Approved by AICTE | Accredited By NAAC | Affiliated to Anna University

Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305. Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in,www.nsit.edu.in

# CRITERIA-VI GOVERNANCE, LEADERSHIP AND MANAGEMENT

## 6.4 - FINANCIAL MANAGEMENT AND RESOURCE MOBILIZATION

# 6.4.3 - INSTITUTIONAL STRATEGIES FOR MOBILIZATION OF FUNDS AND THE OPTIMAL UTILIZATION OF RESOURCES

### **INDEX**

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Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,

admin@nsit.edu.in,www.nsit.edu.in

# INSTITUTIONAL STRATEGIES FOR UTILIZATION OF RESOURCES



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Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.

Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,

admin@nsit.edu.in,www.nsit.edu.in

## INSTITUTIONAL STRATEGIES FOR MOBILISATION OF FUNDS AND THE OPTIMAL UTILISATION OF RESOURCES

The Institution receives funds from various sources and utilise it for various activities. The various sources from which the funds received are listed below:

- 1. Fees Collection from Students
- 2. Sponsorships and Donations
- 3. Smt Mahalakshmi Ammal Trust contribution

The Institution utilises funds for various developments of staff and Organisation. Some of which are listed below;

- 1. On recurring expenses i.e. Salary, Academic activities
- 2. Infrastructural Development
- 3. Research and Project activities
- 4. To conduct Seminar, Conference, Workshop etc.
- 5. To renew the membership in the library activities.
- 6. To carry out CSR activities like Blood donation camp, medical camp etc.
- 7. To purchase journals, magazines etc.
- 8. To purchase reference and text books for the department library
- 9. To Celebrate Festivals and Co-curricular activities like sports day, college day
- 10. To provide welfares to teaching and non-teaching staff

SARATHY AND TONHOLD TO

Or. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarabhy Institute
of Technology
Poosaripatty, Statem 626 305.



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Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.

Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

# INCOME & EXPENDITURE STATEMENTS



Approved by AICTE | Accredited By NAAC | Affiliated to Anna University

Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.

Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,

admin@nsit.edu.in,www.nsit.edu.in

# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Phone: 04290 - 249661

04290 - 249662

Fax: 04290 - 249663 Mobile: 93449 72274

93449 72275

admin@nsit.edu.in

Date: 12.01.2021

To

#### M/S. SHRINIVAS SYSTEMS

31, Chairman Ramalingam St.

Pattai Kovil.

Salem - 636 001

Dear Sir,

Sub: Purchasing order for Switches - Reg.

With reference to the above subject and as per quotation, we are pleased to place order for the Switches as given below.

S.No	Name of the Item	Qty	Price	Amount
1.	DLink 8 port Gigabyte Switches	4	1750.00	7000.00
2	DLink 24 port Gigabyte Switches	3	5400.00	16200.00
	(Twenty Three	Thousand and	Grand Total Two Hundred only)	Rs.23,200.00

#### **Terms & Conditions:**

Taxes

Inclusive of all

Delivery

7 day

7 days from the date of PO

Payment

:

100% after Delivery

Thanking You,

CHAIRMAN

CHAIRMAN

HARASUS SARATHY INSTITUTE OF TECHNOLOGY

POOSARIPATTY

KADAYAMPATTY (TK), SALEM-638 305





Approved by AICTE | Accredited By NAAC | Affiliated to Anna University

04290 - 249662 04290 - 249663

Mobile: 93449 72274

Phone: 04290 - 249661

93449 72275

admin@nsit.edu.in

Date: 12.01.2021

To

### M/S. DigitalTrack Solutions Private Limited

No:11, Uzhaippalar Street, Near Sakthi Avenue, Vellakinar Coimbatore - 641029

Dear Sir.

Sub: Purchasing order for Router - Reg.

With reference to the above subject and as per quotation, we are pleased to place order for the Router as given below.

S.No	Name of the Item	Qty	Price	Amount
1.	XG 230 rev. 2 Security Appliance - IN power cord -	1	193520	193520
2	XG 230 Enhanced Support - 12 MOS	1	42480	42480
3	Implementation & Support Charges	1	3540	3540
	(Two Lakhs Thirty Nine Thousand a	Grand Total dred and Forty only)	2,39,540.00	

#### **Terms & Conditions:**

**Taxes** 

Inclusive of all

Delivery

7 days from the date of PO

**Payment** 

100% after Delivery

Thanking You,

SARATHY INSTRUTE OF TECHNOLOGY

KADAYAMPATTY (TK), SALEM-636 305

10/1/21

## NARASU'S SARATHY INSTITUTE OF TECHNOLOGY Department of Computer Science & Engineering

#### **EQUIPMENT PURCHASE**

COMPARATIVE STATEMENT **RECURRING / NON - RECURRING UNDER** 

			Name of the Suppliers					
S.No	Description of the item to be purchased	Qty.	M/S.SHRINIVAS SYSTEMS, SALEM		M/S.DIGITALTRACK SOLUTIONS, COIMBATORE			
			Unit price	Total price	Ut it price	Total price		
1	XG 230 rev. 2 Security Appliance - IN power cord -	1	171250	171250	193520	193520		
2.	XG 230 Enhanced Support - 12 MOS	1	95403	95403	/ 42480	42480-		
3	Implementation & Support Charges	1	6750	6750 <sup>-</sup>	3540	3540		
4	DLink 8 port Gigabyte Switches	4	1750	7000′				
5	DLink 24 port Gigabyte Switches	3	5400	16200				
TERMS	& CONDITIONS	Price: I	ty: 1 Year nclusive of all nt: 100% Advance		War-anty: 1 Year Price: Inclusive o Payment: 100% A	fall		
RECOM	IMENDATIONS			Rs.23,200.00 (Item No:4 & 5)	Rs.2,39,540.00			

HEAD OF DEPARTMENT PRINCIPAL

Total Budget tory

Rouler and Switches 9: Rs. 2,62,740/-



## **Quotation for Firewall**

HRINIVAS SYSTEMS <shrinivassystems@gmail.com>

Wed, Jan 6, 2021 at 6:15 F

o: Rameshkumar M <mrkkumarsin@gmail.com>

Dear Sir,

Kindly find herewith the Quotation for Firewall Device

S.No	Description	UNIT PRICE	Qty	Price (Including GST)
1	SOPHOS XG230 HARDWARE APPLIAMCE	171250	1	171250
2	1 YEAR ENTERPRISES GUARD LICENSES (24X7)	95403	1	95403
		TOTAL		266653
3	INSTALLATION AND CONFIGURATION CHARGES		1	6750
	GRAND TOTAL			273403

For any clarification kindly do call us.

Thanking You

T.MANIKANDA SRINIVAS SHRINIVAS SYSTEMS, +91 94432 61283, 0427 - 4266005.



#### wd: Quotation for Router - reg

rinivasan Bsrinivasan <br/> srinidpe@gmail.com> o: mrkkumarsin@gmail.com

Sat, Dec 5, 2020 at 9 25 A

----- Forwarded message ------

From SHRINIVAS SYSTEMS <shrinivassystems@gmail.com>

Date: Fri, Dec 4, 2020 at 2:49 PM

Subject: Re: Quotation for Router - reg

To: Srinivasan Bsrinivasan <br/> srinidpe@gmail.com>

Dear Sir.

Kindly find herewith the Pricing for Dlink Switches

DLINK DGS - 1008 - 8PORT GIGABYTE SWITCH - Rs.1750.00

DLINK DGS - 1024 - 24PORT GIGABYTE SWITCH - Rs.5400.00

Thanking You

T.MANIKANDA SRINIVAS SHRINIVAS SYSTEMS,

+91 94432 61283, 0427 - 4266005.

On Wed, Nov 11, 2020 at 4:32 PM Srinivasan Bsrinivasan <a href="mailto:srinidpe@gmailt.com">bsrinidpe@gmailt.com</a> wrote: Dear Sir

pls send the lowest quotation for router with the following configuration

Router -

10×10/100/1000 Ethernet

ports,10000 Mbps Firewall

roughput, 1200 Mbps UTM

Throughput

Thanking You B Srinivasan NSIT 9500340237

Router: Rs. 2,66,844

Switch (8 port) 7,000

Switch (24 port) - 16,200

Rs. 2,90,044/-

## Costing



### Sophos XG230 Quote:

Part No	Descriptions	Unit Price	Total	Tax	Nett Total
XG23T2HIN	XG 230 rev. 2 Security Appliance - IN power cord	164000	164000	18%	193520
EN231CEAA	XG 230 Enhanced Support - 12 MOS	36000	36000	18%	42480
	DigitalTrack implementation & Support Charges	3,000	3,000	18%	3540
			203000		239540

## Terms and Conditions

Payment Terms: 100% Advance.

Tax: GST 18% Included,

All Cheques / Demand Drafts are to be made payable at Chennal and to be drawn in favour of - DigitalTrack Solutions Pvt Ltd.

> Delivery: 2-3 Weeks.

Quote Valldity: 30 days.

## Costing

### Sophos XG230 Quote:

Part No	Descriptions	Unit Price	Total	Tax	Nett Total
XG23T2HIN	XG 230 rev. 2 Security Appliance - IN power cord	169560	169560	18%	200080
EN231CEAA	XG 230 Enhanced Support - 12 MOS	46580	46580	18%	54964
	DigitalTrack Implementation & Support Charges	10,000	10000	18%	11800
			226140		266844

#### Terms and Conditions

- Payment Terms: 100% Advance.
- Tax: GST 18% Included.
- All Cheques / Demand Drafts are to be made payable at Chennai and to be drawn in favour of DigitalTrack Solutions Pvt Ltd.
- Delivery: 2-3 Weeks.
- Quote Validity: 30 days.

Appropries Mob No!
Appropries Myronol.

2,03,000 + 18 GST. include installation.

Porcept.

15 ×11 200

Department of Computer Science and Engineering

Date: 09.11.2020

#### Submitted to the Chairman/Pro Chairman/Vice Chairman through Principal

Permission is requested to procure the following components to increase the internet speed in our campus.

S.No	Description	Quantity	Appx. Price	
1	Cyberoam Router CR200iNG (UTM Appliance) – 10×10/100/1000 Ethernet ports,10000 Mbps Firewall Throughput, 1200 Mbps UTM Throughput	1	1,10,000.00	
2	24 Port Gigabit Switches (D- Link)	3	10,500.00	
3	8 Port Gigabit Switches (D- Link)	4	10,000.00	
4	Microsoft campus Agreement	50 users	1,80,000.00	
		Total (Appx.)	3,10,500.00	

**Network Administrator** 

Kindly chuh stoch for the alon.

If not availed there. Chairman/Pro Chairman/Vice Chairman

Auctual to runn quotations.

John Vendous.

I was



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Poosaripatty, Kadayampatti Taluk, Salem - 636 305, Tamil Nadu. India.

Phone: 04290 - 249661 04290 - 249662

Fax: 04290 - 249663

Mobile: 93449 72274 93449 72275

admin@nsit.edu.in

Date: 12.01.2021

To

## M/S. BALAJI TRIBO LUBRICANTS

No.552 & 557, Meyyanoor Main Road,

Opp. Gokulam Hospital

Salem - 536 004

Dear Sir,

Sub: Purchasing order for UPS Batteries - Reg.

With reference to the above subject and as per quotation, we are pleased to place order for the UPS Batteries as given below.

S.No	Name of the Item	Qty	Price	Amount
1.	SF Sonic Power box -12 V, 150Ah (Batteries for 30KVA UPS)	30	10950.00	328500.00
	(Three Lakhs Twenty Eighty T	housand and	Grand Total Five Hundred only)	Rs.3,28,500.00

Note: The Scrab Batteries may be taken Rs.2000.00 per battery

#### Terms & Conditions:

Taxes

Inclusive of all

Delivery

7 days from the date of PO

Payment

100% after Installation.

Thanking You,

NARASU'S SARATHY INSTITUTE OF TECHNOLOGY

KADAYAMPATTY (TK), SALEM-636 305



## NARASU'S SARATHY INSTITUTE OF TECHNOLOGY

## Department of Computer Science & Engineering

#### **EQUIPMENT PURCHASE**

COMPARATIVE STATEMENT
RECURRING / NON - RECURRING UNDER

Description of the item to be purchased		Name of the Suppliers				
	Qty.	y. M/S.BALAJI TRIBO LUBRICANTS, SALEM		M/S.TRIUM ELECTRIC, COIMBATORE		
		Unit price	Total price	Unit price	Total price	
Batteries for 30 KVA UPS - 12 V, 150AH	30	10950	328500	15500	465000	
			tery	Brand Name: Exide Battery		
P. CONDITIONS						
& CONDITIONS	Price:	Inclusive of all		Price: Inclusive of all		
	Payme	nt: 100% after deliv	ery	Payment: 100% after delivery		
	Note:	Scrab Battery Rs.20	00 per Battery	Note: Scrab Battery Rs.2000 per Battery		
TOTAL		Rs.3,28,500.00		Rs.4,65,000.0		
MENDATIONS	The order may recommended for M/S.Balaji Tribo Lubricants, Salem					
	purchased  Batteries for 30 KVA UPS – 12 V, 150AH  CONDITIONS	purchased  Batteries for 30 KVA UPS – 12 V, 150AH  Brand Warran Price: Payme Note:	Purchased  Unit price  Batteries for 30 KVA UPS – 12 V, 150AH  Brand Name: SF Sonic Bat Warranty: 3 Year  Price: Inclusive of all  Payment: 100% after delive Note: Scrab Battery Rs.20	Description of the item to be purchased  Qty. M/S.BALAJI TRIBO LUBRICANTS, SALEM  Unit price Total price  Batteries for 30 KVA UPS – 12 V, 150AH  Brand Name: SF Sonic Battery Warranty: 3 Year Price: Inclusive of all Payment: 100% after delivery Note: Scrab Battery Rs.2000 per Battery  Rs.3,28,500.00	Description of the item to be purchased  Qty.  M/S.BALAJI TRIBO LUBRICANTS, SALEM  Unit price  Total price  Unit price  Unit price  Batteries for 30 KVA UPS – 12 V, 150AH  Brand Name: SF Sonic Battery  Warranty: 3 Year  Price: Inclusive of all  Payment: 100% after delivery  Note: Scrab Battery Rs.2000 per Battery  Rs.3,28,500.00	

GI-RH 12/1/24 STAFF-IN-CHARGE

M (1) oil 2021
HEAD OF DEPARTMENT

PRINCIPAL

CHAIRMAN

12/1/2011.

Phone: 04290 - 249661

04290 - 249662 Fax: 04290 - 249663

Mobile: 93449 72274 93449 72275

admin@nsit.edu.in

Date: 15.12.2020

To

Srinivasa System 31, Chairman Ramalingam Street, Opp. Paavadi Girls High School, Salem- 636001

Respected Sir.

Sub: Purchase order for printers (2 Nos.) Reg

With reference to the above subject and as per quotations, we are pleased to place the order for printer.

S.No	Name of the Item	Quantity	Unit price	Total in (Rs)
1.	G4010 Canon printer	1	1	18,000
2.	DCP-L2541DW	1	1	19,500
	1		Total	37,500

#### Terms & Conditions:

• Delivery : On or before 19.12.2020

Payment : Against delivery.

Thanking You

CHAIRMAN
NARASU'S SARATHY INSTITUTE OF TECHNOLOGY
POOSARIPATTY

KADAYAMPATTY (TK), SALEM-636-305



Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Poosaripatty, Kadayampatti Taluk, Salem - 636 305, Tamil Nadu. India.

Phone: 04290 - 249661

04290 - 249662 04290 - 249663

Mobile: 93449 72274 93449 72275

admin@nsit.edu.in

Date: 28.12.2020

To

#### M/S. SHRINIVAS SYSTEMS

31, Chairman Ramalingam St,

Pattai Kovil,

Salem - 636 001

Dear Sir,

Sub: Purchasing order for Microsoft Campus Agreement - Reg.

With reference to the above subject and as per quotation, we are pleased to place order for the Microsoft campus agreement software as given below.

S.No	Name of the Item	Qty	Price	Amount
1.	M365AppsForEnterpriseOpenFac ShrdSvr ALNG SubsVL OLV E 1Y Acdmc AP	25	1839	45975.00
2	WINEDUE3 ALNG UpgrdSAPk OLV E 1Y Acdmc Ent	25	1486	37150.00
3	WinSvrSTDCore ALNG LicSAPk OLV 2Lic E 1Y Acdmc AP CoreLic	8	519	4152.00
	87277.00			

#### Terms & Conditions:

**Taxes** 

: Inclusive of all

**Delivery** 

7 days from the date of PO

**Payment** 

100% Advance Payment

WSTITUTE ON INSTITUTE ON INSTIT

Thanking You,

Thus Tribution
CHAIRMAN

With Education & Ethics, we create Excellence

www.nsit.edu.in



#### **Quote for Microsoft OS**

HRINIVAS SYSTEMS <shrinivassystems@gmail.com>
p: Rameshkumar M <mrkkumarsin@gmail.com>

Mon, Dec 28, 2020 at 10:47 Al

Dear Sir,

Kindly find herewith the Revised Quotation as per your Requirement. As mentioned Earlier this price is Valid till 29th December Only with 100% Advance Payment.

S.No	Description	UNIT PRICE	Qty	Price (Including GS
1	M365AppsForEnterpriseOpenFac ShrdSvr ALNG SubsVL OLV E 1Y Acdmc AP	1839	25	45975
2	WINEDUE3 ALNG UpgrdSAPk OLV E 1Y Acdmc Ent	1486	25	37150
3	WinSvrSTDCore ALNG LicSAPk OLV 2Lic E 1Y Acdmc AP CoreLic	<sup>5</sup> .19	8	4152

Thanking You

T.MANIKANDA SRINIVAS SHRINIVAS SYSTEMS, +91 94432 61283, 0427 - 4266005.

[Quoted text hidden]

# NARASU'S SARATHY INSTITUTE OF TECH NOLOGY Department of Computer Science & Engineering EQUIPMENT PURCHASE COMPARATIVE STATEMENT

					Name of th	e Suppliers		
S.No	Description of the item to be Purchased	Qty.	M/S.SHRINIVAS SYSTEMS, SALEM		MIC OLIAE	DRA SYSTEMS MITED, Colimbatore	M/S.SRI HARI SOFTWARES, Chenna	
		Ur	Unit price	Total price	Unit price	Total price	Unit price	Total price
1	M365AppsForEnterpriseOpenFac ShrdSvr ALNG SubsVL OLV E IMth Acdmc AP	50	1839	91950	1558	77900		- Fried
2.	WINEDUperDVC ALNG UpgrdSAPk OLV E 1Y Acdmc Ent	50	1486	74300	1259	62950	3420	171000
3	IntuneOpenFclty ShrdSvr ALNG SubsVL OLV E 1Mth Acdmc AP	50	627	31350	531	26550		
4	VSProSubMSDN ALNG LieSAPk OLV E IY Aedme AP	1			3892	3892	3420	3420
5	WinSvrSTDCore ALNG LicSAPk OLV 2Lic E 1Y Acdmc AP CoreLic	8	519	4152	440	3520	360	2880
		Total		201752		174812		177300
	18%	6 GST			//	31466		31914
	Grand	Total	100% Advance	201752)		206278		209214

HEAD OF DEPARTMENT

Thu, Dec 24, 2020 at 6:19 PI



#### **Quote for Microsoft OS**

HRINIVAS SYSTEMS <shrinivassystems@gmail.com>

o: mrkkumarsin@gmail.com

Dear Sir,

As per the Discussion held yesterday we herewith Quote the Price for Campus License for our Existing Old License

S.No	Description	UNIT PRICE	Qty	Price (Including GST)
1	M365AppsForEnterpriseOpenFac ShrdSvr ALNG SubsVL OLV E 1Y Acdmc AP	1839	50	91950
2	WINEDUE3 ALNG UpgrdSAPk OLV E 1Y Acdmc Ent	1486	50	74300
3	IntuneOpenFclty ShrdSvr ALNG SubsVL OLV E 1Y Acdmc AP	627	50	31350
4	WinSvrSTDCore ALNG LicSAPk OLV 2Lic E 1Y Acdmc AP CoreLic	519	8	4152
5	WinSvrCAL ALNG LicSAPk OLV E 1Y Acdmc Ent DvcCAL	219	30	6570
				208322

Sir Kindly go through the same and for any clarifications kindly call us.

Waiting for your Valuable Orders.

Thanking You

T.MANIKANDA SRINIVAS SHRINIVAS SYSTEMS, +91 94432 61283, 0427 - 4266005.

[Quoted text hidden]

1



#### SRI HARI SOFTWARES

(Dealing with all kinds of software e-licensing & Computer Peripherals) No.E141, 5th Main Road, Kamaraj Nagar, Thiruvanmiyur, Chennai – 600 041. L. 044-24571233 M:9791763033 GSTNo. 33AAXPH7337L1Z3 Email ID:info@sriharisoftwares.in Website:www.sriharisoftwares.in

Quotation no.Srihari/SW/2020-2021/Microsoft/1710

Date 16th December 2020

The Principal

Narasus College of Engineering

#### Quotation for Open Value Subscription - Yearly Subscription

SI.No.	SKU No.	Product Description	Rate (Rs)	FTE	Amount (Rs)
1	2UJ-00011	DsktpEdu ALNG LicSAPk OLV E 1Y Acdmc Ent	3420.00	50	171000
2	9EM-00294	WinSvrSTDCore ALNG LicSAPk OLV 2Lic E 1Y Acdmc AP CoreLic	360.00	8	2880
3	77D-00161	VSProSubMSDN ALNG LicSAPk OLV E 1Y Acdmc AP	3420.00	1	3420
4	228-09538	SQLSvrStd ALNG LicSAPk OLV E 1Y Acdmc AP	4770.00	1	4770
5	359-05414	SQLCAL ALNG LicSAPk OLV E 1Y Acdmic Ent DvcCAL	378.00	50	18900
		Total			200970.00
	-	Add GST @ 18%			36174.60
		Net Total			237144.60

(-)

Terms and Condition:

1 Prices. The Net total is inclusive of all taxes ( if the taxes are revised, the taxes will be applicable as per the rate at the time of billing).

or billing).
2 Payment: 100% Payment in advance. Purchase order to be raised on "Sri Hari Softwares", Chennal.
3 Delivery. Within 7 - 10 working days from the date of receipt of purhcase order with payment.

4 Freight: to our account.

4 Freight: to our account.

5. Validity: Till 20th December 2020. Please check with us for final pricing before releasing the P.O.

6. Disputes: All disputes will be subject to chennal jurisdiction.

7. Training: The software is sold on as is where is basis and does not include traing, support, installation, consulting or any other additional services. Training is available at an additional cost on request.

8. Support. Support is available on Annual Maintenance Contract (AMC) at an extra cost.

9. Manuals: No Manuals are supplied with Microsoft Software, Manuals are integrated with the electronic help system within the software.

for Sn Han Softwares



Authorized Signatory

SOL: 23,670 18% 4,26) 27,931

### Quadrasystems.net (India) Private Limited

Siinivasa Towers, #45, 100 Feet Road

Gandhipuram

Coimbatore - 641 012

Phones: +91-422-4032100 to 199

**Quote Reference** 

QS/2020-21/CBE/Quote/NSIT01

Email : cbe@quadrasystems.net



**Date** 

Tuesday, December 22, 2020

**Account Manager** 

Rakesh M [95007-49743]

**Narasus Sarathy Institute of Technology** 

Salem



Thank you for your enquiry. We are pleased to quote you the following:

#### HSN/SAC Code - 9973

Item	Description	Part Number	Qty	Unit Price	Amount
1.	M365AppsForEnterpriseOpenFac ShrdSvr ALNG SubsVL OLV E 1Mth Acdmc AP	S3Y-00001	50	1,558	77,900
2.	WINEDUperDVC ALNG UpgrdSAPk OLV E 1Y Acdmc Ent	KW5-00359	50	1,259	62,950
3.	IntuneOpenFclty ShrdSvr ALNG SubsVL OLV E 1Mth Acdmc AP	FYS-00001	50	531	26,550
4.	VSProSubMSDN ALNG LicSAPk OLV E 1Y Acdmc AP	77D-00161	1	3,892	3,892
5.	SQLSvrStd ALNG LicSAPk OLV E 1Y Acdmc AP	228-09538	1	5,328	5,328
6.	WinSvrSTDCore ALNG LicSAPk OLV 2Lic E 1Y Acdmc AP CoreLic	9EM-00294	8	440	3,520

	Total	1,80,140
GSTIN # 33AAACQ1267E1ZU	CGST @ 9%	16,213
State Code: 33	SGST @ 9%	16,213
PAN: AAACQ1267E	<b>Grand Total with Taxes</b>	2,12,566



Any changes in product composition will lead to revision in prices. Implementation charges will be extra.

(1 of 2 pages) T & C continued.

3 OCC ...











#### General

Printing Method

Inkjet

Type

Multi-function

Model Name

MFC-T4500DW

Printing Output

Color

Brand

Brother

Refill Type

Toner Cartridge

Ideal Usage

Business



Home > Computers > Computer Pe. > Printers & loke > Printers > Multi-Functio. > Brother Multi\_ > Promer MEC.

Compan

Brother MFC-T4500DW Multi-function Color Printer (Black, Toner Cartridge)

Be the first to Review this product (Assured)

₹58,800 ₹60,754 3% off

100,000

#### Available offers

- Bank Offer Flat INR 1750 Instant Discount on HDFC Bank Credit Cards and Credit/Debit EMI Transactions T&C
- Bank Offer 5% Unlimited Cashback on Flipkart Axis Bank Credit Card T&C
- Bank Offer ₹100 Off on BOB Mastercard debit card first time fransaction. Terms and Condition apply T&C
- Partner Offer Get a free Lifetime Premium membership of HP Print Learn Centre content on purchase of this product Know More

View 3 more offers

Department of Computer Science and Engineering

Date: 17.11.2020

#### Submitted to the Chairman through Principal

Permission is requested to procure the following Laptop components to service/change the laptop components available in departments.

The details are given below

S.No	Description	Quantity	Appx. Unit Cost	Appx. Total Cost
1	HP540 Laptop Charger (CSE, S&H)	2	Rs.900	Rs.1800
2	HP540 Laptop Battery (Principal Room, CSE,ECE,EEE,S&H)	5	Rs.1800	Rs.9000
	1		Total	Rs.10800/-

Network Administrator

M. De Into.

PRINCIPAL

Laptop may begin to Srimes System on other
Approach. Hop to verify all servining and stot.

Formy [1611202].

#### GV ELEKTRONIKS & STATIONARY

A-1 , Bharnthi Street , GRITINAUN JACPPVARIRIUFA Contact : 0427-2334168,7368294946

Duyer (if other than collaignes) NARASUS SARATHY INSUTITUTE TECHNOLOGY, 636305, 9894337244 : Tamil Nadu, Code : 33 State Name

Involce No. 4 CA38332 Invoice Date : 11-2-2022

			1	,					
0	Description of Goods	HSN/SAC	Rate	Quantity	(Incl. of Tax)	Rato	per	Disc %	Amount
1	INTEL MOUSE PAD 3926	3926	-	20,00 Nos	<u> </u>	42.37	Nos	5 %	805.03
	CGST SGST Roundoff	ĺ							72.45 72.45 0.07
The state of the s									
				·	چوچوچو ا	(1)			
					3	CIVANIA CITA			
						1	>		
-									
!	Total			20:00 Nos					950.00

Amount Chargeable (in words) INR Nine Hundred Fifty Only

Value Rate Amount Rate Amount Tax Amount 805.03 9% 72.45 page 72.45 HSIVBAC 72.45 0% 72.45 72.45 144.90 72.45 144.90 Total 805.03

Tax Amount (in words): INR One Hundred Forty Four and Ninety palse Only

pre.Balance: 50.00 Dr Bill Amtount Rs. : 950.00 Dr Net Receivable : 1,000.00 Dr

3928

Company's Bank Details Bank Nams: HDFC BANK Ltd,-01782320000441 A/C No.: 01782320000441 bradifich: FIVE ROADS & HDFC0000178

for GV ELEKTRONIKS & STATIONARY

Authorised Signatory

₹ 950,00

É LOE

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

#### GV ELEKTRONIKS & STATIONARY

A-1 , Bharathi Street , Swarnapuri , Halem GSTIN/UIN: 33ACPPV3R2811179 State Name : Tamil Nadu, Code : 33 Contact : 0427-2334168,7358294946

Buyar (if athar than sensiones) NARASUS SARATHY INSUTITUTE TECHNOLOGY, 636305, 9894337244 State Name

Invoice No. : CA38172

Invoice Date : 10-2-2022

	i amii Nadu, Code ; 3	3
N		

ģ	Description of Goods	CARL							
t			Rate	Quantity	(inci. of Tax)	Rate	per	Disc. W	Amount
1	MICRO LITHIUM CELL CR2032	8473		25.00 Nos	I	8.47	Nos		211.75
	COST								
	SQST								19.06 19.06
	Roundoff								0.13
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								1	
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		6.00	14:	7. 7.	<b>A</b>				
		1	1 0	1/2/	*				
			-	(0)	N.				
		1		4- /	ii l	1			
	Total	1	1	ZOOU NOS	9				
	mount Chargeable (in words) NR Two Hundred Fifty Only	1		2			l_		250,00
_	ere the ridicied Firty Only		-						E. & O.E

HANIBAC Taxable Central Tax State Tax Total
Value Rate Amount Rate Amount Tax Amount 211.75 Total 211.75 19.08 9% 19.08 38.12 19.06 19.06

Tax Amount (in words): INR Thirty Eight and Twelve palse Only

pre.Balance :

**B473** 

Bill Amtount Rs. : 250.00 Dr Net Receivable : 250.00 Dr

Company's Bank Details

Benk Name: HDFC BANK Ltd,-01782320000441 A/C No.: 01782320000441

tradifficial: FIVE ROADS & HDFC0000178

for OV ELEKTRONIKS & STATIONAR 0

**Authorised Signatory** 

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

## RETAIL INVOICE

## GV ELEKTRONIKS & STATIONARY

A-1 . Bharathi Street .

Swarmapari, Below CATINATINI WACTPYSSINITS

State Name | Tomil Nada Code 1 11 Contact | 0427-2334168,7358294946

Buyer (if other than consigned)

NARASUS SARATHY INSUTITUTE TECHNOLOGY, 636305, 9894337244

: Tamil Nadu, Code : 33

Invoice No.: CA38003

Involce Date : 9-2-2022

H9N/8AC   GST   Quantity   Rate   Rate   Por   Dix %   Amount   Amount Chargesian for worth	9			1						
D-LINK RJ-45 CONNECTOR	1 2	LAN TESTER	HONBAC	GST	Quantity	Rato	Rato	per	Disc. %	Amount
G98.7 SQST Roundoff  7 otal  Total  7 otal  7 otal	3	D-LINIS CARLE OF	8544 8538	18 % 18 % 18 %	1.00 Nos	210.00 480.00	408.78 3.39	Nos Nos	5 %	169.0 386.4 80.5 60.3
Amount Chargeable (in words)		SGST								696.33 62.63 82.83 0.23
Amount Chargeable (in words)										
Amount Chargeable (in words)										
Amount Chameable (in words)										
Amount Chargeable (in words)										
Amount Chargeable (in words)										
Amount Chargeable (in words)										
INR Eight Hundred Twenty Two	1	Amount Chargeable (in words)  INR Eight Hundred Twenty Two	87 1-3-207		52.00 Nos					

INR Eight Hundred Twenty Two Only

E 105 HENVEAC 8443 8544 8536 229.40 0% 386.44 0% 80.61 9% 20.65 41.30 34.78 69.58 7.25 14.50 62.88 125.36

Tax Amount (in words): INR One Hundred Twenty Five and Thirty Six palse Only

Bill Amtount Rs. : 822.00 Dr Net Receivable : 822.00 Dr

Company's Bank Details
Bank Name: HDFC BANK Ltd.-01782320000441
A/c No.: 01782320000441

Brid ISCAL: FIVE ROADS & HDFC0000178

TO GV ELEKTRONIKS & STATIONARY

Authorised Signatory

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

#### Tax invoice(Page 2)

(ORIGINAL FOR RECIPIENT)

BALAJI TRIBO LUBRICANTS

(Battery: Solar Division)
No 552 & 557 Meyyanoor Main Road

Opp Gokulam Hospital, Salem-636004

9469246925 9489746925 GSTIN/UIN 33AAFHB9249B1ZM State Name Tamii Nadu, Code 33

E-Mail batterybtl@gmail.com Buyer (Bill to)

NARASUS SARATHY INSTITUE OF TECHNOLOGY

POOSARIPATTI

OMALUR TK SALEM 04290249661 249662

State Name

Tamil Nadu, Code: 33

Invoice No.

SOLAR/200

**Delivery Note** 

Dated

29-Sep-21

Mode/Terms of Payment

**IMMEIDATELY** Other References

Reference No. & Date.

Buyer's Order No.

Dated

Dispatch Doc No

Delivery Note Date

Dispatched through

THURU VAN

Terms of Delivery

**IMMEIDATELY** 

Destination

FROM OFFICE

SI	Description of Goods	HSN/SAC	CCT	Ougatitu	Rate	205	Amount
O1	Description of Goods	HOMISAU	GST	Quantity	Male	per	Amount
No			Rate				
			Mare				

CGST@14% SGST@14% 14 % 14 % 42,000.00 42,000.00

Total

**32 NOS** 

₹ 3,84,000.00

E & O E

Amount Chargeable (in words)

indian Rupees Three Lakh Eighty Four Thousand Only

HSN/SAC Taxable Central Tax State Tax Total Value Rate Amount Rate Amouni Tax Amount 3,00,000.00 14% 8507 42,000.00 42,000.00 84,000 00 Total 3,00,000.00 42,000.00 42,000.00 84,000.00

Tax Amount (in words) . Indian Rupees Eighty Four Thousand Only

Ceclaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct for BALAJI TRIBO LUBRICANTS

Authorised Signatory

This is a Computer Generated Invoice

#### Tax Invoice

(ORIGINAL FOR RECIPIENT)

**BALAJI TRIBO LUBRICANTS** 

(Battery, Solar Division) No 552 & 557 Meyyanoor Main Road Opp Gokulam Hospital,

Salem-636004 9489246925, 9489746925 GSTIN/UIN 33AAFHB9249B1ZM State Name Tamil Nadu, Code 33 E-Mail batterybtl@gmail.com

Buyer (Bill to)

NARASUS SARATHY INSTITUE OF TECHNOLOGY

POOSARIPATTI OMALUR TK

04290249661 249662

SALEM

State Name

Tamil Nadu, Code 33

Invoice No.

SOLAR/200

**Delivery Note** 

Reference No. & Date.

Buyer's Order No

Dispatch Doc No.

Dispatched through **THURU VAN** Terms of Delivery

IMMEIDATELY

Dated

29-Sep-21

Mode/Terms of Payment

**IMMEIDATELY** 

Other References

Dated

**Delivery Note Date** 

Destination

FROM OFFICE

Amount SI Description of Goods HSN/SAC GST Quantity Rate per No Rate Akiyo TT160 8507 28 % 9,375 00 NOS 3,00,000.00 **32 NOS** 

Y702011193, Y702011201 Y702011342, Y702011253 Y702011290, Y702011222, Y702011338 Y702011291 Y702011345, Y702011320, Y702011190, Y702011343, Y702011319 Y702011221. Y702011339, Y702011278 Y702011317, Y702011279 Y702011340, Y702011141 Y702011347, Y702011346 Y702011243, Y702011159, Y702011160, Y702011333 Y702011302, Y702011331 Y702011334, Y702011299 Y702011298, Y702011311

continued

## Tax Invoice

(DUPLICATE FOR TRANSPORTER)

TRIBO LUBRICANTS

Solar Division)

2 & 557 Meyyanoor Main Road

Salem-636004

9489246925 9489746925 GSTIN/UIN 33AAFHB9249B1ZM State Name Tamil Nadu. Code 33 E Mail batterybti@gmail.com

Guyer (Bill to)

NARASUS SARATHY INSTITUE OF TECHNOLOGY

POOSARIPATTI OMALUR TK SALEM

04290249661 249662

State Name

Tamil Nadu, Code: 33

Invoice No.

e-Way Bill No Dated

SOLAR/185 **Delivery Note** 

20-Sep-21

Mode/Terms of Payment

Reference No. & Date.

Other References

Buyer's Order No.

Dated

Dispatch Doc No.

**Delivery Note Date** 

Dispatched through

Destination

Narasothipatty

Terms of Delivery

S	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	Akiyo TT160 Y702011138 Y702011226 Y702011144 Y702011282 Y702011304 Y702011250 Y702011327 Y702011287, Y702011323 Y702011303 Y702011301, Y702011324 Y702011203, Y702011344, Y702011283, Y702011288 Y702011315 Y702011242 Y702011308, Y702011289 Y702011306 Y702011308, Y702011300, Y702011143	8507	28 %	30 NOS	9,375 00	NOS	2,81,250.00
	Y702011330, Y702011307, Y702011264 Y702011305, Y702011328, Y702011329						

CGST@14% SGST@14%

14 % 14 % 39,375.00 39,375.00

Total

30 NOS

₹ 3,60,000.00

Amount Chargeable (in words)

Indian Rupees Three Lakh Sixty Thousand Only

HSN/SAC Taxable Value 2,81,250 00 Total 2,81,250.00

Central Tax Rate Amount Rate 14% 39,375 00

E 80E State Tax Amount

39,375 00

Total Tax Amount 78.750 00

78,750.00

39,375.00 Tax Amount (in words) : Indian Rupees Seventy Eight Thousand Seven Hundred Fifty Only 39,375.00

Declaration

8507

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

for BALAJI TRIBO LUBRICANTS

2391 Authorised Signatory

This is a Computer Generated Invoice

#### Tax Invoice

(ORIGINAL FOR RECIPIENT)

BALAJI TRIBO LUBRICANTS

(Batton), Solar Division) NC 552 & 557 Meyyanoor Main Road Opp Gokulam Hospital

Opp Gokulam Hospital,
Salem-636004
9489246925, 9489746925
GSTIN/UIN: 33AAFHB9249B1ZM
State Name Tamil Nadu, Code 33
E-Mail batterybtl@gmail.com

Buyer (Bill to)

NARASUS SARATHY INSTITUE OF TECHNOLOGY

POOSARIPATTI OMALUR TK

SALEM 04290249661 249662

State Name

Tamil Nadu, Code: 33

Invoice No

e-Way Bill No. Dated

SOLAR/185

**Delivery Note** 

20-Sep-21

Mode/Terms of Payment

Dated

Reference No. & Date.

Other References

Buyer's Order No.

Dispatch Doc No.

**Delivery Note Date** 

Dispatched through

Terms of Delivery

Destination

Van

Narasothipatty

SI No	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1 AN	tiyo TT160	8507	28 %	30 NOS	9,375.00	NOS	2,81,250.00

Y702011138, Y702011228, Y702011144 Y702011282 Y702011304 Y702011250 YTO2011327, Y7O2011287, Y7O2011323 Y702011303 Y702011301 Y702011324 Y702011203 Y702011344 Y702011283. Y7020-1288 Y702011315 Y702011242. V702011309 Y702011289 Y702011306, 1702011308 Y702011300 Y702011143 C02011330, Y702011307, Y702011264 17.02011305, Y7.02011328 Y7.02011329

> CGST@14% SGST@14%

14 % 14 %

39,375.00 39,375.00

30 NOS

₹ 3,60,000.00 E & O.E

Total

Tax Amount

78,750.00

78.750.00

Amount Chargeable (in words)

Indian Rupees Three Lakh Sixty Thousand Only State Tax Central Tax Taxable HSN/SAC Amount Rate Amount

Value Rate 2,81,250.00 39,375.00 8507 Total 2,81,250.00 39,375.00

Tax Amount (in words) Indian Rupees Seventy Eight Thousand Seven Hundred Fifty Only

Total

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct for BALAJI TRIBO LUBRICANTS

39,375.00

39,375.00

Authorised Signatory

This is a Computer Generated Invoice



Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.

Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in,www.nsit.edu.in

# DEPARTMENT OF ELECTRONICS & COMMUNICATON ENGINEERING



## nstitute of Technology

Document ID:

2020-21 Even /NSIT/ECE/

**Document** Name:

Lab Equipments Purchase-

ECE Lab equipment's Purchase

Request

Lr. N0: ECE/2020-21 Even

21.12.2020

## **Requisition Letter** Submitted to the Principal

Dr.M.Poonguzhali, Professor & HOD, Department of ECE.

Respected Sir,

Subject: Req. – To Purchase the Lab Equipment's for 2017 Regulation – Reg.

As per the Anna University 2017 Regulation some of the Lab Equipments are needed for doing the experiments. In this regard, we received quotations from Silicon Systems, Jayam Electronics, Conet Technologies Private Ltd, MS Electronics, and BestMach comparative list is submitted herewith. I kindly request you to give approval to purchase the equipments for smooth conduction of Lab.

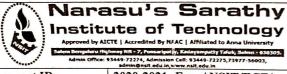
Thanking you,

Date: 21.12.2020

Place: Salem

Forward Chairman Prochairman Ve Yours Sincerely,

H. D. W. 2000



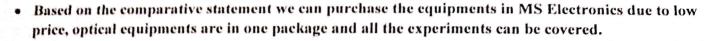
#### LAB PURCHASE

Document ID: 2020-2021- Even/ NSIT/ECE/ Date 18.12.2020

#### Comparative List of Equipments

S.No	Components Name	Quantity Required	Silicon Systems	BESTMACH	MS Electronics	Jayam Electronics	Conet Technologies
1	Digital LCR Meter	1 No	8,900	3,500	2,500	-	1,70,490
2	Digital IC Tester	3 Nos.	18,000	17,500	9750	-	-
3	Sampling Trainer Kit	2 Nos.	8,000	10,500	6,900		
4	MSO (Mixed Signal Oscilloscope)	4 Nos.	90,000	69,500	97,500 <b>/</b> 79,500 <b>/</b>	1,20,000 (RIGOL) 75,000 (imported)	91,910
5	Advanced Fiber Optics Kit	2 Nos.	70,800	30,200	29,500	46,800	-
6	MM/SM Glass & - plastic fiber	2 Nos.	-	5,000	Λ.	2,800	
7	Optical Power Source LED (SC/ST/E2000 recept)	2 Nos.	44,900	11,960			
8	Optical Power Meter	2 Nos.	i	7,000	14,750	600 a 5	
9	Optical Power Source PIN (SC/ST/ receptacles)	2 Nos.	44,900		*		
10	Software Defined Radio Kit	2 Nos.	70,000 /	2,75,000	-	3,64,000	1,85,800
11	MIC Trainer Kit	1 No		1,55,000	2,55,000	2,53,500	-
	Total	1	900,100	11,68,320	7,07,050		
Y .	Discount	-		10% 1,16,832	25% 1,76,762		
	18% GST		162018	1,89,267	95,451		
	Total Amount		10,62,118	12,40,755	6,25,739		

#### Comparative details



#### Enclosure:

- 1. Silicon Systems quotation
- 2. BESTMACH quotation
- 3. MS Electronics quotation
- 4. Jayam Electronics quotation
- 5. CONET quotation

Approval Tiems

can be purchased in Ms electronice be purchased in Silicon systems be purchased in BESTMACH

Item



Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Poosaripatty, Kadayampatti Taluk, Salem - 636 305, Tamil Nadu. India.

Phone: 04290 - 249661

04290 - 249662

Fax: 04290 - 249663 Mobile: 93449 72274

93449 72275 admin@nsit.edu.in

To 🏃

Date: 30.12.20

Silicon Systems, 15/29, Mahaliamman Nagar, Kalapatti, Coimbatore – 641 048.

Dear Sir,

Lr. No. NSIT/SLM/F.PO/

/ dated 30.12.2020

al Sir,

Sub: Purchase order for ECE Lab -Reg.

Ref: Your Quote No.SS/NSIT/ECE/QTN/2020-21, dated 28.12.2020.

With reference to the above subject and the further discussions we had with you, we are pleased to place the order for the supply ECE Lab.

S.No.	Description	Qty	Unit price	Amount
1.	Software Defined Radio (Wi commT SDR IF) Make: XILINX Model: ZYNQ USRB	2	55,000	1,10,000
			Total	1,10,000
		GST @	18%	19,800
(One Lakh Twenty Nine Thousand Eight Hundred Only)				1,29,800

#### Terms & Conditions:

Delivery

: Within 3-4 weeks.

Payment

: Against delivery & installation

Validity

: Valid for 90 days

Warranty

: I year

P&F charges

: Nil

• Installation Charges

: Nil

K. Ajitmang

# 31.1220 rs

Pro-Chairman / Chairman

M. Rilling 120



# Narasu's Sarathy Institute of Technology

Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Poosaripatty, Kadayampatti Taluk, Salem - 636 305, Tamil Nadu. India.

Phone: 04290 - 24966

04290 - 24966 c: 04290 - 24966

Mobile: 93449 7227

93449 7227

admin@nsit.edu.i

Date: 30.12.20

To

MS Equipments, No.3, 4<sup>th</sup> cross, Ramasamy Nagar-2, Nallampalayam, Coimbatore – 641 006.

Lr. No. NSIT/SLM/F.PO/

/ dated 29.12.2020

Dear Sir,

Sub: Purchase order for ECE Lab -Reg.

Ref: Your Quote No.MSEQUIP/QTN/ 026/2020-21, dated 28.12.2020.

With reference to the above subject and the further discussions we had with you, we are pleased to place the order for the supply ECE Lab.

S.No.	Description	Qty	Unit price	Amount
1,	VAARTECH V5300M Digital LCR Meter	1	1,375	1,375
2	MINMAX Digital IC Tester 20 pin model DIT 20	3	5,363	16,089
3	MS Analog Signal Sampling& Reconstruction Trainer Kit	2	3,795	7,590
4	RIGOL MSO DS1104Z plus model	4	58,500	2,34,000
5	MS Testing Module for carrying out LED & PIN diode characteristics, Digital Multimeter, Optical power module	2	8,113	16,226
6	MS Advanced Optical Fiber Trainer Kit with all necessary accessories and inbuilt Power supply	2	16,225	32,450
			Total	3,07,730
		GST @	18%	55,391
	Lakh Sixty Three Thousand One Hundred and Twenty	One rupee: Tota		3,63,121

#### Terms & Conditions:

Delivery

: Within 3-4 weeks.

Payment

: 30% advance and Balance against delivery & installation

Validity

: 90 days from date

Warranty

: I year against any manufacturing defects.

K. Aishisayor

M. Pr. 12/20

Chairman / Pro-Chairman

With Education & Ethics, we create Excellence

www.nsit.edu.in



MS EQUIPMENTS

No. 3, 4th Cross, Ramasamy Nagar - 2, Nallampalayam, Colmbatore - 641 006

Cell: 98422 92442, 77081 13234 E-mail: msequipmentscbe@gmall.com

GSTIN: 33BW0P81548G1Z9

PAN: BWOPS1540G

STATE CODE : 33

			i Add	
<b>o</b>		Invoice No	20 ha	
he Prir	PRODUCT (1941) Printed Street (1942)	Date	03.02.2021	
larjasu's	s Sarathy Institute of Technology	GSTIN NO	33BWOPS15	
oosarij	patty,Kadayampatti Tk	PAN NO	BWOPS1548	G STATE CODE:
alem -	636 305	Order No	NSIT/SLM/F.	PO/
		Date	30.12.2020	
Sl.No	Particulars HSN/SAC	Quantity	Rate/Unit	Total
1	VAARTECH V5300M Digital LCR Meter	1	1375.00	1375.00
2	MINMAX Digital IC Tester 20pin model DIT20	3	5363.00	16089.00
3	Analog signal sampling and reconstruction trainer	2	3795.00	7590.00
4	RIGOL DS1104Z Plus 100Mhz MSO	4	58500.00	234000.00
5	LED/PIN DIODE Characteristics setup with DMM /optical fiber cable	2	8113.00	16226.00
6	Adanced optical fiber trainer kit with accessories	2	16225.00	32450.00
		100	140	
Bank de			TOTAL	307730.00
	JIPMENTS		2	307730.00
	NION BANK 0:510909010040824		CGST@9%	27695.70
	DE:CIUB0000486		SGST@9%	27695.70
Sivanar	nda colony branch	Total Invoi	ce Amount	363121.40
	atore -12	enty one	NETT	363121.00
Kupe	es: Three lakh sixty three thousand one hundred & two only		100	
We Decl	are that the information mentioned above is true and correct to the	For MS	EQUIPM	EN15
best of r	ny knowledge.	(1)		
		- A	X 15	

Band on HOD of Principal report on deling of dems.
Approved.

Date: 31.12.20

MS Equipments, No.3, 4th cross, Ramasamy Nagar-2, Nallampalayam, Coimbatore - 641 006.

Lr. No. NSIT/SLM/F.PO/

/ dated 29.12.2020

Dear Sir,

Sub: Purchase order for ECE Lab -Reg.

Ref: Your Quote No.MSEQUIP/QTN/ 026/2020-21, dated 28.12.2020.

With reference to the above subject and the further discussions we had with you, we are pleased to place the order for the supply ECE Lab.

S.No.		Descr	iption		Qty	Unit price	Amount	1201
1.	VAJENDRA X Characteristics	- Band	Microwave	IC Filter	1	1,53,000	1,53,000	7
a						Total	1,53,000	
					GST @	18%	27,540	27,0
(Three	Lakh Sixty Three	Thousand	One Hundred	and Twenty (	One rupee Tota		1,80,540	Tan-ari

#### Terms & Conditions:

Delivery : Within 3-4 weeks.

: 30% advance and Balance against delivery & installation Payment

Validity : 90 days from date

Warranty : 1 year against any manufacturing defects.

Chairman / Pro-Chairman

200

Received Aistornal Alson Alson Chille



# MS EQUIPMENTS

No. 3, 4th Cross, Ramasamy Nagar - 2, Nallampalayam, Coimbatore - 641 006 Cell: 98422 92442, 77081 13234 E-mail: msequipmentscbe@gmail.com

### GST INVOICE

GSTIN: 33BW0PS1548G1Z9

PAN: BWOPS1548G

STATE CODE : 33

	87fC	Invoice No	20		
0		Invoice No	20		
he Prir		Date			
	Sarathy Institute of Technology	GSTIN NO			
	patty,Kadayampatti Tk	PAN NO	<del> </del>		
alem -	636 305	Order No	NSIT/SLM/F.F	00/	
1	with the comment of the	Date	30.12.2020		
Sl.No	Particulars HSN/SAC	Quantity	Rate/Unit	Total	
1	VAARTECH V5300M Digital LCR Meter	1	1375.00	1375.00	
2	MINMAX Digital IC Tester 20pin model DIT20	3	5363.00	16089.00	
3	Analog signal sampling and reconstruction trainer	2	3795.00	7590.00	
4	RIGOL DS1104Z Plus 100Mhz MSO	4	58500.00	234000.00	
5	LED/PIN DIODE Characteristics setup with	2	8113.00	16226.00	
	DMM /optical fiber cable			4-15-	
6	Adanced optical fiber trainer kit with accessories	2	16225.00	32450.00	
	Additional options from the will decessore	(1)	in and	$\sim \sim 1$	
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Bank det	ails:		TOTAL	307730.00	
MS EQU	IIPMENTS PLANTS	U-S		Š	
CITY UN	ION BANK			307730.00	
A/C NO	:510909010040824		CGST@9%	27695.70	
IFSC CO	DE:CIUB0000486		SGST@9%	27695.70	
Sivanan	da colony branch	Total Invo	ice Amount	363121.40	
	tore -12				
				363121.00	
Coimba	s: Three lakh sixty three thousand one hundred & tw	enty one	NETT	303121.00	
Coimba Rupee	es: Three lakh sixty three thousand one hundred & two		S EQUIPM		
Rupee We Decla	es: Three lakh sixty three thousand one hundred & two only are that the information mentioned above is true and correct to the		र शतकार्यः		
Rupee We Decla	es: Three lakh sixty three thousand one hundred & two		र शतकार्यः		
Rupee We Decla	es: Three lakh sixty three thousand one hundred & two only are that the information mentioned above is true and correct to the		र शतकार्यः		
Rupee We Decla	es: Three lakh sixty three thousand one hundred & two only are that the information mentioned above is true and correct to the		र शतकार्यः		



# MS EQUIPMENTS

No. 3, 4th Cross, Ramasamy Nagar - 2, Nallampalayam, Coimbatore - 641 006 Cell: 98422 92442, 77081 13234 E-mail: msequipmentscbe@gmail.com

GST INVOICE

**GSTIN: 33BW0PS1548G1Z9** 

PAN: BWOPS1548G STATE CODE: 33

Invoice No	24	
Date		
GSTIN NO		
		-
Order No	NSIT/SLM/F.PO	
Date	31.12.2020	
Quantity	Rate/Unit	Total
1	150000.00	150000.00
	TOTAL	150000.00
	TOTAL	150000.00
	TOTAL	150000.00 150000.00
	TOTAL CGST@189	150000.00
	CGST@189	150000.00 % 13500.00
Total	CGST@189 SGST@189	150000.00 % 13500.00 % 13500.00
Total I	CGST@189	150000.00 13500.00 13500.00
Total I	CGST@189 SGST@189 nvoice Amount	150000.00 13500.00 13500.00 177000.00
Total I	CGST@189 SGST@189	150000.00 % 13500.00 % 13500.00
The state of the s	Date GSTIN NO PAN NO Order No Date  Quantity	Date 10.03.2021 GSTIN NO 33BWOPS1548G S PAN NO BWOPS1548G S Order No NSIT/SLM/F.PO Date 31.12.2020  Quantity Rate/Unit



#### Silicon Systems

15/29 Mahaliamman Nagar, Kalapatti, Colmbatore, 641048 Tamil Nadu India GSTIN 33BKCPM6537P1ZP Phone 99526 59144,72000 59144 siliconsystemscbe@gmail.com www.siliconsystems.online

#### TAX INVOICE

Invoice No invoice Date P.O. Ref:

: INV-000065 : 20-02-2021

: NSIT/SLM/PO dt:30-12-2020

Place Of Supply Department

: Tamil Nadu (33)

: ECE

:30-12-2020

BILL To

The Principal

Narasu's Sarathy Institute of Technology

Poosaripatty

Kadayampatti Taluk

Salem

636 305 Tamil Nadu

India

Ship To

P O Date

The Principal

Narasu's Sarathy Institute of Technology

**Poosaripatty** Kadayampatti Taluk

Salem

636 305 Tamil Nadu

India

SL.			V	co	ST	so	ST	2
No	Item & Description	Qty	Rate	%	Amt	%	Amt	Amount
	Software Defined Radio Make: XILINX Model: ZYNQ USRP	2.00	55,000.00	9%	9,900.00	9%	9,900.00	1,10,000.00

**Total In Words** 

Indian Rupee One Lakh Twenty-Nine Thousand Eight Hundred Only

Thanks for your business.

**BANK DETAILS:** 

: INDIAN BANK **BANK NAME** 

**BRANCH NAME: KALAPATTI, COIMBATORE.** 

A/C TYPE

: CURRENT

A/C No

: 6549401303

IFSC CODE

: IDIB000K173

MICR CODE

: 641019031

Sub Total

1,10,000.00 **Total Taxable Amount** 1,10,000.00

CGST9 (9%)

9,900.00 9,900.00

SGST9 (9%)

₹1,29,800.00

**Balance Due** 

₹1,29,800.00

For Silicon Systems

**Total** 

Authorized Signat



### Narasu's Sarathy Institute of Technology

Approved by AICTE | Accredited By NAAC | Affiliated to Anna University

Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.

Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in,www.nsit.edu.in

# DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

From

Dr.K.Arutselvan,
IQAC Coordinator,
Narasu's Sarathy Institute of Technology,
Salem.

To

The Principal,
Narasu's Sarathy Institute of Technology,
Salem.

Respected Sir,

Sub: Energy Audit & Green Audit Certification Reg

The Energy Audit provides the vital information base for overall energy conservation program covering essentially energy utilization analysis and evaluation of energy conservation measures and the Green Audit is to promote the Environment Management and Conservation in the College Campus. The purpose of the audit is to identify, quantify, describe and prioritize framework of Environment Sustainability in compliance with the applicable regulations, policies and standards. Hence we request you sir, to grant permission to process related to Energy Audit & Green Audit Certification for our institution.

Thanking you

Permitted to puru the gran Andist of Energy Andist Brongs 10/11/2020

Yours Faithfully

Dr.K. ARUTSELVAN

### Particulars:

Green Audit & Energy Audit Certification Package - Rs.45,000/ct Person:

### Contact Person:

Mr.M.Rameshkumar

srienergysolutions@gmail.com

Mob: 97764 77773

Requirement: A request mail from our Institution

Visit:

1 Day visit for Power Factor Measurement, Water, sound and wind samples

**Process: 15 Days** 

On reposition of the road winds.

# **Sri Energy Solutions**

2/57, Church Street, Sllukkuvarpatti, Dindigul, Tamilnadu - 624 215 GSTIN -33AIIPJ9897QIZ4

State Code: 33

Contact No: +91 97899 62220

Mall Id: srienergysolutions@gmail.com

Proforma Invoice

Date:

19.11.2020

Invoice No:

2020-21/06

To

**GSTIN** 

Narasu's Sarathy Institute of Technology, proceedingtry, Kadayampatti Taluk

Promise decision reasons
0,000
40,000
₹ 3,600
₹ 3,600
₹7,200
₹ 47,200

To Words Rupees.

Thirteen thousand Five hundred and Seventy only.

We Declare that this Invoice shows the actual of the goods / serivce described and that all particulars are true and correct. Notes: TDS Applicable for total before tax

For Sri Energy Solutions

**Authorised Signatory** 



## Narasu's Sarathy Institute of Technology

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Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.

Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

# DEPARTMENT OF MECHANICAL ENGINEERING

NSIT, Salem

From

Head of the Department,
Mechanical Engineering,
Narasu's sarathy Institute of Technology,
Salem – 636 305.

DE-10-24

To

The Principal,
Narasu's sarathy Institute of Technology,
Salem – 636 305.

Respected Sir,

Sub: Mechanical Engineering Laboratory Service - Regards.

I am writing this letter to make a request for Mechanical Engineering Department laboratory equipment services for our institution. So we planned to service our lab equipments and get the quotation details from M Total Instrumentation solutions, Coimbatore. So I kindly Request you to give the permission to overcome the problems in our laboratory as soon as earlier.

Herewith I Enclose the M. Total Instrumentation solutions Quotation Details.

Thanking you

Yours Truly

Uma Shankar M AP / Mech

# M TOTAL INSTRUMENTATION SOLUTION

140B, Venkettasamy road, New Sidhapudur, Coimbatore - 641 044 Cell No: 9443755057

QUOTATION NO: MA/JAN - 030

Date: 2.01.2021

To, THE PRINCIPAL, Narasus Sarathy institute of technology, Salem.



# SUB: QUOTATION FOR YOUR SERVICE ENQUIRY

Dear Sir,

We thank you very much for your enquiry and have pleasure in quoting as given below.

Service for S.No	or Strength of materials Lab  Description of item Equipment	Service Charge
51110		8000/-
	Universal testing machine full service  Torsion testing machine full service and replacement of two 4 Jaw	12,000/-
2.	colf-centering vices	8000/-
3.	Brinell hardness testing machine full service	
	(full misalignment and mishandling)	4500/-
4.		3500/-
5.	Impact testing machine striker system and needle have to be	500/-
6.	Spring testing machine full service	500/-
7.	Microscope bulb have to replace 2 no's	37.000

# Service for Manufacturing Technology Lab

S.No	Description of item Equipment	Service Charge
	C. H. Saison S.	4,000/-
1.	Lathe tool dynamometer full service	9,500/-
2.	Planner machine return function is not working	
- 7	( -styming lever damaged )	3500/-
3.	Lathe machines dovetail rest top slide have to replace	2500/-
• 4.	Caption lathe machines pin broken have to service	19,500
Service fo	or Fluid mechanics Lab	19.3

S.No	Description of item Equipment	Service Charge
	Submersible pump test rig pump not working and full service have to do	4,000/-
2.	Keplon turbine test rig spring balance have to replace full service	4,200/-
3.	have to be done  Francis turbine test rig spring balance have to replace full service	4,200/-
	have to be done	

4.	Pelton turbine test rig spring balance have to replace full service have	4,200/-
5,	Flow through Mouth piece pump have to service	3,000/-
6.	Rotometer test setup readings have to fix	500/-
7.	Gear pump test setup pump have to service	5,000/-
8.	Bernoulli's test setup one glass tube broken	500/-

#### Service for Thermal engineering lab

S.No	Description of item Equipment	Service Charge
	Morse test multy cylinder engine loading setup and engine have to service	10,500/-
2.	Refrigeration set up gas filling and full service	6,000/-
3.	Air condition test set up gas filling and full service	6,000

#### **TERMS & CONDITIONS:**

GST

: 18% will be charged extra

**PAYMENT** 

: 50% Advance should be paid against purchase order, 40% on delivery

And Balance after demonstration.

**GUARANTEE** 

: One year.

**VALIDITY** 

: 120 Days.

Looking forward to receive your valuable order.

For M-Total Instrumentation Solutions,

M.M. Cam

**Authorized Signatory** 

92.200 =



# Narasu's Sarathy Institute of Technology

Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.

Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in,www.nsit.edu.in

# REPORTS OF VARIOUS ACTIVITIES FOR OPTIMAL UTILISATION OF RESOURCES



## Narasu's Sarathy Institute of Technology

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admin@nsit.edu.in,www.nsit.edu.in

# REPORT OF FACULTY DEVELOPMENT PROGRAMME

#### **Course content**

Day 1 (22-02-2021)

Converter / Chopper Fed Drives

**Dr.S.Senthilkumar**Professor & Head,
University College of Engineering, Ariyalur.

**Induction Motor Drives** 

Day 2 (23-02-2021)

**Mr.R.Sundar**Associate Professor,
Dr.NGP Institute of Technology, Coimbatore.

Day 3 (24-02-2021)

**Synchronous Motor Drives** 

**Mr.S.Rajarajacholan** Assistant Professor, University College of Engineering, Ariyalur.

Design Of Controllers For Drives

**Day 4** 

**Dr.T.Logeshwaren**Associate Professor,
Kongu Engineeing College. Erode.

Day 5 (26-02-2021)

Design Challenges In Designing Controllers For Special Machines

**Dr.A.Jagadeeshwaran Professor,**Sona College of Technology, Salem.

#### **SCHEDULED DATES**

Last date for submission of Applications: 15.02.2021

Intimation of Selection : 17.02.2021

Confirmation by participants : 19.02.2021

\* e- Certificate will be provided to all the participants

#### **ORGANIZING COMMITTEE**

**Chief Patrons** 

Mr. B. Nitish Harihar

Chairman

Narasu's Sarathy Institute of Technology.

**Mrs.Aishwarya Nitish** 

**Pro Chairman** 

Narasu's Sarathy Institute of Technology.

Thiru, G. Prabakaran

Vice Chairman & Secretary,

Narasu's Sarathy Institute of Technology.

Patron

Dr.V. Munusami

Principal,

Narasu's Sarathy Institute of Technology.

Convener

**Dr.K.Arutselvan** 

Head of the Department

**Department of Electrical & Electronics Engg** 

Narasu's Sarathy Institute of Technology.

**Co-ordinator** 

Mr.R.Sivakumar

**Assistant professor** 

Department of Electrical & Electronics Engg

Narasu's Sarathy Institute of Technology.

# Five Day ONLINE FACULTY DEVELOPMENT PROGRAM on

# SMART DRIVES DESIGN CHALLENGES FOR ELECTRICAL MACHINES

22<sup>nd</sup> to 26<sup>th</sup> Feb 2021

#### Organized by



DEPARTMENT OF
ELECTRICAL AND ELECTRONICS
ENGINEERING



Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in,www.nsit.edu.in

With Education and Ethics, We Create Excellence

#### **ABOUT THE INSTITUTION**

Narasu's Sarathy Institute of Technology, founded in 2008, by Smt. Mahalakshmi educational trust, Narasu's Sarathy Institute of Technology represents a rich tradition of excellence in technology-based education. A premier-league institution among the affiliates of Anna University, owes its vision to late Sri. "Narasu's" R.P.Sarathy an entrepreneur, educationalist and philanthropist. With dedicated efforts of over a decade, Narasu's Sarathy Institute of Technology has emerged into a centre of excellence in engineering education. Building purposeful partnerships with the industry, bolstering its wherewithal continually and evolving innovative programmes consistent with changing times, Narasu's Sarathy Institute of Technology strives to maintain its pre-eminent position as institution providing quality technical education.

#### **ABOUT THE DEPARTMENT**

Electrical and Electronics Engineering is a research-intensive department. Our faculty members and research staff and students are engaged in cutting-edge research activities that span a diversity of areas. These include Power & Energy Systems, Communications & Networks, Control & Intelligent Systems, Robotics, Integrated Circuits & Embedded Systems, Microelectronic Technologies & Devices, AI & Machine Intelligence. By leveraging on expertise in these core areas. The department engages industry and government agencies to address challenges embodied in the Smart Nation initiative such as the creation of intelligent environments, transportation, urban sustain ability, security, and healthcare. The department of EEE attracts more fund & research grants every year. This level of funding together with wellequipped facilities have raised our research profile to the top amoungst Electrical & Electronics Engineering departments globally. The dedication of our faculty and the keen interest exhibited by our students has produced a commendable academic record with university ranks every year.

#### **ABOUT THE PROGRAM**

To impart knowledge on the following Topics

- Steady state operation and transient dynamics of a motor load system.
- Analyze the operation of the converter/chopper fed dc drive, both qualitatively and quantitatively.
- Operation and performance of AC motor drives.
- Analyze and design the current and speed controllers for a closed loop solid state DC motordrive.

#### ADDRESS FOR COMMUNICATION

Mr.S.Govindsamy

Assistant Professor, Department of EEE,
Narasu's Sarathy Institute of Technology-Salem
Mobile: 90800 46358

#### Mr.C.Suresh

Assistant Professor, Department of EEE,
Narasu's Sarathy Institute of Technology-Salem
Mobile: 99442 46123





# Five Day Online Faculty Development Program on SMART DRIVES DESIGN CHALLENGES FOR ELECTRICAL MACHINES

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING** 

#### **REGISTRATION FORM**

1. Name :
2. Designation :
3. Department :
4. Organization :

5. Institution approved

By AICTE : (Yes/No)

6. Address

for communication :

7. Mobile/Phone No :

8. Email ID

9. Academic Qualification:

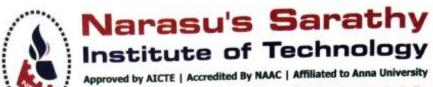
10. Experience in Years :

Place:

Date:

Signature of the participant

(\* Photo copies of the application form can also be used for additional participants)



Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Poosaripatty, Kadayampatti Taluk, Salem - 636 305, Tamil Nadu. India. Phone: 04290 - 249661 04290 - 249662

Fax: 04290 - 249663 Mobile: 93449 72274 93449 72275

admin@nsit.edu.in

Date: 22.02.2021

To

Dr.S.Senthilkumar, Assistant Professor & Head (i/c), University College of Engineering, Ariyalur.

Respected Sir,

Sub: Gratitude for Faculty Development Program\_Reg.

We Narasu's Sarathy Institute of Technology, Department of Electrical and Electronics Engineering was successfully conducted Day -1 session on "Smart Drive Design Challenges for Electrical Machines" on 22.02.2021. We deeply appreciate the wonderful presentation you gave to our attendees. Participants have learned a great knowledge and valuable guidance through your presentation.

We extended our heart full gratitude to Dr.S.Senthilkumar, Assistant Professor & Head (i/c), University College of Engineering, Ariyalur for the valuable Presentation on this occasion.

NSTITUTE OF THE SALEM - 636 305.

(1. Protopor

Your Faithfully

Dr. V. MUNUSAMI, M.E., Pri.D., PRINCIPAL

Narasu's Sarathy Institute
of Technology

Poosaripatty, SALSM - 636 30

Narasu's Sarathy			
Institute of Technology			
Approved by AICTE   Accredited By NAAC   Affiliated to Anna University  Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.  Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in.www.nsit.edu.in.			
Document ID:	2020-21/EVEN/NSIT/EEE/FDP	Document Name:	FDP Report
Department:	EEE	Date and Time:	22.02.2021 @ 10:00AM

22.02.2021

#### **REPORT**

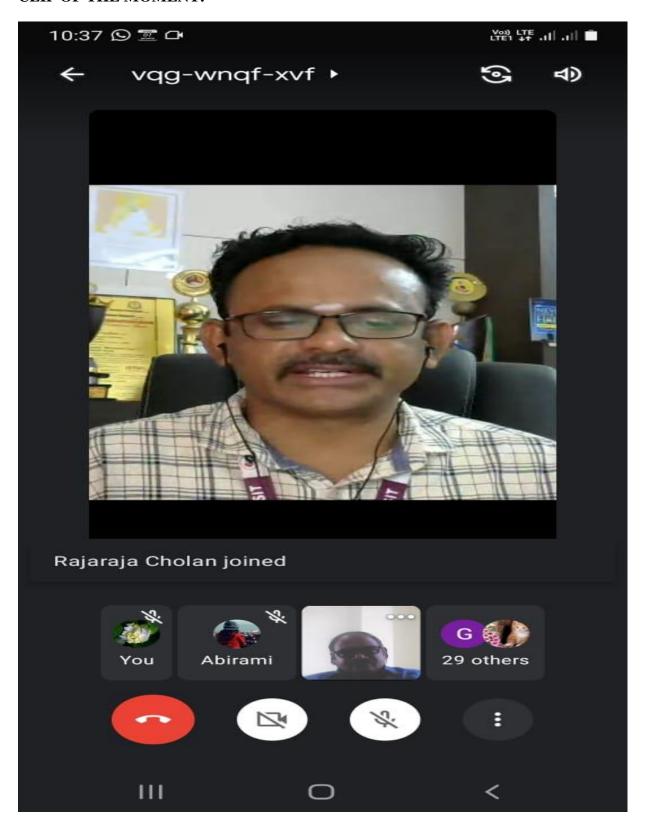
A Five day Faculty Development Program was organized by the Department of EEE on "Smart Drives Design Challenges for Electrical Machines" from 22<sup>nd</sup> February 2021 to 26<sup>th</sup> February 2021.

On the First day of FDP Dr.S.Senthil Kumar, Professor & Head, University College of Engineering, Ariyalur was invited as the Chief Guest of the FDP. Dr.V.Munusami, Principal/NSIT welcomed the chief guest. Dr. K. Arutselvan, HOD/EEE, addressed the gathering and all gave the important points about the electrical drives and its applications.

In this session, the resource person started his speech with the importance of the chopper/converter fed drives. He also explained in detail about the choppers and its different types. He discussed that the chopper converts the fixed DC voltage to variable DC voltage. Self-commutated devices like MOSFET, IGBT, power transistors, GTO and IGCT are used for making choppers because they can be commutated by low power control signal and do not need commutation circuit. He also discussed about the several advantages of choppers over phase controlled converter and also explained about the various control strategies in choppers.

In the second half of the session, he discussed about the converter fed drives. Here AC supply is fed to the phase controlled rectifier circuit. AC supply may be single phase or three phase. Phase controlled rectifier converts fixed AC voltage into variable DC voltage. Here the circuit consists of SCR's. By varying the SCR firing angle the output voltage can be controlled. This variable output voltage is fed to the DC motor. By varying the motor input voltage, the motor speed can be controlled. He also discussed about the various applications and advantages of converters and chopper fed dc drives. Finally, he shared his experience and research work in this field and also told about various opportunities available. At the end of the session, vote of thanks was delivered by R.Sivakumar, AP/EEE.

#### **CLIP OF THE MOMENT:**





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93449 7227

Phone: 04290 - 24966 04290 - 24966 04290 - 24966

Mobile: 93449 7227

admin@nsit.edu.i

Date: 23.02.2021

To

Mr.R.Sundar, Associate Professor, Department of Electrical and Electronics Engineering Dr.NGP Institute of Technology, Coimbatore.

Respected Sir,

Sub: Gratitude for Faculty Development Program\_Reg.

We Narasu's Sarathy Institute of Technology, Department of Electrical and Electronics Engineering was successfully conducted Day -2 session on "Smart Drive Design Challenges for Electrical Machines" on 23.02.2021. We deeply appreciate the wonderful presentation you gave to our attendees. Participants have learned a great knowledge and valuable guidance through your presentation.

We extended our heart full gratitude to Mr.R.Sundar, Associate Professor, Dr.NGP Institute of Technology, Coimbatore for the valuable Presentation on this occasion.

Chie Perservani

18, POOSARIPA SALEM - 636 305

Your Faithfully

Narasu's Sarathy Institute Of Technology. Poosaripatty, Salem-638 305.

Inst Approved Salem Bengal	rasu's Sarathy itute of Technology by AICTE   Accredited By NAAC   Affiliated to Anna University uru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305. ffice: 93449-72274, Admission Cell: 93449-72275, 73977-56003, admin@nsitedu.in.www.nsitedu.in		
<b>Document ID:</b>	2020-21/EVEN/NSIT/EEE/FDP	<b>Document Name:</b>	FDP Report
Department:	EEE	Date and Time:	23.02.2021 @ 10:00AM

23.02.2021

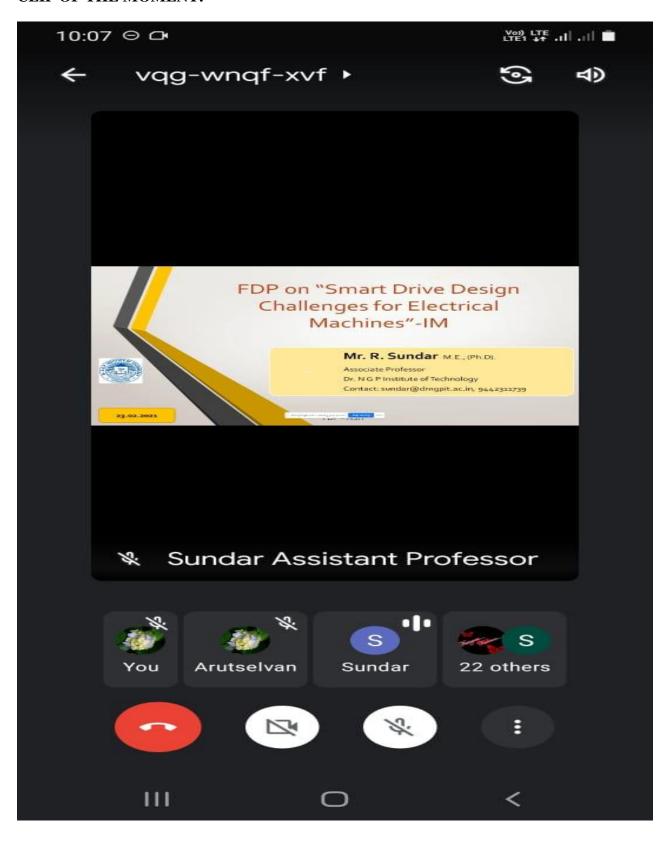
#### **REPORT**

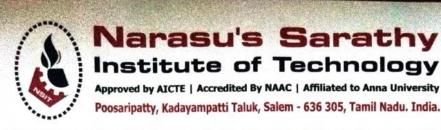
A Five day Faculty Development Program was organized by the Department of EEE on "Smart Drives Design Challenges for Electrical Machines" from 22<sup>nd</sup> February 2021 to 26<sup>th</sup> February 2021.

On the second day of FDP Mr.R.Sundar, Associate Professor, Dr.NGP Institute of Technology, Coimbatore was invited as the Chief Guest of the FDP. Dr. K. Arutselvan, HOD/EEE, NSIT welcomed the chief guest as well as the gathering and all gave the important points about the induction motor drives.

In this session, Mr.R.Sundar started his speech with the significance of induction motor drives. He also gave brief note about his expertise and also about research work in this area. Before his talk about induction motor drives, he explained about the basic concepts of induction motor and electrical drives. He also said for variable speed applications, the DC motor drives are used in the past. But this motor has several disadvantages like the presence of commutator and brushes due to which frequent maintenance is required. He also said that this problem is overcome by the variable speed induction motor drive. The induction motor drive is cheaper, lighter, smaller, more efficient and requires low maintenance. He stated that induction motor drive is not self-starting and it requires external force for starting with leads to higher cost of the machine. At the second half of the session he discussed about the different starting methods available in IM drive and about the various techniques used for controlling the drive. Finally, vote of thanks was delivered by Mr.R.Sivakumar,AP/EEE.

#### **CLIP OF THE MOMENT:**





Phone: 04290 - 249661 04290 - 249662 Fax: 04290 - 249663 Mobile: 93449 72274 93449 72275

admin@nsit.edu.in

Date: 24.02.2021

To

Mr.S.Rajarajacholan, Assistant Professor, Department of Electrical and Electronics Engineering University college of Engineering, Ariyalur.

Respected Sir,

Sub: Gratitude for Faculty Development Program\_Reg.

We Narasu's Sarathy Institute of Technology, Department of Electrical and Electronics Engineering was successfully conducted Day -3 session on "Smart Drive Design Challenges for Electrical Machines" on 24.02.2021. We deeply appreciate the wonderful presentation you gave to our attendees. Participants have learned a great knowledge and valuable guidance through your presentation.

We extended our heart full gratitude to Mr.S.Rajarajacholan, Assistant Professor, University College of Engineering, Ariyalur for the valuable Presentation on this occasion.

our Faithfully

Narasu's Sarathy Institute Of Technolog Poosaripatty, Salem-636 305

With Education & Ethics, we create Excellence

(Sols ARVISELVAN)
ESAC

www.nsit.edu.in

Inst Approved Salem Bengal	itute of Technology by AICTE   Accredited By NAAC   Affiliated to Anna University uru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305. ffice: 93449-72274, Admission Cell: 93449-72275, 73977-56003, admin@nsitedu.in, www.nsitedu.in		
Document ID:	2020-21/EVEN/NSIT/EEE/FDP	<b>Document Name:</b>	FDP Report
Department:	EEE	Date and Time:	24.02.2021 @ 10:00AM

25.02.2021

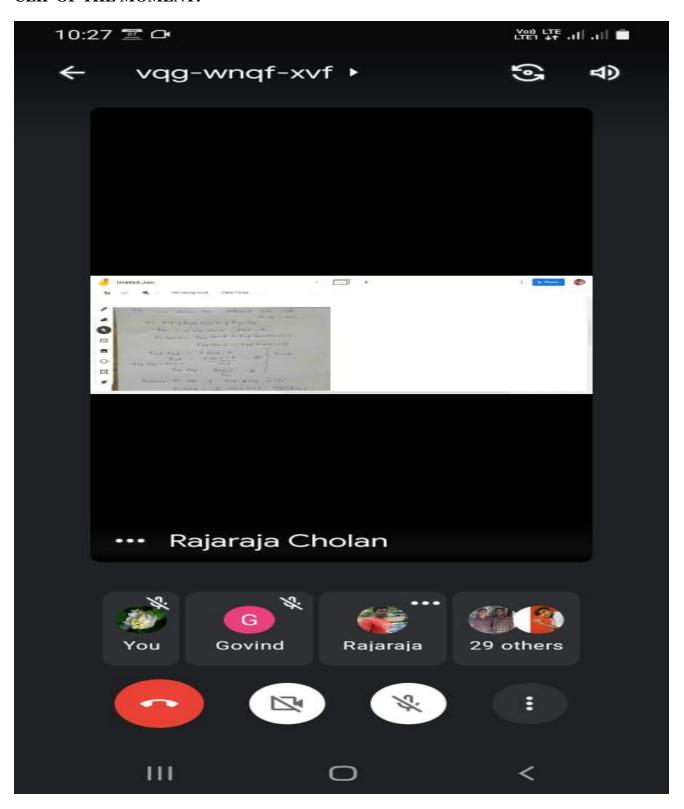
#### **REPORT**

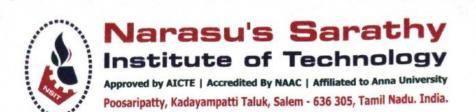
A Five day Faculty Development Program was organized by the Department of EEE on "Smart Drives Design Challenges for Electrical Machines" from 22<sup>nd</sup> February 2021 to 26<sup>th</sup> February 2021.

On the Third day of FDP Mr.S.Rajarajacholan, Assistant Professor, University College of Engineering, Ariyalur was invited as the Chief Guest of the FDP. R.Ramya, III year, EEE student of NSIT welcomed the chief guest and also the gathering.

In this session, the resource person shared his views about the synchronous motor drives. Before discussing about SM drives, he explained about synchronous motor. The synchronous motors rotates at synchronous speed. The main advantages of synchronous motors is that they run on AC supply and DC supply which is given to the rotor ,when they run on synchronous speed the loss is very minimal. He also said that if the synchronous motors are designed to run only at rated synchronous speeds, then what the use of introducing drives to them. The answer is pretty simple, synchronous motor drives makes the starting, pull in and braking process smooth and without any problems. He briefed about the different the different types of starting and braking methods and also advantages and applications available in synchronous motor drives. He mentioned about how important this kind of drives in the industry. Finally, he briefed about his expertize in the synchronous motor field. Ramya.R III/EEE delivered the vote of thanks.

#### **CLIP OF THE MOMENT:**





Phone: 04290 - 249661 04290 - 249662 Fax: 04290 - 249663 Mobile: 93449 72274 93449 72275 admin@nsit.edu.in

Date: 25.02.2021

To

Dr.T.Logeswaran Associate Professor Department of Electrical and Electronics Engineering Kongu Engineering College. Erode.

Respected Sir,

Sub: Gratitude for Faculty Development Program\_Reg.

We Narasu's Sarathy Institute of Technology, Department of Electrical and Electronics Engineering was successfully conducted Day -4 session on "Smart Drive Design Challenges for Electrical Machines" on 25.02.2021. We deeply appreciate the wonderful presentation you gave to our attendees. Participants have learned a great knowledge and valuable guidance through your presentation.

We extended our heart full gratitude to Dr.T.Logeswaran, Associate Professor, Department of Electrical and Electronics Engineering Kongu Engineering College. Erode for the valuable Presentation on this occasion.



Dr. V. MUNOSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarainy Institute

Inst Approved Salem Bengali	itute of Technology by AICTE   Accredited By NAAC   Affiliated to Anna University uru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305. fffice: 93449-72274, Admission Cell: 93449-72275, 73977-56003, admin@nsit.edu.in, www.nsit.edu.in		
<b>Document ID:</b>	2020-21/EVEN/NSIT/EEE/FDP	Document Name:	FDP Report
Department:	EEE	Date and Time:	25.02.2021 @ 10:00AM

26.02.2021

#### **REPORT**

A Five day Faculty Development Program was organized by the Department of EEE on "Smart Drives Design Challenges for Electrical Machines" from 22<sup>nd</sup> February 2021 to 26<sup>th</sup> February 2021.

On the Fourth day of FDP Dr.T.Logeshwaran, Associate Professor, Kongu Engineering College, Erode was invited as the Chief Guest of the FDP. Jeya Krista Grace, II year /EEE student ,NSIT welcomed the chief guest and also addressed the gathering and all the faculty members.

In this session, Dr.T.Logeshwaran started his speech by explaining about the basics of electric drives and then he told about his expertise in this area. He mainly focused on how to design a controller for an electric drive. He also said that for many years the motor controller was a box which provided the motor speed control and enabled the motor to adapt to variations in the load. Designs were often lossy or they provided only crude increments in the parameters controlled. He also added that now a days modern controllers incorporate both power electronics and microprocessors enabling the control box to take on many more tasks and to carry them out with greater precision. These tasks include controlling the dynamics of the machine and its response to applied loads, Providing electronic commutation, Enabling self-starting of the motor, Protecting the motor and the controller itself from damage or abuse and finally the Matching the power from an available source to suit the motor requirements. He clearly explained about all the above factors and importance of them in designing a controller for electric drives. He also explained about the industrial and research opportunities available in this field. Finally, Vote of thanks was delivered by Ramya.R, III/EEE, NSIT

#### **CLIP OF THE MOMENT:**



Inst Approved Salem Bengale	rasu's Sarathy itute of Technology by AICTE   Accredited By NAAC   Affiliated to Anna University uru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305. ffice: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in.www.nsit.edu.in		
Document ID:	2020-21/EVEN/NSIT/EEE/FDP	Document Name:	FDP Report Day 5
Department:	EEE	Date and Time:	26.02.2021 @ 10:00AM

27.02.2021

#### **REPORT**

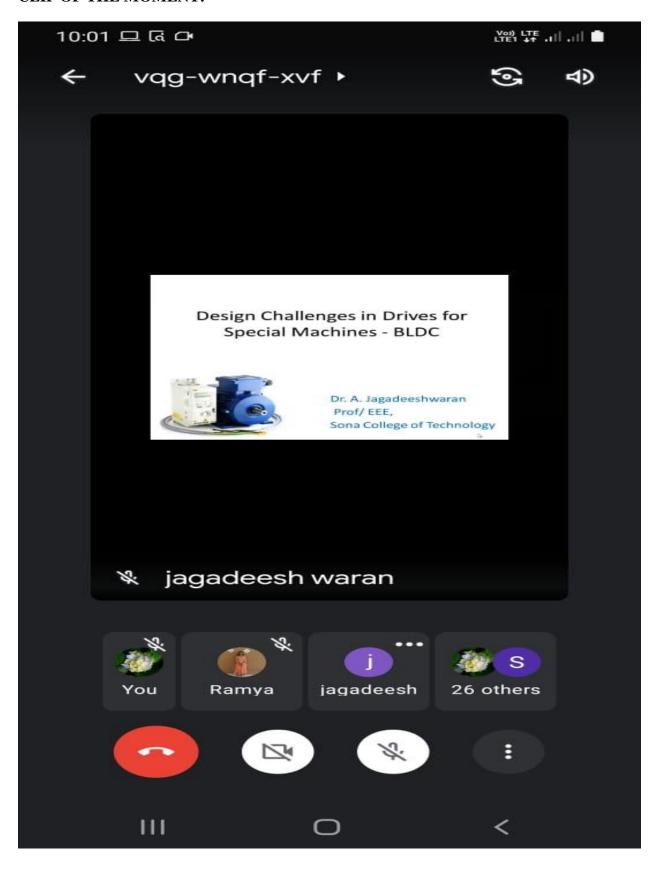
A Five day Faculty Development Program was organized by the Department of EEE on "Smart Drives Design Challenges for Electrical Machines" from 22<sup>nd</sup> February 2021 to 26<sup>th</sup> February 2021.

On the Fifth day of FDP Dr.A.Jagadeeshwaran, Professor, SONA Speed, Sona College of Technology, Salem was invited as the Chief Guest of the FDP. Dr.V.Munusami, Principal/NSIT welcomed the chief guest. Dr. K. Arutselvan, HOD/EEE, addressed the gathering and all gave the important points about the electrical drives and its applications.

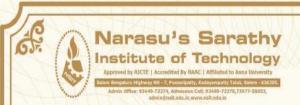
In the first session, Dr.A.Jagadeeshwaran discussed about the challenges faced in the designing controllers for a special electrical machines. Before entering into the topic, he explained about the different types of special electrical machines and its working principle with examples. He described the speed control and current control methods involved in special electrical machines. He also showed different case studies and analysis charts to design a controller for any machine.

In the second session, he explained about the machines designed in the SONA SPEED center and also explained about the working principle of each machines and drives. He also motivated our participants to do more projects in designing which will help them as well as their students to gain more knowledge in the core area. He also explained about various opportunities available in this research area. He also asked our participants to involve in research field which will be beneficial both the individual and the nation. The five days FDP successfully ended with Dr.V.Munusami, Principal/NSIT valedictory address and Ms.R.Ramya III/EEE given Vote of thanks.

#### **CLIP OF THE MOMENT:**



#### **SAMPLE CERTIFICATE:**





# CERTIFICATE

OF PARTICIPATION

This is to certify that Dr. / Mr. / Ms.	Dr.K.KALAISELVAN
This is to certify that Di. / Ivii. / Ivis.	

Er Perumal Manimekalai College of Engineering, Hosur from

has participated in the online FDP on "Smart Drives Design Challenges For Electrical Machines" conducted from 22<sup>nd</sup> - 26<sup>th</sup> February 2021 by the Department of Electrical and Electronics Engineering, Narasu's Sarathy Institute of Technology, Salem.

Mr.R.SIVAKUMAR

Dr.K.ARUTSELVAN

Principal Dr.V.MUNUSAMI



From: Arutselvan K < arutselvank@gmail.com >

Date: Tue, Feb 2, 2021 at 11:13 AM

Subject: Invitation - FDP on Solid State Drives

To: Rajaraja Cholan < rajarajacholanme@gmail.com >

Greeting from Narasu's Sarathy Institute of Technology, We Invite you Resource person for A FDP on SOLID STATE DRIVES during FEb 22 -26. We request you accept our invitation and do the needful.

#### Thanks & Regards

Dr.K.Arutselvan
Professor/Head,
Department of EEE
Narasu's Sarathy Institute of Technology
Salem, Tamil Nadu.



# Fwd: Invitation - FDP on Solid

State Drives > Inbox





#### Arutselvan K

to me

2:25 PM View details

----- Forwarded message -----

From: Arutselvan K <arutselvank@gmail.com>

Date: Tue, Feb 2, 2021 at 11:13 AM

Subject: Invitation - FDP on Solid State Drives

To: Rajaraja Cholan <rajarajacholanme@gmail.com>

Greeting from Narasu's Sarathy Institute of Technology, We Invite you Resource person for A FDP on SOLID STATE DRIVES during FEb 22 -26. We request you accept our invitation and do the needful.

#### **Thanks & Regards**

Dr.K.Arutselvan Professor/Head, Department of EEE Narasu's Sarathy Institute of Technology Salem, Tamil Nadu.



#### Arutselvan K <arutselvank@gmail.com>

#### Invitation for the Faculty Development Program

1 message

Siva Kumar <siva89grasc@gmail.com>

Sat, Feb 6, 2021 at 2:53 PM

To: principal@kongu.ac.in

Cc: hod\_eee@kngu.ac.in, logeswaran.eee@kongu.edu, Arutselvan K <arutselvank@gmail.com>

#### Respected sir,

Greeting from Narasus's Sarathy Institute of Technology(NSIT), We invite Dr.T.Logeshwaran, Associate Professor/EEE to be a resource person for our Faculty development program on "Smart Drives Design Challenges for Electrical Machines". We request to give the presentation on 25.02.2021. Kindly consider our invitation and do the needful.

We attached a formal greeting letter and FDP Brochure.

Thanks & Regards Mr.SIVAKUMAR R **Assistant Professor** FDP CO-ORDINATOR Department of EEE Narasu's Sarathy Institute of Technology, Salem.

#### 2 attachments



Logeshwaren sir.pdf 512K



**Broucher FDP.pdf** 1689K



#### Arutselvan K <arutselvank@gmail.com>

#### **Invitation - FDP on Solid State Drives**

3 messages

Arutselvan K <arutselvank@gmail.com> To: Rajaraja Cholan <rajarajacholanme@gmail.com> Tue, Feb 2, 2021 at 11:13 AM

Greeting from Narasu's Sarathy Institute of Technology, We Invite you Resource person for A FDP on SOLID STATE DRIVES during FEb 22 -26. We request you accept our invitation and do the needful.

#### Thanks & Regards

Dr.K.Arutselvan Professor/Head, Department of EEE Narasu's Sarathy Institute of Technology Salem, Tamil Nadu.

Rajaraja Cholan <rajarajacholanme@gmail.com> To: Arutselvan K <arutselvank@gmail.com>

Tue, Feb 2, 2021 at 11:26 AM

Thank you for your mail.

[Quoted text hidden]

Arutselvan K <arutselvank@gmail.com> To: gayathrigsep18@gmail.com

Wed, Mar 3, 2021 at 4:10 AM

[Quoted text hidden]



Siva Kumar <siva89grasc@gmail.com>

#### **Invitation for the Faculty Development Program**

Siva Kumar <siva89grasc@gmail.com> To: senthil21575@gmail.com

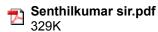
Sat, Feb 6, 2021 at 3:03 PM

#### Respected sir,

Greeting from Narasus's sarathy institute of technology, we invite you to be a resource person for our 5 day faculty development program on "Smart Drives Design Challenges For Electrical Machines" during. we request you give your presentation on 22.02.21 and kindly accept our invitation and do the needful.

We attached a formal greeting letter and FDP Brochure.

#### 2 attachments





#### FDP Attendence list of Participants (22.02.2021-26.02.2021)

S.NO	Name of the Participant (Ex. RAVI S)	Name of the College / Institution / Company
1	Ashokkumar R	Narasu's Sarathy Institute of Technology ,Salem
2	Mr.P.Santhosh Kumar	Narasu's Sarathy Institute of Technology ,Salem
3	Maheswari L	Er. Perumal Manimekalai College of Engineering
4	Nandhini M	Saveetha engineering college
5	Ms.M.Archana	Narasu's Sarathy Institute of Technology ,Salem
6	Guna Varma	Narasu's sarathy institute of technology
7	Ramya.R	Narasu's Sarathy Institute of technology
8	V. Jeya Krista Grace	Narasu's sarathy institute of technology
9	Abirami K	Narasus sarathy institute technology
10	Aravindh R	AVS Engineering College
11	Saranya.D	Narasu's Sarathy Institute of Technology
12	S.Manju	Narasu's Sarathy Institute of Technology ,Salem
13	Anusiya B	Narasu's Sarathy Institute of Technology ,Salem
14	Thangaraj D	AVS ENGINEERING COLLEGE SALEM
15	Kaviya S	Narasu's Sarathy institute of technology
16	Senji V	Narasu's Sarathy Institute of Technology Salem
17	Valarmathi T	Narasus sarathy institute of technology
18	Senthilkumar T	Er.Perumal Manimekalai College of Engineering
19	Gowthami. N	Narasu's sarathy institute of technology
20	Prasanth M	Narasu's Sarathy Institute of Technology ,Salem
21	Dr. M. Sahithullah	ER. Perumal Manimekalai college of engineering
22	Soundharya.M	Narasu's sarathy institute of technology
23	Satheesh C S	Muthayammal Engineering College (Autonomous)
24	Dr.R.Essaki Raj	Rajalakshmi Engineering colleges
25	Punitha R	Muthayammal Engineering College
26	Sharos H.	TKM College of Engineering, Kollam
27	Sabarinathan S	Narasus Sarathy Institute of Technology
28	Dr K KALAISELVAN	Er Perumal Manimekalai College of Engineering
29	Sivasakthi V	Narasus sarathy institute of technology
30	Govindaraj V	Narasu's Sarathy Institute of Technology
31	S. Sivaprakasam	Narasu's Sarathy Institute of Technology Salem
32	Suganya C	AVS Engineering College
33	Renuga Devi. A	Narasu's Sarathy Institute of Technology ,Salem
34	Dr.K.Mahendran	Jansons Institute of Technology
35	Mrs.Nandhini Varadharajan	Bharath Corporate, India
36	Mr.Vigneshwar Manoharan	Bharath Corporate, India

3/6/2021 Gmail - Gratitude Letter



#### Arutselvan K <arutselvank@gmail.com>

#### **Gratitude Letter**

Arutselvan K <arutselvank@gmail.com>

Tue, Feb 23, 2021 at 4:38 PM

To: Sundar Assistant Professor <sundar@drngpit.ac.in>

Really your session was informative and inspiration to all the participants. Participants gained knowledge on Induction motor drives through your presentation. We convey our gratitude through this attached gratitude letter.

Thanks & Regards Dr.K.ARUTSĔLVAN Prof/Head Department of EEE Narasu's SarathyInstitute Of Technology,Salem.



Fax: 04290 - 249663 Mobile: 93449 72274

93449 72275

admin@nsit.edu.in

Date: 22.02.2021

To

Dr.S.Senthilkumar, Assistant Professor & Head (i/c), University College of Engineering, Ariyalur.

Respected Sir,

Sub: Gratitude for Faculty Development Program\_Reg.

We Narasu's Sarathy Institute of Technology, Department of Electrical and Electronics Engineering was successfully conducted Day -1 session on "Smart Drive Design Challenges for Electrical Machines" on 22.02.2021. We deeply appreciate the wonderful presentation you gave to our attendees. Participants have learned a great knowledge and valuable guidance through your presentation.

We extended our heart full gratitude to Dr.S.Senthilkumar, Assistant Professor & Head (i/c), University College of Engineering, Ariyalur for the valuable Presentation on this occasion.

SALEM-636 305.

(1. Hustrandan)

Your Faithfully

Dr. V. MUNUSAMI, M.E., Ph.D., PRINCIPAL

Narasu's Sarathy Institute of Technology

Poosarlpatty, SALEM - 636 305

Fax: 04290 - 249663 Mobile: 93449 72274

93449 72275

admin@nsit.edu.in

Date: 23.02.2021

To

Mr.R.Sundar,
Associate Professor,
Department of Electrical and Electronics Engineering
Dr.NGP Institute of Technology,
Coimbatore.

Respected Sir,

Sub: Gratitude for Faculty Development Program\_Reg.

We Narasu's Sarathy Institute of Technology, Department of Electrical and Electronics Engineering was successfully conducted Day -2 session on "Smart Drive Design Challenges for Electrical Machines" on 23.02.2021. We deeply appreciate the wonderful presentation you gave to our attendees. Participants have learned a great knowledge and valuable guidance through your presentation.

We extended our heart full gratitude to Mr.R.Sundar, Associate Professor, Dr.NGP Institute of Technology, Coimbatore for the valuable Presentation on this occasion.

(The Pariseuma)

SALEM-636 305.

Your Faithfully

PRINCIPAL

Narasu<sup>®</sup>s Sarathy Institute Of Technology, Poosaripatty, Salem-636 305,



Fax: 04290 - 249663 Mobile: 93449 72274

93449 72275

admin@nsit.edu.in

Date: 24.02.2021

To

Mr.S.Rajarajacholan,
Assistant Professor,
Department of Electrical and Electronics Engineering
University college of Engineering,
Ariyalur.

Respected Sir,

Sub: Gratitude for Faculty Development Program\_Reg.

We Narasu's Sarathy Institute of Technology, Department of Electrical and Electronics Engineering was successfully conducted Day -3 session on "Smart Drive Design Challenges for Electrical Machines" on 24.02.2021. We deeply appreciate the wonderful presentation you gave to our attendees. Participants have learned a great knowledge and valuable guidance through your presentation.

We extended our heart full gratitude to Mr.S.Rajarajacholan, Assistant Professor, University College of Engineering, Ariyalur for the valuable Presentation on this occasion.

(Sols ARVISELVAN)

Sols ARVISELVAN)

Sols ARVISELVAN

Sols ALEM-636 305.

Your Faithfully

Narasu's Sarathy Institute Of Technolo, Poosaripatty, Salem-636 305

Fax: 04290 - 249663 Mobile: 93449 72274

93449 72275

admin@nsit.edu.in

Date: 25.02.2021

To

Dr.T.Logeswaran Associate Professor Department of Electrical and Electronics Engineering Kongu Engineeing College. Erode.

Respected Sir,

Sub: Gratitude for Faculty Development Program Reg.

We Narasu's Sarathy Institute of Technology, Department of Electrical and Electronics Engineering was successfully conducted Day -4 session on "Smart Drive Design Challenges for Electrical Machines" on 25.02.2021. We deeply appreciate the wonderful presentation you gave to our attendees. Participants have learned a great knowledge and valuable guidance through your presentation.

We extended our heart full gratitude to Dr.T.Logeswaran, Associate Professor, Department of Electrical and Electronics Engineering Kongu Engineering College. Erode for the valuable Presentation on this occasion.



Dr. V. MONOSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarasin Institute



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Phone: 04290 - 24966

04290 - 24966 x : 04290 - 24966

Mobile : 93449 7227

93449 7227

admin@nsit.edu.ii

Date: 26.02.2021

To

Dr. A. Jagadeeshwaran Professor, Sona SPEED Department of Electrical & Electronics Engineering Sona College of Technology, Salem – 636 005.

Respected Sir,

Sub: Gratitude for Faculty Development Program\_Reg.

We Narasu's Sarathy Institute of Technology, Department of Electrical and Electronics Engineering was successfully conducted Day -5 session on "Smart Drive Design Challenges for Electrical Machines" on 26.02.2021. We deeply appreciate the wonderful presentation you gave to our attendees. Participants have learned a great knowledge and valuable guidance through your presentation.

We extended our heart full gratitude to Dr. A. Jagadeeshwaran, Professor, Department of Electrical and Electronics Engineering Sona College of Technology, Salem – 636 005 for the valuable Presentation on this occasion.

CAN DON SALEM-636 305.

Your Faithfully

or Www.nsit.edu.in



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