,643/- released vide order No.215/2018/KSCSTE dated 16.06.2018. Total amount available for the project including Rs.31,165/- being interest accrued during the period comes to Rs.11,83,008/-, out of which the institution has utilised an amount of Rs.9,59,178/- for the purpose for which it was sanctioned. We further certify that out of the amount available for the project an amount of Rs.2,23,830/- is unspent and the same has been refunded to KSCSTE by DD on 12.02.2019.

Signature of  
Principal Investigator

*Anitha Jacob*  
Dr. Anitha Jacob

Place: Cheruthuruthy  
Date:15.02.2019

Signature of Registrar /  
Head of the Institution

*Amal*  
**True Copy Attested**

DR. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O.-679 531

Signature & Seal of  
Chartered Accountant

For ABRAHAM & JOSE  
Chartered Accountants  
FRN : 000010 S

*Jose Pottokaran*  
JOSE POTTOKARAN  
Partner (No: 012056)



**JYOTHI ENGINEERING COLLEGE**  
**JYOTHI HILLS, PANJAL ROAD, VETTIKATTIRI P O, CHERUTHURUTHY, THRISSUR 679531**

Title of the Project: Driver Centric Safety Evaluation of Two Lane Rural Highway

KSCSTE Sanction Order No. and Date : 141/2016/KSCSTE dated 02.06.2016

Council (P) Order No.215/2018/KSCSTE dated 16.06.2018

**STATEMENT OF EXPENDITURE**

Sl No.	Head of expenditure	Total outlay for the project	Amount released for 1st year	Expenditure incurred in the 1st year	Amount released for 2nd year	Expenditure incurred in the 2nd year	Amount released for extended period	Expenditure incurred in the extended period	Total expenditure
		(Rs)	(Rs)	(Rs)	(Rs)	(Rs)	(Rs)	(Rs)	(Rs)
1	Manpower	422400.00	211200.00	208929.00	211200.00	193600.00	0.00	17600.00	420129.00
2	Consumables	75000.00	40000.00	1190.00	35000.00	61773.00	0.00	4321.00	67284.00
3	Equipment	415000.00	415000.00	228251.00	0.00	60554.00	0.00	0.00	288805.00
4	Travel	210000.00	160000.00	43284.00	50000.00	131010.00	0.00	1000.00	175294.00
5	Contingencies	50000.00	40000.00	0.00	10000.00	3950.00	0.00	3540.00	7490.00
6	Institutional overheads	100000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Any other	0.00	0.00	24.00	0.00	10.00	0.00	142.00	176.00
8	Interest accrued**	0.00	20557.00	0.00	0.00	0.00	10608.00	0.00	0.00
	<b>Total</b>								<b>959178.00</b>

\* Project year may be calculated from the date of start of the project

\*\* Not applicable in the case of Govt. Institutions / Universities

Date of start of project : 01.07.2016

Funds released so far:

Rs.1151843/-

Signature of  
Principal Investigator

*Dr. Anitha Jacob*  
Dr. Anitha Jacob

Place: Cheruthuruthy

Date: 15.02.2019

True Copy Attested

Signature of Registrar /  
Head of the Institution

*Amrutha*  
Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O.- 679 531

Signature & Seal of  
Chartered Accountant



For ABRAHAM & JOSE  
Chartered Accountants  
FRN : 000810 S

*Jose Pottonaran*  
JOSE POTTOKARAN  
Partner (No: 012056)





BY 088112

കേരളം കേരल KERALA

AND

Innovation and Entrepreneurship Development Centre at the Jyothi Engineering College, Cheruthuruthy, Vettikattiri P. O., Thrissur- 679531, Established with the support of the Kerala Startup Mission represented by Mr. Anil Antony Assistant Professor/IEDC Nodal Officer, Department of CSE, Jyothi Engineering College, Cheruthuruthy, Vettikattiri P. O., Thrissur- 679531, hereinafter referred to as the "IEDC" of the THIRD PART

WHEREAS Government of Kerala has a scheme to promote innovative idea by supporting through idea grant upto Rupees two lakhs for developing the prototype of the idea, productisation grant upto Rupees five lakh for converting the prototype into a markettable product and scale up the grant of Rupees Five lakh for scaling up of the product into a business. The ideas presented in the Idea days conducted by the Kerala Startup Mission will be evaluated by the Expert Committee and grants under the scheme will be released according to the recommendation.

AND WHEREAS the Awardee has submitted a proposal to consider the idea "Braillex" in the idea day for giving them grants under the above mentioned scheme.

*anand*  
 DR. JESVIN JOSEPH KALAYATHANKAL  
 M.Tech, M.Sc, M.Phil, B.Ed  
 Ph.D (Computer Science), Ph.D (Maths)  
 PRINCIPAL  
 Jyothi Engineering College  
 Cheruthuruthy P.O.- 679 531

True Copy Attested  
*[Signature]*

JESVIN JOSEPH PALATTY

*[Signature]*  
 ANIL ANTONY

നമ്പർ 13247 വില 100)  
 IEDC - കേരള സർക്കാർ  
 മെമ്പർഷിപ്പ് ഓഫീസ്  
 മെമ്പർഷിപ്പ് ഓഫീസ്



*[Signature]*

AND WHEREAS the idea submitted by the Awardee was placed in the idea day held on 12<sup>th</sup> May 2018 at Rajagiri Engineering college and the Expert Committee headed by the Secretary to Government, Electronics & Information Technology Department has recommended for a support of Rs. 2 lakhs against idea.

The amount of Rs. 2 lakhs will be released by the KSUM as installments. The 1<sup>st</sup> instalment as per the eligibility according to the requirements submitted by the awardee is Rs. 1 Lakh. The 1<sup>st</sup> installment of Rs. 1 lakh will be released through the IEDC on execution of this agreement.

The IEDC agreed that the amount will be transferred in full to the Awardee immediately on receipt of the same from the KSUM


The amount of Rs. 2 lakhs sanctioned under the scheme will be utilised by the Awardee only for the purpose of prototyping/productisation/scaling up the idea and that the entire amount will be utilised for the purpose in accordance with the utilisation plan and milestones submitted by the awardee which will also form part of this agreement as Annexure.


The Awardee will submit the details of utilisation to the IEDC immediately on utilisation along with the details of utilization and on receipt of the same the IEDC will submit the utilization certificate certified by the IEDC to KSUM within three months from the date of receipt of the amount.


Further instalments will be released only after getting the Utilization Certificate on the previous instalments shall be submitted by the IEDC within three months of receipt of the previous instalments.

Signed, sealed and delivered on the same day written above.

**B. SREEKUMARAN NAIR**  
Secretary & Registrar  
Kerala Startup Mission

  
**JESVIN JOSEPH PALATTY**  
Jyothi Engineering College  
Thrissur

  
**ANIL ANTONY**  
Asst. Professor  
Jyothi Engineering College  
Thrissur

  
**Dr. SUNNY JOSEPH KALAYATHANKAL**  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
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PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O.- 679 531

True Copy Attested



# Braillex:

## Fund Utilization Plan

**PREPARED FOR**

The Principal  
Jyothi Engineering College

**PREPARED BY**

Palatty Jesvin Joseph  
S7-ECE

True Copy Attested

*Sunny*

Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
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PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O. - 679 531



**From,**

**Palatty Jesvin Joseph**  
**Team Leader**  
**S7-ECE**

Cheruthuruthy  
5/09/2018

**To,**  
**The Principal**  
**Jyothi Engineering College**  
Cheruthuruthy  
5/09/2018

Respected Sir,

Re: Enclosed Fund Utilization Plan and Expected Milestones

We the team members of **Braillex** are aware that creating client-oriented hardware and software project takes a mixture of technical excellence and clear communication and we ensure you receive both. The project that we intend to create is now split in various sections of development and we can give a monthly report every second week of the month starting from the month of October. We also will be submitting the Account sheets for the expenses incurred every month along with the report. Monthly reviews of the project development can also be setup every first week of the month.

Please find enclosed our detailed KSUM Idea Grant's fund utilization plan and milestones for your kind consideration.

Finally, we realize that you are very busy and wanted to thank you in advance for your time spent reviewing our proposal.

Yours Truly,

Palatty Jesvin Joseph


True Copy Attested

*emaas*  
Dr. SUNNY JOSEPH KALAYATHANKAL  
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## Fund Utilization Plan-

Item	Purpose	Cost/Unity	Quantity	Total (In Rupees)
<b>Equipment</b>				
Dimensions 3d printer 1200e (Rent Per Hour)	Dot Matrix Printer Head Design and Development	315	50	15750
DSO(Rent Per Hour)	Testing	35	10	350
Function generator(Rent Per Hour)	Testing	35	10	350
Soldering Station	Hardware Assembly	2000	1	2000
3d Printer ultimaker (Rent Per Hour)	Body and Input Mechanism Development	35	120	4200
Arduino Mega	Control Unit	700	1	700
Glue Gun	Assembling	300	1	300
Helping Hands	Hardware Assembly	1500	1	1500
Multimeter	Testing	500	1	500
Dc adapter 9v	Power supply	325	1	325
Variable Power supply (Rent Per Hour)	Power supply	10	50	500
Stepper Motor Driver	Position Mechanism	1000	1	1000
CNC Milling (Rent Per Hour)	Dot Matrix Printer Head Design and Development	35	20	700
Precision Screwdriver	Assembling	250	1	250
Mini Drill Chuck	Hardware Assembly	250	1	250
Hacksaw	Assembling	300	1	300
Hot Air gun	Hardware Assembly	1500	1	1500
Tweezer set	Hardware Assembly	500	1	500
Crimping Tool	Hardware Assembly	500	1	500
Digital Vernier Callipers	Measurement	1000	1	1000
Digital Micrometer Screw Gauge	Measurement	2500	1	2500
Nose Plier	Assembling	150	1	150

True Copy Attested

  
**DR. SUNNY JOSEPH KALAYATHANKAL**  
 M.Tech, MCA, M.Sc, M.Phil, B.Ed  
 Ph.D (Computer Science), Ph.D (Maths)  
 PRINCIPAL  
 Jyothi Engineering College  
 P.O. - 679 531

Rotary Encoder	Hardware Assembly	500	1	500
Total Cost For Equipments				35,625
Material				
Wires	Circuit Connection	222	1	222
PLA	3D Printing	5000	3	15000
Glue Stick	Assembling	25	15	375
Electronic Parts	Hardware Assembly	N/A	N/A	5778
Total Cost For Materials				21,375
Other				
Travel		8000		
Machining Pins And PrintHead		35000		
Total Other Costs				43,000
Grand Total				1,00,000

## Expected Milestones -

Milestone	Tasks
September	
1 - Solenoid Experimental Study	
1.1	Purchase of commercially available Solenoids and Hardware components
1.2	Rewiring solenoids and Testing
1.3	Machining new Solenoids(If Required)
1.4	Control System Block Design
October	
2 - Development of Control System	
2.1	Design Of Position Control using Stepper Motors
2.2	Housing for single printhead created

*amr*  
 DR. SURESH JOSEPH KALAYATHAL  
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2.3	Development of Version 1.0 single head Printer started
	November
	3 - Testing 1.0
3.1	TTS Implementation
3.2	Testing of single Head Printer
3.3	Version 2.0 single head printer started
	December
	4 - Testing 2.0
4.1	Development of Version 2.0 single head Printer started
4.2	Testing And Debugging 2.0
	January
	5 - Testing 3.0
5.1	Testing And Debugging 2.0
5.2	Single head printer Optimizing
	February
	6- Design array Printer
6.1	Development of multiple pin printhead started
	March
	7-Housing Design
7.1	Housing For printhead array created
7.2	Testing
	April
	8-Control system Implementation
8.1	Design of Control System for Print head
8.2	Implementation Of Control System for Print head
	May
	9-Printer Design And Implementation 1

*maths*

Dr. SUNNY JOSEPH KALIA  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Thy P.O.-679 531

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9.1	Printer Control Board design
9.2	Position Block Implementation
June	
10-Printer Design And Implementation 2	
10.1	Printer testing

*Sunny*

Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, ICA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O.- 679 531

True Copy Attested

DST/ICPS/CPS-Individual/2018/1091(G)

Government of India  
Ministry of Science & Technology  
Department of Science & Technology

Technology Bhavan  
New Mehrauli Road  
New Delhi- 110 016  
Dated: 07.12.2018

ORDER

Subject: Financial assistance for the project entitled "Intelligent CPS Data Analytics Platform for a Metro Rail Transport System" submitted by Dr. Jaison Paul Mulerikkal, Professor, Department of Computer Science & Engineering, Jyothi Engineering College, Jyothi Hills, Panjal Road, Vettikattiri PO, Cheruthuruthy, Thrissur - 682 039, Kerala.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of ₹.24,96,000/- (Rupees Twenty Four Lakh Ninety Six Thousand only) for a duration of three years (36 months). The detailed breakup of the DST grant for General as well as Capital Components are given below:-

General Component: ₹.19,66,000/-  
Capital Component : ₹.5,30,000/-

2. The sanction of the President is also accorded to the release of Rs. 7,65,000/- (Rupees Seven Lakh Sixty Five Thousand only) under the recurring budget being the first installment of grant under "General Component" for implementation of the above mentioned project. The item of expenditure for which the total allocation of ₹.24,96,000/- has been approved for a period of 36 months are given below:

Non-recurring (Capital Items)

	HEAD	1 <sup>st</sup> Year DST	Total
1.	EQUIPMENT: Workstation with display	₹.5,30,000/-	₹.5,30,000/-
	TOTAL	₹.5,30,000/-	₹.5,30,000/-

Recurring items (General-DST component)

Sl.No	Item	BUDGET (in Rupees)			TOTAL
		1st Year	2nd Year	3rd year	
	Project Staff				
	JRF-02 @ Rs. 25,000/- pm for two years and SRF-01 @ Rs. 28,000/- for 3 <sup>rd</sup> year.	600000	600000	336000	1536000
2.	Consumables	35000	35000	30000	100000
3.	Travel	50000	50000	50000	150000
4.	Contingency	50000	25000	25000	100000
	Total	735000	710000	441000	1886000
5.	Overheads	30000	25000	25000	80000
	Grand Total	765000	735000	466000	1966000

*Dr. SUNNY JOSEPH*  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
Principal  
Jyothi Engineering College  
682 039

... P.T.O.

3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited Statement of Expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organization will have to enter and upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the division and entry of previous Utilization Certificate in the PFMS.

5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

6. The grant-in-aid being released is subject to the condition that

(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant:

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

7. *"The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), immediately after finalisation of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure / Utilisation Certificate for considering subsequent release of Grant/ Closure of Project accounts."*

8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GRE 2017), shall not be disposed of without obtaining the prior approval of DST.

9. In case the scheme provides for payment of honorarium/remuneration/fellowships/scholarship to the PI, a para may suitably be incorporated in the DST to the effect that "PI is not drawing any emoluments/salary/fellowship from any other project either supported by DST or by any other funding agency.

10. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

11. Due acknowledgement of technical support/financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications/media releases as well as in the opening paragraphs of their Annual Reports during and after completion of the project.

True Copy Attested

Dr. SUNNY JOSEPH (M.A., M.Sc., M.Phil., B.Ed.)  
(Assistant Professor, Science), Ph.D (Maths)

12. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

13. The overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project etc.

14. The expenditure involved is debitable to Demand No. 84, Department of Science & Technology for the year 2018-19:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60 200	:	Assistance to Other Scientific Bodies (Minor Head)
69	:	Research & Development (S&T).
69.00.31	:	Grants-in-Aid General for the year 2018-19 (Plan) (Previous:TDP-NRDMS-3425.60.200.26.01.31)

15. The amount of Rs. 7,65,000/- (Rupees Seven Lakh Sixty Five Thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the Principal, Jyothi Engineering College, Jyothi Hills, Panjal Road, Vettikattiri PO, Cheruthuruthy, Thrissur - 682 039, Kerala. The bank details for electronic transfer of funds through RTGS are given below:-

1. Name of the Account Holder : Principal, Jyothi Engineering College
2. Name of Bank : Federal Bank Limited
3. Bank Account Number : 15250100001019
4. IFSC Code : FDRL0001525

NITI Aayog NGO Darpan Unique ID : KL/2018/0198849

16. As per Rule 234 of GFR 2017, this sanction has been entered at Sl.No. 8 in the register of grants maintained in the Division for the scheme (Innovation, Technology Development and Deployment).

17. This issues with the concurrence of IFD vide their Concurrence Dy. No. C/3951/IFD/2018-19 dated 07.12.2018.

18. It is certified that all the Utilization Certificate in regard of all schemes/programmes/projects, present and previous pertaining to the institute have been received and no UC is pending against the organization as per the details in the PFMS also.

The Pay & Accounts Officer  
Department of Science & Technology  
New Delhi -110 016.

*anand*  
Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
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PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O.- 679 531

*R. Sharma*  
Dr. Rajeev Sharma,  
Scientist-E  
Tele:26590310

True Copy Attested

Copy for information and necessary action:

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
2. Accounts Section, DST, New Delhi.
3. IFD, DST, New Delhi.
4. Director of audit (CW&M-II) AGCR Building, IP Estate, New Delhi.



-4-

- 5. Principal, Jyothi Engineering College, Jyothi Hills, Panjal Road, Vettikattiri PO, Cheruthuruthy, Thrissur - 682 039, Kerala.
- 6. Dr. Jaison Paul Mulerikkal, Professor, Department of Computer Science & Engineering, Jyothi Engineering College, Jyothi Hills, Panjal Road, Vettikattiri PO, Cheruthuruthy, Thrissur - 682 039, Kerala.
- 7. Head, ICPS, DST
- 8. Sanction folder.

*R. J. Sharma*  
 Dr. Rajeesh Sharma,  
 Scientist-I  
 Tele: 26590310

True Copy Attested

*emma s*

Dr. SUNNY JOSEPH KALAYATHANKAL  
 M.Tech, MCA, M.Sc, M.Phil, B.Ed  
 Ph.D (Computer Science), Ph.D (Maths)  
 PRINCIPAL  
 Jyothi Engineering College  
 Cheruthuruthy P.O. - 679 531

Subject:

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16. This issues with the concurrence of IFD vide their Concurrence Dy No C/3950/IFD/2018-19 dated 07.12.2018.

17. It is certified that all the Utilization Certificate in regard of all schemes/programmes/projects, present and previous pertaining to the institute have been received and no UC is pending against the organization as per the details in the PFMS also.

*R. Sharma*  
Dr. Rajeev Sharma,  
Scientist-E  
Tele:26590310

The Pay & Accounts Officer  
Department of Science & Technology  
New Delhi -110 016.

Copy for information and necessary action:

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
2. Accounts Section, DST, New Delhi.
3. IFD, DST, New Delhi.
4. Director of audit (CW&M-II) AGCR Building, IP Estate, New Delhi.
5. Principal, Jyothi Engineering College, Jyothi Hills, Panjal Road, Vettikattiri PO, Cheruthuruthy, Thrissur - 682 039, Kerala.
6. Dr. Jaison Paul Mulerikkal, Professor, Department of Computer Science & Engineering, Jyothi Engineering College, Jyothi Hills, Panjal Road, Vettikattiri PO, Cheruthuruthy, Thrissur - 682 039, Kerala.
7. Head, ICPS, DST.
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*R. M. K. K.*  
Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O. - 679 531

*R. Sharma*  
Dr. Rajeev Sharma,  
Scientist-E  
Tele:26590310

DST/ICPS/CPS-Individual/2018/1091

Government of India  
Ministry of Science & Technology  
Department of Science & Technology

Technology Bhavan  
New Mehrauli Road  
New Delhi- 110 016  
Dated: 23.09.2020

ORDER

Subject: Financial assistance for the project entitled "Intelligent CPS Data Analytics Platform for a Metro Rail Transport System " sponsored to Dr. Jaison Paul Mulerikkal, Professor, Department of Computer Science & Engineering, Rajagiri School of Engineering and Technology, Rajagiri Valley, Kakkanad, Kochi-682039, Ernakulam, Kerala.

In continuation of this Department's Sanction Order dated 07.12.2018, sanction of the President is conveyed to the payment of **Rs.7,35,000/-** (Rupees Seven Lakh Thirty Five Thousand only) to Rajagiri School of Engineering and Technology, Rajagiri Valley, Kakkanad, Kochi-682039, Ernakulam, Kerala being the **second** instalment of grant for implementation of the said project during 2020-21.

2. The project also stands transferred from Jyothi Engineering College, Jyothi Hills, Panjal Road, Vettikattiri PO, Cheruthuruthy, Thrissur-679531, Kerala to Rajagiri School of Engineering and Technology, Rajagiri Valley, Kakkanad, Kochi-682039, Ernakulam, Kerala.

3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/ accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/ final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

6. The grant-in-aid being released is subject to the condition that

(a) a transparent procurement procedure in line with the Provision of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

True Copy Attached

*ASUNATH*  
Dr. SUNNY JOSEPH KALAYATHAN  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Engineering College  
679 531

*R Sharm*

... Contd/-

7. "The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure / Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts".

8. Continuation of project beyond 31.03.2021 will be subject to appraisal and approval of the continuation of the scheme under which the project is funded.

9. (a). DST reserves sole rights on the assets out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

(b). DST reserves rights to close the project activity any time based on the review of progress of the project.

(c). A prior intimation to DST by grantee is must before leaving the country for attending conference/availing any short term fellowship abroad during the project tenure.

10. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C & AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

11. Due acknowledgment of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

12. The expenditure involved is debitable to Demand No.87, Department of Science & Technology for the year 2020-21:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.200	:	Assistance to Other Scientific Bodes (Minor Head)
71	:	Research & Development.
71.03.31	:	Grants-in-aid General for the year 2020-21 (Plan)
*( Previous:3425.60.200.63.01.31-Super Computing Facility & Capacity Building)		

13. The amount of **Rs.7,35,000/-** (Rupees Seven Lakh Thirty Five Thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the Principal, Rajagiri School of Engineering and Technology, Rajagiri Valley, Kakkanad, Kochi-682039, Ernakulam, Kerala. The bank details for electronic transfer of funds through RTGS are given below:

Institution Account Name	Principal, Rajagiri School of Engineering and Technology, Kochi-682039, Kerala.
Saving Bank Account Number	920010048169239
Name of Bank	Axis Bank
Branch Name	Palarivattom
IFSC Code	UTIB0000691
MICR Code	682211005

14. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 13 in the register of grants maintained in the Division for the scheme.

Dr. SUNNY JACOB  
M.Tech, MCA, M.Sc, M.Phil,  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O.-679 531

R. Sharme

...Contd/

True Copy Attested

15. This issues with the concurrence of IFD Vide their Concurrence Dy. No. C/1992/IFD/2020-21 dated 21.09.2020.

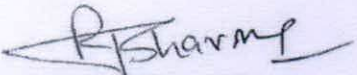
16. It is certified that all the Utilization Certificate in regard of all schemes/programmes/projects, present and previous pertaining to the institute have been received and no UC is pending against the organization as per the details in the PFMS also.


  
(Dr. Rajeev Sharma)  
Scientist-'E'  
011-26590310

To  
The Pay and Accounts Officer,  
Department of Science & Technology,  
New Delhi.

Copy for information and necessary action to: -

1. Cash Section (3 copies) for making the payment to the grantee.
2. Account Section.
3. Director of Audit, (Scientific Department), AGCR Building, New Delhi - 110 002.
4. Principal, Rajagiri School of Engineering and Technology, Rajagiri Valley, Kakkanad, Kochi-682039, Ernakulam, Kerala.
5. Dr. Jaison Paul Mulerikkal, Professor, Department of Computer Science & Engineering, Rajagiri School of Engineering and Technology, Rajagiri Valley, Kakkanad, Kochi-682039, Ernakulam, Kerala.
6. Head, ICPS, DST (FFT Division)
7. Sanction Folder

  
(Dr. Rajeev Sharma)  
Scientist-'E'  
011-26590310

  
Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O.-679 531

True Copy Attested



31-Mar-17

To

Dr. Jaison Paul Mulerikkal  
Professor  
Department of Computer Science & Engineering  
Rajagiri School of Engineering & Technology  
Kakkanad, Ernakulam- 682 039, Kerala

Sir,

Sub: Letter of support for the research project, **"INTELLIGENT CPS DATA ANALYTICS PLATFORM FOR A METRO RAIL TRANSPORT SYSTEM"**

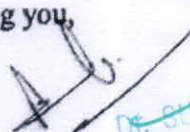
Ref: MoU signed between KMRL& RSET, dated 06-Oct-2016

We thank RSET for the presentation on research project, **"INTELLIGENT CPS DATA ANALYTICS PLATFORM FOR A METRO RAIL TRANSPORT SYSTEM"** and proposal for associating KMRL with the research project on the said subject.

Since, KMRL intends to implement an intelligent, integrated public transport system for the city of Kochi, we are pleased to associate with you as a research partner, in accordance with the terms of the MoU cited above so as to share with you the available platforms and human resource hours within KMRL for the said project. Subject to the technical feasibility, confidentiality and commercial aspects, required data for the project would be made available by KMRL. We understand this association is at no extra cost to KMRL. The results of the research shall be shared with KMRL and KMRL is free to use the results and related data without any restrictions.

This letter is issued to RSET for submitting the **"INTELLIGENT CPS DATA ANALYTICS PLATFORM FOR A METRO RAIL TRANSPORT SYSTEM"** project to Department of Science and Technology.

Thanking you,

  
Addl. General Manager (Finance & IT)

*Roman's*  
DR. SUNNY JOSEPH KALAYATHIL  
M.Tech, MCA, M.Sc, M.Phil  
(Science), Ph.D  
PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O.-679 504



True Copy Attested





Dr. Rajeev Sharma  
Scientist "F", ICPS (FFT) Division  
Room No : 2, Hall-C  
Telephone : 26602187, 26590310  
26562135, 26567373, 310  
E-mail: rajeev.sharma@nic.in  
Mobile : 09971888229, 099108933 89

GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
TECHNOLOGY BHAVAN  
NEW MEHRALI ROAD  
NEW DELHI - 110 016

Reference No: DST/ICPS/CPS-Individual/2018/1091

Dated : 22.02.2021

Subject: **Project entitled "Intelligent CPS Data Analytics Platform for a Metro Rail Transport System "**.

Dear Dr Sunny Joseph Kalayathankal,

As you may be aware that the above project was sponsored to Dr. Jaison Paul Mulerikkal at a total cost of Rs. 24,96,000/- with the initial release of Rs. 7,65,000/- under the Recurring grant and Rs. 5,30,000/- under the Non-recurring grant during the financial year 2018-19 to Jyothi Engineering College.

As per the request received from Dr. Jaison, the project has now been transferred to Rajagiri School of Engineering and Technology, Rajagiri Valley, Kakkanad, Kochi-682039 on 23.09.2020 after obtaining necessary consent documents from both the institutes.

Department has received a request from Dr. Jaison Paul for the permission to transfer the computing resources - the computing cluster and the desktops - associated with the project from Jyothi Engineering College to Rajagiri School of Engineering and Technology.

As per the terms and conditions of the project, all the assets procured under the project should also be transferred to the new institute along with the project where the PI has been transferred.

In view of the above, you are requested to kindly make necessary arrangements to transfer the assets procured under the above project from Jyothi Engineering College to Rajagiri School of Engineering and Technology for utilizing the same in the project activities.

With regards,

Yours Sincerely,

*Rajeev Sharma*  
**Dr Sunny Joseph Kalayathankal,**  
Principal (Professor & Dean-Research)  
Jyothi Engineering College,  
Jyothi Hills, Vettikattiri P.O.,  
Cheruthuruthy,  
Thrissur-679531, Kerala.

*Rajeev Sharma*  
**SUNNY JOSEPH KALAYATHANKAL**  
M.Tech, ICA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O.-679 531  
(Rajeev Sharma)

Copy to : **Fr Dr Jaison Paul Mulcrikkal**, Vice Principal & Professor, Computer Science, Rajagiri School of Engineering & Technology (Autonomous), Rajagiri Valley, Kakkanad, Kochi, India - 682 039

True Copy Attested



# Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes\*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O. CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777

NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

## 1. Intelligent CPS Data Analytics Platform for a Metro Rail Transport System

### TAX INVOICE

(DUPLICATE FOR TRANSPORTER)

<b>TECHNOLINE SYSTEMS &amp; SERVICES</b> 37/597 B.M.L.ITH CROSS ROAD MUTTATHIL LANE KADAVANTRA COCHIN 20 0484 2200010, 2200017 GSTIN/UIN : 32AAAT14000127 State Name : Kerala, Code : 32 Contact : 0484 2200010, 17 E-Mail : info@techlineindia.com		Invoice No. : 2831 e-Way Bill No. : 591057092002 Dated : 30-Mar-2019				
<b>Consignee</b> <b>THE PRINCIPAL</b> JYOTHI ENGINEERING COLLEGE JYOTHI HILLS, VETTIKATTIRI P.O. CHERUTHURUTHY THRISSUR Phone +91 4884 259255 GSTIN/UIN : 32AAATT6583F1ZF PAN/T No : State Name : Kerala, Code : 32		Delivery Note : Supplier's Ref. : 4828 Buyer's Order No. : JECC/5/A/3/18-19/066 Dispatch Document No. : Despatched through : Destination : Terms of Delivery :				
<b>Buyer (if other than consignee)</b> <b>THE PRINCIPAL</b> JYOTHI ENGINEERING COLLEGE JYOTHI HILLS, VETTIKATTIRI P.O. CHERUTHURUTHY THRISSUR Phone +91 4884 259255 GSTIN/UIN : 32AAATT6583F1ZF PAN/T No : State Name : Kerala, Code : 32		Mode/Terms of Payment : Other Reference(s) : Dated : 28-Mar-2019 Delivery Note Date :				
Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	DELL POWER EDGE T30/E3-1225/8GB/1TB /DVD/SVR HQ7HYH2, 5HTHYH2 GM7HYH2, GDG6HYH2 3 Year NBD Onsite Warranty	84733099	4.00 Nos.	85,850.00	Nos.	3,43,400.00
2	DELL SERVER RAM 370-ADPS/8GB KROMT9MY1012019IPQ69 KROMKF721012019IPQ27 KROMT9MY1012019IPQ56 KROMT9MY1012019IPQ59 KROMT9MY1012019IPQ62 KROMT9MY1012019IPQ68 KROMT9MY1012019IPQ62 KROMT9MY1012019IPQ53 KROMT9MY1012019IPQ65 KROMT9MY1012019IPQ63 KROMKF721012019IPQ22 KROMKF721012019IPQ17 3 Year NBD Onsite Warranty	84733099	12.00 Nos.			
3	SSD 120GB KINGSTON 74061727548, 74061727549 74061727548, 74061727548 3 Year NBD Onsite Warranty	84733099	4.00 Nos.			

True Copy Attested

continued True Copy Attested

*Amang*

Dr. SUNNY JOSEPH KALAYATHANKAL  
 M.Tech, MCA, M.Sc, M.Phil, B.Ed  
 Ph.D (Computer Science), Ph.D (Maths)  
 PRINCIPAL  
 Jyothi Engineering College  
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*Adonis*

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 Cheruthuruthy P.O.- 679 531

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ESTD 2002

# Jyothi Engineering College

N.A.A.C Accredited College with N.B.A Accredited Programmes\*

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A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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## TAX INVOICE (Page 2) (DUPLICATE FOR TRANSPORTER)

<b>TECHNOLINE SYSTEMS &amp; SERVICES</b> 272027 B.M.L. BTH CHODUR ROAD PATTAYATI LANE KASAVANILLA COCHIN 20 CHIEF EXECUTIVE OFFICE, 2200017 GSTIN/UIN : 32AAHT482G027 State Name : Kerala, Code : 32 Contact : 0484 259000, 17 E-Mail : info@technolines.com	Invoice No. <b>2031</b>	e-Way Bill No. <b>891097082002</b>	Dated <b>30-Mar-2019</b>
Consignee <b>THE PRINCIPAL</b> JYOTHI ENGINEERING COLLEGE JYOTHI HILLS, VETTIKATTI P.O. CHERUTHURUTHY THRISSUR Phone : +91 4884 259255 GSTIN/UIN : 32AAATT6583F1ZF PAN/IT No : State Name : Kerala, Code : 32	Delivery Note	Supplier's Ref. <b>4828</b>	Mode/Terms of Payment
Buyer (if other than consignee) <b>THE PRINCIPAL</b> JYOTHI ENGINEERING COLLEGE JYOTHI HILLS, VETTIKATTI P.O. CHERUTHURUTHY THRISSUR Phone : +91 4884 259255 GSTIN/UIN : 32AAATT6583F1ZF PAN/IT No : State Name : Kerala, Code : 32	Buyer's Order No. <b>JECC/6/A/3/18-19/066</b>	Other Reference(s)	Dated <b>28-Mar-2019</b>
	Dispatch Document No.	Despatched through	Delivery Note Date
	Destination	Terms of Delivery	

Sl. No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
4	DELL OPTIPLEX 5060MT/I5-8500/4GB/1TB /UBN/10.5/DVD/3 Additional 4GB Added 2XKXDV2, 6P5XDV2 DZZGVQ2, 9XZGVQ2 3 Year NBD Onsite Warranty	84733099	2.00 Nos.	43,800.00	Nos.	87,600.00
5	DLINK 1216-28G WEB MANAGED 24 PORT SWITCH S30Q21000070 3 Year NBD Warranty	84733099	1.00 Nos.	9,500.00	Nos.	9,500.00
6	HARDDISK 4TB WD MY PASSPORT WX91DC89DRVA 3 Year Warranty	84733099	1.00 Nos.	7,350.00	Nos.	7,350.00
7	PCI EXPRESS LAN CARD	84733099	4.00 Nos.			
8	NVIDIA QUADRO P1000 4GB 4DP GRAPHIC CARD 3 Year Warranty	84733099	4.00 Nos.			
						4,47,850.00
	SGST OUTPUT 9%			9 %		40,306.50
	CGST OUTPUT 9%			9 %		40,306.50
	<b>Total</b>		<b>32.00 Nos.</b>			<b>₹ 5,28,463.00</b>

Amount Chargeable (in words) **Indian Rupees Five Lakh Twenty Eight Thousand Four Hundred Sixty Three Only**

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
84733099	4,47,850.00	9%	40,306.50	9%	40,306.50	80,613.00
<b>Total</b>	<b>4,47,850.00</b>		<b>40,306.50</b>		<b>40,306.50</b>	<b>80,613.00</b>

Tax Amount (in words) : **Indian Rupees Eighty Thousand Six Hundred Thirteen Only**

Company's Bank Details  
 Bank Name : SOUTH INDIAN BANK LTD  
 A/c No. : 005808400000007  
 Branch & IFS Code : BANERJEE ROAD & SIBL0000098  
 for TECHNOLINE SYSTEMS & SERVICES

Company's Service Tax No. : AABFT482GSD002  
 Company's PAN : AABFT482G

**Declaration**  
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

SUBJECT TO ERNAKULAM JURISDICTION

True Copy Attested

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True Copy Attested

Dr. SUNNY JOSEPH KALAYATHANKAL  
 M.Tech, MCA, M.Sc, M.Phil, B.Ed  
 Ph.D (Computer Science), Ph.D (Maths)  
 PRINCIPAL  
 Jyothi Engineering College  
 Cheruthuruthy P.O. - 679 531



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JYOTHI HILLS, VETIKATTIRI P.O. CHERUTHURUTHY, THRISSUR. PIN-679531 PH: +91- 4884-259000, 274423 FAX: 04884-274777



NBA accredited 8.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited 8.Tech Programme in Civil Engineering valid for the academic years 2019-2022.



Ground floor / 37-597B Mt 8 Cross Road/ Muttathil Lane / Kadavanthra / Cochin-682020.  
Ph: 0484 - 2206016, 2206017, www.technolineindia.com

## INSTALLATION REPORT

Customer Name & Address	Jyothi eng Collage, VettiKattiri, po	Contact Person With Number & email	Sc. Sajanraj Ph. 8606554500
Product 1 Make, Model & Quantity		Date of Purchase	
		Date of Installation	
Product 2 Make, Model & Quantity		Date of Purchase	
		Date of Installation	
Product 3 Make, Model & Quantity		Date of Purchase	
		Date of Installation	
Product 4 Make, Model & Quantity		Date of Purchase	
		Date of Installation	
Product 5 Make, Model & Quantity		Date of Purchase	
		Date of Installation	
Any Other Specific Installation Required by Customer	4 server (dell), 2 (client dell) installed.		
Report	Completed / Partial / Pending / Site Not Ready / Not Required for Customer		
End Customer Evaluation	Very Good / Average / Not Satisfied <i>Good</i>		
End Customer Comments if Any			
End Customer Sign with Name, Designation & Seal	Sajanraj T.S. <i>Verified</i> <i>VINO D.K.</i>		
Engineer Sign with Name	<i>W</i> <i>Ritika</i>		
Date of Completion			

True Copy Attested

True Copy Attested

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Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL

*ennd*