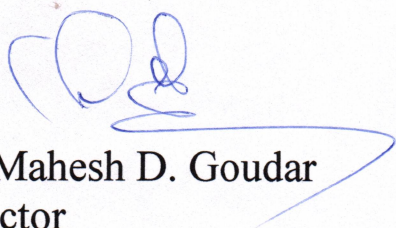
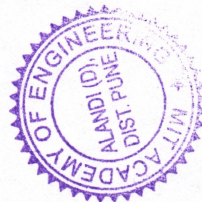


**2.3.2- Teachers use ICT-enabled tools including online resources
for effective teaching and learning:**



Dr. Mahesh D. Goudar
Director
MIT Academy of Engineering
Alandi (D) Pune - 412105



DIRECTOR
MIT Academy of Engineering
Alandi (D.), Pune-412 105.

Digital Systems and Applications - Division A - Theory



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- | | |
|---|-------------------------------------|
| Institute Academic Calendar 21-22 Sem I | <input checked="" type="checkbox"/> |
| E&TC Vision-Mission and PEO-PO-PSO | <input checked="" type="checkbox"/> |
| SY BTECH Time Table | <input checked="" type="checkbox"/> |
| ET222 DSA Syllabus | <input checked="" type="checkbox"/> |
| Examination Evaluation Pattern 2021-22 | <input checked="" type="checkbox"/> |
| Course exit feedback - SY DSA | <input checked="" type="checkbox"/> |

[Final IA and PR marks](#)

- | | |
|--|-------------------------------------|
| Final IA marks out of 30 | <input checked="" type="checkbox"/> |
| <p>All assignments and activities grades are added out of 75. Then scaled down to 30. Verify your Seat no. name and marks. For any variations, please contact me by 24/1/2022, 1pm.</p> | |
| Calculations: PR Continuous Assessment (CA), Project activity and PR exam marks | <input checked="" type="checkbox"/> |
| <ul style="list-style-type: none">Go through the calculations of PR Continuous Assessment (CA), Project activity and PR exam marks.Expt. submissions are added and then scaled down to 10.Regular lab performance (10) - during the regular labs in Time table.Average of these two is considered as CA (PR Continuous assessment)- 10Total 50 marks (CA-10, Project activity 15, PR exam - 15, Oral-10) | |
| Final PR marks out of 50 | <input checked="" type="checkbox"/> |
| <p>Verify your Seat no. name and marks. For any variations, please contact me by 24/1/2022, 1pm.</p> | |

[Attendance SY DSA A Div](#)

- | | |
|---|-------------------------------------|
| Attendance DSA TH Div A 21-22 Sem I | <input checked="" type="checkbox"/> |
|---|-------------------------------------|

[Unit 1 Lecture Notes - Refer Book by Morris Mano](#)

- | | |
|---|-------------------------------------|
| Lecture 1 | <input checked="" type="checkbox"/> |
| Lecture 2-3 | <input checked="" type="checkbox"/> |
| Lecture 4 | <input checked="" type="checkbox"/> |
| Lecture 5 Parallel Binary Adder | <input checked="" type="checkbox"/> |
| Lecture 6 BCD Addition and Adders | <input checked="" type="checkbox"/> |
| Lecture 7 - BCD Subtraction | <input checked="" type="checkbox"/> |
| Lecture 8 Digital codes | <input checked="" type="checkbox"/> |

 [Lecture 9 Parity Generator and Checker](#)



 [Lecture 10 Comparator MUX DMUX](#)



 [Comparator-MUX-DMUX - Additional reading](#)



[Unit 2 Lecture notes \(Refer Book by Floyd\).](#)

 [Unit 2 Lecture notes drive link](#)



Access with mitaoe email id only.

[Unit 3 Lecture Notes - Refer book by Anand Kumar](#)

 [Lecture Notes of Unit 3 - drive link](#)



Access with mitaoe id only.

[Unit 4 Lecture Notes - Refer book by Tocci - chapter 8](#)

 [Unit 4 lecture notes link](#)



Access with mitaoe domain id.

[Unit 5 Lecture notes](#)

 [Unit 5 lecture notes link](#)



[Text and Reference Books](#)

 [Book- Digital Design by Morris Mano](#)



 [Digital Fundamentals by Floyd](#)



 [Digital Systems by Tocci, Widmer and Moss](#)



 [Modern Digital Electronics by RP Jain](#)



 [Digital Circuits by Anand Kumar](#)



 [Digital Systems by Ronald](#)



 [VHDL by J bhasker](#)



 [Digital Design-Principles and Practices by E Wakerly.](#)



[IA Assignments and Activities](#)

 [Quiz - Unit 1 \(MCQs, True-False, one sentence answer\).](#)



 [Assignment 1 - Unit 1: Combinational circuits](#)



 [Quiz - Unit 2 \(MCQs, Short subjective\).](#)



 [Graded Discussion: Role of MUX and DEMUX in communication system](#)



 [Assignment 2: Unit 3](#)



 [Flipped Classroom Activity - Implementation using PLA and PAL](#)



 [Subjective Test - VHDL Coding](#)



Ungraded Activities



[Pre-requisite check](#)



[Reflection on Unit 1](#)



MID SEM OEA DSA



[SY DSA OEA MSE 2021-22 Sem I](#)



Previous Years Question Papers



[SY DSA 2019](#)



[SY DSA 2018](#)



[SY DSA 2017](#)



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Wireless and Mobile Network, Semester - I, 2021 - 2022



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 [CEOs and COs of WMN\(CS412T\)](#)



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 [CO to PO Mapping of WMN\(CS412T\)](#)




 [Course Description of WMN\(CS412T\)](#)



 [Course Syllabi of WMN\(CS412T\)](#)



 [Course Material of WMN\(CS412T\)](#)



Dear all,

You will get all the notes of this course here.

Regards.

[Assessment Pattern](#)

Dear Students,

Welcome to the course on "Wireless and Mobile Networks (CS412)", the assessment and exam pattern is as below

Exam Pattern :-

Internal Assessment (IA) :- 30 Marks

Mid Semester Examination (MSE) :- 20 Marks

MSE Open Ended Assessment (OEA) :- 15 Marks

End Semester Examination (ESE) :- 35 Marks

Assessment Pattern :-

The assessment pattern for IA would be based on Quiz / Activity to be conducted with respect to the units. That will be evaluated based on predefined rubrics.

Regards.

Dr. Pramod D Ganjewar

[Attendance of WMN](#)

 [Attendance](#)



[Old / Sample Question Papers](#)

Dear Students,

You will get Sample question papers here.

Regards

 [QP ESE Oct 2019 Regular](#)



 [QP ESE WMN Jan 2020 ReExam](#)



 [QP WMN ICE Oct 2019](#)



 [QP WMN MSE OEA 20 21](#)



 [QP WMN ESE OEA 20 21](#)



 [QP WMN ESE OEA Remedial 20 21](#)



 [QP WMN MSE OEA 21 22](#)



[Unit - 1 Basics of Wireless Networks](#)

 [Assignment - 1 on Unit - 1](#)



Dear Students,

This is the first activity under Internal assessment of this course. The marks scored in this assignment will be consider in IA.

Please submit the handwritten assignment in pdf format only.

Don't forget to write following information on that assignment

1) Your Full Name

2) Full Roll No.

3) Full Seat No.

4) Branch

Regards.

[Unit - 2 Types of Wireless Networks](#)

 [Graded Quiz - 1 on Unit - 2](#)



Dear Students,

This is the graded Quiz related to Unit - 2 of WMN.

This is the part of IA of this course.

Regards.

[Unit - 3 Basics of Mobile Adhoc Networks](#)

 [Assignment - 2 on Unit 3](#)



Dear Students,

This is the second assignment under Internal assessment of this course. The marks scored in this assignment will be consider in IA.

Please submit the handwritten assignment in pdf format only.

Don't forget to write following information on that assignment

1) Your Full Name

2) Full Roll No.

3) Full Seat No.

4) Branch

Regards.

Dear Students,

OEA assignment questions will be uploaded at 4.25 pm on 23rd Sept. 2021 and will be open till 5.30 pm on the same day.

Regards.

 [WMN \(CS412T\) MSE OEA, Sept - 2021](#)



Dear Students,

As per the guidelines from Controller of Examination during COVID19 pandemic, it is mandatory to conduct Open Ended Assessment (OEA) for every theory course in Semester - VII of AY - 21 - 22. In that regard this OEA assignment is floated and the marks scored out of 15 by students will be forwarded to the exam cell. This is a mandatory activity for every student.

The following are the guidelines for the WMN OEA, Sept - 2021

- 1) This activity would not be rescheduled in any case.
- 2) The written answers for the questions given in OEA need to be submitted / uploaded in pdf format only.
- 3) The submission during / before the deadline only will be evaluated.
- 5) This OEA assignment will have 15 Marks only.
- 6) The maximum duration for the OEA will be 1 Hr. only.
- 7) The OEA contains three questions each of 5 Marks and all the questions will be compulsory.
- 8) Upload your handwritten assignment as per following naming conventions
Syntax :- <<ROLL_NO>>_<<Exam_Seat_NO>>_<<Your_Initials>>_MSE_OEA_Sept_21_22.pdf
Example :- 101_B214111_PDG_MSE_OEA_Sept_21_22.pdf
- 9) Platform to be used for OEA will be **MOODLE** only.
- 10) Date :- 23rd Sept 2021 and time :- 4.30 pm to 5.30 pm

All the students are instructed to follow all the guidelines mentioned above.

Note :- OEA assignment questions will be uploaded at 4.25 pm on 23rd Sept. 2021 and will be open till 5.30 pm on the same day.

Regards.

[Unit - 4 : Routing Protocols and Transport Layer Protocols in MANET](#)

 [Topic List for the Flip Activity on Unit - 4](#)



Dear Students,

Please add the required information in the attached file.

Regards.

 [FC Activity on Routing and Transport Layer Protocols in MANET](#)



Dear Students,

You are requested to select one of the topic from following list for the Flip Classroom Activity

- 1) Global State Routing (GSR)
- 2) Fisheye State Routing (FSR)
- 3) Fuzzy Sighted Link State (FSLs)
- 4) Optimized Link State Routing (OLSR)
- 5) Topology Broadcast Based on Reverse Path Forwarding (TBRPF)
- 6) Hierarchical State Routing (HSR)
- 7) Cluster head gateway switching routing (CGSR)
- 8) Zone routing Protocol (ZRP)
- 9) Landmark Routing protocol (LANMAR)
- 10) Geocast Protocol
- 11) Location Aided Routing (LAR)
- 12) Distance Routing Effect Algorithm for Mobility (DREAM)

- 13) Greedy Perimeter Stateless Routing (GPSR)
- 14) Basics of Flat Routing
- 15) Basics of Geographic Position Assisted Routing

Prepare the presentation containing

- 1) Introduction
- 2) Working with example
- 3) Advantages
- 4) Disadvantages
- 5) Conclusion

Present this to all your friends in the WMN on 22nd October 2021 from 10.30 am to 12.25 pm.

Also Submit the PPTs here.

Regards.

[Unit - 5 Wireless Sensor Networks](#)

 [Poster Design on Unit - 5](#)



Dear Students,

You are requested to select one of the topic from following list

- 1) UNPF
- 2) SAR
- 3) SMECN
- 4) PEGASIS
- 5) Indoor Localization
- 6) Breach Path
- 7) Maximum Support Path
- 8) LEAP
- 9) INSENS
- 10) SPEED
- 11) RAP

Prepare a A4 size poster in soft copy only

The Poster should contain following points

- 1) Introduction
- 2) Working with example
- 3) Advantages
- 4) Disadvantages
- 5) Conclusion

Upload the poster here by every member in the group.

Note : Topic Repetition is not allowed. For the topic selection please fill the excel sheet shared here for Topic selection and Group Formation.

https://docs.google.com/spreadsheets/d/1epzY3CnNN7F0TabdBJ8i_ObrENHCg_mbygZFFttITFU/edit?usp=sharing

Regards

[Unit - 6 Wireless Security](#)

 [Assignment No. 3 on Unit 6](#)



Dear Students,

This is the graded activity on Unit - 6. The marks scored will be considered under internal Assessment of WMN.

Regards.

[WMN \(CS412T\) Internal Assessment Marks, Semester - VII, 21 - 22](#)

[WMN \(CS412T\) IA Marks](#)



Dear Students,

This is the file for compiled IA marks of Wireless and Mobile Networks (CS412T) as per the Assignments / Quizzes / Activities submitted by you.

Please note don't send me any mail / WhatsApp, regarding late submission / extension for any of the IA activity. As i am not going to extend the deadlines of an of the IA activity, as per m instructions which i have informed ou all at the start of term only.

Regards.

[WMN \(CS412T\) Course Exit Survey, Sem - VII, 21 - 22](#)



Dear Students,

Please complete this Course Exit Survey of "Wireless and Mobile Networks (CS412T)" ASAP.

Regards.

[WMN IA Marks Updated 20th Dec. 2021.](#)



Dear Students,

This IA marks are after giving some extension to you all based on your request.

The final marks of IA are uploaded here are already sent to COE.

Regards.

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FHT Lecture At 8.30am on...

24 participants (Guest)



CHAT

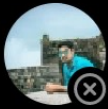
DETAILS

MORE

15 Sep 2022 @ 08:30

Join

15 September 10:18



202002070005 s.

Done



ARAVIND SOLANKE (Guest) has left the conversation.



Saving recording to OneDrive



Meeting ended
2hr 8min 8sec

15 September 10:25



Mahadev Patole has left the conversation.



The screenshot shows a PowerPoint slide with the following content:

- Topic:** Electrical safety of Biomedical Equipments
- Objective:** To make you aware about electrical safety measures in biomedical Instruments.
- Outcome:** To apply the knowledge of electrical safety while designing biomedical instruments.

The slide also features a vertical title 'FUNDAMENTALS OF ELECTRICAL SAFETY' on the left side and a play button icon in the center.

Recorded by Prof. Usha Verma

1 hr 40min

This recording will expire



Type a message



Point No. Criteria Point 2.3.2
Classrooms with the ICT Enabled Facilities

| No. | Level | Room Type | Room Id | Area in sqm | Building Name | Programme | LCD FACILITY (Y/N) | WIFI/LAN facility (Y/N) | Smart Classroom (Y/N) | LMS Facility (Y/N) |
|-----|-------|-----------|---------|-------------|---------------|-------------|--------------------|-------------------------|-----------------------|--------------------|
| 1 | PG | Classroom | D-302A | 66 | D WING | ENGINEERING | YES | YES | YES | YES |
| 2 | PG | Classroom | H-305 | 34 | H WING | ENGINEERING | YES | YES | YES | YES |
| 3 | PG | Classroom | H-310 | 66 | H WING | ENGINEERING | YES | YES | YES | YES |
| 4 | UG | Classroom | A-009 | 93 | A WING | ENGINEERING | YES | YES | YES | YES |
| 5 | UG | Classroom | A-010 | 93 | A WING | ENGINEERING | YES | YES | YES | YES |
| 6 | UG | Classroom | A-105 | 92 | A WING | ENGINEERING | YES | YES | YES | YES |
| 7 | UG | Classroom | A-106 | 92 | A WING | ENGINEERING | YES | YES | YES | YES |
| 8 | UG | Classroom | A-112 | 95 | A WING | ENGINEERING | YES | YES | YES | YES |
| 9 | UG | Classroom | A-113 | 95 | A WING | ENGINEERING | YES | YES | YES | YES |
| 10 | UG | Classroom | D-006 | 66 | D WING | ENGINEERING | YES | YES | YES | YES |
| 11 | UG | Classroom | D-007 | 67 | D WING | ENGINEERING | YES | YES | YES | YES |
| 12 | UG | Classroom | D-008 | 67 | D WING | ENGINEERING | YES | YES | YES | YES |
| 13 | UG | Classroom | D-009 | 66 | D WING | ENGINEERING | YES | YES | YES | YES |
| 14 | UG | Classroom | D-010 | 66 | D WING | ENGINEERING | YES | YES | YES | YES |
| 15 | UG | Classroom | D-108 | 66 | D WING | ENGINEERING | YES | YES | YES | YES |
| 16 | UG | Classroom | D-202 | 66 | D WING | ENGINEERING | YES | YES | YES | YES |
| 17 | UG | Classroom | D-305 | 72 | D WING | ENGINEERING | YES | YES | YES | YES |
| 18 | UG | Classroom | D-307 | 66 | D WING | ENGINEERING | YES | YES | YES | YES |
| 19 | UG | Classroom | D-308 | 50 | D WING | ENGINEERING | YES | YES | YES | YES |
| 20 | UG | Classroom | D-309 | 66 | D WING | ENGINEERING | YES | YES | YES | YES |
| 21 | UG | Classroom | H-010 | 71 | H WING | ENGINEERING | YES | YES | YES | YES |
| 22 | UG | Classroom | H-011 | 71 | H WING | ENGINEERING | YES | YES | YES | YES |
| 23 | UG | Classroom | H-101 | 66 | H WING | ENGINEERING | YES | YES | YES | YES |
| 24 | UG | Classroom | H-104 | 66 | H WING | ENGINEERING | YES | YES | YES | YES |
| 25 | UG | Classroom | H-105 | 67 | H WING | ENGINEERING | YES | YES | YES | YES |
| 26 | UG | Classroom | H-108 | 101 | H WING | ENGINEERING | YES | YES | YES | YES |
| 27 | UG | Classroom | H-202 | 67 | H WING | ENGINEERING | YES | YES | YES | YES |
| 28 | UG | Classroom | H-203 | 67 | H WING | ENGINEERING | YES | YES | YES | YES |
| 29 | UG | Classroom | H-301 | 71 | H WING | ENGINEERING | YES | YES | YES | YES |
| 30 | UG | Classroom | H-302 | 71 | H WING | ENGINEERING | YES | YES | YES | YES |
| 31 | UG | Classroom | H-303 | 71 | H WING | ENGINEERING | YES | YES | YES | YES |

| | | | | | | | | | | |
|----|---|--|--------|-----|--------|---------------|-----|-----|-----|-----|
| 32 | UG | Classroom | H-309 | 66 | H WING | ENGINEERING | YES | YES | YES | YES |
| 33 | UG | Classroom | HBM-10 | 66 | H WING | ENGINEERING | YES | YES | YES | YES |
| 34 | UG | Classroom | HBM-11 | 66 | H WING | ENGINEERING | YES | YES | YES | YES |
| 35 | UG | Classroom | D-109 | 132 | D WING | Design School | YES | YES | YES | YES |
| 36 | UG | Classroom | D-203 | 132 | D WING | Design School | YES | YES | YES | YES |
| 37 | UG | Classroom | D-310 | 132 | D WING | Design School | YES | YES | YES | YES |
| 38 | UG | Classroom | E-001 | 109 | E WING | Design School | YES | YES | YES | YES |
| 39 | UG | Classroom | E-002 | 109 | E WING | Design School | YES | YES | YES | YES |
| 40 | UG | Classroom | E-003 | 109 | E WING | Design School | YES | YES | YES | YES |
| 41 | UG | Classroom | E-006 | 109 | E WING | Design School | YES | YES | YES | YES |
| 42 | UG | Classroom | E-007 | 109 | E WING | Design School | YES | YES | YES | YES |
| 43 | UG | Classroom | E-008 | 109 | E WING | Design School | YES | YES | YES | YES |
| 1 | UG | Seminar Hall | D-011 | 132 | D WING | ENGINEERING | YES | YES | YES | YES |
| 2 | UG | Seminar Hall | D-102 | 172 | D WING | ENGINEERING | YES | YES | YES | YES |
| | 1) | No of classrooms with LCD | | | | 43 | | | | |
| | 2) | No. of classrooms with WiFi/LAN | | | | 43 | | | | |
| | 3) | No. of smart classrooms | | | | 43 | | | | |
| | 4) | No. of class rooms with LMS facilities | | | | 43 | | | | |
| | 5) | No. of Seminar Halls with ICT & LMS Facility | | | | 2 | | | | |
| | 4.1.3 Percentage of classrooms and Seminar Halls with ICT enabled facilities | | | | | | | | | |
| | (43 Class Rooms + 2 Seminar Hall) | | | | | | | | | |
| | $\frac{\hspace{10em}}{\text{Total No. of CR \& Seminar Halls 45}} \times 100$ | | | | | 100% | | | | |

All the Classrooms are Equipped with the LCD Projector , Screen , LAN Connectivity , Internet facility either on LAN or through WIFI. Classrooms as well as Seminar Halls are well equipped to use all the LMS Platforms like Google Classrooms , Google Meet , Go To Webinar , Online Moodle Server , MS Teams Platform for conduction of Physical and Online Sessions.

Atmes/My

System's Administrator

Odeu

Director



MIT Academy of Engineering Alandi

DIRECTOR
MIT Academy of Engineering
Alandi (D.I. Pune--412 105.

MIT

Academy of
Engineering

MIT Academy of Engineering, Alandi (D.) Pune

An Autonomous Institute Affiliated to Savitribai Phule University, Pune

Criteria Point 2.3.2

Bandwidth available of internet connection in the Institution (Leased line)



**INTERNET
BANDWIDTH:**



Academy of
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MIT Academy of Engineering, Alandi(D.) Pune
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Bandwidth available of internet connection in the Institution (Leased line)

| No | Year | Internet Bandwidth | ISP Provider | Remark | |
|----|---------|---|---|---|--------------------------------|
| 1 | 2021-22 | 500 MBPS From 13 Jan 2021 To 12 Jan 2022 | Gazon Communications India Pvt Ltd. | PO No 70/20- 21/Systems Dated 13 Jan 2021 | 11.40 Lakhs Per Annum |
| | | 500 MBPS From 1 March 2022 To 28 Feb 2023 | Gazon Communications India Pvt Ltd. | PO No 308/21- 22/Systems Dated 11 March 2022 | 10.62 Lakhs Per Annum |

System's Administrator

Director

MIT Academy of Engineering Alandi



DIRECTOR
MIT Academy of Engineering
Alandi (D.), Pune-412 105.

Purchase / Work Order

Format No.MITAOE/ADMIN/S&P/F/03 Revision No.01 Date 1/1/2019

Suppliers Copy

| | | |
|--|--|--|
| Invoice To MIT Academy of Engineering Alandi At.Post. Alandi Devachi Dehu Phata, Tal.Khed, Dist.Pune GSTIN/UIN: 27AAAAM1206F1Z6 State Name : Maharashtra, Code : 27 | Voucher No. 75 | Dated 13-Jan-2021 |
| | | Mode/Terms of Payment 100% QUARTERLY AFTER RECEIPT OF INVOICE |
| | Supplier's Ref./Order No. 70/20-21/System | Other Reference(s) Your Email and Dis.with System |
| Supplier Gazon Communication India Ltd. Pesh IT Park , 3rd Floor, Rajiv Gandhi Infotech Park, Behind Persistent Comp., Hinjewadi, Phase 1, Pune 411 045 GSTIN/UIN : 27AAECG8392G1Z9 PAN/IT No : State Name : Maharashtra, Code : 27 Contact person : Mr.Shivprasad Mukane Contact : 7770015621 E-Mail : shivprasad.mukane@gazonindia.com | Despatch through | Destination MITAOE, ALANDI DEVACHI |
| | Terms of Delivery One Year System Dept. | |

| SI No. | Description of Services | Due on | Quantity | Rate | per | Disc. % | Amount |
|--------|---|---------|------------|--------------|-------|---------|-------------------------|
| 1 | Lease Line Connectivity of 500 MBPS (BW RATIO 1:1) ON OPTIC FIBER CABLE MEDIA AND ON RF MEDIA WITH 20 IP ADDRESS OIHK RATE FOR 100 MBPS 400000/-+GST RATE FOR 150 MBPS 600000/-+GST RATE FOR 250 MBPS 850000/-+GST One Year Period From 13/1/2021 to 12/1/2022 <p style="text-align: right;"><i>Input CGST 9 %</i> <i>Input SGST 9 %</i></p> | 1 Years | 1.00 ANNUM | 11,40,000.00 | ANNUM | | 11,40,000.00 |
| | | | | | | | 1,02,600.00 |
| | | | | | | | 1,02,600.00 |
| | Total | | 1.00 ANNUM | | | | Rs. 13,45,200.00 |

Amount Chargeable (in words) E. & O.E

Indian Rupees Thirteen Lakh Forty Five Thousand Two Hundred Only

TERMS AND CONDITIONS:

1. The above work order is for the period of one year i.e. w.e.f. 13/1/2021 to 12/1/2022.
2. We can upgrade or down grade the bandwidth specified in WO i.e. 100, 150, 250 or 500 Mbps.
3. Immediate activated bandwidth would be 500 Mbps.
4. If there is failure in internet services due to fault in your equipment then the same should be rectified immediately otherwise penalty charges will be attracted on prorata basis.
5. Maintenance of your equipment should be carried out at your own cost regularly to avoid the failure of the system.
6. Free of cost technical support will be provided by the vendor.
7. Payment: Quarterly in advance.
8. Any loss / damages during transit & installation will be borne by you.
9. GST : Mentioned as above.

for MIT Academy of Engineering Alandi

Authorised Signatory

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|-------------------------------------|-------------------------------------|--|---|--|
| Store & Purchase Prepared by | Stores & Purchase Checked by | Deputy Director Reviewed by 13.01.21 | Director Forwarded by 14.1.21 | Director / Executive Director Approved by |
|-------------------------------------|-------------------------------------|--|---|--|

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COMMUNICATIONS INDIA LTD

GAZON COMMUNICATIONS INDIA LIMITED

ADDRESS: 28, Parason House, Venkatesh Nagar, Jalna Road,

Aurangabad- 431001, Maharashtra, India

STATE: Maharashtra **STATE CODE:** 27

TEL: (+91) 20 4690 6782

MOB NO: 7030938375

EMAIL: accounts@gazonindia.com

INVOICE NO: GLL/21/06/138

INVOICE DATE: 01-06-2021

PO NO:

PO DATE:

COMPANY NAME: MIT Academy of Engineering Alandi (2019-20)

BILLING ADDRESS: Alandi (Devachi) Dehu Phata Pune
412 105

INSTALLTION ADDRESS: Alandi (Devachi) Dehu Phata
Pune 412 105 Mobile/Contact No:- 919850056535

BUYERS GST NO: 27AAAAM1206F1Z6

USERNAME: mitacademy_alandidevachi

CHANNEL PARTNER:

SALES REPRESENTATIVE:

INVOICE SUMMARY

| Sr | Description OF Goods / Services | HSN / SAC | Plan Duration | Amount | Discount | GST (18%) | Total |
|---------------------|---------------------------------|-----------|-----------------------------|--------|----------|-----------|---------------|
| 1 | mitacademy_500mbps_3m | 998422 | 01-06-2021 To 31-08-2021 | 285000 | | 51300 | 336300 |
| 2 | Internet Leased Line | | | | | | |
| 3 | ARC (1140000) | | | | | | |
| Grand Total: | | | | | | | 336300 |

Rupees in Words:- three lakh, thirty-six thousand, three hundred only

| Tax Summary | HSN/SAC | Taxable Value | SGST (9%) | CGST (9%) | Total |
|-------------|---------|---------------|-----------|-----------|-------|
| | 998422 | 285000 | 25650 | 25650 | 00 |

Notes:

1. All Cheques/DD/NEFT/IMPS/RTGS to be drawn favouring GAZON COMMUNICATIONS INDIA LIMITED.
2. Connectivity provided for legal purposes only.
3. Dishonoured Cheques shall be charged at the rate of Rs. 1000/- per Instrument.
4. Please clear your dues on time to enjoy uninterrupted connectivity.
5. Subject To Aurangabad Jurisdiction.
6. Our PAN: AAECG8392G
7. CIN: U72300MH2012PLC234237
8. GSTIN: 27AAECG8392G1Z9
9. MSME No: MH04E0041004

Our Banking Details:

Name: Gazon Communications India Limited
Account Number: 920030064383932
Bank: Axis Bank
Branch: Corporate Banking Branch Pune
IFSC: UTIB0001636



NOTE : This is a computer generated invoice. Hence, requires no signature.



Aurangabad- 431001, Maharashtra, India
STATE: Maharashtra **STATE CODE:** 27
TEL: (+91) 20 4690 6782
MOB NO: 7030938375
EMAIL: accounts@gazonindia.com

INVOICE NO: GLL/21/09/141**INVOICE DATE:** 01-09-2021**PO NO:****PO DATE:****COMPANY NAME:** MIT Academy of Engineering Alandi (2019-20)**BILLING ADDRESS:** Alandi (Devachi) Dehu Phata Pune
412 105**INSTALLTION ADDRESS:** Alandi (Devachi) Dehu Phata
Pune 412 105 Mobile/Contact No:- 919850056535**BUYERS GST NO:** 27AAAAM1206F1Z6**USERNAME:** mitacademy_alandidevachi**CHANNEL PARTNER:****SALES REPRESENTATIVE:****INVOICE SUMMARY**

| Sr | Description OF Goods / Services | HSN / SAC | Plan Duration | Amount | Discount | GST (18%) | Total |
|--|---------------------------------|-----------|-----------------------------|--------|----------|-----------|---------------|
| 1 | mitacademy_500mbps_3m | 998422 | 01-09-2021 To 30-11-2021 | 285000 | | 51300 | 336300 |
| 2 | Internet Leased Line | | | | | | |
| 3 | ARC (1140000) | | | | | | |
| Grand Total: | | | | | | | 336300 |
| Rupees in Words:- three lakh, thirty-six thousand, three hundred only | | | | | | | |

| Tax Summary | HSN/SAC | Taxable Value | SGST (9%) | CGST (9%) | Total |
|-------------|---------|---------------|-----------|-----------|-------|
| | 998422 | 285000 | 25650 | 25650 | 00 |

Notes:

- All Cheques/DD/NEFT/IMPS/RTGS to be drawn favouring GAZON COMMUNICATIONS INDIA LIMITED.
- Connectivity provided for legal purposes only.
- Dishonoured Cheques shall be charged at the rate of Rs. 1000/- per Instrument.
- Please clear your dues on time to enjoy uninterrupted connectivity.
- Subject To Aurangabad Jurisdiction.
- Our PAN: AAECG8392G
- CIN: U72300MH2012PLC234237

Our Banking Details:

Name: Gazon Communications India Limited
Account Number: 920030064383932
Bank: Axis Bank
Branch: Corporate Banking Branch Pune
IFSC: UTIB0001636



TAX INVOICE



GAZON
COMMUNICATIONS INDIA LTD

GAZON COMMUNICATIONS INDIA LIMITED

ADDRESS: 28, Parason House, Venkatesh Nagar, Jalna Road,
Aurangabad- 431001, Maharashtra, India

STATE: Maharashtra **STATE CODE:** 27

TEL: (+91) 20 4690 6782

MOB NO: 7030938375

EMAIL: accounts@gazonindia.com

INVOICE NO: GLL/21/12/150

INVOICE DATE: 01-12-2021

PO NO:

DUE DATE: 01-12-2021

COMPANY NAME: MIT Academy of Engineering Alandi (2019-20)

BILLING ADDRESS: Alandi (Devachi) Dehu Phata Pune
412 105

INSTALLTION ADDRESS: Alandi (Devachi) Dehu Phata
Pune 412 105 Mobile/Contact No:- 9850056535

BUYERS GST NO: 27AAAAM1206F1Z6

USERNAME: mit1_alandi

CHANNEL PARTNER:

SALES REPRESENTATIVE:

INVOICE SUMMARY

| Sr | Description OF Goods / Services | HSN / SAC | Plan Duration | Amount | Discount | GST (18%) | Total |
|---------------------|---------------------------------|-----------|-----------------------------|--------|----------|-----------|---------------|
| 1 | mit1_alandi_500mbps_3m | 998422 | 01-12-2021 To 28-02-2022 | 285000 | 0 | 51300 | 336300 |
| 2 | Internet Leased Line | | | | | | |
| 3 | ARC (1140000) | | | | | | |
| Grand Total: | | | | | | | 336300 |

Rupees in Words:- Three Lakh, Thirty-six Thousand, Three Hundred only

| Tax Summary | HSN/SAC | Taxable Value | SGST (9%) | CGST (9%) | Total |
|-------------|---------|---------------|-----------|-----------|-------|
| | 998422 | 285000 | 25650 | 25650 | 00 |

Notes:

1. All Cheques/DD/NEFT/IMPS/RTGS to be drawn favouring GAZON COMMUNICATIONS INDIA LIMITED.
2. Connectivity provided for legal purposes only.
3. Dishonoured Cheques shall be charged at the rate of Rs. 1000/- per Instrument.
4. Please clear your dues on time to enjoy uninterrupted connectivity.
5. Subject To Aurangabad Jurisdiction.
6. Our PAN: AAECG8392G
7. CIN: U72300MH2012PLC234237
8. GSTIN: 27AAECG8392G1Z9
9. MSME No: MH04E0041004

Our Banking Details:

Name: Gazon Communications India Limited
Account Number: 920030064383932
Bank: Axis Bank
Branch: Corporate Banking Branch Pune
IFSC: UTIB0001636



NOTE : This is a computer generated invoice. Hence, requires no signature.

WORK ORDER

Format No. MITAOE/ADMIN/S&P/F/03 REV. 2 DATED 1/12/2020

| | | |
|--|--|--|
| Invoice To MIT Academy of Engineering Alandi 21-22 At.Post. Alandi Devachi Dehu Phata, Tal.Khed, Dist.Pune GSTIN/UIN: 27AAAAM1206F1Z6 State Name : Maharashtra, Code : 27 Contact : 020 33253500 Supplier Gazon Communication India Ltd. Pesh IT Park , 3rd Floor, Rajiv Gandhi Infotech Park, Behind Persistent Comp., Hinjewadi, Phase 1, Pune 411 045 GSTIN/UIN : 27AAECG8392G1Z9 PAN/IT No : State Name : Maharashtra, Code : 27 Contact person : Manoj Pawar Contact : 7030463311 E-Mail : manoj.pawar@gazonindia.com | Voucher No. 264 Supplier's Ref./Order No. 308-21-22/SYSTEM Despatch through Terms of Delivery SYSTEM ONE YEAR CONTRACT 1/03/2022 TO 28/2/2023 RENEWAL OF CONTRACT WITH EXISTING VENDOR | Dated 11-Mar-2022 Mode/Terms of Payment Quarterly in Advance Other Reference(s) Your Quotation dt. 10/3/2022 Destination MITAOE, ALANDI DEVACHI |
|--|--|--|

| SI No. | Description of Services | Due on | Quantity | Rate | per | Disc. % | Amount |
|--------|---|---------|-------------------|-------------|-------|---------|-------------------------|
| 1 | Lease Line Connectivity of 500 MBPS (BW RATIO 1:1) <i>On Fiber optic cable and on RF media With 30 Real IP Address Pool Rate for 150 MBPS 400000/- + GST Rate for 350 MBPS 700000/- + GST Rate for 500 MBPS 900000/- + GST Rate for 650 MBPS 1100000/- + GST</i> | 1 Years | 1.00 ANNUM | 9,00,000.00 | ANNUM | | 9,00,000.00 |
| | Input CGST 9 % | | | | | | 81,000.00 |
| | Input SGST 9 % | | | | | | 81,000.00 |
| | Total | | 1.00 ANNUM | | | | Rs. 10,62,000.00 |

Amount Chargeable (in words)

Indian Rupees Ten Lakh Sixty Two Thousand Only

E. & O.E

TERMS AND CONDITIONS:

1. The above work order is for the period of one year i.e. w.e.f. 01/3/2022 to 28/02/2023.
2. We can upgrade or down grade the bandwidth specified in WO i.e. 150, 350, 500 and 650 MBPS.
3. Immediate activated bandwidth would be 500 Mbps. 4. The SLA agreement, the link uptime will be 99.5%. If there is failure in internet services due to fault in your equipment then the same should be rectified immediately otherwise penalty charges will be attracted on prorata basis. 5. You will also deploy secondary / redundant OFC from another POP location to meet SLA. 6. Maintenance of your equipment should be carried out at your own cost regularly to avoid the failure of the system. 7. Free of cost technical support will be provided by the vendor. 8. Payment: Quarterly in advance. 9. Any loss / damages during transit & installation will be borne by you. 10. GST : Mentioned as above.

for MIT Academy of Engineering Alandi 21-22

Authorised Signatory

This is a Computer Generated Document

Manoj Pawar

[Signature]
 Head
 Stores & Purchase
 Prepared by

[Signature]
 Registrar
 Checked by

[Signature]
 Deputy Director
 Reviewed by

[Signature]
 Director
 Forwarded by

[Signature]
 Director / Executive
 Director
 Approved by

14/3/22

14/3/22

TAX INVOICE



GAZON
COMMUNICATIONS INDIA LTD

GAZON COMMUNICATIONS INDIA LIMITED

ADDRESS: 28, Parason House, Venkatesh Nagar, Jalna Road,
Aurangabad- 431001, Maharashtra, India

STATE: Maharashtra **STATE CODE:** 27

TEL: (+91) 20 4690 6782

MOB NO: 7030938375

EMAIL: accounts@gazonindia.com

INVOICE NO: GLL/22/03/153

INVOICE DATE: 01-03-2022

PO NO:

DUE DATE: 01-03-2022

COMPANY NAME: MIT Academy of Engineering Alandi (2019-20)

BILLING ADDRESS: Alandi (Devachi) Dehu Phata Pune
412 105

INSTALLTION ADDRESS: Alandi (Devachi) Dehu Phata
Pune 412 105 Mobile/Contact No:- 9850056535

BUYERS GST NO: 27AAAAM1206F1Z6

USERNAME: mit1_alandi

CHANNEL PARTNER:

SALES REPRESENTATIVE:

INVOICE SUMMARY

| Sr | Description OF Goods / Services | HSN / SAC | Plan Duration | Amount | Discount | GST (18%) | Total |
|---------------------|---------------------------------|-----------|-----------------------------|--------|----------|-----------|---------------|
| 1 | mit1_alandi_500mbps_3m | 998422 | 01-03-2022 To 31-05-2022 | 225000 | 0 | 40500 | 265500 |
| 2 | Internet Leased Line | | | | | | |
| 3 | ARC (900000) | | | | | | |
| Grand Total: | | | | | | | 265500 |

Rupees in Words:- Two Lakh, Sixty-five Thousand, Five Hundred only

| Tax Summary | HSN/SAC | Taxable Value | SGST (9%) | CGST (9%) | Total |
|-------------|---------|---------------|-----------|-----------|-------|
| | 998422 | 225000 | 20250 | 20250 | 00 |

Notes:

1. All Cheques/DD/NEFT/IMPS/RTGS to be drawn favouring GAZON COMMUNICATIONS INDIA LIMITED.
2. Connectivity provided for legal purposes only.
3. Dishonoured Cheques shall be charged at the rate of Rs. 1000/- per Instrument.
4. Please clear your dues on time to enjoy uninterrupted connectivity.
5. Subject To Aurangabad Jurisdiction.
6. Our PAN: AAECG8392G
7. CIN: U72300MH2012PLC234237
8. GSTIN: 27AAECG8392G1Z9
9. MSME No: MH04E0041004

Our Banking Details:

Name: Gazon Communications India Limited
Account Number: 920030064383932
Bank: Axis Bank
Branch: Corporate Banking Branch Pune
IFSC: UTIB0001636



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