

**PROGRAM COMPLETION  
REPORT  
OF  
ONE WEEK ONLINE  
INDUCTION / REFRESHER PROGRAM  
ON  
"INTERNET OF THINGS (IoT)"  
Phase-III  
06/05/2021 to 11/05/2021**

**Sponsored by**

**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
(AICTE), New Delhi**



**INDIAN SOCIETY FOR TECHNICAL EDUCATION  
(ISTE), New Delhi**



**Organized & Submitted by**



**COMPUTER ENGINEERING DEPARTMENT**

**Shanti Education Society's**

**A.G. PATIL INSTITUTE OF TECHNOLOGY,  
SOLAPUR**

18/ [2 A 2] 2, Pratap Nagar, Opp. SRP Camp Vijapur Road,  
Solapur, Maharashtra, India.

Pin code: 413008 Tel : 0217-2342499

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Shanti Education Society's

**A. G. PATIL INSTITUTE OF TECHNOLOGY, SOLAPUR**

Approved by A.I.C.T.C., New Delhi • Affiliated Dr. Babasaheb Ambedkar Technological University, Lonere

**NAAC Accredited**

18 (2/2A) 2, Pratap Nagar, Opp. SRP Camp, Vijapur Road, Solapur - 413 008 (Maharashtra)

Ph.: 0217-2343099 • E-mail : contact@agpit.edu.in • Web : www.agpit.edu.in

Ref. No. : AGPIT/AICTE-ISTE/2020-21/6704

**Date : 08/07/2021**

To,  
Prof. Vijay D. Vaidya  
Executive Secretary, ISTE  
Shaheed Jeet Singh Marg,  
New Delhi-110 016

**Kind Attention : Prof. Vijay D. Vaidya**  
**AICTE Permanent Institute ID : 1-2142081**

**Subject : Submission of Completion Report of AICTE-ISTE Sponsored**  
**Induction / refresher program, Phase III: 2020-2021**

**Ref : ISTE/AICTE-ISTE Orientation/Refresher Programme/2018-19**  
**Dated : 16/02/2021**

**Respected Sir,**

Greeting from A. G. Patil Institute of Technology, Solapur (M.S.)!!

We are grateful for sanctioning the "AICTE-ISTE sponsored Induction / refresher program" on Internet of things. We have received the sanctioned letter from AICTE-ISTE on 16<sup>th</sup> Feb, 2021.

The grant received Rs.1,50,000/- ( One Lakh Fifty Thousand only) out of total grant Rs.2,79,000 /-(Two Lakh Seventy Nine Thousand only) for conduction of three one week online Program. The expenditure occurred for conduction of one week online program Phase-III (6<sup>th</sup> May – 11<sup>th</sup> May) is Rs. 88,500/- (Eighty eight thousand five hundred).

Here with we are sending the completion report of one week online program Phase-III. We kindly request you to accept & acknowledge.

Kindly let us known if anything else is needed from our side

Thanking you.

**Encl-Spiral Binding Report**



**Yours faithfully.**

**Dr. S. A. Patil**  
**Principal**

**A. G. Patil Institute of Technology,**  
**Solapur.**

**(Mobile No. : 9730160904)**



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**DTE CODE : EN 6308**

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ON  
“INTERNET OF THINGS (IoT)”**



**Phase-III, 06/05/2021 to 11/05/2021**

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**Organized by**

**Computer Engineering Department,  
A. G. Patil Institute of Technology,  
Solapur**

**Program Sanction Letter**





## AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES – 2018-19



ISTE/AICTE-ISTE Orientation/Refresher Programme/2018-19 February 16, 2021

Dear Sir/Madam,

Sub : AICTE-ISTE Sponsored Induction/Refresher Programs - regarding

Ref : 1. Our letter dated October 19, 2020.  
2. Your consent letter by email to conduct the program.

Sanction is hereby accorded to the institute to conduct **three programs in Online Format** on the subject titled **Internet of Things** during the following dates:

Phase I	:	02/03/2021 to 07/03/2021
Phase II	:	07/04/2021 to 13/04/2021
Phase III	:	06/05/2021 to 12/05/2021

The headwise breakup of each online programme will be:

a.	Honorarium for Coordinator	Rs.5,000.00
b.	Honorarium to Experts	Rs.75,000.00
c.	Provision for payment to lab attendant engaged during lab practices	Rs.3,000.00
d.	Miscellaneous charge	Rs.10,000.00
<b>Total for each program</b>		<b>Rs.93,000.00</b>

You are requested to take steps to conduct the program subject to the following guidelines (as laid down by the AICTE and ISTE):

- The program duration will be six days.
- The total budget sanctioned for online program is Rs.93,000/- for one week. Expenses should not exceed the prescribed budget provisions.
- Coordinator may use any available software (Google Meet/WebEx/MS Team/ Go to Webinar etc.) for smooth conduction of online FDP and also he/she may explore any other available software.
- Minimum two sessions on inauguration day after inauguration and minimum two sessions before Valedictory function. Institutions/Coordinator will ensure minimum three sessions for remaining four days and one session from that may be utilized for feedback and assessment). Each Session should be of minimum one & half hours.

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SHAHEED JEET SINGH MARG, NEAR KATWARIA SARAI, OPP. SANSKRIT VIDYAPEETH, NEW DELHI – 110 016  
Phone : 011-26513542, 26963431; email : [istedh@isteonline.org](mailto:istedh@isteonline.org); website : [www.isteonline.in](http://www.isteonline.in)



- Coordinator will be free to invite experts for 1½ hour compulsory session on the mental & emotional development, stress management, meditation, human values and ethics, health and happiness etc. which may be conducted by any spiritual social organizations / Individuals like Art of living or similar organization to promote FIT INDIA Movement across the country
- Maximum number of participants allowed is 100 per program and minimum should be 40.
- **Priority should be given to ISTE Life Members. Those who are not member but wish to become member can contact ISTE Office via email: [istedhq@isteonline.org](mailto:istedhq@isteonline.org) or to Mobile No.9718905766.**
- **Max permissible participants from host institute is 30%**
- An online test shall be conducted by coordinator at the end of the program.
- **The certificates shall be issued to only those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.**
- Eminent personalities in the field must be invited as the resource person and minimum one good resource person from industry should be invited during the program.
- Resource persons from outside India are also permitted but no participation from faculty from outside India is allowed.
- Ensure that AICTE officials and ISTE representatives will be invited for the Inauguration and for Valedictory Function of the program. For any assistance you can contact ISTE Office.
- In case the program is cancelled, the funds shall be remitted back by the institute to ISTE immediately along with interest accrued on the amount of grant released.
- Funds once released/sanctioned for organizing the particular topic/ area of FDP cannot be utilized for any other program.
- Maximum honorarium to any session will be Rs. 4000/-. Honorarium is also admissible to the guest called for Inauguration and Valedictory Function.
- The online sessions are to be recorded as the facility is available on the software which is being used for online delivery of FDP. Coordinators will also share recording of all sessions and participant's feedback about total online FDP with ISTE.
- Any unavoidable circumstantial change in the Program with respect to name of Coordinator, Venue and date for organizing AICTE-ISTE Program would mandatorily require prior approval from ISTE.
- **Post conduct of the event, the institute will submit the outcomes achieved from the program.**

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SHAHEED JEET SINGH MARG, NEAR KATWARIA SARAI, OPP. SANSKRIT VIDYAPEETH, NEW DELHI – 110 016  
 Phone : 011-26513542, 26963431; email : [istedhq@isteonline.org](mailto:istedhq@isteonline.org); website : [www.isteonline.in](http://www.isteonline.in)



- You have to follow all norms while conducting the program as laid down for conduction on online mode.
- The fund will be released in two instalments. The first instalment (50% of the total sanctioned budget in case of Private Institute or 90% in case of Govt. Institute) will be released before the commencement of the program and the second instalment will be released after the receipt of the documents mentioned below:
- After completing the program the institute has to send the following to ISTE within 21 days of the completion of the program for each program separately. Detailed schedule of each training program.
  - Program wise list of resource persons invited with full address, brief bio-data, contact details, topics etc.
  - Program wise list of the total participants registered and the participants who have successfully completed the program on the basis of the attendance and test conducted by program coordinator. (With attendance report , marks obtained and question paper)
  - External hard disc/Pen drive (of online recorded FDP and feedback of few participants) has to be sent for all programs separately.
  - The institute should submit statement of expenditure after completion of the program duly audited by certified Chartered Accountant Firm. The head of expenditure should be in conformity with the sanctioned account heads as mentioned in previous page.
  - Institute should keep supporting bills/documents in original with them. It should be made available for verification, if required in future.
  - Utilization Certificate (U.C.) is to be sent along with photocopy of bills for each program within 21 days after completion of programs along with balance amount and interest accrued, if any to ISTE.
  - Institute should submit separate report for each program. Separate Statement of Expenditure must be sent for each programme. However combined U.C. can be sent for all program. Expenditure norms are to be followed strictly for each individual program.
  - A program completion report for each program along with photographs, videos, media report is to be send after the completion of program.
  - News/Media/Magazine cuttings/clippings if any.
  - Two Copies of proceedings of each program.
  - Supporting copies of bills/documents and paid vouchers on account of expenses incurred for the purpose along with Statement of Expenditure duly certified by Chartered Accountant with their Registered Membership Number.

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SHAHEED JEET SINGH MARG, NEAR KATWARIA SARAI, OPP. SANSKRIT VIDYAPEETH, NEW DELHI-110 016  
 Phone : 011-26513542, 26963431; email : [istedhc@isteonline.org](mailto:istedhc@isteonline.org); website : [www.isteonline.in](http://www.isteonline.in)



- Result of test conducted.
- **Report on the outcome achieved from each program for submission to AICTE.**

**Note :** All documents should be countersigned by the Coordinator and Director/Principal of the institution.

**The institutes will forward the following before the commencement of program**

- Link of FDP program brochure or template.
- Link of registration for faculties.
- Details of the program, day wise
- List of resource persons with topic

**Before one of the session:-**

- Response sheet of participants received for considering total number of participant.

**From Day 1 to till end (every day before and after session day)**

- Link of invitation of every session with password for joining to be shared with AICTE and ISTE.
- Attendance in respective online tools of attendee in screen shot or other format.
- Output response/ any test conducted every day or end of the STTP/FDP.
- Result of test conducted
- Response sheet of feedback of attendees on last day

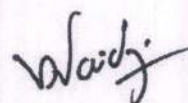
I am confident that the program being organized at your institute under your able leadership would be a grand success. Assuring you the best cooperation from our end at all times.

With best regards,



**(Col. B. Venkat)**

Director, Faculty Development Cell, AICTE



**(Prof. Vijay D. Vaidya)**

Executive Secretary, ISTE

To

Dr. Vedula Padmavathi  
Associate Professor  
A.G. Patil Institute of Technology  
Solapur





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**Computer Engineering Department,  
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Solapur**

**Audited Utilisation certificate**



**Annexure -III**  
**Audited Utilization Certificate**  
for the financial Year: 2020-21

Name of Institute: **A. G. PATIL INSTITUTE OF TECHNOLOGY , SOLAPUR (M.S.)**  
Name of the Scheme under which Grant was sanctioned: **AICTE ISTE INDUCTION/REFRESHER PROGRAMES**

AICTE Sanction Order No. & Date under which Grant was sanctioned	Amount Sanction (Rs.)	CERTIFICATE
Ref No. ISTE/AICTE-ISTE ORIENTATION/REFRESHER PROGRAMME/2018-19 Date- 16.02.2021	279000/-	Certified that out of the grant-in-aid of Rs.279000/- (Two lakh seventy nine thousand Only) sanctioned by the AICTE during the Financial Year 2020-2021 and 2021-2022 as per letter mentioned in the margin, Rs. <u>-Nil-</u> on account of unspent balance of previous year + Rs. <u>-Nil-</u> on account of Interest, A sum of Rs. 93000/- (Ninety three thousand Rupees Only) ( For Phase I ), Rs. 93000/- (Ninety three thousand Rupees Only) ( For Phase II ) and Rs. 88500/- (Eighty eight thousand five hundred Only) ( For Phase III )has been utilized for the purpose for which it was sanctioned, and the balance of Rs.4500/- (Four thousand five hundred Rupees Only) refunded to <b>AICTE ISTE INDUCTION/REFRESHER PROGRAMES</b> by RTGS. Dated 24.06.2021 ( UTR NO- BARBS21175780632)

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

**Kinds of checks exercised:** 1. Audited Annual Accounts of the Institute 2. Receipt & Payment Account of the Institute 3. Periodical Progress Report of the Institute

[Signature of Chartered Accountant]

Name of CA: Sunil G. Ingale

Membership No. : 49374

**S.G. INGALE & ASSOCIATES**  
Chartered Accountants

Flat No. 102, First Floor, Manik Corner  
C.T.S. No. 8037/4-A, 110 Modikhaga Near  
Modi Rickshwa Stop, SOLAPUR-413 001

Visit Us On

at : <http://saingalearcountants.lcal.org.in>

(Signature of Finance Officer)

Name : Mr. M. M. Maitri

Designation: Accounts Officer

Full Address: A. G. Patil Institute of Technology Solapur

Place : Solapur, Maharashtra

Date : 29.06.2021

[Signature of Head of the Institute]

Name: Dr. S.A.Patil

Designation : Principal

Full Address: A. G. Patil Institute of Technology,  
18/(2/2A)/2, Pratap Nagar, Oppo-SRP Camp,  
Solapur-413008 (M.S.)



**FOR S.G. INGALE & ASSOCIATES**  
Chartered Accountants

Firm Registration No. 115386W

*सुनिल इंगले*  
21/7/21

**C A SUNIL G INGALE**  
(Proprietor)

Membership No 49374

UDIN : -21049374 AAAA DG6024





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Solapur**

**Receipts of Payments A/c**

**A. G. PATIL INSTITUTE OF TECHNOLOGY, SOLAPUR (M.S.)****AICTE-ISTE INDUCTION/REFRESHER PROGRAMES**

RECEIPTS &amp; PAYMENTS A/C FOR THE PERIOD 06.05.2021 TO 12.05.2021

RECEIPT	RS	PAYMENT	RS
TO OPENING BALANCE			
CASH IN HAND	0.00	BY HONORORUM EXPS EXPERTS 70500	78500.00
CASH AT BANK	0.00	COORDINTORS 5000 LAB ATTENDANT 3000	
TO AGPIT	93000.00	MISC EXPS	10000.00
TO INTREST (IF ANY)	0.00		
		BY AICTE REFUND	4500.00
		( GRANT REFUND )	
		BY CLOSING BALANCE	0.00
		CASH IN HAND	0.00
		CASH AT BANK	0.00
<b>TOTAL</b>	<b>93000.00</b>	<b>TOTAL</b>	<b>93000.00</b>

[Signature of Chartered Accountant]

Name of CA : Sunil G. Ingale

Membership No. : 49374

**S. G. INGALE & ASSOCIATES**  
Chartered AccountantsFlat No. 102, First Floor, Manik Corner  
C.T.S. No. 8037/4-A, 110 Modikhaga Near  
Modi Rickshwa Stop, SOLAPUR-413001

Visit Us On

<http://saingaaleassociates.icaa.org.in/>

[Signature of Head of the Institute]

Name : Dr. Sunil A. Patil

Designation : Principal

Full Address: A. G. Patil Institute of Technology,  
18/(2/2A)/2, Pratap Nagar, Oppo-SRP Camp, Solapur-  
413008 (M.S.)

(Signature of Finance Officer) Name : Mr. M. M. Maitri

Designation: Account Officer

Full Address: A. G. Patil Institute of Technology, Solapur

18/(2/2A)/2, Pratap Nagar, Oppo-SRP Camp, Solapur-413008 (M.S.)

Place : Solapur, Maharashtra

Date : 29.06.2021

FOR S. G. INGALE & ASSOCIATES  
Chartered Accountants

Firm Registration No. 115386W

Sunil Ingale 21/7/21

C A SUNIL G INGALE

(Proprietor)

Membership No 49374

UDIN:-21049374AAAA DG6024





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Solapur**

**Financial Evidences**



# AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES

## GRANT RECEIVABLE

Ledger Account

( Current Assets )

1-Apr-2021 to 31-May-2021

Date	Particulars	Vch Type	Vch No.	Debit	Credit
1-4-2021	Cr				
	Dr				
	Opening Balance			1,29,000.00	
	Closing Balance				1,29,000.00
				1,29,000.00	1,29,000.00

  
Coordinator

  
Principal  
A. G. Patil Institute of Technology,  
Solapur.



# AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES

## A G PATIL INSTITUTE OF TECHNOLOGY

Ledger Account  
( BRANCH / DIVISIONS )

1-Apr-2021 to 31-May-2021


Page 1  
Credit

Date	Particulars	Vch Type	Vch No.	Debit	Credit
1-4-2021	Cr Opening Balance			57,000.00	
6-5-2021	Dr CASH BEING CASH RECEIED	RECEIPT	1		10,000.00
31-5-2021	Dr CASH BEING CASH RECEIED	RECEIPT	2		10,000.00
	Dr HONORARIUM TO EXPERTS BEING HONORARIUM TO EXPERTS PAID TO E SURESH BABU PAID THROUGH AGPIT A/C NO 164	Journal	1		15,000.00
	Dr HONORARIUM TO EXPERTS BEING HONORARIUM TO EXPERTS PAID TO ANAND NAYYAR PAID THROUGH AGPIT A/C NO 164	Journal	2		8,000.00
	Dr HONORARIUM TO EXPERTS BEING HONORARIUM TO EXPERTS PAID TO S R SAKHARE PAID THROUGH AGPIT A/C NO 164	Journal	3		12,000.00
	Dr HONORARIUM TO EXPERTS BEING HONORARIUM TO EXPERTS PAID TO DR DAMODAR REDDY EDLA PAID THROUGH AGPIT A/C NO 164	Journal	4		12,000.00
	Dr HONORARIUM TO EXPERTS BEING HONORARIUM TO EXPERTS PAID TO NITIN PANDURANG KATKE PAID THROUGH AGPIT A/C NO 164	Journal	5		4,000.00
	Dr HONORARIUM TO EXPERTS BEING HONORARIUM TO EXPERTS PAID TO PRAKASH JAYANT KULKARNI PAID THROUGH AGPIT A/C NO 164	Journal	6		12,000.00
	Dr HONORARIUM TO EXPERTS BEING HONORARIUM TO EXPERTS PAID TO ANISH SAHASTRABUDHE PAID THROUGH AGPIT A/C NO 164	Journal	7		12,000.00
	Dr HONORARIUM TO COORDINATOR BEING HONORARIUM TO COORDINATOR PAID TO DR R V DAREKAR PAID THROUGH AGPIT A/C NO 164	Journal	8		5,000.00
	Dr PAYMENTS TO LAB ATTENDANT BEING PAYMENT TO LAB ATTENDANT PAID TO M G KULKARNI PAID THROUGH AGPIT A/C NO 164	Journal	9		3,000.00
	Dr HONORARIUM TO EXPERTS BEING HONORARIUM TO EXPERTS PAID TO B VENKAT PAID THROUGH AGPIT A/C NO 164	Journal	10		4,000.00
	Dr HONORARIUM TO EXPERTS BEING HONORARIUM TO EXPERTS PAID TO VIJAY D VAIDYA PAID THROUGH AGPIT A/C NO 164	Journal	11		4,000.00

Carried Over

57,000.00 1,11,000.00

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

continued ...



**AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES**

**A G PATIL INSTITUTE OF TECHNOLOGY** Ledger Account : 1-Apr-2021 to 31-May-2021

Page 2

Date	Particulars	Vch Type	Vch No.	Debit	Credit
	Brought Forward			57,000.00	1,11,000.00
31-5-2021	Dr <b>HONORARIUM TO EXPERTS</b> Journal BEING HONORARIUM TO EXPERTS PAID TO MANOJ KAKADE PAID THROUGH AGPIT A/C NO 164		12		10,500.00
	Dr <b>HONORARIUM TO EXPERTS</b> Journal BEING HONORARIUM TO EXPERTS PAID TODR ANANTHANARAYANAN V PAID THROUGH AGPIT A/C NO 164		13		14,000.00
	Dr <b>HONORARIUM TO EXPERTS</b> Journal BEING HONORARIUM TO EXPERTS PAID TO DR GOWTHAM R PAID THROUGH AGPIT A/C NO 164		14		10,500.00
	Dr <b>HONORARIUM TO EXPERTS</b> Journal BEING HONORARIUM TO EXPERTS PAID TO MR ANIKET RANGREJ PAID THROUGH AGPIT A/C NO 164		15		6,000.00
	Dr <b>HONORARIUM TO EXPERTS</b> Journal BEING HONORARIUM TO EXPERTS PAID TO MR VIRESH DAMA PAID THROUGH AGPIT A/C NO 164		16		2,500.00
	Dr <b>HONORARIUM TO EXPERTS</b> Journal BEING HONORARIUM TO EXPERTS PAID TO MR KONDLE MOHAN PAID THROUGH AGPIT A/C NO 164		17		15,000.00
	Dr <b>HONORARIUM TO EXPERTS</b> Journal BEING HONORARIUM TO EXPERTS PAID TO SHRI M A KAKADE PAID THROUGH AGPIT A/C NO 164		18		4,000.00
	Dr <b>HONORARIUM TO COORDINATOR</b> Journal BEING HONORARIUM TO COORDINATOR PAID TO DR VEDULA P V PAID THROUGH AGPIT A/C NO 164		19		5,000.00
	Dr <b>PAYMENTS TO LAB ATTENDANT</b> Journal BEING PAYMENT TO LAB ATTENDANT PAID TO MR SANDEEP LIGADE PAID THROUGH AGPIT A/C NO 164		20		3,000.00
	Dr <b>GRANT REFUND</b> Journal BEING BALANCE AMT REFUNDED		21		4,500.00
Cr	Closing Balance			57,000.00 1,29,000.00 <u>1,86,000.00</u>	1,86,000.00 <u>1,86,000.00</u>

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.



# AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES


## HONORARIUM TO EXPERTS

Ledger Account  
( Indirect Expenses )

1-Apr-2021 to 31-May-2021

Date	Particulars	Vch Type	Vch No.	Debit	Page 1 Credit
31-5-2021	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO E SURESH BABU PAID THROUGH AGPIT A/C NO 164		1	15,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO ANAND NAYYAR PAID THROUGH AGPIT A/C NO 164		2	8,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO S R SAKHARE PAID THROUGH AGPIT A/C NO 164		3	12,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO DR DAMODAR REDDY EDLA PAID THROUGH AGPIT A/C NO 164		4	12,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO NITIN PANDURANG KATKE PAID THROUGH AGPIT A/C NO 164		5	4,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO PRAKASH JAYANT KULKARNI PAID THROUGH AGPIT A/C NO 164		6	12,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO ANISH SAHASTRABUDHE PAID THROUGH AGPIT A/C NO 164		7	12,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO B VENKAT PAID THROUGH AGPIT A/C NO 164		10	4,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO VIJAY D VAIDYA PAID THROUGH AGPIT A/C NO 164		11	4,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO MANOJ KAKADE PAID THROUGH AGPIT A/C NO 164		12	10,500.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TODR ANANTHANARAYANAN V PAID THROUGH AGPIT A/C NO 164		13	14,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO DR GOWTHAM R PAID THROUGH AGPIT A/C NO 164		14	10,500.00	

Carried Over   
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

1,18,000.00

continued ...




**AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES**

**HONORARIUM TO EXPERTS** Ledger Account : 1-Apr-2021 to 31-May-2021

Page 2

Date	Particulars	Vch Type	Vch No.	Debit	Credit
	Brought Forward			1,18,000.00	
31-5-2021	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO MR ANIKET RANGREJ PAID THROUGH AGPIT A/C NO 164		15	6,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO MR VIRESH DAMA PAID THROUGH AGPIT A/C NO 164		16	2,500.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO MR KONDLE MOHAN PAID THROUGH AGPIT A/C NO 164		17	15,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO EXPERTS PAID TO SHRI M A KAKADE PAID THROUGH AGPIT A/C NO 164		18	4,000.00	
Dr	Closing Balance			1,45,500.00	
					1,45,500.00
				1,45,500.00	1,45,500.00

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

# AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES

## HONORARIUM TO COORDINATOR

Ledger Account  
( Indirect Expenses )

1-Apr-2021 to 31-May-2021

Date	Particulars	Vch Type	Vch No.	Debit	Page 1 Credit
31-5-2021	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO COORDINATOR PAID TO DR R V DAREKAR PAID THROUGH AGPIT A/C NO 164		8	5,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING HONORARIUM TO COORDINATOR PAID TO DR VEDULA P V PAID THROUGH AGPIT A/C NO 164		19	5,000.00	
	Dr Closing Balance			10,000.00	10,000.00
				10,000.00	10,000.00

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.



AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES

PAYMENTS TO LAB ATTENDANT

Ledger Account  
( Indirect Expenses )

1-Apr-2021 to 31-May-2021

Date	Particulars	Vch Type	Vch No.	Debit	Page 1 Credit
31-5-2021	Cr A.G. Patil Institute of Technology Journal BEING PAYMENT TO LAB ATTENDANT PAID TO M G KULKARNI PAID THROUGH AGPIT A/C NO 164		9	3,000.00	
	Cr A.G. Patil Institute of Technology Journal BEING PAYMENT TO LAB ATTENDANT PAID TO MR SANDEEP LIGADE PAID THROUGH AGPIT A/C NO 164		20	3,000.00	
				6,000.00	
					6,000.00
				6,000.00	6,000.00
Dr	Closing Balance				

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

# AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES

## MISCELLANEOUS CHARGES

Ledger Account  
( Indirect Expenses )

1-Apr-2021 to 31-May-2021

Date	Particulars	Vch Type	Vch No.	Debit	Page 1 Credit
6-5-2021	Cr <b>CASH</b> BEING DATA PROCESSING WORK EXP PAID TO DR P V VEDULA	Payment	1	5,000.00	
	Cr <b>CASH</b> BEING DATA PROCESSING WORK EXP PAID TO DR P V VEDULA	Payment	2	5,000.00	
31-5-2021	Cr <b>CASH</b> BEING DATA PROCESSING WORK EXP PAID TO DR R V DAREKAR	Payment	3	5,000.00	
	Cr <b>CASH</b> BEING DATA PROCESSING WORK EXP PAID TO DR R V DAREKAR	Payment	4	5,000.00	
Dr	<b>Closing Balance</b>			20,000.00	
					20,000.00
				20,000.00	20,000.00

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.



# AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES

## CASH Book ( Cash-in-hand )

1-Apr-2021 to 31-May-2021

Date	Particulars	Vch Type	Vch No.	Debit	Page 1 Credit
6-5-2021	Cr A.G. Patil Institute of Technology BEING CASH RECEIED	RECEIPT	1	10,000.00	
	Dr MISCELLANEOUS CHARGES BEING DATA PROCESSING WORK EXP PAID TO DR P V VEDULA	Payment	1		5,000.00
	Dr MISCELLANEOUS CHARGES BEING DATA PROCESSING WORK EXP PAID TO DR P V VEDULA	Payment	2		5,000.00
31-5-2021	Cr A.G. Patil Institute of Technology BEING CASH RECEIED	RECEIPT	2	10,000.00	
	Dr MISCELLANEOUS CHARGES BEING DATA PROCESSING WORK EXP PAID TO DR R V DAREKAR	Payment	3		5,000.00
	Dr MISCELLANEOUS CHARGES BEING DATA PROCESSING WORK EXP PAID TO DR R V DAREKAR	Payment	4		5,000.00
				20,000.00	20,000.00

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.



Shanti Education Society's

A/c Head :

# A. G. PATIL INSTITUTE OF TECHNOLOGY

18-2/2A/2, Pratap Nagar, Vijapur Road, Solapur - 413 008.

**CASH VOUCHER**

Date 30/15/2024

Paid to Vedula P.V.

PARTICULARS	Rs.	Ps.
Data Processing work, Google form creation, Digital work	5000	00
TOTAL	5000	00

In Words Rupees Five thousand only

Only by Cash / Cheque

Receivers Sign.

Cashier

Account

Registrar O.S.

Principal



Shanti Education Society's

A/c Head :

# A. G. PATIL INSTITUTE OF TECHNOLOGY

18-2/2A/2, Pratap Nagar, Vijapur Road, Solapur - 413 008.

**CASH VOUCHER**

Date 30/15/2024

Paid to Vedula P.V.

PARTICULARS	Rs.	Ps.
Data processing work (online) (Banner, Leaflet)	5000	00
TOTAL	5000	00

In Words Rupees Five thousand only

Only by Cash / Cheque

Receivers Sign.

Cashier

Account

Registrar O.S.

Principal

Coordinator

A. G. Patil Institute of Technology,  
Solapur.



Sr. No.	Speakers	sessions	Charges /session	Total Remuneration	Bank account no. with IFSC	Name of Bank	Branch	Remark
1	Col. B Venkat	1	4000	4000	373201000061 ICIC0003732	ICICI	Jalandhar Cantt Branch	Chief Guest
2	Prof. Vijay D vaidya	1	4000	4000	68004852718 MAHB0000016	Bank of Maharashtra	Mumbai Dadar	Chief Guest
3	Prof. Manoj Kakade	3	3500	10500	000501592544 ICIC0000005	ICIC Bank	Bund Garden road	Speaker
4	Dr. Ananthanarayanan V.	4	3500	14000	006200100107620 DLXB0000253	Dhanlaxmi Bank	AIT Ettimadai	Speaker
5	Dr. Gowtham R	3	3500	10500	025301100001725 DLXB0000253	Dhanlaxmi Bank	AIT Ettimadai	Speaker
6	Mr. Aniket Rangrej	2	3000	6000	026901523356 ICIC0000269	ICICI bank	Langford Road	Speaker
7	Mr. Viresh Dama	1	2500	2500	087104000216548 IBKL0000087	IDBI Bank	Nigdi, Pune	Speaker
8	Mr. Kondle Mohan	5	3000	15000	33285507453 SBIN0003072	State Bank of India	Treasury Branch, Solapur	Speaker
9	Shri. M. A. Kakade	1	4000	4000	68001886376 MAHB00000750	Bank of Maharashtra	Model Colony Branch pune	Chief Guest
<b>Total Honorarium</b>				<b>70500 Rs</b>				
10	Dr. Vedula P. V.		5000	5000	10140100005822 BARB0RAISHO	Bank of Baroda	Railway lines branch, Solapur	Coordination
11	Mr. Sandeep Ligade		3000	3000	10140100006674 BARB0RAISHO	Bank of Baroda	Railway lines branch, Solapur	Lab Handling
12	Miscellaneous Expenses			10000				
<b>Total</b>				<b>88500</b>				

Principal

Coordinator

A. G. Patil Institute of Technology,  
Solapur.



**A G PATIL INSTITUTE OF TECHNOLOGY, SOLAPUR**

**31.05.2021**

1 Digit Serial no	14 digit debit ac no	Amount	Beneficiary IFSC	Beneficiary ac no	Beneficiary Name	Acc. type
0001	101402000000164	15000.00	SBIN0020149	11107172388	SURESH BABU	SB
0002	101402000000164	8000.00	ICIC0003659	365901500545	ANAND NAYYAR	SB
0003	101402000000164	12000.00	CBIN0282702	3221287402	SUREKHA RUTURAJ SAKHARE	SB
0004	101402000000164	12000.00	UBIN0913286	52010102677580	DAMODAR REDDY EDLA	SB
0005	101402000000164	4000.00	HDFC0000103	01031000091938	NITIN PANDURANG KATKE	SB
0006	101402000000164	12000.00	BKID0001507	150710100003429	PRAKASH JAYANT KULKARNI	SB
0007	101402000000164	12000.00	ICIC0000199	019901527440	ANISH SAHATRABUDHE	SB
0008	101402000000164	4000.00	ICIC0003732	373201000061	B VENKAT	SB
0009	101402000000164	4000.00	MAHB0000016	68004832718	VIJAY D VAIDYA	SB
0010	101402000000164	10500.00	ICIC0000005	000501592544	MANOJ KAKADE	SB
0011	101402000000164	14000.00	DLXB00000253	006200100107620	ANANTHANARAYANAN V	SB
0012	101402000000164	10500.00	DLXB00000253	025301100001725	GOWTHAM R	SB
0013	101402000000164	6000.00	ICIC0000269	026901523356	ANIKET RANGREJ	SB
0014	101402000000164	2500.00	IBKL0000087	087104000216548	VIRESH DAMA	SB
0015	101402000000164	15000.00	SBIN0003072	33285507453	KONDLE MOHAN	SB
0016	101402000000164	4000.00	MAHB00000750	68001886376	M A KAKADE	SB
		<b>145500.00</b>				

CH NO - 00 7394

**Principal**

A. G. Patil Institute of Technology,  
Solapur.

**Coordinator**

**Accounts Officer**  
A. G. Patil Institutes, Solapur.



**A G PATIL INSTITUTE OF TECHNOLOGY, SOLAPUR**

Digit Serial no	14 digit debit ac no	Amount	Beneficiary IFSC	Beneficiary ac no	Beneficiary Name	Acc type
0001	101402000000164	5000.00	BARBORAISHO	10140100005804	RAVIRAJ VISHWAMBHAR DAREKAR	SB
0002	101402000000164	3000.00	BARBORAISHO	10140100016674	MADHURA GAJANAN KULKARNI	SB
0003	101402000000164	5000.00	BARBORAISHO	10140100005822	VDULA P V	SB
0004	101402000000164	3000.00	BARBORAISHO	10140100006674	SANDEEP LIGADE	SB
		16000.00				

CH NO - 00 7392

*Signature*  
**Coordinator**

*Signature*  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.



*Signature*  
**Accounts Officer**  
A.G. Patil Institutes, Solapur.

31.05.2021





## View Transaction Details

Value Date: 31/05/2021

Amount Type: Dr.

Sending Bank Reference: S58187850

Additional Details (Tag 86):

Transaction Remarks: SALARY-RAISHO-RAISHO-RAISHO-RAISHO

Transaction Time: 31/05/2021 01:51:29 PM IST

Account Balance(INR): 15,12,234.60

Entry Date: 31/05/2021

Amount: INR 16,000.00

Supplementary Details:

Reference for Account Owner:

Branch Name: RAILWAY LINES, SOLAPUR

Account Type: Current

Principal

A. G. Patil Institute of Technology,

Solapur.

Coordinator



**A G PATIL INSTITUTE OF TECHNOLOGY**  
18 2 A 2 PRATAP NAGAR OPP SRP CAMP  
VIJAPUR ROAD SOLAPUR  
SOLAPUR  
MAHARASHTRA-413004  
INDIA

Customer Id: 267253251  
Branch Name: RAILWAY LINES, SOLAPUR  
IFSC Code: BARB0RAISHO

Account No: 10140200000164  
MICR Code: 413012003

Your Account Statement as on 01/06/2021

Statement Period from 25/05/2021 to 31/05/2021

Statement of transactions in Current Account 10140200000164 in INR for the period 25/05/2021 - 31/05/2021

A G PATIL INSTITUTE OF TECHNOLOGY		Current Account - 10140200000164			
DATE	NARRATION	CHQ NO.	WITHDRAWAL(DR)	DEPOSIT(CR)	BALANCE(INR)
31/05/2021	NEFT-BKIDN21151424789-SHRI DATTA CONSTRUCTION			1,10,000.00	16,22,234.60Cr
31/05/2021	SALARY-RAISHO-RAISHO-RAISHO-RAISHO	7392	18,000.00		15,12,234.60Cr
31/05/2021	NEFT-BARBX21151352003-M A KAKADE-BANK OF MAHARASHTRA		4,000.00		15,28,234.60Cr
31/05/2021	Charges for PORD Customer Payment :000649499689		2.65		15,32,234.60Cr
31/05/2021	NEFT-BARBX21151351998-KONDLE MOHAN-STATE BANK OF I		15,000.00		15,32,237.25Cr
31/05/2021	Charges for PORD Customer Payment :000649499683		5.60		15,47,237.25Cr
31/05/2021	NEFT-BARBX21151351994-VIRESH DAMA-IDBI BANK LTD (I)		2,500.00		15,47,242.85Cr
31/05/2021	Charges for PORD Customer Payment :000649499677		2.65		15,49,742.85Cr
31/05/2021	NEFT-BARBX21151351991-ANIKET RANGREJI-C.I.C.I. BA		6,000.00		15,49,745.50Cr
31/05/2021	Charges for PORD Customer Payment :000649499676		2.65		15,55,745.50Cr
31/05/2021	NEFT-BARBX21151351989-GOWTHAM R-DHANALAKSHMI BANK		10,500.00		15,55,748.15Cr
31/05/2021	Charges for PORD Customer Payment :000649499673		5.60		15,66,248.15Cr
31/05/2021	NEFT-BARBX21151351985-ANANTHANARAYANAN V-DHANALAKS		14,000.00		15,66,253.75Cr
31/05/2021	Charges for PORD Customer Payment :000649499667		5.60		15,80,253.75Cr
31/05/2021	NEFT-BARBX21151351982-MANOJ KAKADE-I.C.I.C.I. BANK		10,500.00		15,80,259.35Cr
31/05/2021	Charges for PORD Customer Payment :000649499663		5.60		15,90,759.35Cr
31/05/2021	NEFT-BARBX21151351978-VIJAY D VAIDYA-BANK OF MAHAR		4,000.00		15,90,764.95Cr
31/05/2021	Charges for PORD Customer Payment :000649499660		2.65		15,94,764.95Cr
31/05/2021	NEFT-BARBX21151351975-B VENKAT-I.C.I.C.I. BANK LTD		4,000.00		15,94,767.60Cr
31/05/2021	Charges for PORD Customer Payment :000649499657		2.65		15,98,767.60Cr
31/05/2021	NEFT-BARBX21151351971-ANISH SAHATRABUDHE-I.C.I.C.I.		12,000.00		15,98,770.25Cr
31/05/2021	Charges for PORD Customer Payment :000649499654		5.60		16,10,770.25Cr
31/05/2021	NEFT-BARBX21151351967-PRAKASH JAYANT KULKARNI-BANK		12,000.00		16,10,775.85Cr
31/05/2021	Charges for PORD Customer Payment :000649499649		5.60		16,22,775.85Cr
31/05/2021	NEFT-BARBX21151351962-NITIN PANDURANG KATKE-HDFC B		4,000.00		16,22,781.45Cr
31/05/2021	Charges for PORD Customer Payment :000649499644		2.65		16,26,781.45Cr
31/05/2021	NEFT-BARBX21151351957-DAMODAR REDDY EDLA-UNION BAN		12,000.00		16,26,784.10Cr
31/05/2021	Charges for PORD Customer Payment :000649499638		5.60		16,38,784.10Cr
31/05/2021	NEFT-BARBX21151351954-SUREKHA RUTURAJ SAKHARE-CENT		12,000.00		16,38,789.70Cr
31/05/2021	Charges for PORD Customer Payment :000649499634		5.60		16,50,789.70Cr
31/05/2021	NEFT-BARBX21151351949-ANAND NAYYAR-I.C.I.C.I. BANK		8,000.00		16,50,795.30Cr
31/05/2021	Charges for PORD Customer Payment :000649499627		2.65		16,58,795.30Cr
31/05/2021	NEFT-BARBX21151351945-SURESH BABU-STATE BANK OF IN		15,000.00		16,58,797.95Cr
31/05/2021	Charges for PORD Customer Payment :000649499621		5.60		16,73,797.95Cr

**Coordinator**

**Principal**  
**A. G. Patil Institute of Technology,**  
**Solapur.**





Shanti Education Society's

ISO 9001:2008 Certified Institution (LMS-DAC)

**A. G. PATIL INSTITUTE OF TECHNOLOGY SOLAPUR**

Approved by AICTE, New Delhi, Affiliated to Dr. Babasaheb Ambedkar Technological University, Recognized by Government of Maharashtra, DTE, Mumbai.

**DTE CODE : EN 6308**

**NAAC Accredited**



**ONE WEEK ONLINE  
INDUCTION / REFRESHER  
PROGRAM**



**ON**

**“INTERNET OF THINGS (IoT)”**

**Phase-III, 06/05/2021 to 11/05/2021**

**Sponsored by AICTE-ISTE**

**Organized by**

**Computer Engineering Department,  
A. G. Patil Institute of Technology,  
Solapur**

**Certificate of No Interest Earned**





Shanti Education Society's

**A. G. PATIL INSTITUTE OF TECHNOLOGY, SOLAPUR**

Approved by A.I.C.T.C., New Delhi • Affiliated Dr. Babasaheb Ambedkar Technological University, Lonere

**NAAC Accredited**

18 (2/2A) 2, Pratap Nagar, Opp. SRP Camp, Vijapur Road, Solapur - 413 008 (Maharashtra)

Ph.: 0217-2343099 • E-mail : contact@agpit.edu.in • Web : www.agpit.edu.in

**Date : 08.07.2021**

### **CERTIFICATE**

This is to certify that the below mentioned bank account of **A. G. Patil Institute of Technology, Solapur (Maharashtra)** is “**Current**” type account hence **No Interest is Earned** on the amount of Rs. 1,50,000/- (Rs. One Lakh Fifty thousand Only) received on 19<sup>th</sup> February, 2021 from AICTE-ISTE, New Delhi for conducting induction/ refresher Program on the topic “Internet of things”.

**Account Number** : 10140200000164  
**Account Type** : Current  
**Bank** : Bank of Baroda  
**Branch** : Railway Lines, Solapur (Maharashtra)

This is for your kind information.



**Dr. S. A. Patil**

**Principal**

**A. G. Patil Institute of Technology,  
Solapur.**



#### ABOUT AICTE, NEW DELHI



All India Council for Technical Education (AICTE) was set up in November 1945 as a national-level apex advisory body to conduct a survey on the facilities available for technical education and to promote development in the country in a coordinated and integrated manner and to ensure the same, as stipulated in the National Policy of Education (1986). AICTE was vested with statutory authority for planning, formulation, and maintenance of norms & standards, quality assurance through accreditation, funding in priority areas, monitoring, and evaluation, maintaining parity of certification & awards, the management of technical education in the country.

#### ABOUT ISTE, NEW DELHI



The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. The major objective of the ISTE is to provide quality training programmes to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity.

#### ABOUT INSTITUTE

An institute under Shanti Education Society is started with revolutionary ideas and ample innovativeness to provide a world class education in the field of Engineering and Technology at Solapur region in the year 2008. Institute is approved by AICTE, New Delhi, Government of Maharashtra and affiliated to DBATU Lonere, Raigad. The Campus is sprawling over 15 acres located near SRP Camp and is within the city limits of Solapur.

With beautiful landscapes, State of art infrastructure well equipped Laboratories, seminar Halls, Library, Computer Center, Hostel, Indoor / outdoor Sports facilities & all basic amenities, Institute is providing peaceful ambience to students as well as excellent faculty for better teaching & learning in engineering perspective.

**VISION :** "International Standing in Technical Education and Research, contributing towards Improvement and Empowerment of Society, Country and in turn, Mankind."

**MISSION :** To develop technically sound and globally accepted professionals.

To enhance capability of updating with cutting edge technologies and innovative research ideas.

To make aware of social commitments and highest ethical values as inner strength for upliftment of mankind.

To needlecraft career oriented courses and interactive teaching-learning process.

#### ABOUT DEPARTMENT

The department of Computer Engineering is committed to produce top class software and hardware professionals through academic excellence and quality education. The department has developed excellent laboratories, equipped with all recent software and hardware.

To support extensive academics and other activities of the Department an Association of Computer Engineering Students (ACES) had been formed:-

1. To conduct useful courses and technical seminars as per the present demand of industries.
2. To organize various activities like Programming Contest, Technical Quiz, Debate Competition, Personality Contest etc. These not only enhances the technical abilities and knowledge of the students but also develop the students overall personality.
3. To organize events like Project Competition, Paper Presentation etc.
4. To help the students stay ahead of competition specialized courses are planned on hardware and software

## ONE WEEK ONLINE INDUCTION / REFRESHER PROGRAM ON "INTERNET OF THINGS (IoT)"

Phase III : 06/05/2021 to 11/05/2021

Sponsored by



All India Council for Technical Education  
(AICTE), New Delhi

Indian Society for Technical Education  
(ISTE), New Delhi

Organized By



**A. G. PATIL INSTITUTE OF  
TECHNOLOGY, SOLAPUR**  
(NAAC ACCREDITED)

1B (2/2A) / 2, Pratap Nagar, Opp. S.R.P. Camp,  
Vijapur Road, Solapur - 413 008, Maharashtra (India)  
Tel.: 0217 - 2342499

E-mail : contact@agpit.edu.in • Website : www.agpit.edu.in



#### ABOUT THE PROGRAM

Internet of things is the inter-networking of physical devices, vehicles, buildings and other items, embedded with electronics, software, sensors, actuators and network connectivity that enable these objects to collect and exchange data. By learning the inter connection and data exchange, students can create their own IOT networks with connected devices and can access it from anywhere in the world.

This course will provide the participants knowledge and experience on the fast growing field of IOT.

Cloud computing delivers different computer services through the internet like servers, storage, software, analytics, databases and networking etc.

Now a days dealing with huge data which is exponentially increasing is a big task. Data science provides the ways to in which data is discovered, conditioned, extracted, compiled, processed, analyzed, modeled etc. regardless of the size of the data. Big data is a special application of Data science.

IOT is bringing the network to our daily lives - our cars, utilities, homes etc. and extending its reach to cities, industries and more. With such influence, new innovative projects on IOT is a key concern for the whole world.

This course outlines the state-of-the-art prevailing practices for cloud computing with IOT and big data and explains some innovative projects.

#### PROGRAM OBJECTIVES

- To get acquainted with the principles of IOT and IOT standards
- To explore cloud computing with IOT and Data science
- To introduce innovative projects on IOT

#### PROGRAM OUTCOMES

The participants will be able to

- Understand the key concepts in IOT
- Design applications of cloud computing with IOT
- Manage big data
- Develop innovative IOT based projects



#### RESOURCE PERSON

Eminent faculties from IITs, NITs,  
Premier institutes and industry experts.

#### PROGRAM CONTENT

- Introduction to IOT and its applications
- Cloud computing with IOT
- Hands on practice
- Introduction to Data Science and Big data
- IOT based projects

#### REGISTRATION

Registration is limited to 100 participants  
(On First-come First-Serve basis)  
Preference will be given to ISTE life members

#### Registration Link

<https://forms.gle/2Njn3F1YIPsKY8tm7>

OR Scan the QR code to register



Last Date of Registration : 3rd May 2021

#### WHO CAN APPLY ?

- Teaching Faculty from Diploma & Degree Engineering Institutes across India Approved by AICTE, New Delhi, and Industry Persons

#### REGISTRATION FEE

There is no Registration Fee.

#### IMPORTANT NOTE

- An online test will be conducted at the end of the program.
- The certificates shall be issued to only those participants who have attended the program with minimum 80% attendance and scored minimum 80% marks in the test.

#### CHIEF PATRONS

**Prof. Anil D. Sahasrabudhe**

Chairman, AICTE New Delhi

**Prof. M.P. Poozla**

Vice Chairman, AICTE New Delhi

**Col. B. Venkat**

Director, FDC, AICTE, New Delhi

**Dr. Ajit Singh**

Regional Officer, AICTE, WRO-Mumbai

**Dr. Pratapsinh K. Desai**

President, ISTE, New Delhi

**Prof. Vijay D. Vaidya**

Executive Secretary, ISTE, New Delhi

#### PATRONS

**Shri. A. G. Patil**

President, Shanti Education Society, Solapur.

**Shri. S. A. Patil**

Secretary, Shanti Education Society, Solapur.

**Dr. M. A. Chougale**

Campus Director,  
A. G. Patil Institutes, Solapur

**Dr. S. A. Patil**

Principal,

A. G. Patil Institute of Technology, Solapur

**Dr. V. V. Potdar**

Vice Principal,

A. G. Patil Institute of Technology, Solapur

#### ORGANISING COMMITTEE

**Prof. S. V. Kulkarni**

HOD, Computer Engineering & Co-ordinator

**Dr. P. V. Vedula**

ISTE Co-ordinator

**Dr. R. V. Darskar**

HOD, Electronics & Telecommunication Engineering & Co Co-ordinator

#### MEMBERS

**Prof. R. B. Kulkarni • Prof. V. D. Gaikwad • Prof. S. J. Ligade**

**Prof. A. S. Jirge • Prof. S. B. Rathod • Prof. R. D. Mudgundi**

#### FUR MORE DETAILS CONTACT

**Dr. P. V. Vedula**

Cell : 9511847402

E-mail : vedulapadma72@agpit.edu.in

*Shri*  
**Coordinator**

**Principal**  
**A. G. Patil Institute of Technology,  
Solapur.**





## Minutes of meeting

**About:** AICTE-ISTE sponsored Faculty Induction/ Refresher program on IOT - Phase III

**Date:** 21/4/2021

**Time:** 5.15 pm

**Place:** Online on Google meet ( due to lockdown Till 1/5/2021)

### **Agenda:**

- ♦ Leaflet preparation
- ♦ Registration form link
- ♦ Schedule
- ♦ Invitations to Resource persons
- ♦ Chief guests for Inaugural and valedictory functions
- ♦ Speaker for stress management

### **Members present:**

Prof. S. V. Kulkarni

Dr. P. V. Vedula

Prof. S. J. Ligade

Prof. Smita Konda

Prof. R. Bhaganagare

### **Suggestions:**

- ♦ Some changes in leaflet are suggested by Prof. S.V. Kulkarni
- ♦ Registration form link is prepared by S. J. Ligade
- ♦ Resource persons are arranged by Prof. Jirage, Prof. Ligade, Prof. Katke and Dr. Vedula
- ♦ Detailed session wise topics are yet to finalize by contacting resource persons.
- ♦ Official invitations will be sent on 2<sup>nd</sup> May.
- ♦ Names of Chief guests for Inaugural and valedictory functions have to be decided.
- ♦ Resource person for stress management has to be finalized.





## Minutes of meeting

**About:** AICTE-ISTE sponsored Faculty Induction/ Refresher program on IOT - Phase III

**Date:** 05/5/2021

**Time:** 4.00 pm

**Place:** Online on Google meet ( due to lockdown)

### **Agenda:**

- ♦ Sending Registration conformation mails
- ♦ Sharing schedule and links of all sessions Day wise
- ♦ Preparing attendance sheet of Day wise sessions and sharing to Dr. Vedula on same day after 5 pm.
- ♦ Preparing and sharing links of assignments and sharing response sheets to Dr. Vedula on same day after 5 pm.
- ♦ taking screen shots of all sessions with resource persons Day wise and sharing to Dr. Vedula
- ♦ Introduction of resource persons

### **Members present:**

Prof. S. V. Kulkarni

Dr. P. V. Vedula

Dr. R. V. Darekar

Prof. S. J. Ligade

Prof. A. Jirage

Prof. V. Gaikwad

Prof. S. Gajul

Prof. M. Kulkarni

Prof. S. R. Sakhare

Prof. R. Metre

  
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## Suggestions:

- ♦ Registration conformation mails will be sent by **Dr. R. V. Darekar**
- ♦ Sending Links to whatsapp group and recordings of sessions, communication with Resources persons and chief guests, collecting and managing attendance of each session and assignment analysis from respective faculty will be handled by **Dr. Vedula**
- ♦ For recording convenience it is decided to use [rajashree.bhaganagare@agpit.edu.in](mailto:rajashree.bhaganagare@agpit.edu.in) to create links of sessions and recordings by **Dr. Vedula**
- ♦ Inaugural function and First three days work load is distributed to Comp. Engg. Department.
  - Anchoring to Inaugural function and Introduction of resource persons of first three days will be done by **Prof. s. Konda**
  - Vote of thanks at the end of every day will be done by **Prof. S. V. Kulkarni.**
  - Attendance collection as screen shots and filling in proper form will be handled by **Prof. S. Gajul**
  - Google form Assignment preparation and result analysis will be done by **Prof. V. Gaikwad**
- ♦ Valedictory and last three days work load is assigned to E & TC department.
  - Anchoring to Valedictory function and Introduction of resource persons of last three days will be done by **Prof. M. Kulkarni, Prof. Metre**
  - Vote of thanks at the end of every day will be done by **Prof. M. Kulkarni.**
  - Attendance collection as screen shots will be done by **Ms. Swati Mangrulkar**
  - filling attendance in proper form will be handled by **Prof. S. Babladi**
  - Google form Assignment preparation and result analysis, feedback form preparation and link sharing will be done by **Prof. A. Jirage and Prof. S. J. Ligade**
  - Certificate design and distribution will be done by **Prof. S. Katke**

  
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**Schedule of AICTE-ISTE Sponsored Induction/Refresher program –**

**Phase III**

Day and Date	Sessions and Time	Topic	Resource person
6/5/2021	9.30am – 10 am <b>Inauguration</b>	Inaugural function	
	10 am–11.30am <b>Session 1</b>	Introduction to IoT	Prof. Manoj Kakade, Bits Pilani, Pune
	11.30am – 1 pm <b>Session 2</b>	IoT Physical devices and applications	Prof. Manoj Kakade,
	1 pm – 2pm <b>Break</b>		
	2 pm – 3.30 pm <b>Session 3</b>	Data management & Security Challenges for IoT	Prof. Manoj Kakade,
	3.30pm–5.00 pm <b>Session 4</b>	Assignment	
7/5/2021	10 am–11.30 am <b>Session 1</b>	IOT: Identification, Device management and service Discovery and Management ,	Dr. Anantanarayanan Amrita Vishwa Vidya Peetham, Coimbatore
	11.30 am – 1 pm <b>Session 2</b>	IOT protocols MQTT, CoAP, Web Sockets	Dr. Anantanarayanan
	1pm – 2 pm <b>Break</b>		
	2 pm – 3.30 pm <b>Session 3</b>	Integration of IOT End devices with Edge and cloud Infrastructure	Dr. Anantanarayanan
	3.30pm–5.00 pm <b>Session 4</b>	Industrial IOT applications with MQTT, CoAP, Web Sockets	Dr. Anantanarayanan
8/5/2021	10 am–11.30 am <b>Session 1</b>	Basics of Cloud from AWS and GCP point of view.	Dr. Gowtam R. Amrita Vishwa Vidya Peetham, Coimbatore
	11.30 am – 1 pm <b>Session 2</b>	Overview of AWS - IoT platform	Dr. Gowtam R.
	1pm – 2 pm <b>Break</b>		

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	2 pm – 3.30 pm Session 3	Hans-on session on AWS -IoT Platform	Dr. Gowtam R.
	3.30pm-5.00 pm Session 4	Assignment	
9/5/2021	10 am–11.30 am Session 1	1. Introduction to Deep Learning 2. Deep learning use cases for IoT 3. Challenges in inferencing using deep learning models on small IoT devices	Mr. Aniket Rangrej M.Tech , IIT Madras Walmart.
	11.30 am – 1 pm Session 2	4. Model optimisation 5. State of the art methods / frameworks to overcome these challenges	Mr. Aniket Rangrej
	1pm – 2 pm Break		
	2 pm – 3.30 pm Session 3	Stress management	Art of living
	3.30pm-5.00 pm Session 4	Assignment	
10/5/2021	10 am–11.30 am Session 1	Projects	Mr. Mohan Kondle
	11.30 am – 1 pm Session 2	Projects	Mr. Mohan Kondle
	1pm – 2 pm Break		
	2 pm – 3.30 pm Session 3	Projects	Mr. Mohan Kondle
	3.30pm-5.00 pm Session 4	Projects	Mr. Mohan Kondle
11/5/2021	10 am–11.30 am Session 1	Projects	Mr. Mohan Kondle
	11.30 am – 1 pm Session 2	Assessment/feedback	
	1pm – 2 pm	Valedictory	

  
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**AICTE-ISTE Sponsored Induction/Refresher program – Phase III**



**( 6<sup>th</sup> May 2021 – 11<sup>th</sup> May 2021)**

**List of Resource Persons**

Name	Designation & Organisation	Email Id, Mobile number	Area of expertise
Prof. Manoj Kakade	Assistant professor BITS Pilani, Pune	<a href="mailto:manoj.kakade@pilani.bits-pilani.ac.in">manoj.kakade@pilani.bits-pilani.ac.in</a> 9822479950	Embedded system design, IoT
Dr. Anantanarayanan	Assistant Professor, Computer Science Engineering, School of Engineering, Amrita Viswa Vidya Peetham, Coimbatore	<a href="mailto:v.ananthanarayanan@cb.amrita.edu">v.ananthanarayanan@cb.amrita.edu</a> 9443251227	Computing, Embedded Systems, Wireless Heterogeneous Networks – QoS and Security, Internet of Things (IoT) - Node Design, Energy Optimisation, Communication Protocols.
Dr. Gowtam R.	Assistant Professor, Computer Science Engineering, School of Engineering, Amrita Viswa Vidya Peetham, Coimbatore	<a href="mailto:r.gowtham@cb.amrita.edu">r.gowtham@cb.amrita.edu</a> 9842032323	Web security, Semantic Web and Information Retrieval
Mr. Aniket Rangrej	Data Scientist, Walmart Global, Chennai	<a href="mailto:Aniket.rangrej.18@gmail.com">Aniket.rangrej.18@gmail.com</a> 7506049749	Machine learning, Big Data
Mr. Mohan Kondle	Founder, Vedam Labs, Solapur	<a href="mailto:kondlemohan@gmail.com">kondlemohan@gmail.com</a> 7719977818	Embedded system Machine vision IOT



			Cloud services App Development Augmented reality
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#### **Prof. Manoj Kakade**

Manoj Kakade is an Assistant Professor in the Work Integrated Learning Programmes Division of BITS Pilani. He holds Masters of Engineering in VLSI & Embedded systems. His area of expertise is Embedded system design, IoT and has been engaged with research and teaching in the field of Embedded systems for the last 14 years. He has spent more than over four years in industry in Embedded hardware domain where in, he was involved in design and development of various embedded systems based product for process, consumer electronics, and healthcare industries. He has also worked as one of the reviewer for the book titled “Internet of Things” by Pearson publication. He also guides undergraduate and graduate level students pursuing dissertations and research in areas such as Embedded Systems Design and IoT Presently he is involved in curriculum design, development and delivery for various corporate industries for upgrading the skill set required as per industry needs. Also delivers the experiential learning component for various corporate employee. He is pan India coordinator for “Post graduate certificate programme in Internet of Things”, an advanced-level programme from BITS Pilani WILP division designed specifically to cater the needs of corporate employees.



#### **Dr. Anantha Narayanan V.**

**Assistant Professor, Computer Science Engineering, School of Engineering, Coimbatore**

**Qualification:** Ph.D, M.E

Dr. Anantha Narayanan V. currently serves as Assistant Professor at the Department of Computer Science and Engineering, Amrita School of Engineering, Coimbatore Campus. His areas of research include Mobile Computing, Embedded Systems, Wireless Heterogeneous Networks – QoS and Security, Internet of Things (IoT) - Node Design, Energy Optimisation, Communication Protocols. Dr. Anantha Narayanan V. is currently serving as advisor for three full-time, one part-time PhD Research Scholars and as co-advisor for



four part-time PhD Research Scholars under Amrita Vishwa Vidyapeetham, Coimbatore. He is member of Indian Society for Technical Education (ISTE), The Institution of Engineers (India), The Institution of Electronics and Tele-Communication Engineers (IETE), Association for Computing Machinery (ACM), Computer Science Teachers Association (CSTA) and a Chartered Engineer certified by IE(I). He is also serving as the Honorary Secretary of IETE Coimbatore Center, Mentor for ATAL Tinkering Labs (ATL) under Atal Innovation Mission (AIM), a Government of India Project on a voluntary basis. He has more than 20 publications in reputed journals to his credit . He published book chapter in Springer



**Dr. Gowtam R.**

**Qualification: Ph. D, M.E (Computer science )**

He has keen interests in converting idea to prototypes and his valuable researches have fetched him publication in top revered journals including Elsevier and Springer published ones. His areas of interests include Web security, Semantic Web and Information Retrieval. He has guided about a dozen of master's students and many graduate level students. Gowtham has been awarded by Infosys Technologies as **Distinguished Facilitator - Technical (2015)** for his teaching and presentation skills. He also owns the responsibility of heading the TAG (Thrust Area Group) NextGen Computing. He is also guiding Ph.D. scholars in his area of interest.

Presently He is holding two funded projects

1. On **A Behavioral Study of Ransomware - To Develop a Generic Mitigation System** with budget 18,62850 Rs. funded by DST
2. On **A study on the utilization of student welfare schemes offered by Government of Tamilnadu in Coimbatore district** with budget 1,00,000 Rs. funded by Indian Council of Social Science Research



**Mr. Aniket Rangrej**

B.E. Computer Science (Walchand Institute of Technology) GATE rank - 145



M.Tech. Computer Science (IIT Madras)

Industrial Experience: Yahoo R&D, Jio, couple of early stage startups, Walmart Labs (10 years of experience)

Experties: Machine Learning, Big data

Domains: Ad serving, Computer Vision, Industrial IoT, Recommendation Systems, ML platform development

Tier 1 Publications: World Wide Web, BioCreative Journal

Participations: Yahoo! Hackathon coordinator, Talk on Mask RCN @ ACM Bay area



**Name: Mr Mohan Kondle**

**Education:** Master of Technology (Electronics Engg.), Walchand College of Engineering, Sangli.  
Bachelor of Engineering (Electronics & Telecommunications Engg.), WIT, Solapur

**Work:** Founder of Vedam Labs, Solapur.

Adjunct Faculty at Walchand Institute of Technology, Solapur. Adjunct Faculty at Shri Siddheshwar Women's Polytechnic College.

**Training:** Conducted 70+ workshops in more than 30 colleges. Trained 3000+ students under the training program. Trained 300+ faculty under faculty development program. Training conducted on different platforms: IOT, Machine Vision, Cloud services, Embedded System, Python, Java, Swift, PHP, SQL, MongoDB, Matlab, Scilab

**Working domains:** Embedded System , Machine Vision IoT, Cloud services(AWS, Digital Ocean...) , App development(iOS), Augmented Reality

  
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## Google form for Registration

6/17/2021

One Week Online Faculty Development Program - AICTE - ISTE Induction / Refresher Program (Phase - III) on "Internet of Things (IoT)" ...

# One Week Online Faculty Development Program - AICTE - ISTE Induction / Refresher Program (Phase - III) on "Internet of Things (IoT)" from 6th May to 11th May-2021 .

Organised by the Department of Computer Engineering , A. G. Patil Institute of technology, Solapur.

\* Required

1. Email \*

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2. Salutation \*

*Mark only one oval.*

- ☐ Dr.  
☐ Prof.  
☐ Mr.  
☐ Mrs.  
☐ Miss

3. Full Name as it would appear in the certificate \*

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4. Designation \*

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[https://docs.google.com/forms/d/1qLyJUKMuCC\\_ew6WuIS8Z22CvbJdoScWd1bSCqeLhJgM/edit](https://docs.google.com/forms/d/1qLyJUKMuCC_ew6WuIS8Z22CvbJdoScWd1bSCqeLhJgM/edit)

  
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Solapur.



5. Gender \*

*Mark only one oval.*☐ Female☐ Male

6. Full Name of the Institution or Organization \*

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7. Department \*

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8. Whatsapp Number \*

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9. ISTE Member \*

*Mark only one oval.*☐ Yes☐ No

10. ISTE Membership Number

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**Coordinator**  
**Principal****A. G. Patil Institute of Technology,  
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## Registered Participants list

Sr. no.	Salutation	Full Name as it would appear in the certificate	Full Name of the Institution or Organization	ISTE Membership Number
1	Mrs.	Geeta Joshi	Marathwada Mitramandal Polytechnic	LM465
2	Dr.	Sanjay Patil	Shri Chhatrapati Shivajiraje College of Engineering, Pune	LM 11577
3	Mr.	Vijaykumar D Pawar	SVSMD's KKI Polytechnic, Akkalkot (D-6464)	LM-123605
4	Mr.	Utkarsh Arun Avalekar	D.Y.Patil College of Engg & Polytechnic, Talsande	LM117356
5	Mrs.	Shubhangi Ranjit Kanbarkar	D. Y. Patil College Of Engineering and Technology, Kolhapur.	LM 125651
6	Mr.	Mr. Sandip Datta Bavache	Shivaji Polytechnic College, Sangola	
7	Mr.	Pramod Damodar Mane	Shivaji Polytechnic College Sangola	
8	Mr.	Mr. Vikas Tatyaso Ligade	Shivaji Polytechnic College Sangola	No
9	Miss	Yojana Nanaware	A.G.Patil Polytechnic Institute	LM-131110
10	Mrs.	Priyanka Karjal (Panji)	Iconsteam Ltd, latur	
11	Mr.	Chetan D. Patil	PVPIT BUDHGAON ENGINEERING AND TECHNOLOGY EXCLUSIVELY FOR WOMEN, SHARNBASVA UNIVERSITY, KALABURGI	-
12	Mrs.	BHARATI	SMSMPITR, Akulj	
13	Prof.	Bhosale Ajita Kalidas		
14	Prof.	Shrikant Ramkrishna Bhuskade	Prof. Ram Meghe Institute of Technology & Research, Badnera - Amravati	LM98467
15	Prof.	Mayur Manohar More	Bharati vidyapeeth college of engineering kolhapur	
16	Prof.	RAVIKIRAN R	S J C INSTITUTE OF TECHNOLOGY	
17	Mrs.	Anisha Maria Cotta	Don Bosco College of Engineering	LM 118131
18	Mr.	Shashikant Suresh Dudhagi	A. G. Patil Polytechnic Institute	No
19	Prof.	Sushma Bhagawat	Shreeyash College of engineering and technology Aurangabad	
20	Mr.	Ravindra Maruti Desai	Sanjay Ghodawat University Atigre Kolhapur	LM73660
21	Prof.	Shyamsundar Pralhad Magar	Terna Engineering College Nerul Navi Mumbai	No
22	Mr.	Satish S Kotwal	Bharati Vidyapeeth College of Engg Kolhapur	
23	Prof.	Vitteshkumar Dattatray Gaikwad	A.G.Patil Institute of Technology, Solapur	
24	Mr.	Jayant Shankar Ghevade	Institute Of Civil And Rural Engineering Gargoti	LM1345
25	Mr.	Amitkumar M. Holi	Sinhgad institute of technology and science, Narhe	
26	Miss	Shinde Snehal Ganesh	A.G.Patil Polytechnic Institute, Solapur	
27	Dr.	Sudir P	SJCIT, Chikkaballapur	LM 46738
28	Mrs.	Parinitha J	SJCIT, Chickballapur	
29	Dr.	Asha C N	Acharya Institute of Technology	
30	Dr.	Dr. pavithra g	Dayananda sagar college of engineering	
31	Miss	Shwetha N	Dr. Ambedkar Institute of Technology	LM130138
32	Miss	Pooja Dadasaheb Patil	Shivaji Polytechnic College, Sangola	
33	Mr.	Sagar Somnath Salunkhe	Shivaji polytechnic college sangola	
34	Miss	VINUTHA B	BMS Institute of Technology and Management	
35	Mr.	Mr. Ajaykumar Bhoju Bhosale	Shivaji Polytechnic College, Sangola	
36	Mr.	Mahesh C. Patil	S.E.S. Polytechnic, Solapur	LM-33051
37	Mr.	Sandeep Lalasaheb Shinde	Shivnagar Vidya Prasarak Mandal College of Engineering Malegaon Baramati	LM118920
38	Prof.	Kirti Choudary	Shreeyash College of engineering and technology Aurangabad	
39	Prof.	RASHMI K A	SJC Institute of Technology	
40	Prof.	MANJUNATHA SIDDAPPA	SJC Institute of Technology, Chickballapur	-
41	Prof.	Viki Tukaram Patil	Alamuri ratnamala institute of engineering and technology	
42	Mr.	ANAND YASHVANT GAIKWAD	Shivaji Polytechnic College Sangola	No
43	Miss	Ms. Kajal Kailas Mandave	Shivaji Polytechnic College, Sangola	
44	Mr.	Shivaprasad Satla	SR UNIVERSITY	

**Coordinator**

**Principal**



45	Prof.	Bhosale Navnath Dattatray	SMSMP ITR, Akluj	
46	Dr.	MAHADEVASWAMY	Vidyavardhaka College of Engineering	
47	Mr.	KASULA RAGHU	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY	
48	Miss	Rishika Anand	Indira Gandhi Delhi Technical University for Women	
49	Dr.	Brijendra Jain	IVMs IIPER	LM 38284
50	Mrs.	Nandini Sethi	Indira Gandhi Delhi Technical University for Women	
51	Dr.	Prachi Prashant Vast	AISSMS CoE Pune	No
52	Mr.	KIRAN KUMAR HUMSE	Vidyavardhaka College of Engineering, Mysuru-02	LM 130308
53	Prof.	Nitin Mawale	Aissmscoe	
54	Prof.	Dr. Arvind Laxmikant Chel	Jawaharlal Nehru Engineering College, MGM University, Aurangabad	LM 123370
55	Mr.	Vijay Bhanudas Gujar	Arvind Gavali College of Engineering Satara	
56	Mrs.	Yogita Pradip Lad	AISSMS COE, Pune	--
57	Mrs.	Vidhya D S	DonBoscoCollege of Engineering	LM 51616
58	Mrs.	SMITA A TAKALKAR	AISSMS COE	No
59	Mrs.	Asha Rahul Digge	VVPIET, Solapur	LM 126646
60	Mrs.	Rajeshri Rahul Itkarkar	Aissmscoe	LM32009
61	Mr.	Nilesh Subhash Vani	Godavari College of Engineering, Jalgaon	LM64058
62	Prof.	Soni Rago	AISSMS COE, Pune	
63	Mr.	RAMEEJ SHOUKAT DANGE	YSPM's Yashoda Technical Campus, Satara.	112603
64	Dr.	Dr Nagendra Kumar M	S J C Institute of Technology, Chickballapur	LM22068
65	Prof.	Vinayak Vijay Palmur	VVPIET solapur	
66	Mr.	UDAY CHANDRA A	Malaviya National Institute of Technology Jaipur	LM 91358
67	Mr.	Gururaj Hatti	Vishwanathrao Deshpande Institute of Technology	LM 97941
68	Mr.	Karan Gurtu	University of Pune	
69	Miss	Kashid Madhuri Mahavir	SKN Sinhgad college of engineering Korti, Pandharpur	
70	Mrs.	SPHURTI SUDHIR BIRAJDAR	Brahmdevdada Mane Institute of Technology Solapur	
71	Prof.	Anita Vittal Kodam	VVP institute of engineering & Technology	
72	Mr.	Sunil Shankarrao Patil	YDMIT, KAGAL (KOLHAPUR)	
73	Miss	Bagal Kajal Satyawar	SKN Sinhgad engineering college korti pandharpur	NA
74	Dr.	Dr. Rajendra V. Babar	Sinhgad Institute of Technology, Lonavala	LM51299
75	Mr.	NAVEEN HIREMATH	KLS VDIIT Haliyal	
76	Mr.	MOHAN BABU C	S J C Institute of Technology, Chickballapur	
77	Prof.	C S SRIDHAR	S J C Institute of Technology	NA
78	Prof.	Indrajeet Inamdar	Sahakarmaharshi Shankarrao Mohite Patil Institute of Technology and Research akluj solapur	
79	Dr.	Vijaykumar Shrimant Shirwal	N. K. Orchid College of Engineering & Technology, Solapur	LM29815
80	Prof.	Ms. Payal Sunil Pawar	VVPIET SOLAPUR	
81	Prof.	Abhijit Shankar Shinde	Sahakar Maharshi Shankarrao Mohite Patil Institute of Technology and Research Akluj	
82	Mr.	Buran basha Mohammad	SRM university-AP	
83	Mrs.	Jyoti Babasaheb Thorat	Shree Sharadchandra Pawar Institute of Technology, Someshwarnagar	LM67114
84	Mr.	Nagesh Anand Goden	SVSMD'S KKI Polytechnic, Akkalkot	
85	Dr.	Jena P. Joshi	Dr. D. Y. Patil. Institute of Management and Research	
86	Mr.	RAEES AHMAD NOOR MOHAMMAD	Theem College of Engineering	
87	Mr.	SK.KHADAR BASHA	VTU	Nil
88	Prof.	SAGAR SHARAD BHUIE	BMIT, SOLAPUR	LM96022
89	Miss	Dipali Hari Kumbhar	Brahmdevdada mane polytechnic college, Belati, Solapur	
90	Miss	Meenaxi Torase	KLS VDIIT HALIYAL	
91	Prof.	Vishnavi Navale	Aissmscoe, Pune	LM129718
92	Mr.	Pande Sunil Subhashrao	KARMAYOGI COLLEGE OF ENGINEERING	NO
93	Mrs.	Swati Arjun Sardar	VPS college of engineering and technology, lonavala	
94	Prof.	AKASH SURESH PATIL	ARMET	
95	Prof.	Prof. Shital Agrawal	ARMET, Shahapur	NA

  
Coordinator


  
Principal

A. G. Patil Institute of Technology,  
Solapur.



96	Prof.	Prof. Yashoda Amit Kale	Shreeyash college of Engineering and Technology Aurangabad Maharashtra	No
97	Prof.	Kiran Kale	Shreeyash college of Engineering and Technology Aurangabad Maharashtra	
98	Dr.	Jini Manish Saxena	Dr. D.Y. Patil Institute of Management & Research	
99	Prof.	Shashikant Hippargi	NBN SINHGAD COLLEGE OF ENGINEERING, SOLAPUR	LM98128
100	Prof.	Saanvi Shashikant Hippargi	N. B. Navale Sinhgad College of Engineering, Solapur	LM 98132

  
Coordinator

  
Principal  
A. G. Patil Institute of Technology,  
Solapur.





Shanti Education Society's

ISO 9001:2008 Certified Institution (LMS-DAC)

**A. G. PATIL INSTITUTE OF TECHNOLOGY SOLAPUR**

Approved by AICTE, New Delhi, Affiliated to Dr. Babasaheb Ambedkar Technological University, Recognized by Government of Maharashtra, DTE, Mumbai.

**DTE CODE : EN 6308**

**NAAC Accredited**



**ONE WEEK ONLINE  
INDUCTION / REFRESHER PROGRAM  
ON  
“INTERNET OF THINGS (IoT)”**



**Phase-III, 06/05/2021 to 11/05/2021**

**Sponsored by AICTE-ISTE**

**Organized by**

**Computer Engineering Department,  
A. G. Patil Institute of Technology, Solapur**

**Program Report ( Phase-III) Includes**

<b>Sr. No.</b>	<b>Contents</b>
<b>1</b>	<b>Invitation Letters to Expert Person</b>
<b>2</b>	<b>Appreciation Letters to Expert Person</b>
<b>3</b>	<b>Day wise Summary Reports</b>
<b>4</b>	<b>Assignment / Test Analysis</b>
<b>5</b>	<b>Feedback Analysis</b>
<b>6</b>	<b>Photographs</b>
<b>7</b>	<b>Media Coverage</b>





Date: 4/5/2021

## Invitation Letter

To

Col. B. Venkat

Director (Faculty development cell)

AICTE, New Delhi

Subject: Regarding Invitation for Inaugural function of AICTE-ISTE sponsored  
Induction/Refresher program 2018 - 19– Phase III

Respected sir,

We are thankful that our proposal to conduct FDP on IOT has been sanctioned by AICTE-ISTE. We kindly inform you that we have successfully organized phase I, Phase II programs online. Phase III is organized from **6<sup>th</sup> May 2021** to **11<sup>th</sup> May 2021**. We are honoured to invite you as our Chief Guest to the Inaugural function of Phase III which will be organized on **6<sup>th</sup> May 2021** at **9.30 am** on google meet platform. Kindly grace this occasion with your esteemed presence.

Thanking you,

With Regards,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.





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Affiliated to DBATU, Lonere/Solapur University, Approved by AICTE & Recognized by Govt of Maharashtra  
(NAAC Accredited – “B+” Grade)

Date: 4/5/2021

## Invitation Letter

To

Prof. Vijay D. Vaidya

Executive secretary,

ISTE, New Delhi

Subject: Regarding Invitation for Inaugural function of AICTE-ISTE sponsored  
Induction/Refresher program 2018 - 19– Phase III

Respected sir,


We are thankful that our proposal to conduct FDP on IOT has been sanctioned by AICTE-ISTE. We kindly inform you that we have successfully organized phase I, Phase II programs online. Phase III is organized from **6<sup>th</sup> May 2021** to **11<sup>th</sup> May 2021**. We are honoured to invite you as our Chief Guest to the Inaugural function of Phase III which will be organized on **6<sup>th</sup> May 2021** at **9.30 am** on google meet platform. Kindly grace this occasion with your esteemed presence.

Thanking you,

With Regards,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur

Dr. S. A. Patil





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(NAAC Accredited – "B+" Grade)

Date: 10/5/2021

## Invitation Letter

To

Shri. Mahesh Kakade

Director

Board of Examinations and Evaluation

Savitribai Phule Pune University

Pune

Subject: Regarding Invitation for valedictory function of AICTE-ISTE sponsored  
Induction/Refresher program 2018 - 19– Phase III

Respected sir,

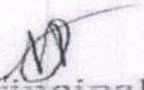
We kindly inform you that we have organized AICTE-ISTE sponsored  
Induction/Refresher programs phase I, Phase II online successfully. Phase III program is  
organized from **6<sup>th</sup> May 2021** to **11<sup>th</sup> May 2021**. we are honoured to invite you as our chief  
guest to the valedictory function of Phase III which will be organized on **11<sup>th</sup> May 2021** at  
**12.00 pm** on google meet platform. Kindly grace this occasion with your esteemed presence.

Thanking you,

With Regards,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur

Dr. S. A. Patil





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Affiliated to DBATU, Lonere/Solapur University, Approved by AICTE & Recognized by Govt of Maharashtra  
(NAAC Accredited – "B+" Grade)

Date: 30/4/2021

### Invitation Letter

To,  
**Shri. Manoj Subash Kakade**  
Assistant Professor,  
Department of Electrical and Electronics Engineering,  
BITS Off-Campus Centre, Pune

**Subject:** Invitation as a resource person for AICTE/ISTE sponsored Induction/Refresher Program.

Sir,

*Greeting from A. G. Patil Institute of Technology, Solapur !!!*

Our Institute established in 2008 is imparting quality education to Under Graduate & Post Graduate students in Engineering, approved by AICTE. It is one of the leading Institutes in Solapur Region (M. S.).

With great contentment we would like to inform you that our institute is organizing an AICTE/ISTE sponsored Induction/Refresher Program on "**Internet of Things (IoT)**" from **6<sup>th</sup> May to 11<sup>th</sup> May 2021**. This FDP provides a platform to share the research work done by nationwide faculty and Industry Experts and exchange their views.

As you are an eminent speaker on the topic IoT, we are privileged to invite you as a Resource Person on **6<sup>th</sup> May 2021**. Your deliberation and guidance will surely benefit the participants.

Thanking you,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur

**Dr. S. A. Patil**





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(NAAC Accredited – "B+" Grade)

Date: 30/4/2021

### Invitation Letter

To,  
**Dr. Anantha Narayanan V.**  
Assistant Professor,  
Department of Computer science and Engineering,  
Amrita Vishwa Vidyapeetham, Coimbatore.

**Subject:** Invitation as a resource person for AICTE/ISTE sponsored Induction/Refresher Program.

Dear Sir,

*Greeting from A. G. Patil Institute of Technology, Solapur !!!*

Our Institute established in 2008 is imparting quality education to Under Graduate & Post Graduate students in Engineering, approved by AICTE. It is one of the leading Institutes in Solapur Region (M. S.).

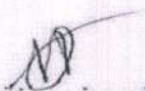
With a great contentment we would like to inform you that our institute is organizing an AICTE/ISTE sponsored Induction/Refresher Program on "**Internet of Things (IoT)**" from **6<sup>th</sup> May to 11<sup>th</sup> May 2021**. This FDP provides a platform to share the research work done by nationwide faculty and Industry Experts and exchange their views.

As you are an eminent speaker on the topic IoT, we are privileged to invite you as a Resource Person on **7<sup>th</sup> and 8<sup>th</sup> May 2021**. Your deliberation and guidance will surely benefit the participants.

Thanking you,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur  
**Dr. S. A. Patil**





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(NAAC Accredited – "B+" Grade)

Date: 30/4/2021

## Invitation Letter

To,  
**Dr. Gowtam R.**  
Assistant Professor,  
Department of Computer science and Engineering,  
Amrita Vishwa Vidyapeetham, Coimbatore.

**Subject:** Invitation as a resource person for AICTE/ISTE sponsored Induction/Refresher Program.

Sir,

*Greeting from A. G. Patil Institute of Technology, Solapur !!!*


Our Institute established in 2008 is imparting quality education to Under Graduate & Post Graduate students in Engineering, approved by AICTE. It is one of the leading Institutes in Solapur Region (M. S.).

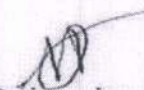
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As you are an eminent speaker on the topic IoT, we are privileged to invite you as a Resource Person on **7<sup>th</sup> and 8<sup>th</sup> May 2021**. Your deliberation and guidance will surely benefit the participants.

Thanking you,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur  
**Dr. S. A. Patil**





Date: 30/4/2021

## Invitation Letter

To,  
**Mr. Aniket Rangrej**  
Senior Data Scientist at Walmart Labs,  
Indian Institute of Technology, Madras – Walmart Global Tech,  
Chennai

**Subject:** Invitation as a resource person for AICTE/ISTE sponsored Induction/Refresher Program.

Sir,

*Greeting from A. G. Patil Institute of Technology, Solapur!!!*

Our Institute established in 2008 is imparting quality education to Under Graduate & Post Graduate students in Engineering, approved by AICTE. It is one of the leading Institutes in Solapur Region (M. S.).

With great contentment we would like to inform you that our institute is organizing an AICTE/ISTE sponsored Induction/Refresher Program on "**Internet of Things (IoT)**" from **6<sup>th</sup> May to 11<sup>th</sup> May 2021**. This FDP provides a platform to share the research work done by nationwide faculty and Industry Experts and exchange their views.

As you are an eminent speaker on the topic Data Science, we are privileged to invite you as a Resource Person on **9<sup>th</sup> May 2021**. Your deliberation and guidance will surely benefit the participants.

Thanking you,

  
Principal  
A. G. Patil Institute of Technology,  
Solapur

**Dr. S. A. Patil**

  
Coordinator

  
Principal  
A. G. Patil Institute of Technology,  
Solapur.





Date: 8/5/2021

## Invitation Letter

To,  
**Dr. Rajesh Dhopeswarkar**  
Pune

**Subject:** Invitation as a resource person for AICTE/ISTE sponsored Induction/Refresher Program.

Dear Sir,

*Greeting from A. G. Patil Institute of Technology, Solapur !!!*


Our Institute established in 2008 is imparting quality education to Under Graduate & Post Graduate students in Engineering, approved by AICTE. It is one of the leading Institutes in Solapur Region (M. S.).


With a great contentment we would like to inform you that our institute is organizing an AICTE/ISTE sponsored Induction/Refresher Program on "**Internet of Things (IoT)**" from **6<sup>th</sup> May to 11<sup>th</sup> May 2021**. This FDP provides a platform to share the research work done by nationwide faculty and Industry Experts and exchange their views. One compulsory session is purely dedicated to Stress management, Meditation, Health and happiness etc.

As you are well known Cardiologist and associated with Art of living, we are privileged to invite you as a Resource Person on **9<sup>th</sup> May 2021**. Your deliberation and guidance will surely benefit the participants.

Thanking you,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur

**Dr. S. A. Patil**





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Affiliated to DBATU, Lonere/Solapur University, Approved by AICTE & Recognized by Govt of Maharashtra  
(NAAC Accredited – "B+" Grade)

Date: 8/5/2021

## Invitation Letter

To,  
**Dr. Renuka Shiregond**  
Pune

**Subject:** Invitation as a resource person for AICTE/ISTE sponsored Induction/Refresher Program.

Dear Madam,

***Greeting from A. G. Patil Institute of Technology, Solapur !!!***

Our Institute established in 2008 is imparting quality education to Under Graduate & Post Graduate students in Engineering, approved by AICTE. It is one of the leading Institutes in Solapur Region (M. S.).

With a great contentment we would like to inform you that our institute is organizing an AICTE/ISTE sponsored Induction/Refresher Program on "**Internet of Things (IoT)**" from **6<sup>th</sup> May to 11<sup>th</sup> May 2021**. This FDP provides a platform to share the research work done by nationwide faculty and Industry Experts and exchange their views. One compulsory session is purely dedicated to Stress management, Meditation, Health and happiness etc.

As you are well known Ayurvedic doctor and associated with Art of living, we are privileged to invite you as a Resource Person on **9<sup>th</sup> May 2021**. Your deliberation and guidance will surely benefit the participants.

Thanking you,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur  
**Dr. S. A. Patil**





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(NAAC Accredited – "B+" Grade)

Date; 30/4/2021

## Invitation Letter

To,  
**Mr. Mohan Kondle**  
Founder,  
Vedam Labs,  
Solapur

**Subject:** Invitation as a resource person for AICTE/ISTE sponsored Induction/Refresher Program.

Sir,

*Greeting from A. G. Patil Institute of Technology, Solapur!!!*

Our Institute established in 2008 is imparting quality education to Under Graduate & Post Graduate students in Engineering, approved by AICTE. It is one of the leading Institutes in Solapur Region (M. S.).


With a great contentment we would like to inform you that our institute is organizing an AICTE/ISTE sponsored Induction/Refresher Program on "**Internet of Things (IoT)**" from **6<sup>th</sup> May to 11<sup>th</sup> May 2021**. This FDP provides a platform to share the research work done by nationwide faculty and Industry Experts and exchange their views.

As you are an eminent speaker on the IoT and cloud computing based projects, we are privileged to invite you as a Resource Person on **10<sup>th</sup> and 11<sup>th</sup> May 2021**. Your deliberation and guidance will surely benefit the participants.

Thanking you,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur

**Dr. S. A. Patil**





Date: 6/5/2021

## Thanking Letter

To,  
Col B. Venkat  
Director (FDC),  
AICTE, New Delhi

**Subject:** Thanking letter for esteemed presence as Chief guest in Inaugural function of AICTE/ISTE sponsored Induction/Refresher Program.

Respected Sir,

*Greeting from A. G. Patil Institute of Technology, Solapur !!!*

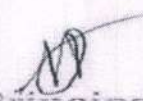
On behalf of A. G. Patil Institute of Technology we whole heartedly express our gratitude for your esteemed presence and inspirational words . We are extremely grateful for giving us your valuable time. I'm sure that with your invaluable guidance and blessings, our program will be a resounding success.

Once again thank you for giving us your valuable time.

Thanking you,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur  
**Dr. S. A. Patil**





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(NAAC Accredited – "B+" Grade)

Date: 6/5/2021

## Thanking Letter

To,  
**Prof. Vijay D Vaidya**  
Executive Secretary,  
ISTE, New Delhi

**Subject:** Thanking letter for esteemed presence as Chief guest in Inaugural function of AICTE/ISTE sponsored Induction/Refresher Program.

Respected Sir,

*Greeting from A. G. Patil Institute of Technology, Solapur !!!*

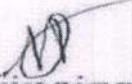
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Once again thank you for giving us your valuable time.

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Solapur.

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur  
**Dr. S. A. Patil**





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(NAAC Accredited – "B+" Grade)

Date: 11/5/2021

## Thanking Letter

To,  
**Shri. M. A. Kakade**  
Executive member,  
ISTE, New Delhi

**Subject:** Thanking letter for esteemed presence as Chief guest in Valedictory function of AICTE/ISTE sponsored Induction/Refresher Program.

Respected Sir,

*Greeting from A. G. Patil Institute of Technology, Solapur !!!*

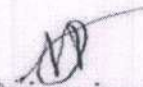
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Once again thank you for giving us your valuable time.

Thanking you,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur  
**Dr. S. A. Patil**





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(NAAC Accredited – "B+" Grade)

Date: 6/5/2021

## Thanking Letter

To,  
**Shri. Manoj Subash Kakade**  
Assistant Professor,  
Department of Electrical and Electronics Engineering,  
BITS Off-Campus Centre, Pune

**Subject:** Thanking letter for conducting sessions in AICTE/ISTE sponsored  
Induction/Refresher Program.

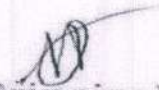
Dear Sir,

*Greeting from A. G. Patil Institute of Technology, Solapur !!!*

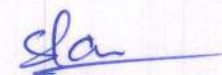
We would like to express our sincere thanks to conduct 3 sessions on 6/5/2021 as a part of AICTE/ISTE sponsored Induction/Refresher Program on "Internet of Things (IoT)" which is organized from 6<sup>th</sup> May to 11<sup>th</sup> May 2021. Your willingness to share your time and expertise in the area of IOT is highly appreciative. Your sessions were extremely informative.

Once again thank you for making sessions successful, and we appreciate your continued support.

Thanking you,

  
Principal  
A. G. Patil Institute of Technology,  
Solapur

**Dr. S. A. Patil**

  
Coordinator

  
Principal  
A. G. Patil Institute of Technology,  
Solapur.





Shanti Education Society's  
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Affiliated to DBATU, Lonere/Solapur University, Approved by AICTE & Recognized by Govt of Maharashtra  
(NAAC Accredited – "B+" Grade)

Date: 7/5/2021

## Thanking Letter

To,

**Dr. Anantha Narayanan V.**  
Assistant Professor,  
Department of Computer science and Engineering,  
Amrita Vishwa Vidyapeetham, Coimbatore.

**Subject:** Thanking letter for conducting sessions in AICTE/ISTE sponsored  
Induction/Refresher Program.

Dear Sir,

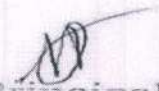
*Greeting from A. G. Patil Institute of Technology, Solapur!!!*

We would like to express our sincere thanks to conduct 4 sessions on 7/5/2021 as a part of AICTE/ISTE sponsored Induction/Refresher Program on "**Internet of Things (IoT)**" which is organized from 6<sup>th</sup> May to 11<sup>th</sup> May 2021. Your willingness to share your time and expertise in the area of IOT is highly appreciative. Your hands on sessions were extremely informative.

Once again thank you for making sessions successful, and we appreciate your continued support.

Thanking you,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur

**Dr. S. A. Patil**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.





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(NAAC Accredited – "B+" Grade)

Date: 8/5/2021

## Thanking Letter

To,

**Dr. Gowtam R.**  
**Assistant Professor,**  
**Department of Computer science and Engineering,**  
**Amrita Vishwa Vidyapeetham, Coimbatore.**

**Subject:** Thanking letter for conducting sessions in AICTE/ISTE sponsored  
Induction/Refresher Program.

Dear Sir,

*Greeting from A. G. Patil Institute of Technology, Solapur!!!*

We would like to express our sincere thanks to conduct 3 sessions on 8/5/2021 as a part of AICTE/ISTE sponsored Induction/Refresher Program on "**Internet of Things (IoT)**" which is organized from **6<sup>th</sup> May to 11<sup>th</sup> May 2021**. Your willingness to share your time and expertise in the area of IOT is highly appreciative. Your hands on sessions were extremely informative.

Once again thank you for making sessions successful, and we appreciate your continued support.

Thanking you,

  
**Coordinator**

  
**Principal**  
**A. G. Patil Institute of Technology,**  
**Solapur.**

  
**Principal**  
**A. G. Patil Institute of Technology,**  
**Solapur**  
**Dr. S. A. Patil**





Shanti Education Society's  
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Affiliated to DBATU, Lonere/Solapur University, Approved by AICTE & Recognized by Govt of Maharashtra  
(NAAC Accredited – "B+" Grade)

Date: 9/5/2021

## Thanking Letter

To,

**Mr. Aniket Rangrej**  
Senior Data Scientist at Walmart Labs,  
Indian Institute of Technology, Madras – Walmart Global Tech,  
Chennai

**Subject:** Thanking letter for conducting sessions in AICTE/ISTE sponsored  
Induction/Refresher Program.

Dear Sir,

*Greeting from A. G. Patil Institute of Technology, Solapur!!!*


We would like to express our sincere thanks to conduct 2 sessions on 9/5/2021 as a part of AICTE/ISTE sponsored Induction/Refresher Program on "**Internet of Things (IoT)**" which is organized from 6<sup>th</sup> May to 11<sup>th</sup> May 2021. Your willingness to share your time and expertise in the area of IOT is highly appreciative. Your Excellent sessions on Data Science were extremely informative.

Once again thank you for making sessions successful, and we appreciate your continued support.

Thanking you,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur  
**Dr. S. A. Patil**





Shanti Education Society's

**A. G. PATIL INSTITUTE OF TECHNOLOGY, SOLAPUR**  
Affiliated to DBATU, Lonere/Solapur University, Approved by AICTE & Recognized by Govt of Maharashtra  
(NAAC Accredited – "B+" Grade)

Date: 9/5/2021

## Thanking Letter

To,

**Dr. Rajesh Dhopeswarkar**  
Pune

**Subject:** Thanking letter for conducting sessions in AICTE/ISTE sponsored  
Induction/Refresher Program.

Dear Sir,

***Greeting from A. G. Patil Institute of Technology, Solapur!!!***

We would like to express our sincere thanks to conduct a session on 9/5/2021 as a part of AICTE/ISTE sponsored Induction/Refresher Program on "**Internet of Things (IoT)**" which is organized from **6<sup>th</sup> May to 11<sup>th</sup> May 2021**. Your willingness to share your time and expertise in the area of Stress Management and Health care is highly appreciative and helpful in this pandemic situation. Your interaction with participants was extremely informative.

Once again thank you for making session successful, and we appreciate your continued support.

Thanking you,



Principal  
A. G. Patil Institute of Technology,  
Solapur

**Dr. S. A. Patil**

  
Coordinator  
Principal  
A. G. Patil Institute of Technology,  
Solapur.





Date: 9/5/2021

## Thanking Letter

To,

**Dr. Renuka Shiregond**  
Pune

**Subject:** Thanking letter for conducting sessions in AICTE/ISTE sponsored  
Induction/Refresher Program.

Dear Madam,

***Greeting from A. G. Patil Institute of Technology, Solapur!!!***

We would like to express our sincere thanks to conduct a session on 9/5/2021 as a part of AICTE/ISTE sponsored Induction/Refresher Program on "**Internet of Things (IoT)**" which is organized from **6<sup>th</sup> May to 11<sup>th</sup> May 2021**. Your willingness to share your time and expertise in the area of Stress Management and Health care is highly appreciative and helpful in this pandemic situation. Your interaction with participants was extremely informative.

Once again thank you for making session successful, and we appreciate your continued support.

Thanking you,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur

**Dr. S. A. Patil**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.





Date: 11/5/2021

## Thanking Letter

To,

**Mr. Mohan Kondle**  
Founder,  
Vedam Labs,  
Solapur

**Subject:** Thanking letter for conducting sessions in AICTE/ISTE sponsored  
Induction/Refresher Program.

Dear Sir,

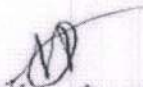
*Greeting from A. G. Patil Institute of Technology, Solapur!!!*

We would like to express our sincere thanks to conduct 5 sessions on 10/5/2021 and 11/5/2021 as a part of AICTE/ISTE sponsored Induction/Refresher Program on "Internet of Things (IoT)" which is organized from 6<sup>th</sup> May to 11<sup>th</sup> May 2021. Your willingness to share your time and expertise in the area of IOT is highly appreciative. Your Excellent sessions on IOT based projects were extremely informative.

Once again thank you for making sessions successful, and we appreciate your continued support.

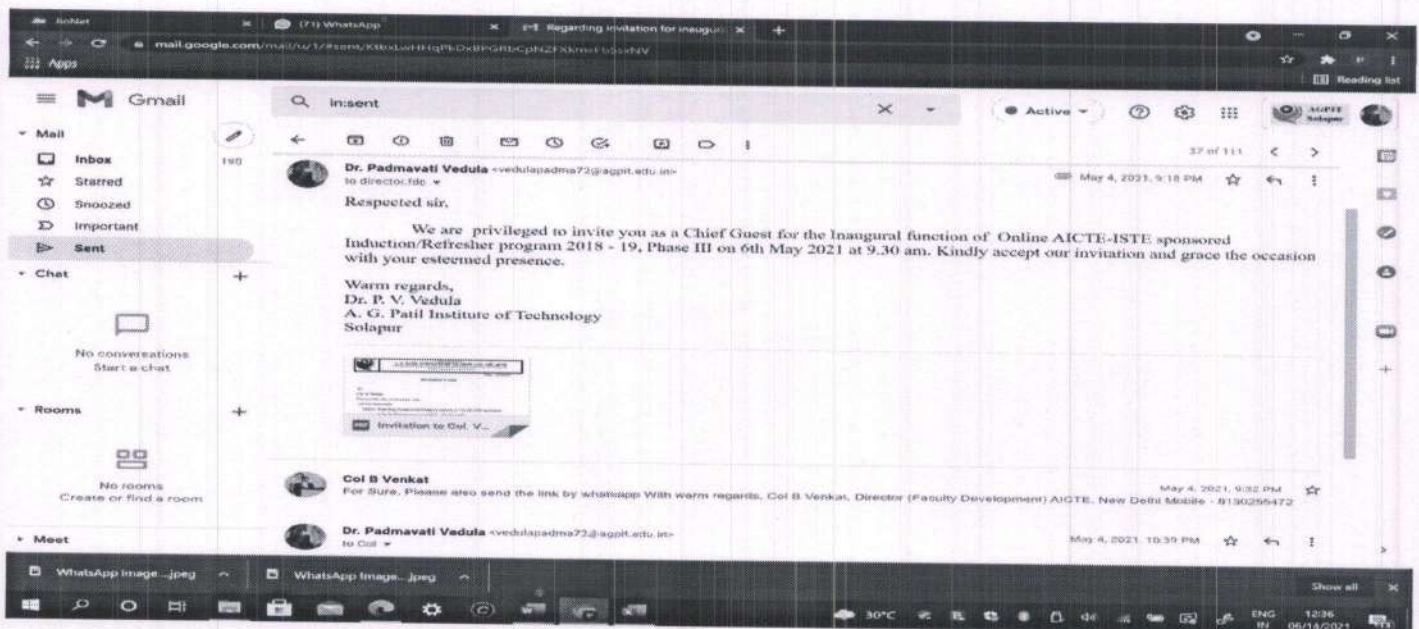
Thanking you,

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur

  
**Dr. S. A. Patil**  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.





*Dr. P. V. Vedula*  
Coordinator

*Dr. B. Venkat*  
Principal  
A. G. Patil Institute of Technology,  
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## Summary Report of Day : 1



### AICTE-ISTE faculty Induction/Refresher Program

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**Day -1**

**Schedule**

**6/5/2021**

<b>Inauguration</b>	9.30 – 9.32	Welcome words	
	9.32 - 9.38	Online Felicitation , introduction	
	9.38 – 9.43	Welcome address by Principal sir	
	9.43 - 9.50	Address by Chief Guest Prof. Col. B Venkat	<b>Chief Guest</b>  Col. B Venkat Director AICTE
	9.50 – 9.58	Address by Chief Guest Prof. Vijay D. Vaidya	<b>Chief Guest</b>  Prof. Vijay D. Vaidya, Executive secretary, ISTE
	9.58 - 10.00	Vote of thanks	
<b>Session 1</b>	10 am–11.30am	<b>Introduction to IoT</b>	 Prof. Manoj Kakade, Bits Pilani, Pune
<b>Session 2</b>	11.30am – 1 pm	<b>IoT Physical devices and applications</b>	
<b>Lunch Break</b>	1.00pm –2.00 pm		
<b>Session 3</b>	2 pm – 3.30 pm	<b>Data management &amp; Security Challenges for IoT</b>	
<b>Session 4</b>	3.30 pm–5.00 pm	Assignment	

Link to join :

Inaugural function: <https://meet.google.com/fst-ndop-jxo>

Day 1 - session1, session 2, session 3: <https://meet.google.com/fst-ndop-jxo>

  
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**Date : 6/5/2021**

**Number of sessions: 4**

**Topic :** Introduction to internet of things. IOT physical devices and applications, Data management and security challenges for IOT

**Speaker :** Prof. Manoj Kakade, Bits Pilani, Pune

On this occasion of **One Week Online AICTE-ISTE sponsored Induction/Refresher Program on "Internet of Things"**, a heart-warming welcome address was delivered by Principal of AGPIT Dr. S. A. Patil. In his address he highlighted importance and contents of the program. He has communicated that all should take enough care in covid-19 pandemic situation, which is still peaking around us. Chief Guest, Col B. Venkat, Director of faculty development cell, AICTE has given a keynote address. He appreciated Higher authorities and coordinators for taking initiative to conduct online FDP and suggested to make it live on youtube channel. Guest of honor Prof. Vijay D Vaidya, Executive Secretary, ISTE addressed participants to take benefit of online platform to become aware about new Technologies, challenges in Internet of Things. He has motivated all participants to come over and to be attentive during all the sessions.

Prof. Manoj Kakade has thrown light on the topics **"Introduction to internet of things IOT physical devices and applications, Data management and security challenges for IOT "**.

The session 1 was started with Introduction to IOT and focused on

- |  |                              |
|--|------------------------------|
| 1: Physical and logical designs of IOT | 2: IOT enabling technologies |
| 3: IOT levels and deployment templates | 4: Applications              |

The enthusiastic session 2 was in line with the first session and had thrown light on

- 1: IOT hardware/physical devices
- 2: Various options available for prototypes
- 3: IOT case study: AMR, AWS

Session 3 was very interactive with concepts like parts of IOT, Industry use IOT, Streaming vs big data etc. On going projects under guidance of Prof. Manoj Kakade were also highlighted. All 3 Sessions were concluded with questionnaire followed by vote of thanks.

Session 4 was used to conduct online Assignment / test . Google form assignment link was shared to participants whatsapp group and informed to send in 1 ½ hrs time period of session 4. Videos of Day 1 sessions were uploaded to AGPIT-elearn yoytube channel and shared following

links to participants. session 1: <https://youtu.be/p6ucXGbS5X0>

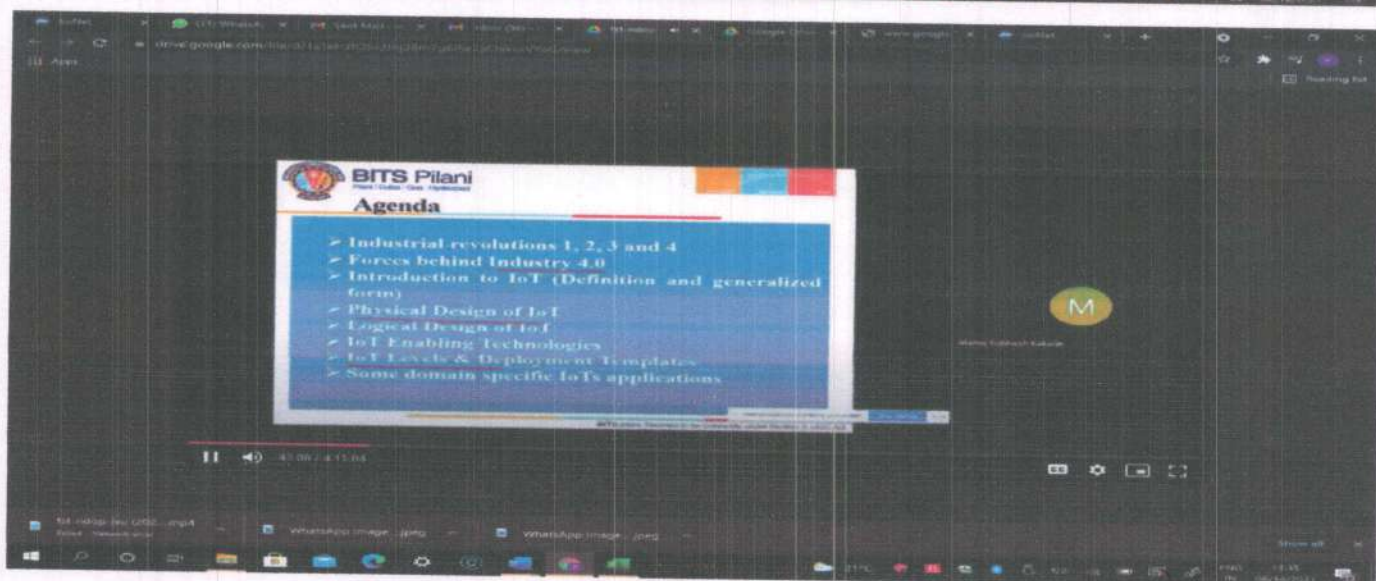
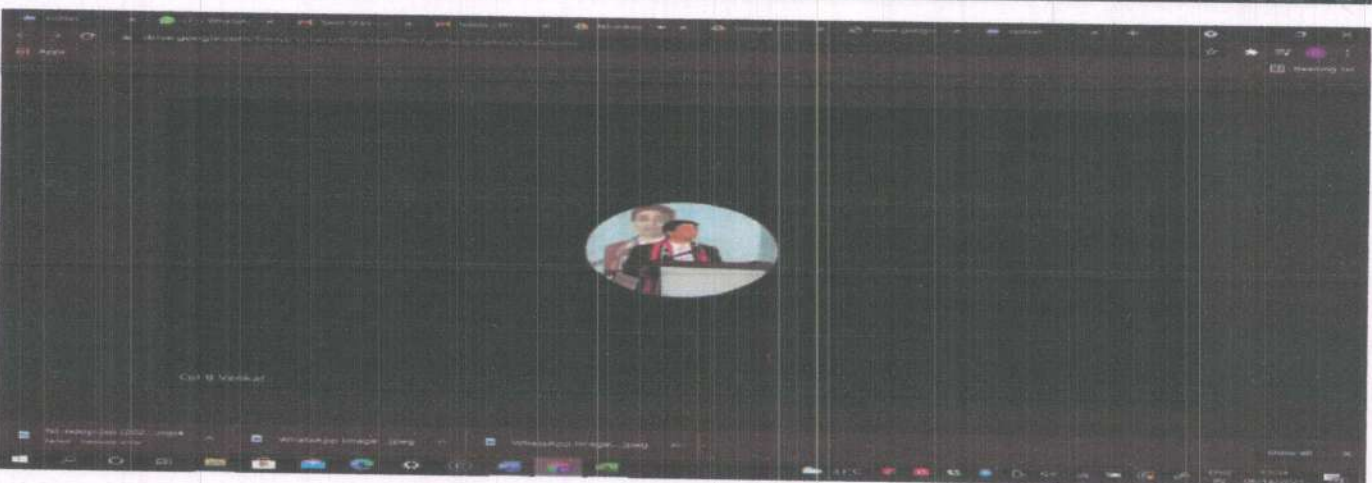
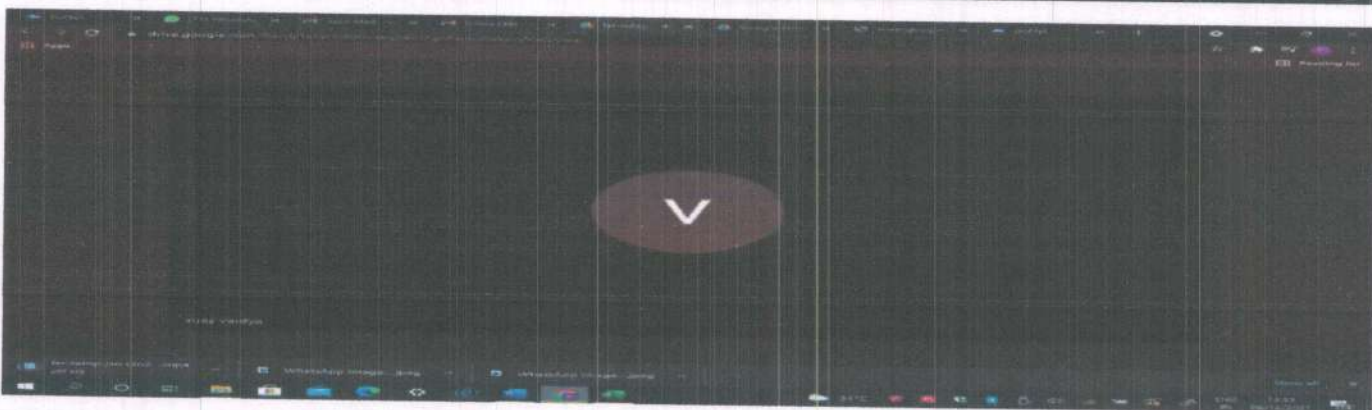
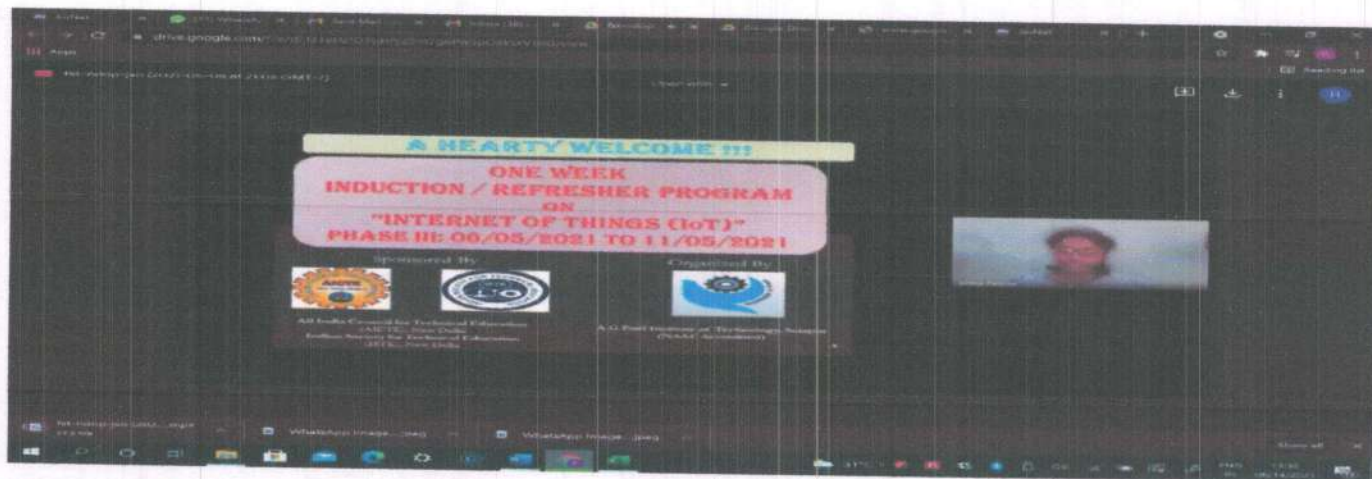
session 2: <https://youtu.be/2mnn149fM94>

session 3: <https://youtu.be/-BiZZUivHIM>

  
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**Principal**  
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Solapur.





*slan*  
Coordinator

*Principal*  
Principal  
A. G. Patil Institute of Technology,  
Solapur.



## Assignment\_1

AICTE-ISTE Sponsored faculty Induction/Refresher program - Phase III

FDP on Internet of Things ( IoT )

( Date : 06/05/2021 )

\* Required

1. Name of Participants \*

---

2. 1. IoT System must support the following features

*Mark only one oval.*

- ☐ (a) support Semantic Interopertability
- ☐ (b) should support processing
- ☐ (c) should support Self configurabilty
- ☐ (d) Should support Advanced Signal Processing

3. 2. If the IoT System has a single node with all the data storage and data analytics being done in the cloud - the level of the IoT System

*Mark only one oval.*

- ☐ (a) 3
- ☐ (b) 2
- ☐ (c) 1
- ☐ (d) 4

  
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4. 3. Observer Nodes are available on the following Levels of IoT Applications

*Mark only one oval.*

- ☐ (a) 2  
☐ (b) 3  
☐ (c) 5  
☐ (d) 0

5. 4. As of Today, Internet of Things (IoT) Technology does NOT include the following:

*Mark only one oval.*

- ☐ (a) Cloud-based Storage and Computing  
☐ (b) Cyber Physical Systems  
☐ (c) Big-Data Systems  
☐ (d) Nano-Quantum Computing Systems

6. 5. Among the following, which is not within the scope of the fourth industrial revolution?

*Mark only one oval.*

- ☐ (a) None of the mentioned  
☐ (b) Smart connected machines  
☐ (c) Smart factories  
☐ (d) Automation

  
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7. 6. Internet of Things can be integrated with which of these separate domains:

*Mark only one oval.*

- ☐ (a) All of the mentioned  
☐ (b) Cloud-based storage and computing  
☐ (c) Cyber physical systems  
☐ (d) Big data networks

8. 7. IPv6 addresses consist of

*Mark only one oval.*

- ☐ (a) 128 bits  
☐ (b) 48 bits  
☐ (c) 64 bits  
☐ (d) 32 bits

9. 8. Which of these are not SBCs

*Mark only one oval.*

- ☐ (a) Raspberry Pi  
☐ (b) Arduino Uno  
☐ (c) Dragon Board 410c  
☐ (d) Beagle Bone Black

  
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10. 9. Which of this is not a part of IoT data lifecycle management.

*Mark only one oval.*

- ☐ (a) Create
- ☐ (b) Store
- ☐ (c) Document
- ☐ (d) Retain

11. 10. Which of this is not a part of data generation under IoT data taxonomy.

*Mark only one oval.*

- ☐ (a) Velocity
- ☐ (b) Scalability
- ☐ (c) Redundancy
- ☐ (d) Dynamics

---

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## Summary Report of Day : 2



### AICTE-ISTE faculty Induction/Refresher Program

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**Day - 2**

**Schedule**

**7/5/2021**

Session 1	10 am–11.30am	IOT: Identification, Device management and service Discovery and Management	 Dr. Ananta narayanan Amrita Vishwa Vidya Peetham, Coimbatore
Session 2	11.30am – 1 pm	IOT protocols MQTT, CoAP, Web Sockets	
Lunch Break	1.00pm –2.00 pm		
Session 3	2 pm – 3.30 pm	Integration of IOT End devices with Edge and cloud Infrastructure	
Session 4	3.30 pm–5.00 pm	Industrial IOT applications with MQTT, CoAP, Web Sockets	

Link to join :

Day 2 - session1, session 2, session 3, session 4: <https://meet.google.com/fst-ndop-jxo>

  
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Solapur.



**Date : 7/5/2021**

**Number of sessions: 4**

**Topic :** IOT identification, Device management, Service Discovery and Management, Service delivery protocols, Cloud based services, Hands on sessions

**Speaker :** Dr. Ananthanarayanan, Amrita Vishwa Vidya Peetham, Coimbatore

Day 2 sessions were commenced with introduction of the speaker Dr. Ananthanarayanan.

Session 1 was conducted from 10am to 11.30am focused on

- 1: Identification,
- 2: Device management.
- 3: Service discovery

Session 2 was in continuation with session 1 and explained

- 1: Service management
- 2: service delivery protocols
- 3: IOT levels and deployment templates

Session 3 was on cloud based services. Speaker conducted hands on and covered MQTTlens, Arduino.

Session 4 was in continuation with session 3. This session focused on web socket, MQTP, COAP and cloud integration.

Session was concluded with questionnaire followed by vote of thanks. Videos were uploaded to AGPIT-elearn youtube channel. Learning material and video links were shared to participants group.

Video links are given below.

Session 1: <https://youtu.be/6U5yLvRcjx8>

Session 2: <https://youtu.be/HxsTA6NdkJg>

Session 3: <https://youtu.be/NaTRzzFbej8>

Session 4: <https://youtu.be/D8LLV-b7qzY>

  
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**Principal**  
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Solapur.





## IOT: Identification, Device Management and Service Discovery and Management

Dr V Anantha Narayanan  
Amrita Vishwa Vidyapeetham,  
Coimbatore



Anantha Narayanan Vellu

### Service Delivery Protocols

Service Discovery layer has a prominent role in an IOT architecture.

It is the service discovery or service management layer which differentiates an IOT network with that of typical internet network. The IOT devices need to connect and communicate with web or cloud based services and applications for IOT implementation.

The cloud or web services and applications run on host computers which are identified by unique IP addresses on a network.

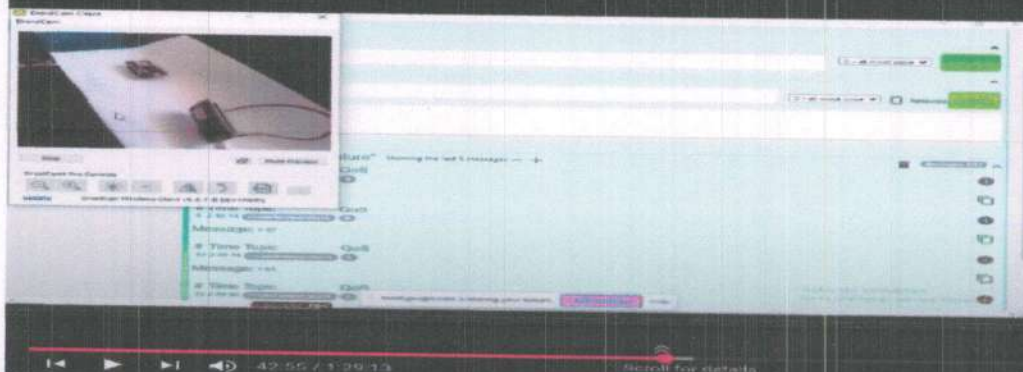
In order to avail a cloud based service, the IOT devices must be connected with the computers (servers) hosting those services or applications. So, there are some protocols designed to resolve host IP addresses rendering IOT services and applications.

These protocols help identifying servers hosting IOT services by their namespaces and allow an IOT board to connect with one (Unicast) or group of servers (Multicast) over the network.

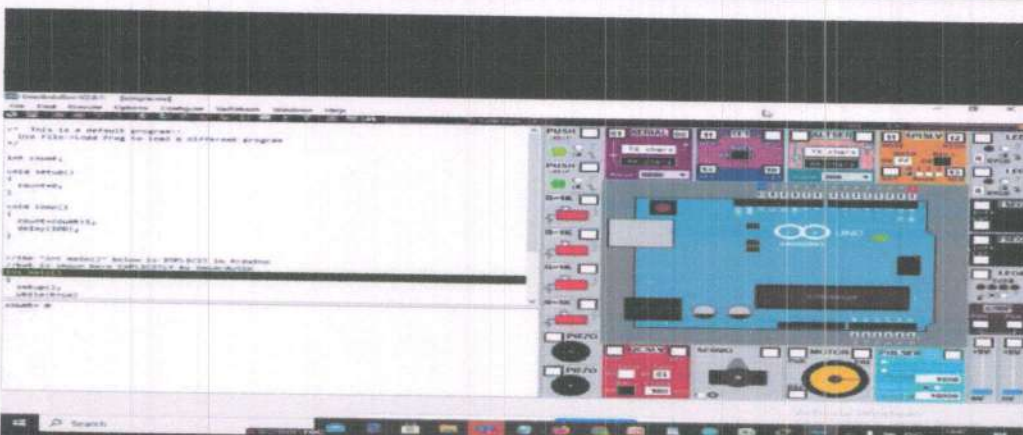


Anantha Narayanan Vellu

### FDP on IOT, Day2, session 3



Anantha Narayanan Vellu



Anantha Narayanan Vellu



## Summary Report of Day : 3



### **AICTE-ISTE faculty Induction/Refresher Program**

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**Day - 3**

**Schedule**

**8/5/2021**

Session 1	10 am–11.30am	Basics of Cloud from AWS and GCP point of view.	 Dr. Gowtam R. Amrita Vishwa Vidya Peetham, Coimbatore
Session 2	11.30am – 1 pm	Overview of AWS - IoT platform	
Lunch Break	1.00pm –2.00 pm		
Session 3	2 pm – 3.30 pm	Hans-on session on AWS - IoT Platform	
Session 4	3.30 pm–5.00 pm	Assignment	

**Link to join :**

Day 3 - session1, session 2, session 3 : <https://meet.google.com/fst-ndop-jxo>

  
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**Principal**  
A. G. Patil Institute of Technology,  
Solapur.



**Date : 8/5/2021**

**Number of sessions: 4**

**Topic :** Cloud computing and AWS

**Speaker :** Dr. Gowtam R. , Amrita Vishwa Vidya Peetham, Coimbatore

Day 3 sessions were commenced with introduction of the speaker Dr. Gowtam R. Session 1 was conducted from 10am to 11.30am focused on

1: Basics of cloud

2: Cloud from AWS point of view

3: Cloud from GCP point of view

Session 2 was in continuation with session 1 and was

1: Overview of AWS-IOT platform

Session 3 was hands on AWS-IOT platform. It was interactive. Participants enjoyed the session.

Session was concluded with questionnaire followed by vote of thanks.

Session 4 was allotted to Assignment / test. Google form assignment link was shared to participants whatsapp group and received responses with in that session .Videos were uploaded to AGPIT-elearn youtube channel.

Video links are given below.

Session 1: <https://youtu.be/HDcpFRPEmQo>

Session 2: <https://youtu.be/HDcpFRPEmQo>

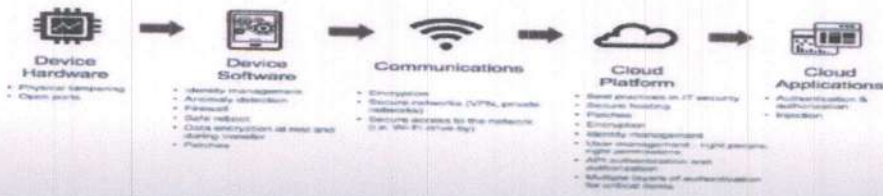
Session 3: [https://youtu.be/S3IZBfefb\\_A](https://youtu.be/S3IZBfefb_A)

  
**Coordinator**

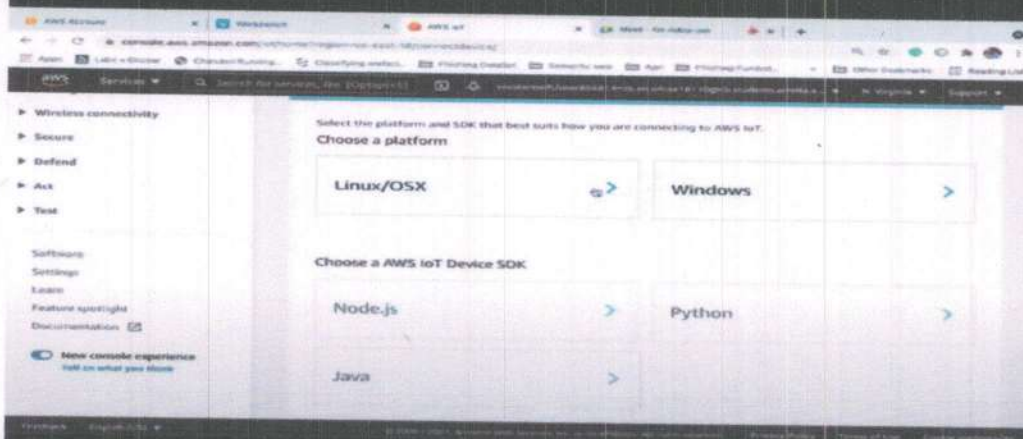
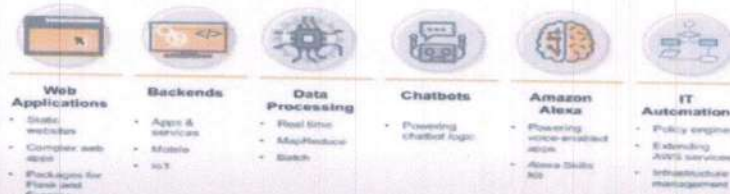
  
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## IoT



## Common use cases





## Assignment\_2

AICTE-ISTE Sponsored faculty Induction/Refresher program - Phase III  
FDP on Internet of Things ( IoT )  
( Date : 08/05/2021 )

\* Required

1. Name of Participants \*

---

2. 1) IP address plays major role in the identification of devices in IoT. Which statement(s) about IPv4 and IPv6 addresses are true? i) An IPv6 address is 32 bits long, represented in hexadecimal. ii) An IPv6 address is 128 bits long, represented in dotted decimal. iii) An IPv4 address is 32 bits long, represented in dotted decimal. iv) An IPv6 address is 128 bits long, represented in hexadecimal.

Mark only one oval.

- ☐ a) i and iii only  
☐ b) ii only  
☐ c) iii and iv only  
☐ d) ii and iii only

3. 2) Which TCP port will be used by WSS ( Web Sockets Secured)

Mark only one oval.

- ☐ a) 80  
☐ b) 443  
☐ c) 1883  
☐ d) 8883

  
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4. 3) The Data exchange platform proposed by IISc for Open Smart Cities of India is

*Mark only one oval.*

- ☐ a) Indian Urban Data Exchange
- ☐ b) Integrated Urban Data Exchange
- ☐ c) Indian Unified Data Exchange
- ☐ d) IISc Urban Data Exchange

5. 4) The technology that allows you to upload new code / firmware over Wireless to remote devices in IoT Environment instead of Serial port is .

*Mark only one oval.*

- ☐ a) OTA
- ☐ b) PnP
- ☐ c) AUTO PLAY
- ☐ d) UDNS

6. 5) By Principle, CoAP uses \_\_\_\_\_ protocol to provide secured communication.

*Mark only one oval.*

- ☐ a) SSL
- ☐ b) DTLS
- ☐ c) TLS
- ☐ d) None of them. It is totally unsecured.

  
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7. 6) ..... feature of CoAP allows servers to stream state changes to clients as they occur

*Mark only one oval.*

- ☐ a) Broadcast  
☐ b) Observe  
☐ c) Publish  
☐ d) Monitor

8. 7) MQTT Protocol is following the communication model of

*Mark only one oval.*

- ☐ a) Request-Response model  
☐ b) Exclusive Pair Communication Model  
☐ c) Push-Pull Communication Model  
☐ d) Publisher-Subscriber model

9. 8) A ----- is used by the client and the server communicate following the rules defined by the WebSocket protocol.

*Mark only one oval.*

- ☐ a) Long-lived TCP Socket  
☐ b) Short-lived TCP Socket  
☐ c) UDP Socket  
☐ d) Short-lived parallel TCP Socket

  
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10. 9) Device off-boarding deals with :i) Process of de-registering the device ii) Damaging the device physically iii) Disconnecting the device from existing network iv) Removal of authentication and validations of the device from network

*Mark only one oval.*

- ☐ a) Only i  
☐ b) I, iii, iv only  
☐ c) Only ii  
☐ d) Iii and iv only

11. 10) Main usage of Edge / Fog computing in an IoT environment is i) To offload certain portions of processing from cloud ii) To reduce round trip time to improve response iii) To reduce network traffic outside our campus iv) To increase the roundtrip time to improve response

*Mark only one oval.*

- ☐ a) I, ii, iii only  
☐ b) I, iii, iv only  
☐ c) I, ii, iii, iv  
☐ d) Ii only

12. 11) Does a cloud computing service let you scale your resource use up and down?

*Mark only one oval.*

- ☐ a) YES  
☐ b) NO

  
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13. 12) To get resources from a cloud computing provider, is working with a person at the provider required?

*Mark only one oval.*

- ☐ a) YES  
☐ b) NO

14. 13) \_\_\_\_\_ is surely an impediment to established businesses starting new enterprises.

*Mark only one oval.*

- ☐ a) Proposition  
☐ b) Globalization  
☐ c) Capitalization  
☐ d) None of the mentioned

15. 14) \_\_\_\_\_ as a utility is a dream that dates from the beginning of the computing industry itself.

*Mark only one oval.*

- ☐ a) Computing  
☐ b) Software  
☐ c) Model  
☐ d) All of the mentioned

  
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16. 15) Which of the following is essential concept related to Cloud?

*Mark only one oval.*

- ☐ a) Productivity
- ☐ b) Abstraction
- ☐ c) Reliability
- ☐ d) All of the mentioned

17. 16) A hybrid cloud combines multiple clouds where those clouds retain their unique identities but are bound together as a unit.

*Mark only one oval.*

- ☐ a) Private
- ☐ b) Public
- ☐ c) Hybrid
- ☐ d) Community

18. 17) \_\_\_\_\_ provides virtual machines, virtual storage, virtual infrastructure, and other hardware assets.

*Mark only one oval.*

- ☐ a) SaaS
- ☐ b) PaaS
- ☐ c) IaaS
- ☐ d) All of the mentioned

  
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19. 18) All cloud computing applications suffer from the inherent \_\_\_\_\_ that is intrinsic in their WAN connectivity.

*Mark only one oval.*

- ☐ a) noise
- ☐ b) latency
- ☐ c) propagation
- ☐ d) all of the mentioned

20. 19) \_\_\_\_\_ enables batch processing, which greatly speeds up high-processing applications.

*Mark only one oval.*

- ☐ a) Utility
- ☐ b) Scalability
- ☐ c) Elasticity
- ☐ d) Reliability

21. 20) Which of the following is specified parameter of SLA?

*Mark only one oval.*

- ☐ a) Response times
- ☐ b) Responsibilities of each party
- ☐ c) Warranties
- ☐ d) All of the mentioned

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## Summary Report of Day : 4



### **AICTE-ISTE faculty Induction/Refresher Program**

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**Day - 4**

**Schedule**

**9/5/2021**

Session 1	10 am–11.30am	1. Introduction to Deep Learning 2. Deep learning use cases for IoT 3. Challenges in inferencing using deep learning models on small IoT devices	 <b>Mr. Aniket Rangrej</b> Senior Data scientist Walmart Global Tech.
Session 2	11.30am – 1 pm	4. Model optimisation 5. State of the art methods / frameworks to overcome these challenges 6. Experimental Results	
Lunch Break	1.00pm –2.00 pm		
Session 3	2 pm – 3.30 pm	Stress Management	 <b>Dr. Rajesh Dhopeswarkar</b> M.D. Cardiology( AIIMS) Pune & <b>Dr. Renuka Shiregond</b>
Session 4	3.30 pm–5.00 pm	Assignment	

Link to join :

Day 4 - session1, session 2, session 3: <https://meet.google.com/fst-ndop-jxo>

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.



**Date : 9/5/2021**

**Number of sessions: 4**

**Topics :** Deep learning, Stress management

**Speakers :** Mr. Aniket Rangrej, Senior Data scientist , Walmart Global Tech.

Dr. Rajesh Dhopeswarkar , M.D. Cardiology( AIIMS) Pune

Dr. Renuka Shiregond. Gynecologist

Day 4 sessions began with deep learning and followed by one stress management session guided by Art of Living teachers.

Session 1 covered following concepts.

- 1: Introduction to Deep Learning
- 2: Deep learning use cases for IoT
- 3: Challenges in inferencing using deep learning models on small IoT devices

Session 2 was in continuation with session 1 and covered the following

- 4: Model optimization
- 5: State of the art methods / frameworks to overcome these challenges

6: Experimental Results

Session 3 was interesting and interactive. Dr. Rajesh and Dr. Renuka instructed stress release techniques, Breathing techniques in Covid and post covid scenarios. They answered for queries raised by participants. All three sessions were concluded with vote of thanks.

Session 4 is allotted for Assignment /test. Google form link was shared and collected responses with in session 4. Videos of sessions were uploaded to AGPIT-elearn youtube channel and shared links to participants. Links are as follows:

Session 1: <https://youtu.be/vHUTaXpRjTA>

Session 2: [https://youtu.be/wr3n\\_InfFGM](https://youtu.be/wr3n_InfFGM)

Session 3: <https://youtu.be/4VGHQrW4HFQ>

  
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## Deep Learning For IoT

Aniket Rangrej

2:34 / 1:31:05

Scroll for details

## Constraints for IoT Devices

- Memory
- Compute
- Power
- Bandwidth
- Diverse set of hardware constraints

1:49 / 1:29:44

Scroll for details

Rajesh Chhapawar

36:31 / 1:31:55

Ranika Shiregond

1:22:53 / 1:31:55



### Assignment / Test 3:

5/31/2021

IOT Phase -III, Assignment Day-4

## IOT Phase -III, Assignment Day-4

One Week Online Faculty Development Program - AICTE - ISTE Induction / Refresher Program  
(Phase - III) on "Internet of Things (IoT)" from 6th May to 11th May-2021 .  
(Date : 09/05/2021 )

\* Required

1. Email \*

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2. Name of Participants \*

---

3. Bias depends upon the features. \*

Mark only one oval.

☐ True

☐ False

4. What is the objective of gradient descent? \*

Mark only one oval.

☐ Minimize the loss

☐ Minimize the hypothesis function

☐ Both

☐ None

  
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5. What is disadvantage of Perceptron learning? \*

Mark only one oval.

- ☐ It may not converge.
- ☐ It has linear boundary.
- ☐ It has non linear boundary.
- ☐ None

6. If a training data point is positive and hypothesis function gives output as positive then \*

Mark only one oval.


- ☐ We need to update the parameter  $w$ .
- ☐ We do not need to update the parameter  $w$ .
- ☐ We need to remove the data point from the data set.
- ☐ None

7. Which of these functions are differentiable? \*

Mark only one oval.

- ☐ Sigmoid
- ☐ TanH
- ☐ ReLU
- ☐ All

  
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8. What is the learning rate? \*

*Mark only one oval.*

- ☐ Parameter to optimize
- ☐ Hyperparameter
- ☐ Feature
- ☐ None

9. Which of the following is not a constraint to deploy the deep learning model on IoT device? \*

*Mark only one oval.*


- ☐ Memory
- ☐ Power
- ☐ Deep learning architecture
- ☐ Compute

10. Which of the following statement is False? \*

*Mark only one oval.*

- ☐ Quantization reduces the accuracy of the model.
- ☐ Quantization changes the model architecture.
- ☐ Quantization speeds up the computations.
- ☐ Quantization reduces the model size.

  
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11. Which of the following is not a deep learning model optimization technique for IoT devices? \*

Mark only one oval.

- ☐ TVM  
☐ OpenVINO  
☐ Quantization  
☐ ResNet

12. Which of the optimization strategies TVM uses? \*

Mark only one oval.


- ☐ Operator fusion  
☐ Static memory reuse  
☐ Pre-computation  
☐ Data layout transformation  
☐ ALL of above

---

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## Summary Report of Day : 5



### AICTE-ISTE faculty Induction/Refresher Program

Organized by

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A. G. Patil Institute of Technology, Solapur



**Day - 5**

**Schedule**

**10/5/2021**

Session 1	10 am–11.30am	Projects	 Mr. Mohan Kondle Vedam Labs
Session 2	11.30am – 1 pm	Projects	
Lunch Break	1.00pm –2.00 pm		
Session 3	2 pm – 3.30 pm	Projects	
Session 4	3.30 pm–5.00 pm	Projects	

Link to join :

Day 5 - session1, session 2, session 3, session 4: <https://meet.google.com/fst-ndop-jxo>

  
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**Principal**  
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**Date : 10/5/2021**

**Number of sessions: 4**

**Topics : Projects**

**Speaker : Mr. Mohan Kondle, Vedam Labs, Solapur**

Day 4 sessions started with introduction of speaker Mr. Mohan Kondle.

Session 1 was started with demonstration of installation of raspberry pie and covered some projects with hands on practice.

Session 2 was in continuation with session 1. Participants involved with enthusiasm and received hands on knowledge.

Session 3 and session 4 focused on some more interesting projects and file handling. It was interactive too.

Videos of sessions were uploaded to AGPITE-learning youtube channel and shared links to participants. Links are as follows:

Session 1: [https://youtu.be/99-Y\\_xhMeSM](https://youtu.be/99-Y_xhMeSM)

Session 2: <https://youtu.be/N3uGug6hTLc>

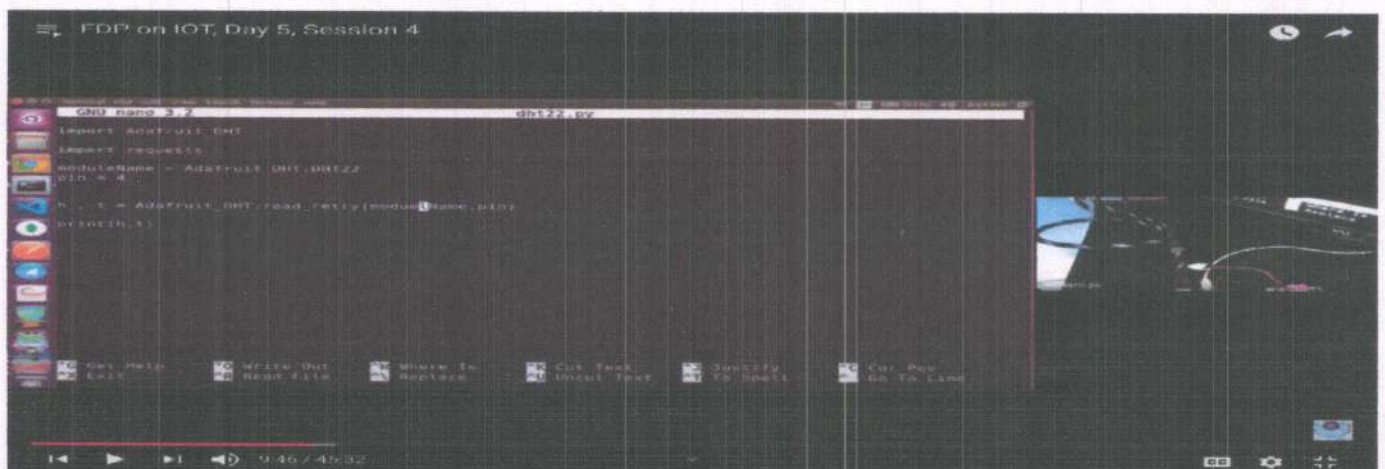
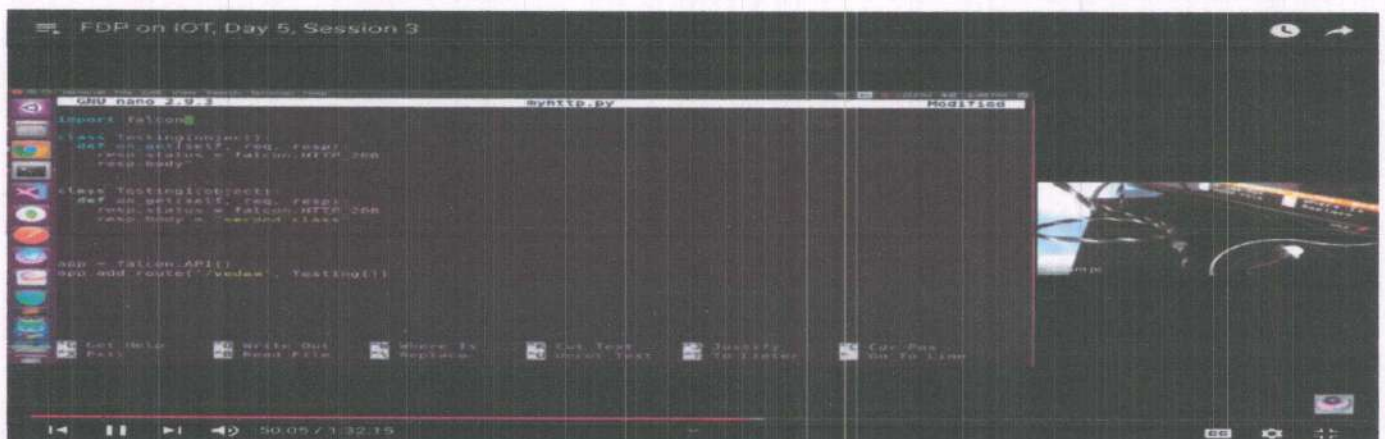
Session 3: [https://youtu.be/rP8N\\_qWxAoA](https://youtu.be/rP8N_qWxAoA)

Session 4: <https://youtu.be/fdDkE5p7dMY>

  
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## Summary Report of Day : 6



### **AICTE-ISTE faculty Induction/Refresher Program**

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A. G. Patil Institute of Technology, Solapur



**Day - 6**

**Schedule**

**11/5/2021**

Session 1	10 am–11.30am	Projects	 Mr. Mohan Kondle Vedam Labs
Session 2	11.30am – 12 pm	Feedback & Assignment	
Session 3	12pm - 12.02pm 12.02pm – 12.07pm 12.07 pm – 12.10 pm 12.10pm - 12.15pm 12.15pm – 12.20pm 12.20pm – 12.28 12.28pm – 12.30pm	Welcome words Online felicitation Introduction of chief guest Address by Vice principal Address by Principal Address by chief guest Vote of thanks	Chief Guest  Shri. M. A. Kakade Controller of Examinations and Evaluation Pune University

Link to join :

Day 6 - session1, session 2, session 3: <https://meet.google.com/fst-ndop-ix0>

  
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**Date : 11/5/2021**

**Number of sessions: 3**

**Topic : Projects on IoT**

**Speaker : Mr. Mohan Kondle**

The session started with the introduction Mr. Mohan Kondle . He continued demonstration of projects with hands on practice and concluded the session with answering queries of the participants. He has shared key points of IOT projects. Vote of thanks was given by Mrs. M. Kulkarni

In second session feed backs of participants were recorded. Participants expressed their views about over all program, sessions and expected such FDPs in future.

At the end of day, there was Final Assignment / test 4 link shared to participants' group which was aimed at knowing participants' views about what they learnt in last two days in project sessions.

At valedictory function of AICTE-ISTE Induction / Refresher Program Shri. M. A. Kakade (Chief Guest, COE of Pune university, executive member of ISTE ), Mr. S. A. Patil (Secretary, Shanti Education Society), Dr. M. A. Chougule (Campus Director-AGPIT), Dr. S. A. Patil (Principal-AGPIT), Dr. V. V. Potdar (Vice principal-AGPIT), Mr. S. V. Kulkarni (Coordinator AICTE-ISTE Induction / Refresher Program & HOD CSE-AGPIT), Dr. P. V. Vedula (Co-Coordinator AICTE-ISTE Induction / Refresher Program & ISTE Coordinator-AGPIT), Dr. R. V. Darekar (Co-Coordinator AICTE-ISTE Induction / Refresher Program & HOD ENTC-AGPIT) and all Head of the departments & Faculties of A.G. Patil Institute of Technology were present. Feedbacks were given by some participants. The session was concluded by the vote of thanks given by Dr. P. V. Vedula (Coordinator AICTE-ISTE Induction / Refresher Program phase III). Video Link of session was shared to participants.

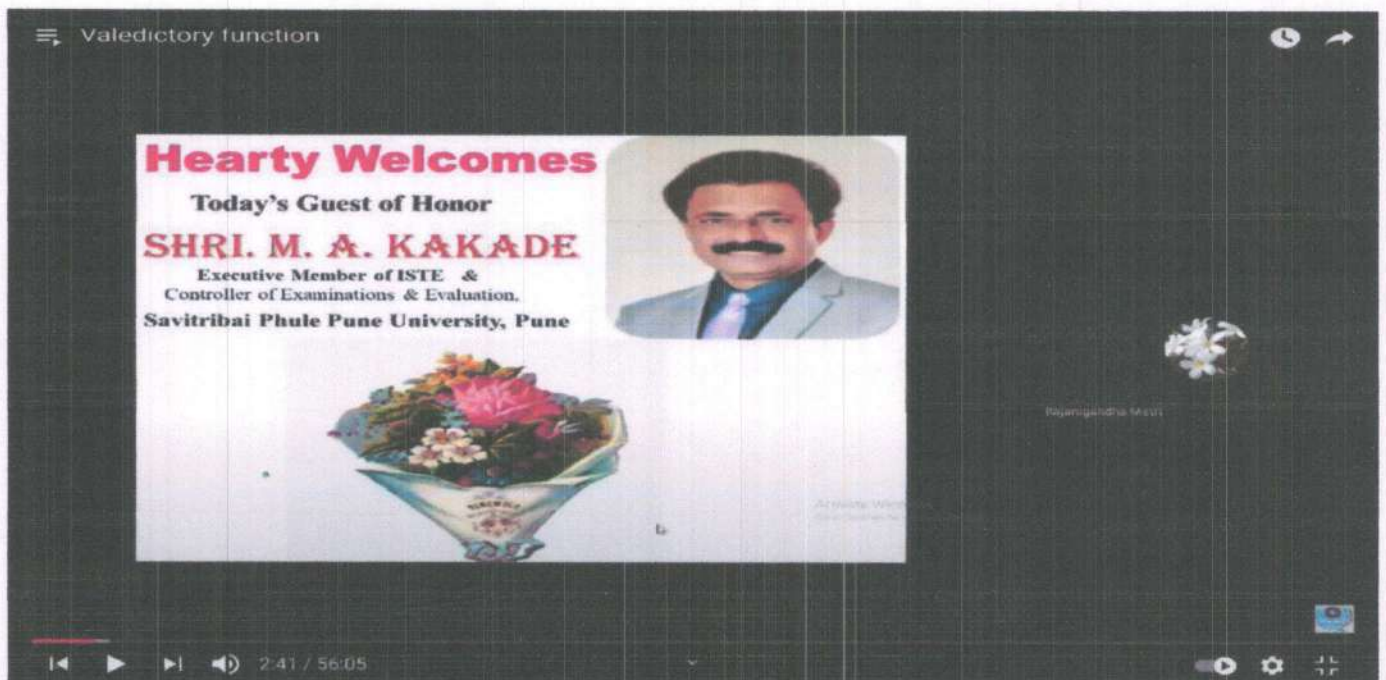
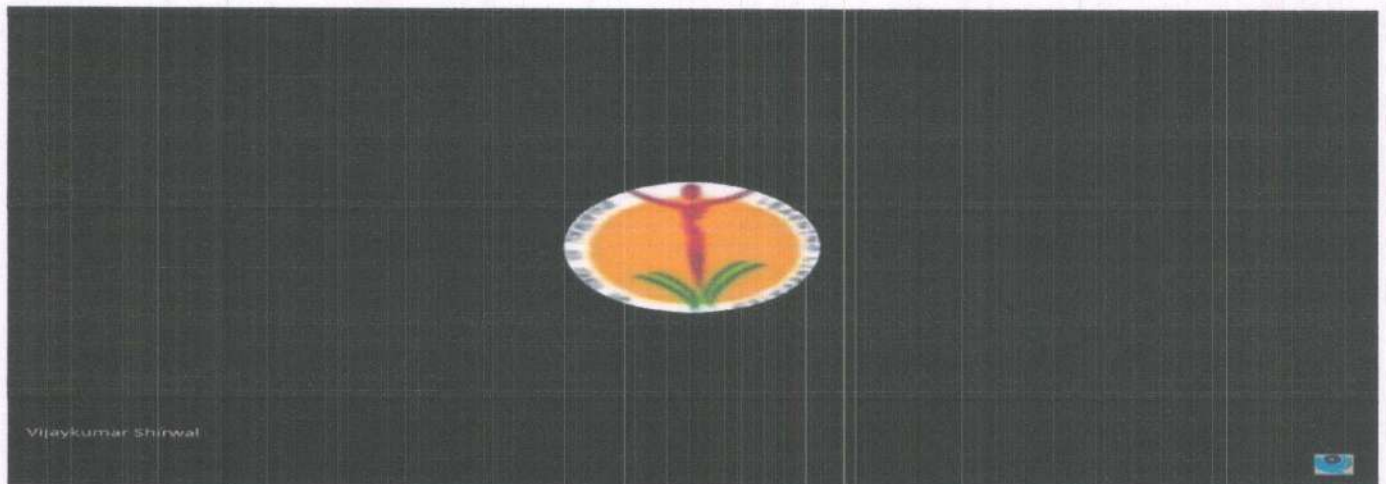
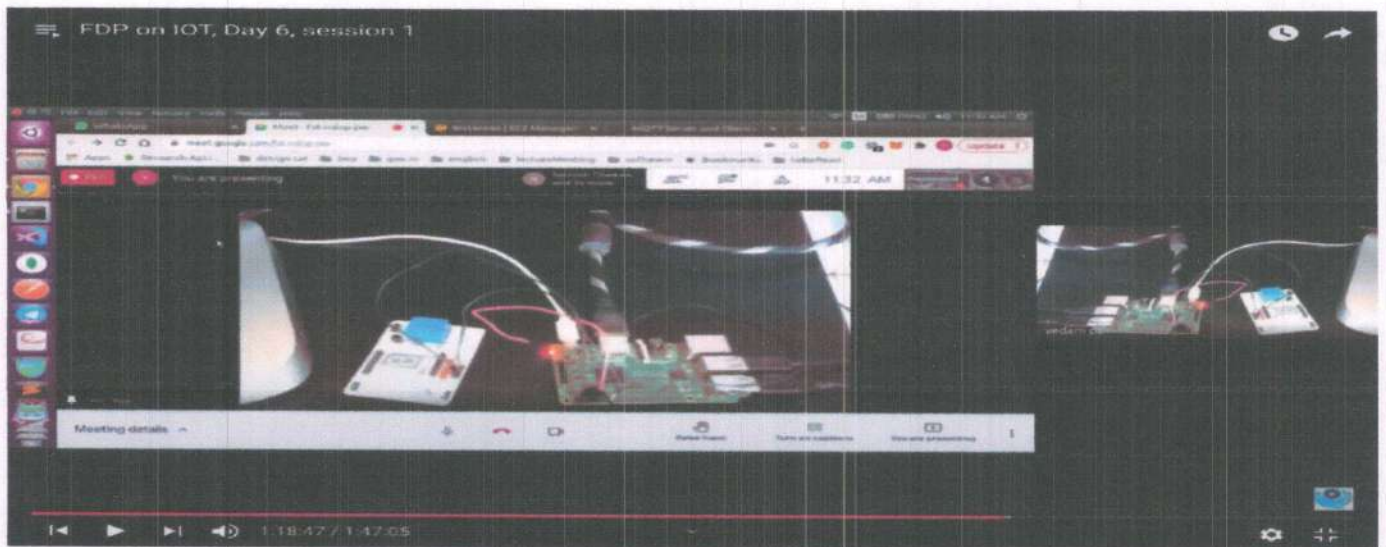
Session 1: <https://youtu.be/qX8AG4DntmQ>

Valedictory function: <https://youtu.be/--6tyABwA4E>

  
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*sla*  
Coordinator

*[Signature]*  
Principal  
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## IOT Phase -III, Assignment Day-6

One Week Online Faculty Development Program - AICTE - ISTE Induction / Refresher Program  
(Phase - III) on "Internet of Things (IoT)" from 6th May to 11th May-2021 .  
(Date : 11/05/2021 )

\* Required

1. Email \*

---

2. What is the Ethernet/LAN cable used in RPi ? \*

*Mark only one oval.*

- ☐ a) Cat5  
☐ b) Cat5e  
☐ c) Cat6  
☐ d) RJ45

3. What are the distributions are supported by raspberry Pi ? \*

*Mark only one oval.*

- ☐ a) Arch Linux  
☐ b) Debain  
☐ c) Fedora Remix  
☐ d) Arch Linux, Debain, and Fedora Remix

  
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4. Raspberry Pi Imager is the quick and easy way to install Raspberry Pi OS and other operating systems to a microSD card. \*

Mark only one oval.

- ☐ a) True  
☐ b) False  
☐ c) None

5. \_\_\_\_\_ is a Debian-based engineered especially for the Raspberry Pi and it is the perfect general-purpose OS for Raspberry users. \*

Mark only one oval.

- ☐ a) OSMC  
☐ b) OpenELEC  
☐ c) Raspbian.  
☐ d) RaspBSD

6. What is the standard port number of secure MQTT? \*

Mark only one oval.

- ☐ a. 1883  
☐ b. 8000  
☐ c. 8883  
☐ d. 8888

  
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7. What does the method readline() return: \*

Mark only one oval.

- ☐ a. One line  
☐ b. One byte  
☐ c. One character  
☐ d. Bool

8. Server is a \_\_\_\_\_ \*

Mark only one oval.

- ☐ a. Computer  
☐ b. Any device/program which serves or responds to the request from client  
☐ c. A data center  
☐ d. Cloud

9. What are the mode/modes used for addressing the pins in Raspberry Pi?

Mark only one oval.

- ☐ a. GPIO  
☐ b. BCM  
☐ c. GPIO and BCM  
☐ d. GPIO, BCM and CAN

  
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10. Which of the following Raspbian is \_\_\_\_\_

*Mark only one oval.*

- ☐ a. OS
- ☐ b. Assembler
- ☐ c. Language
- ☐ d. Compiler

11. What is the full form of the MQTT?

*Mark only one oval.*

- ☐ a. Multi-Queue Telemetry Things
- ☐ b. Multiple Queue Telemetry Things
- ☐ c. Message Queue Telemetry Things
- ☐ d. Message Queue Telemetry Transport

---

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### Assignment / Test Analysis

sr. no.	Registered participants	Attendance %	Marks ( out of 50)	Marks %
1	Geeta Joshi	72	23	46
2	Sanjay Patil	6	0	0
3	Vijaykumar D Pawar	17	0	0
4	Utkarsh Arun Avalekar	81	30	60
5	Shubhangi Ranjit Kanbarkar	81	30	60
6	Mr. Sandip Datta Bavache	0	0	0
7	Pramod Damodar Mane	39	19	38
8	Mr.Vikas Tatyaso Ligade	0	0	0
9	Yojana Nanaware	6	0	0
10	Priyanka Karjal (Panji)	2	21	42
11	Chetan D. Patil	0	0	0
12	BHARATI	0	0	0
13	Bhosale Ajita Kalidas	0	0	0
14	Shrikant Ramkrishna Bhuskade	28	6	12
15	Mayur Manohar More	33	34	68
16	RAVIKIRAN R	6	20	40
17	Anisha Maria Cotta	1	14	28
18	Shashikant Suresh Dudhagi	0	0	0
19	Sushma Bhagawat	89	33	66
20	Ravindra Maruti Desai	0	0	0
21	Shyamsundar Pralhad Magar	39	19	38
22	Satish S Kotwal	0	0	0
23	Vitteshkumar Dattatray Gaikwad	33	30	60
24	Jayant Shankar Ghevade	78	26	52
25	Amitkumar M. Holi	0	0	0
26	Shinde Snehal Ganesh	81	34	68
27	Sudir P	0	0	0
28	Parinitha J	0	5	10
29	Asha C N	81	34	68
30	Dr.pavithra g	11	13	26
31	Shwetha N	6	7	14
32	Pooja Dadasaheb Patil	0	0	0
33	Sagar Somnath Salunkhe	0	0	0
34	VINUTHA B	6	0	0
35	Mr.Ajaykumar Bhoju Bhosale	0	0	0
36	Mahesh C. Patil	81	31	62
37	Sandeep Lalasaheb Shinde	0	5	10
38	Kirti Choudhari	81	30	60
39	RASHMI K A	61	27	54
40	MANJUNATHA SIDDAPPA	83	44	88
41	Viki Tukaram Patil	83	39	78
42	ANAND YASHVANT GAIKWAD	0	0	0
43	Ms.Kajal Kailas Mandave	0	0	0

  
Coordinator



44	Shivaprasad Satla	61	20	40
45	Bhosale Navnath Dattatray	67	5	10
46	MAHADEVASWAMY	17	14	28
47	KASULA RAGHU	0	0	0
48	Rishika Anand	81	40	80
49	Brijendra Jain	0	0	0
50	Nandini Sethi	94	42	84
51	Prachi Prashant Vast	81	36	72
52	KIRAN KUMAR HUMSE	0	10	20
53	Nitin Mawale	81	38	76
54	Dr. Arvind Laxmikant Chel	0	0	0
55	Vijay Bhanudas Gujar	0	8	16
56	Yogita Pradip Lad	83	36	72
57	Vidhya D S	89	40	80
58	SMITA A TAKALKAR	67	19	38
59	Asha Rahul Digge	0	0	0
60	Rajeshri Rahul Itkarkar	81	31	62
61	Nilesh Subhash Vani	0	0	0
62	Soni Ragho	83	36	72
63	RAMEEJ SHOUKAT DANGE	0	0	0
64	Dr Nagendra Kumar M	0	0	0
65	Vinayak Vijay Palmur	0	0	0
66	UDAY CHANDRA A	6	6	12
67	Gururaj Hatti	33	5	10
68	Karan Gurtu	0	0	0
69	Kashid Madhuri Mahavir	83	41	82
70	SPHURTI SUDHIR BIRAJDAR	22	12	24
71	Anita Vittal Kodam	0	6	12
72	Sunil Shankarrao Patil	56	25	50
73	Bagal Kajal Satyawan	17	34	68
74	Dr. Rajendra V.Babar	33	5	10
75	NAVEEN HIREMATH	39	30	60
76	MOHAN BABU C	17	15	30
77	C S SRIDHAR	81	31	62
78	Indrajeet Inamdar	0	0	0
79	Vijaykumar Shrimant Shirwal	83	43	86
80	Ms. Payal Sunil Pawar	56	3	6
81	Abhijit Shankar Shinde	67	10	20
82	Buran basha Mohammad	94	43	86
83	Jyoti Babasaheb Thorat	11	17	34
84	Nagesh Anand Goden	0	0	0
85	Jena P. Joshi	89	9	18
86	RAEES AHMAD NOOR MOHAMMAD	81	37	74
87	SK.KHADAR BASHA	0	9	18
88	SAGAR SHARAD BHUITE	0	0	0
89	Dipali Hari Kumbhar	11	19	38
90	Meenaxi Torase	0	6	12
91	Vishnavi Navale	83	36	72
92	Pande Sunil Subhashrao	28	6	12



93	Swati Arjun Sardar	39	0	0
94	AKASH SURESH PATIL	17	10	20
95	Prof. Shital Agrawal	0	0	0
96	Prof. Yashoda Amit Kale	0	21	42
97	Kiran Kale	81	32	64
98	Jini Manish Saxena	39	9	18
99	Shashikant Hippargi	83	37	74
100	Saanvi Shashikant Hippargi	81	36	72

### Eligible Participants List

No.	Eligible participants	Attendance %	Marks ( out of 50)	Marks %	E mail Ids
1	Utkarsh Arun Avalekar	81	30	60	uaa5811@gmail.com
2	Shinde Snehal Ganesh	81	34	68	18snehalshinde@gmail.com
3	Asha C N	81	34	68	ashacn@acharya.ac.in
4	Mahesh C. Patil	81	31	62	patilmc@yahoo.com
5	MANJUNATHA SIDDAPPA	83	44	88	manjunatha1311.ece@sjcit.ac.in
6	Viki Tukaram Patil	83	39	78	Shree.vikipatil@gmail.com
7	Rishika Anand	81	40	80	rishika003phd19@igdtuw.ac.in
8	Nandini Sethi	94	42	84	nandinisethi2104@gmail.com
9	Prachi Prashant Vast	81	36	72	ppvast@aissmscoe.com
10	Yogita Pradip Lad	83	36	72	yplad@aissmscoe.com
11	Vidhya D S	89	40	80	dsvidhyaworkshop@gmail.com
12	Rajeshri Rahul Itkarkar	81	31	62	rritkarkar@aissmscoe.com
13	Kashid Madhuri Mahavir	83	41	82	madhurikashid.ingole@gmail.com
14	C S SRIDHAR	81	31	62	sridhar_cs@yahoo.com
15	Vijaykumar Shrimant Shirwal	83	43	86	vijaykumarshirwal@orchidengg.ac.in
16	Buran basha Mohammad	94	43	86	mohammadburan@gmail.com
17	RAEES AHMAD NOOR MOHAMMAD	81	37	74	raeesahmed.shaikh@theemcoe.org
18	Shashikant Hippargi	83	37	74	hippargi.shashikant20@gmail.com
19	Saanvi Shashikant Hippargi	81	36	72	saanvi.hippargi@gmail.com
20	Sushma Bhagawat	89	33	66	bhagwatsushma007@gmail.com
21	Kirti Choudhari	81	30	60	kirtibchaudhari@gmail.com
22	Nitin Mawale	81	38	76	npmawale@aissmscoe.com
23	Soni Ragho	83	36	72	sonirragho@gmail.com
24	Vishnavi Navale	83	36	72	vsnavale@aissmscoe.com
25	Shubhangi Ranjit Kanbarkar	81	30	60	srk.me.sy20@gmail.com
26	Kiran Kale	81	32	64	kirank360@gmail.com

  
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**Principal**  
A. G. Patil Institute of Technology,  
Solapur.



## IOT FDP feedback-Phase-III

A. G. Patil Institute of Technology, Solapur

Organized One week online induction/Refresher program sponsored by AICTE-ISTE ON  
"Internet of Things"

Thank you for participating in our F.D.P. We hope you had as much satisfied attending as we did organizing it.

We want to hear your valuable feedback so we can keep improving our logistics and content.  
Please fill this quick survey and let us know your thoughts (your answers will be anonymous).

\* Required

1. How satisfied were you with the FDP? \*

Mark only one oval.

	1	2	3	4	5	
Not very	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very much

2. How relevant the topics of session interesting and useful \*

Mark only one oval.

	1	2	3	4	5	
Not very	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very much

3. Was adequate time provided for questions and discussion? \*

Mark only one oval.

☐ Yes  
☐ No

  
**Coordinator**

  
**Principal**  
A. G. Patil Institute of Technology,  
Solapur.



## 4. Speaker names: \*

Mark only one oval per row.

	Good	Better	Best	Excellent
Prof. Manoj Kakade	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dr. Anantanarayanan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dr. Gowtam R.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mr. Aniket Rangrej	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dr. Renuka Shiregond & Viresh Dama	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mr. Mohan Kondle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 5. How was the arrangements of session \*

Mark only one oval.

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 6. How was the Technical arrangement \*

Mark only one oval.

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 7. Any additional comments regarding the sessions or overall agenda? \*

---

  
Principal  
A. G. Patil Institute of Technology,  
Solapur.

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2/3

  
Coordinator

## Feed Backs of Participants

6/21/2021

IOT FDP feedback-Phase-III

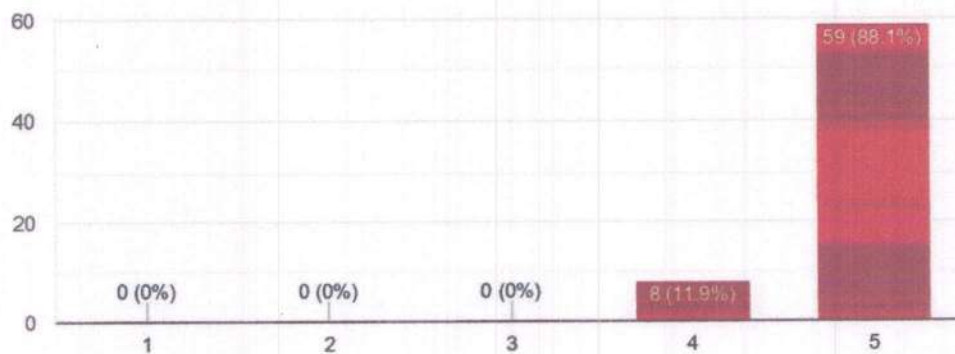
### IOT FDP feedback-Phase-III

67 responses

[Publish analytics](#)

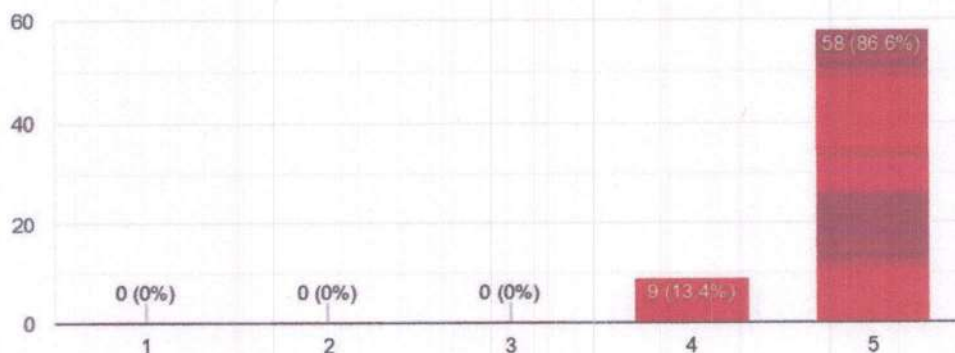
How satisfied were you with the FDP?

67 responses



How relevant the topics of session interesting and useful

67 responses



<https://docs.google.com/forms/d/1AxDs5-vpKQOQnxV-I8kA9GvhtnU635pBMx9lefCoZUkg/viewanalytics>

1/4

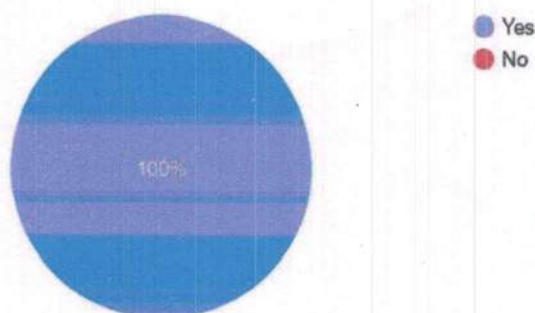
  
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**Principal**  
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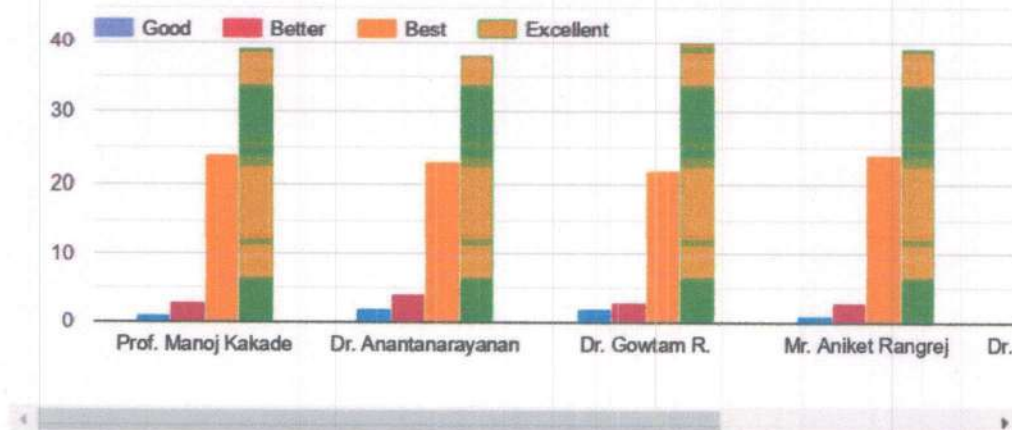


Was adequate time provided for questions and discussion?

67 responses



Speaker names:

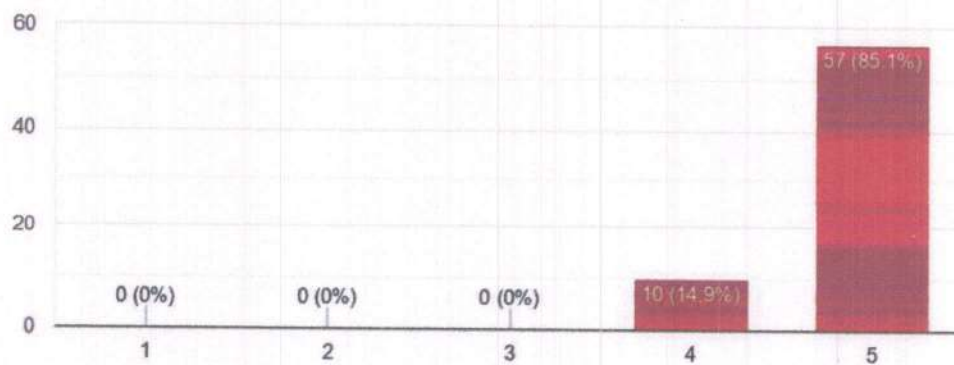


*slc*  
Coordinator

*[Signature]*  
Principal  
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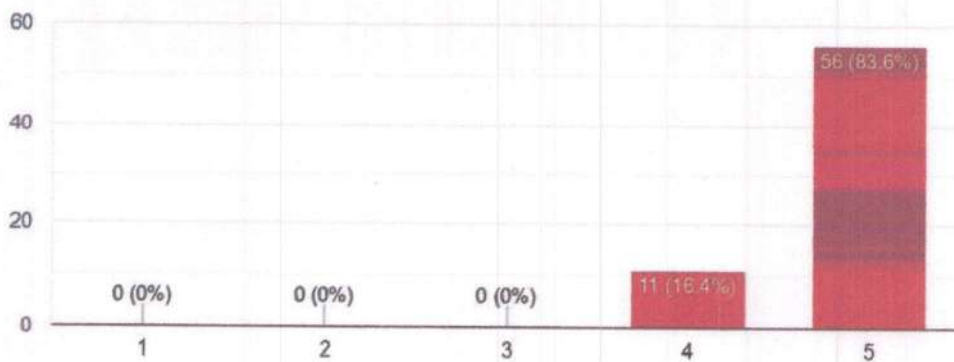
## How was the arrangements of session

67 responses




## How was the Technical arrangement

67 responses



  
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Any additional comments regarding the sessions or overall agenda?

67 responses

Full satisfaction of attending this program

Everything was excellently planned. Thanks to Organising committee for smooth conduction of FDP

Nice session

It was good

Coordination was excellent and received the expected knowledge from the FDP

Workshop was more practical oriented which was beneficial for us

Hands sessions very really good.

Nicely outlined, managed and executed...

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**सकाळ** TODAY

सोलापूर

दि.२९/०५/२०२१

पृष्ठ क्र. ०२

## ‘इंटरनेट ऑफ थिंग्ज’ विषयावर कार्यशाळा ए.जी. पाटील कॉलेजचे संयोजन; १०० प्राध्यापकांचा सहभाग

सोलापूर, ता. २८ : येथील ए. जी. पाटील अभियांत्रिकी महाविद्यालयात ‘इंटरनेट ऑफ थिंग्ज’ या विषयावर सहा दिवशीय ऑनलाइन कार्यशाळा संपन्न झाली. ही कार्यशाळा नवी दिल्लीच्या एआयसीटीई व आयएसटीईने पुरस्कृत केली होती.

यामध्ये देशभरातून १०० प्राध्यापकांनी रजिस्ट्रेशन केले होते. एआयसीटीईचे डायरेक्टर ऑफ फॅकल्टी डेव्हलपमेंट सेलचे कर्नल बी. व्यंकट, आयएसटीईचे एक्झिक्युटिव्ह सेक्रेटरी प्रा. विजय

डी. वैद्य, इन्स्टिट्यूटचे कॅम्पस डायरेक्टर डॉ. एम. ए. चौगुले, महाविद्यालयाचे प्राचार्य डॉ. एस. ए. पाटील व उपप्राचार्य डॉ. व्ही. व्ही. पोतदार उपस्थित होते. या सहा दिवसात २४ विविध कार्यशाळा पार पडल्या. यामध्ये आयओटी या विषयावर बिट्स पिलानीचे प्रा. मनोज काकडे व विश्व विद्यापीठ कोईमटूरचे डॉ. अनंतनारायण, डॉ. गौतम, आयआयटीचे मद्रासचे अनिकेत रंगरेज यांचे मार्गदर्शन लाभले. स्ट्रेस मॅनेजमेंट याबद्दल आर्ट ऑफ लव्हिंगचे

मोहन कोंडले यांनी मार्गदर्शन केले. आयएसटीईचे एक्झिक्युटिव्ह सेक्रेटरी एम. ए. काकडे यांच्या उपस्थितीत कार्यशाळेचा समारोप झाला. कार्यशाळेच्या पहिल्या भागाचे संयोजन कॉम्प्युटर इंजिनिअरिंग विभागाने, दुसऱ्या भागाचे संयोजन इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरिंग विभागाने व तृतीय भागाचे संयोजन जनरल सायन्स अँड इंजिनिअरिंग विभागाने केले. डॉ. वेदुला, डॉ. आर. व्ही. दरेकर व प्रा. एस. व्ही. कुलकर्णी यांनी परिश्रम घेतले.

  
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दि.३०/०५/२०२१

पृष्ठ क्र. ०२

# ए. जी. पाटील अभियांत्रिकीमध्ये कार्यशाळा संपन्न

सोलापूर

ए. जी. पाटील अभियांत्रिकी महाविद्यालयात ए.आय.सी.टी.ई व आय.एस. टी.ई. पुरस्कृत इंटरनेट ऑफ थिंग्ज या विषयावर सहादिवशीय ऑनलाइन पद्धतीची कार्यशाळा आयोजित करण्यात आली होती.

ए.आय.सी.टी.ई व आय.एस. टी.ई., न्यु दिल्ली पुरस्कृत सहा दिवशीय ऑनलाइन कार्यशाळा जनरल सायन्स अँड इंजीनियरिंग या डिपार्टमेंट कडून आयोजित केली होती. या कार्यशाळेत देशभरातून शंभर प्राध्यापकांनी रजिस्ट्रेशन

केले होते. त्याकरिता प्रमुख पाहुणे ए.आय.सी.टी.ई चे डायरेक्टर ऑफ फॅकल्टी डेव्हलपमेंट सेलचे कर्नल बी.व्यंकट, आय.एस. टी.ई चे एक्झिक्युटिव्ह सेक्रेटरी, प्रा. विजय डी. वैद्य उपस्थित होते. तसेच इन्स्टिट्यूटचे कॅम्पस डायरेक्टर डॉ. एम. ए. चौगुले, महाविद्यालयाचे प्राचार्य डॉ. एस. ए. पाटील व उपप्राचार्य डॉ. व्ही. व्ही. पोतदार उपस्थित होते.

कार्यशाळा यशस्वी व्हावी म्हणून डॉ. वेदुला यांनी विशेष परिश्रम घेतले. तसेच डॉ. आर. व्ही.दरेकर व प्रा. एस.व्ही. कुलकर्णी यांचे सहकार्य लाभले.

  
Coordinator

  
Principal  
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Solapur.



दैनिक

दि. ३१/०५/२०२१

तरुण भारत

संवाद

पृष्ठ क्र. ०५

संपदन

# ‘ए. जी. पाटील’मध्ये ‘इंटरनेट ऑफ थिंग्ज’ विषयावर तृतीय कार्यशाळा संपन्न

प्रतिनिधी

सोलापूर

कोरोनाकाळात सर्व शिक्षण संस्था ऑनलाईन पद्धतीनेच चालू आहे. विद्यार्थ्यांचे सर्व थेअरी अँड प्रॅक्टिकल ऑनलाईन पद्धतीने चालू आहे. विद्यार्थ्यांचे नॉलेज वाढविण्यासाठी व शिक्षकांनाही स्वतःचे नॉलेज अपडेट ठेवण्यासाठी आणि वाढविण्यासाठी विविध कार्यशाळा उपयोगी पडतात. याचाच विचार करून ए. जी. पाटील अभियांत्रिकी महाविद्यालयात ए.आय.सी.टी.ई व आय. एस.टी.ई. पुरस्कृत इंटरनेट ऑफ थिंग्ज या विषयावर सहा दिवसीय ऑनलाईन पद्धतीची कार्यशाळा आयोजित करण्यात आली होती.

ए.आय.सी.टी.ई व आय.एस.टी.ई., न्यू दिल्ली पुरस्कृत सहा दिवसीय ऑनलाईन कार्यशाळा जनरल सायन्स अँड इंजिनिअरिंग या डिपार्टमेंटकडून आयोजित केली होती. या कार्यशाळेत देशभरातून शंभर प्राध्यापकांनी रजिस्ट्रेशन केले होते. त्याकरिता प्रमुख पाहुणे ए.आय.सी.टी.ई.चे

डायरेक्टर ऑफ फॅकल्टी डेव्हलपमेंट सेलचे कर्नल बी. व्यंकट, आय.एस.टी.ई.चे एक्झिक्युटिव्ह सेक्रेटरी प्रा. विजय वैद्य उपस्थित होते. तसेच इन्स्टिट्यूटचे कॅम्पस डायरेक्टर डॉ. एम. ए. चौगुले, महाविद्यालयाचे प्राचार्य डॉ. एस. ए. पाटील व उपप्राचार्य डॉ. व्ही. व्ही. पोतदार उपस्थित होते.

या सहा दिवसीय कार्यशाळेचे २४ विविध कार्यशाळा होत्या. यामध्ये आय ओ टी या विषयावर बिट्स पिलानीचे प्रा. मनोज काकडे व विश्व विद्यापीठम कोईमतुरचे डॉ. अनंतनारायण, डॉ. गौतम, आयआयटी चेन्नईचे अनिकेत रंगरेज इ. तज्ञांचे मार्गदर्शन लाभले. या कार्यशाळेचा पहिला भाग कॉम्प्युटर इंजिनिअरिंग विभागाने आयोजित केला होता व दुसरा भाग इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरिंगने आयोजित केला होता व आत्ताचा तृतीय भाग जनरल सायन्स अँड इंजिनिअरिंग या विभागाने आयोजित केला होता. ही कार्यशाळा यशस्वी व्हावी म्हणून डॉ. वेदुला यांनी विशेष परिश्रम घेतले. या कार्यशाळेस डॉ. आर. व्ही. दरेकर व प्रा. कुलकर्णी यांचे सहकार्य लाभले.

  
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