



ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA



Record No.: ZCOER-ACAD/R/30E

Revision: 00

Date: 01/04/2021

### GFM Meeting Report

Department: Robotics & Automation

Semester: I

Academic Year: 2023-2024

Class: SE

Div:A

Batch:A1

Name of GFM: Prof. Bikesh Kumar

Date of Meeting: 21.07.2023

**Agenda of Meeting :** Review of attendance/ Teaching learning/ Unit tests/ Seminar/ Project/ PBL activity/ Student Chapter activity/ Industrial Visits/ Guest Lecture /Expert lecture/ Training activity/ Placement activity/ Library/ Admin office/ any other

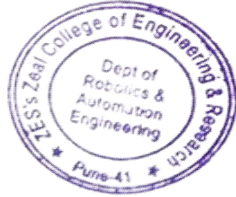
#### Feedback of students:

Attendance should be maintained 75% for Lectures & 100 % for Practicals.

#### Suggestions of students:

New Computer Lab should be there for extra work

**Action taken:** Computer lab with Location B3-02 is Installed with 25 computers



GFM

GFM Coordinator

Class Teacher

Head of Department



**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA**



Record No.: **ZCOER-ACAD/R/30H**

Revision: **00**

Date: **01/04/2021**

**Consolidated Report of GFM-Student Meeting**

**Department: Robotics & Automation**

**Semester: I**

**Academic Year:2023-2024**

**Date:21.07.2023**

To,  
The Head of Department,  
ZCOER, Pune

**Subject:** Report of students' feedback/ suggestions

Respected Sir,

With reference to above subject, student feedback/ suggestions reported in GFM meetings are summarized below.

Sr. No	Suggestion	Source: GFM batches/ suggestion box/ faculty	Number of respondents	Remark
1	New computer lab	SE Class students	20	Informed to HoD for Software Lab, Robot Programming, Robot Operating System

This is for your information and further necessary action.



  
**GFM Coordinator**



**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/30I

Revision: 00

Date:01/04/2021

**Department Level Action Taken Report**

**Department: Robotics & Automation Semester: I**

**Academic Year: 2023-2024**

**Date:28.07.2023**

To,  
The Principal,  
ZCOER, Pune

**Submitted:** Action Taken Report on student suggestions

Respected Sir,

In context to address student suggestions / problems, a meeting of senior faculty members and Head of Department held on 28.07.2023 at 03.45pm. Following points were discussed and resolved as under.

Sr. No	Suggestion	Source: Student Feedback / Parent Feedback / Suggestion Box / Year Div. / Batch etc.	Number of Respondents	Addressed Solution / Resolution	Responsibility assigned to	Resolved date of implementation
1	New Computer lab	SE Class GFM Batches A1, A2, A3	20	The Lab should be prepared & Required installation should be done for Softwares related to Robotics & Automations such as Robot Operating system, Matlab.	Prof. Bikesh Kumar	01.08.2023

**Attendees: 1. Prof. Mallesh Chavan**

**2.Prof. Bikesh Kumar**

**GFM Co-coordinator**



**Head of the Department**



**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA**



Record No.: **ZCOER-ACAD/R/30J**

Revision: **00**

Date: **01/04/2021**

**Suggestions of Students at Institute Level**

**Department: Robotics & Automation**

**Semester: I**

**Academic Year: 2023-2024**

**Date: 28.07.2023**

To,  
The Principal,  
ZCOER, Pune

**Subject:** Report of students' feedback/ suggestions at Institute Level

Respected Sir,

With reference to above subject, students' feedbacks/ suggestions are summarized below.

Sr. No	Suggestion/ Problems	Source: GFM batches/ suggestion box/ faculty/Parent suggestions	Number of respondents	Remark
1	New Computer lab	SE Class GFM Batches A1, A2, A3	20	The Lab should be prepared & Required installation should be done.

This is for your information and further necessary action.



  
**Head of the Department**



Record No.: ZCOER-ACAD/R/30K

Revision: 00

Date:01/04/2021

**Institute Level Action Taken Report**

Department: Robotics & Automation      Semester: I      Academic Year: 2023-2024

Date:01.08.2023

To,  
The HOD

Subject: Action taken on student suggestions/problems

In context to address student suggestions / problems reported to be addressed at institute level, meeting of Principal, Deans and Heads of the Departments was held on 01.08.2023 at 03.45 pm. Following points were discussed and resolved as under.

Sr. No.	Suggestion at Institute Level	Source: Student Feedback / Parent Feedback / PTG / Suggestion Box / Year Div. / Batch etc.	No of Respondents	Addressed Solution / Resolution	Responsibility assigned to	Resolved date of implementation
1	New Computer lab	SE Class GFM Batches A1, A2, A3	20	The Lab should be prepared & Required installation should be done for Softwares related to Robotics & Automations such as Robot Operating system, Matlab.	Prof. Bikesh Kumar	01.08.2023

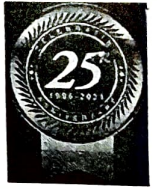
Attendees: 1.Prof. Y.R. Ingole

2.Prof. A. V. Mote

*(Signature)*  
Principal



**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/01

Revision: 00

Date:01/04/2021

**Academic Requirements**

**Department: Robotics & Automation Semester: I**

**Academic Year: 2023-2024**

**Ref.:**

**Date: 01.08.2023**

To,  
The Principal,  
ZCOER, Pune.

**Subject:** Academic requirements for the Computer Laboratory Set up

Respected Sir,

With above reference we are enclosing herewith the requirements of the furniture and infrastructure for the Computer Laboratory.

A) Furniture			
Sr. No.	Item Description	Quantity	Remark
1	Chairs	40	
2	Computer Table	08	05 Computers on one Table-requirements for Computer Table
	Ply 18 mm	20 Sheet	
	Ply 12 mm	20 Sheet	
	Ply 6 mm	01 Sheet	
	Dark Laminate	25 Sheet	
	Handle 4 inch	25	
	Magnet	25	
	Fevicol	30 kg	
	Wood Leaping Patti 1.5 inch	600 ft	
	Screw	17 x 1 inch	
14 x 1.5 inch		4 kg	
14 x 2 inch		4 kg	
Easy Spray	05		
B) IT Infrastructure			
3	Electrical Connection		For 40 Computers and One





	Wire 2.5 mm <sup>2</sup> , 90 m	Red	1 bundle	Printer- requirements for Electrical Connection in the Computer Laboratory
		Blue	1 bundle	
		Yellow	1 bundle	
		Black	2 Bundle	
	Wire 1 mm <sup>2</sup> , 90 m	Red	1 bundle	
		Blue	1 bundle	
		Yellow	1 bundle	
	Wire 4 mm <sup>2</sup> , 90 m	Red	1 bundle	
		Blue	1 bundle	
		Yellow	1 bundle	
		Black	1 Bundle	
	MCB Core Pole -32 Amp		01	
	SP MCB – 16 Amp		06	
	MCB Metal Box 12 Way		01	
	Modular Plate (2 Switch + 2 Socket)		42	
	Modular Surface box (2 Switch + 2 Socket)		02	
	Switch 6 Amp		84	
	Socket 6 Amp		84	
	Channel Patti 2 inch		20	
	Channel Patti 2.5 inch		10	
Casing Patti 1 inch		50		
Screw 35 x 8 inch		04 Box		
Rawl Plug 35 x 8 inch		20 Pockets		
4	Net Connectivity		For 40 Computers- requirements for Net Connectivity in the Computer Laboratory	
	CAT 6 Cable			03 Box
	RJ 45 Connector			02 Box
	24 Port LAN Switch			02
	16 Port LAN Switch			02



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Record No.: ZCOER-ACAD/R/01

Revision: 00

Date:01/04/2021

	4U Rack	02	
5	Printer	02	For B3-04 Existing Computer Lab and B3-02 New Computer Lab
6	Projector	02	For B3-04 Existing Computer Lab and B3-02 New Computer Lab



Prof. Ingole Y.R.

Head of Department

Head of Department

Dept. of Robotics & Automation Engg.

ZES's Zeal College of  
Engineering & Research

Narhe, Pune-411041

Remark by Principal Sir:

*Forwarded for approval*

*Asst. Dir.*  
*01/08/2023*

Remark by Director (Academics, Administration & Admissions) Sir:

*Recommended*

*1/8/23*





**ZEAL**  
EDUCATION  
SOCIETY

www.zealeducation.com



# ZEAL EDUCATION SOCIETY

Regd. No.: F-12037/Pune, DI. 18/05/1997/Maharashtra/11146/96/(Pune) DI. 25/03/1996

📍 Main Building "A", S. No.: 39/1, Narhe, Pune 411041

☎ (020) 67206000/ 67206101

✉ zeal@zealeducation.com 🌐 www.zealeducation.com

FOUNDER DIRECTOR : S. M. KATKAR B.A. (Hons.) L.L.B

## Purchase Order

Store/PO/APT Infotech/2023-24/ 3756

Date: 23/05/2023

To

**APT Infotech**

Office No.5&6, 2nd Floor, Sitachima Shramsafalya Bldg. Ganesh Nagar,

Nr. ICICI Bank Erandwane, Kothrud, Pune:-411038

Phone : 801015077/8600419992

e-mail :

**Subject:** Purchase/ Work order for Computers (LENOVO Neo 50 S) at Zeal Education Society, Pune.

Sir/ Madam

With reference to your quotation (mail. Date:- 23.05.2023), we are pleased to place the Purchase/ Work order for Computers (LENOVO Neo 50 S) at Zeal Education Society Narhe Campus.

Sr. No.	Particulars	HSN/SAC	Qty.	Unit	Rate	Total
1	<b>Computers</b> Make:- Lenovo Neo 50 S Core i5 - 12th Generation, 16GB Ram - DDR4 3200 512GB SSD - m.2 /2280 OS-DOS 3+2 Year Warranty	847150	450	Nos.	37500.00	16875000.00
2	19.5" Monitor	85285200	450	Nos.		
<b>Total</b>						<b>16,875,000.00</b>
<b>GST @ 18%</b>						<b>3,037,500.00</b>
<b>Round Off (+/-)</b>						<b>0.00</b>
<b>Grand Total</b>						<b>19,912,500.00</b>

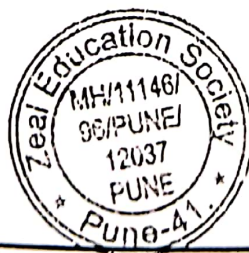
**Amount in words Rs. One Crore Ninety Nine Lacs Twelve Thousand Five Hundred Only**

Terms and Conditions :

1. Admission : Free Door At ZES Narhe Campus
2. Admission Period: Within 8 Days After Purchase Order
3. Taxes & duties: Extra At Actual
4. Payment Terms: 80 Days Credit From The Date of Invoice & Delivery
5. Support: On Site

(Subject to Pune Jurisdiction)

Thanking You.



*J. S. Katkar*  
Mr. Jayesh S. Katkar  
Secretary  
Zeal Education Society

**APT INFOTECH**Office No 5&6, 2<sup>nd</sup> Floor , Sitachilma Shramasafalya, Near ICICI Bank,

Ganesh Nagar, Erandwane, Pune - 411038

**To**  
Zeal Education Society, Pune**Date**  
23<sup>rd</sup> May 2023

Kind Attention :- Mr. Samadhan Lad

Sr.No	Description	Qty	Rate per unit	Amount
1	Lenovo TC Neo 50S Configuration -Core I5- 12th Generation , 16GB Ram, 512GB SSD , 19.5 "Monitor, 3+2yr warranty, OS- DOS	450	37500	16875000
18% GST Extra				

**Terms & conditions -**

- 1.GST 18% on above mention Price.
- 2.Payment 80 days credit from the date of invoice and delivery.
3. Prices are considered for supply only.
4. Warranty for any hardware will be as per resp. company's rules & regulations only.
5. Price Validity 28<sup>th</sup> May 2023

Thanking you,  
Priyanka Gawai  
Manager- Sales & Operations  
APT INFOTECH  
8600419992





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**ZEAL EDUCATION SOCIETY**

Regd. No.: F-12037/Pune, Dt. 18/05/1997/Maharashtra/11146/96/(Pune) Dt. 25/03/1996

Main Building "A", S. No.: 39/1, Narhe, Pune 411041

(020) 67206000/ 67206101

zeal@zealeducation.com www.zealeducation.com

FOUNDER DIRECTOR : S. M. KATKAR B.A. (Hons.) L.L.B

ZB-3/3756

Approval Note

To,  
The Secretary  
Zeal Education Society  
Narhe, Pune: - 41

Date: - 23/05/2023

Subject: - Regarding permission for purchase new desktop

Respected Sir

As per above mention subject it necessary to purchase of desktops for various institutes of zeal education society. The total requires qty. is 450 nos.  
Kindly sanction for the same

Yours faithfully

*23/5/2023*  
Mr. Samadhan Lad  
Network Admin.  
Zeal Education Society

*Rm*  
Purchase Officer  
Zeal Education Society

*S. M. Katkar*  
Secretary  
Zeal Education Society  
Approved by







Samadhan Lad &lt;notadmin@zaaleducation.com&gt;

## Lenovo Desktop Quotation- 450 qty

message

Tue, May 23, 2023 at 3:09 PM

Dear Teni <sten@lenovo.com>  
 Samadhan Lad <netadmin@zaaleducation.com>  
 "jayesh.katkar@zaaleducation.com" <jayesh.katkar@zaaleducation.com>, Shallesh Singh3 <ssingh3@lenovo.com>

Hello Samadhan Sir,

Good Afternoon.

As per our today's meeting please find below is the desktop configuration and Price.

Model No	Configuration	Qty	Price Per Unit
Lenovo Neo 50 S	Core I5- 12th Generation , 16GB Ram, 512GB SSD , 19.5 "Monitor, 3+2yr warranty, OS- DOS	450	37500.00

## Terms &amp; Condition

GST 18% on above mention Price.

Payment 80 days credit from the date of invoice and delivery.

Delivery 1 week from the date of PO.

Request you to release the po to below Lenovo Authorized partner .

Company Name: APT Infotech

Address : Office No.5&amp;6,2nd Floor,Sitachima Shramsafalya Bldg., Ganesh Nagar, Near ICICI Bank, Erandwane, Cothrud, Pune-411038

GSTIN :- 27AUXPG1491L1ZX

Contact :- Priyanka Gawai 8010615077 / 8600419992

Waiting for your valuable purchase order .



anks & Regards,

neer Teni

Account Manager-Pvt Education Biz

ail:- steni@lenovo.com

ne:-9307576799





**Tax Invoice**

<b>APT INFOTECH</b> Office No.5&6,2nd Floor,Sitachima Shramsafalya Bldg. Ganesh Nagar, Near ICICI Bank, Erandwane, Kothrud, Pune-411038 Maharashtra - 411038, India GSTIN/UIN: 27AUXPG1491L1ZX State Name : Maharashtra, Code : 27 Contact : 8010615077 / 8600419992 E-Mail : sales@apt-infotech.com http://apt-infotech.com	Invoice No. <b>2670</b>	Dated <b>2-Jun-23</b>
	Delivery Note	Mode/Terms of Payment <b>80 Days</b>
	Reference No. & Date.	Other References
	Buyer's Order No. <b>2023-24/3756</b>	Dated <b>23-May-23</b>
	Dispatch Doc No.	Delivery Note Date
	Dispatched through	Destination
Buyer (Bill to) <b>Zeal College of Engineering and Research</b> S.No.39,Narhe,Pune-411041 Maharashtra - 411041, India State Name : Maharashtra, Code : 27 Place of Supply : Maharashtra Contact : 020-67206000/67206101	Terms of Delivery	

SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	<b>Lenovo Desktop</b> <i>Lenovo NEO 50s Intel Core I5 12th Generation 16GB RAM,512GB SSD DOS 3+2 Year warranty Serial Numbers As Per Annexure</i>	847130	210 nos	37,500.00	nos	78,75,000.00
2	<b>Lenovo Monitor</b> <i>19.5" Wide Led 62F7KAR4WW / 49.53CM Serial Numbers As Per Annexure</i>	85285100	210 nos			78,75,000.00
	<b>CGST Output</b> <b>SGST Output</b> <b>TCS Payable - 206C</b> 0.1% on the Value 42,92,500 <b>Round Off</b>				9 % 9 %	7,08,750.00 7,08,750.00 4,292.50
<b>Total</b>						<b>₹ 92,96,793.00</b>

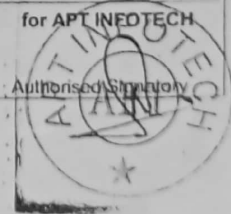
Amount Chargeable (in words) E. & O.E  
**INR Ninety Two Lakh Ninety Six Thousand Seven Hundred Ninety Three Only**

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
847130	78,75,000.00	9%	7,08,750.00	9%	7,08,750.00	14,17,500.00
85285100		9%		9%		
<b>Total</b>	<b>78,75,000.00</b>		<b>7,08,750.00</b>		<b>7,08,750.00</b>	<b>14,17,500.00</b>

Tax Amount (in words) : **INR Fourteen Lakh Seventeen Thousand Five Hundred Only**

Company's Bank Details  
 A/c Holder's Name : **APT INFOTECH**  
 Bank Name : **ICICI Bank**  
 A/c No. : **033805008129**  
 Branch & IFS Code : **Kothrud & ICIC0000338**

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



SUBJECT TO PUNE JURISDICTION

This is a Computer Generated Invoice

**TDS Declaration**  
 As per notification no. 21/2012 dt 13-5-1012  
 As software supplied vide this invoice is acquired in  
 Subsequent transfer & it is transferred without any  
 modification & tax has been deducted U/s 194J  
 on payment for previous transfer of software.  
 You are not required to deduct tax at source on this account  
 My Pan No. AUXPG1491L






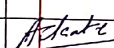

DEED OF DEAD STOCK  
डेड स्टॉक किंवा जंगम मालाच्या

OR MOVABLE PROPERTY

Year 2023 - 2024

रजिस्टरचा नमुना

Sr. No. अ.नं.	Description of Article वस्तूचे वर्णन	Authority for Purchase & date of purchase खरेदी करण्याचे अधिकारपद व खरेदीची तारीख	Number or Quantity संख्या किंवा परिमाण	Value किंमत		Initials of Head of the office कार्यालयाच्या मुख्याधिकार्याच्या अद्याखरे
				Rs. रुपये	Ps. पैसे	
	ZES/CDSR/ZCOER/R4A/CAD LAB/23-24/04/03/12/02/25					
	ZES/CDSR/ZCOER/R4A/CAD LAB/23-24/04/03/12/03/25					
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	ZES/CDSR/ZCOER/R4A/CAD LAB/23-24/04/03/12/05/25					
	ZES/CDSR/ZCOER/R4A/CAD LAB/23-24/04/03/12/06/25					
	ZES/CDSR/ZCOER/R4A/CAD LAB/23-24/04/03/12/07/25					
	ZES/CDSR/ZCOER/R4A/CAD LAB/23-24/04/03/12/08/25					
	ZES/CDSR/ZCOER/R4A/CAD LAB/23-24/04/03/12/09/25					
	ZES/CDSR/ZCOER/R4A/CAD LAB/23-24/04/03/12/10/25					
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	ZES/CDSR/ZCOER/R4A/CAD LAB/23-24/04/03/12/14/25					

Final Disposal अखेरची व्यवस्था	Amount realised & date of credit at treasury वसूल झालेली रक्कम व ती ट्रेझरीत जमा केल्याची तारीख	Amount written off बुडित खाती टाकलेली रक्कम		Balance in Stock साठ्यामधील गिऱकी माल		Initials of the Head of the office कार्यालयाच्या मुख्याधिकार्याच्या अद्याखरे	Remarks शेता	
		Rs. रुपये	Ps. पैसे	Number संख्या	Value किंमत			
					Rs. रुपये			Ps. पैसे
No. or quantity and nature of disposal किती संख्येची किंवा परिमाणाची व कशा प्रकारची व्यवस्था लावली ती	Authority or Voucher अधिकारपत्र किंवा प्रमाणक व्हौचर							
 <b>Head of Department</b> Dept. of Robotics & Automation Engg ZES's Zeal College of Engineering & Research Narhe, Pune-411041								
 <b>Principal</b> ZES's Zeal College of Engineering & Research Narhe, Pune-411041.								
 <b>Head of Department</b> Dept. of Robotics & Automation Engg ZES's Zeal College of Engineering & Research Narhe, Pune-411041								

## डेड स्टॉक किंवा जंगम मालाच्या

## रजिस्टरचा नमुना

Sr. No. अ.नं.	Description of Article वस्तूचे वर्णन	Authority for Purchase & date of purchase खरेदी करण्याचे अधिकारपद व खरेदीची तारीख	Number or Quantity संख्या किंवा परिमाण	Value किंमत		Initials of Head of the office कार्यालयाच्या मुख्याधिकार्याच्या अद्याक्षरे	Final Disposal अखेरीची व्यवस्था		Amount realised & date of credit at treasury वसूल झालेली रक्कम व ती ट्रेझरीत जमा केल्याची तारीख	Amount written off बुडीत खानी टाकलेली रक्कम		Balance in Stock मातृघामगीन गिलकी माल			Initials of the Head of the office कार्यालयाच्या मुख्याधिकार्याच्या अद्याक्षरे	Remarks शेता
				Rs. रुपये	Ps. पैसे		No. or quantity and nature of disposal किती संख्येची किंवा परिमाणाची व कशा प्रकारची व्यवस्था लावली ती	Authority or Voucher अधिकारपत्र किंवा प्रमाणक व्हीचर		Rs. रुपये	Ps. पैसे	Number संख्या	Value किंमत Rs. रुपये Ps. पैसे			
	ZES/CDSR/ZCOER/R4A/CADLAB/23-24/04/03/12/15/25															
	ZES/CDSR/ZCOER/R4A/CADLAB/23-24/04/03/12/16/25															
	ZES/CDSR/ZCOER/R4A/CADLAB/23-24/04/03/12/17/25															
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	ZES/CDSR/ZCOER/R4A/CADLAB/23-24/04/03/12/25/25															

*[Signature]*  
**Head of Department**  
 Dept. of Robotics & Automation Engg  
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