



Shram Sadhana Bombay Trust's  
**COLLEGE OF ENGINEERING & TECHNOLOGY**  
BAMBHORI, POST BOX NO. 94, JALGAON- 425001. (M.S.)  
Included Under Section 2(f) & 12(B) of the UGC Act, 1956  
ISO 9001:2015 Certified



November 2021

# ADD ON /CERTIFICATE PROGRAMS

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### **1.2.2: Number of Add on /Certificate programs offered during the last five years**

Add-on Courses is a unique scheme to add on skills and increase employability and entrepreneurship among students pursuing conventional courses. Add-on programs, which, as the name suggests, allow students to supplement degree programs with shorter, practical and industry-focused certificate and diploma programs.


The Certificate/ Diploma/ Advance Diploma course is open for regular students of the Institute. Various add on courses are conducted by the respective departments for the students. The objective of the same is to create awareness among students about various facets of entrepreneurship as an alternative career option.

To bridge the curriculum gap as per the requirement of industry, add on courses are conducted for the students. These value added courses which supplement the primary course that students pursue are based on job oriented, skill development, etc.

## Add-on Course - I

Date :- 08/06/2020

To  
The Principal,  
SSBT COET,  
Jalgaon.


Permitted -  


Subject:- Permission to conduction the online workshop on Awareness Program on MATLAB in Online Mode.

Respected sir,

Department of E&TC engineering under ISTE student chapter would like to organize the workshop on Awareness Program on MATLAB in Online Mode for the students between 12/06/2020 to 16/06/2020. In this regards give your permission to conduct the above mentioned programme in online mode.

Thank you

  
08/6/20

Dr. S. R. Surlkar  
Professor and Head  
E&TC Department



## Department of Electronics and Telecommunication Engineering

Matlab Awareness Program

Conducted Online

Conducted between 12 June to 16 June 2020

Total Number of Participant -540

Organising Committee

Dr. S. R. Suralkar Professor and Head of E&TC Department

Dr. Navneet K. Patil Chairman ISTE Student Chapter SSBT COET Jalgaon

Dr. P. H. Zope Assistant Professor E&TC Department

Mr A. H. Karode Assistant Professor E&TC Department



SSBT's College of Engineering and Technology, Bambhori, Jalgaon

**Department of Electronics and Telecommunication Engineering**

**Invitation sent on whatsapp**

Awareness Matlab on Program in Online Mode

Greetings for the day !

Department of Electronics and Telecommunication Engineering, SSBT's College of Engineering and Technology, Bambhori, Jalgaon Maharashtra, is organizing MATLAB Awareness Program in online Mode from 12<sup>th</sup> June to 16<sup>th</sup> June 2020

Registration Link:

<https://forms.gle/gXR4r8NLDiCatx3R8>

Last date of Registration: 06/06/2020

Confirmation to the participants: 08/06/2020

Selection will be done based on First-Come-First Serve basis.

No registration fee for Program

Thanks and Regards.

Convenor

Dr. S. R. Suralkar

HOD, E&TC Department.

SSBT COET, Bambhori, Jalgaon.

Coordinator

Dr. P. H. Zope

Assistant Professor

SSBT COET, Bambhori, Jalgaon.

9860631040

NOTE: After getting registered do not forget to join the whatsapp group where we will post the regular updates of the Program and Communicate with you.

JOIN HERE:

WhatsApp link: <https://chat.whatsapp.com/BEk9gUH6iXMAb1cZTMmJdO>

- The FCN Block
- Construction of Subsystems
- Interaction with MATLAB
- Transfer of Variables between
- Simulink and MATLAB
- Iteration of Simulink Simulations in MATLAB
- Transfer of Variables through Global Variables
- Dealing with Characteristic Curves



Dr. P. H. Zope  
Course Coordinator

- Debugging M-file
- Calling functions
- Writing functions
- Basic Input Output Functions
- Data import & export
- Text files & excel Sheets

## MATLAB Editor and Debugger

- Editor Functions
- Debugging Functions
- Symbolic Calculations with the Symbolic Toolbox
- Symbolic “Auxiliary Calculations”

## Graphics

- Introduction to graphs & plots
- Different type of plot designing
- 2D & 3D plots
- Scientific data based plots
- Plot editing & handling
- Plotting Images

## Graphical User Interface (GUI) Designing

- Introduction to GUI
- GUIDE tool
- GUI Designing
- GUI programming
- GUI interfacing
- Executable files designing

## Introduction to Simulink

- What is SIMULINK?
- Operating Principle and Management of Simulink
- Constructing a Simulink Block Diagram
- Parameterizing Simulink Blocks
- Simulink Simulation
- Solving Differential Equations with Simulink
- Simplification of Simulink Systems

- One dimensional plots
- Two dimension plots
- Three dimension plots
- Flow control Commands
- IF statements
- While Statements
- For Loops

### User defined functions

- Creating functions in MATLAB environment
- Calling functions
- Executing functions

### Functioning and use of predefined functions

- Study of various predefined functions of MATLAB
- GUI development
- Need of GUI
- Creating GUI
- Interfacing of MATLAB script and GUI

### External Interfaces (serial Port)

- Interfacing the MATLAB script to the real world through RS232
- Study of commands required to send / receive data through serial port
- Develop an application for interfacing external hardware to the PC through MATLAB.

### The MATLAB Desktop

### MATLAB Help

### MATLAB Programming

- MATLAB Procedures
- MATLAB Functions
- MATLAB Language Constructs
- The Function eval
- Function Handles
- Solution of Differential Equations
- M-File editing



# Awareness Matlab on Program in Online Mode

## Course Content and Syllabus

### Awareness Program on MATLAB Course Contents

- Introduction to MATLAB
- What is MATLAB?
- Elementary MATLAB Constructs
- MATLAB Variables
- Arithmetic Operations
- Logical and Relational Operations
- Mathematical Functions
- Graphical Functions
- I/O Operations
- Import Wizard
- Special I/O Functions
- The MATLAB Search Path
- Elementary Matrix Manipulations
- More Complicated Data Structures
- Structures
- Cell Arrays
- Definition of Cell Arrays
- Access to Cell Array Elements

### How to deal with Matrices and Arrays in MATLAB

- Vector in MATLAB
- Matrices in MATLAB
- Methods of accessing Matrix Elements

### Creating Scripts in MATLAB

- Matrices operations
- Addition, subtractions of matrices of n numbers rows and columns
- Multiplication of Matrices of nxm and mxn row column.

### Plotting Commands

## Department of Electronics and Telecommunication Engineering

Matlab Awareness Program

Registered and Conducted Online

Conducted between 12 June to 16 June 2020

Total Number of Participant -540

Unique ID	Name of the participants
1	Aadesh Devidas Patil
2	Aarati Dattatraya Gavande
3	Aashi jain
4	Aashish Anil Mandore
5	Aayushee Ghanshyam Kamble
6	ABHIJIT BISWAS
7	Abhishek dattatray javkar
8	Abhishek kopul
9	Abhishek Padmakar Narkhede
10	Abhishek Singh Baghel
11	Aditi Jain
12	Aishwarya Dhote
13	Aishwarya Dipak Jogi
14	Ajay Patil
15	Ajay Vijaykumar Gupta
16	Akshata Harish Badgujar
17	Akshay B. Narkhede
18	AKSHAY GAJANAN THAKARE
19	Alane Madhukar Shesherao
20	Alister Rebello
21	AMALRAJ VICTOIRE T
22	Amit Navinchandra Patel
23	AMITA GAUTAM
24	Amod Girish Khandelwal
25	Amodkar Chetan Vijay
26	Amol Sanjay kadte
27	Amruta Pingale
28	Anagha Chaudhari
29	Anant Wasudeorao Nemade
30	Anil Rajendra Chinchawade
31	Anil Raju Mali
32	ANKIT RAKESH KUMAR PATHAK
33	Ankita Mohan Shinde
34	Anmol prakash kapadane
35	Ansari Rehan Ahmed Mohammed Taufique
36	Ansari saif Ali Ali Ahmed
37	Anupama Gour
38	Anupriya Anil Bansodkar
39	Anurag Kamalsingh Gahalod
40	Anusaya Vyankat Mugale
41	Apurva shrikant Dusane
42	Archana Gajanan Dhakare
43	Arti Mahendra Bhame
44	Aryan Pradeep Katiyar
45	Asawari Harish Patil
46	Ashish Shivkumar Utage
47	Ashutosh Patil
48	Ashwini Bajirao kapse
49	Ashwini dnyaneshwer kakde
50	Ashwini Sanjay Holkar
51	Asi Khandelwal
52	Atish Kharsan
53	Avani Mahendra Pandit
54	Avinash Rajendra Patil
55	Bhagyashree bhikan patil
56	Bhagyashri Rajkumar pawar
57	Bhagyashri Sanjay Zope
58	Bhairavi Pravin bhole
59	Bharati Anil Vairalkar
60	Bhavana Krishna Patil
61	Bhavanjali Milind Bimbe
62	Bhavesch vikas chavan
63	Bhavsar Yash Rajendra
64	Bhushan Chandrakant Behede
65	Bochare Mahesh Kantilal
66	Chaitra Panat
67	Chanchal kashyap
68	Chandarika Sharma
69	CHARUSHILA YADAV DHANDE
70	Chetali Asaram Bhirud
71	Chetan Ashok Thakur
72	CHETAN BHOJU CHAVAN
73	Chetan patil
74	Chetan Sonawane
75	Chetan thakur
76	Darshana Anil Chaudhari

77	DEVEN SAMBHAJI NAIK	118	Dr. SANJAY N. Patil
78	Deven Sanjay Mahajan	119	Dr. Vidya A
79	Devendra Nitin Wani	120	Dr.Dhananjay R.Dolad
80	Devendra Shamarao Mahajan	121	Dr.R.Kurinjimalar
81	Deveshri Bharat Kolambe	122	Dr.Ram Keshavrao Kanhe
82	Dhananjay	123	DR.SHRIKANT ULHAS CHAUDHARI
83	Dhanesh Subhash Patil	124	Ektashantaramfegade
84	Dhiraj Ajay Isane	125	Full Name
85	DHIRAJ KESHAVRAO BHANDARKAR	126	Gaikwad Vishal Maroti
86	Dhirajkumar Madhukar Suryawanshi	127	Ganesh Gulabrao Bhadane
87	Dhivya. M	128	Ganesh Sudhakar Jagushte.
88	DHRUV SANJAY DEORE	129	Gaurav Narayan Deshpande
89	Digrale Harshada Chaturlal	130	Gaurav Ramdas Patil
90	Diksha Sanjay Suryawanshi	131	Gauravi Katole
91	Dineshkumar U Adokar	132	GAWANDE TEJAS SANTOSH
92	DIPAK DEVCHAND BAGE	133	GHANSHYAM JANARDAN TIWARY
93	Dipali Ashok Avhad	134	Girase Sham Sahebrao
94	Dipti Ankush Patil	135	Girase Vishakha Bhatasing
95	Dipti Jigar Karani	136	Girija pramod lele
96	Dipti Vikas Patil	137	Girish Narendra phalak
97	Divyendu Hemant Patil	138	Girish satish khairnar
98	Diya Jain	139	Gopal Badgujar
99	Dnyanda Sharad mahajan	140	harshal chandrakant chaudhari
100	DNYANESH BALU LOHAR	141	Harshal Devidas patil
101	Dnyaneshwar Ramchandra Patil	142	Harshal Narendra Apte
102	Dnyaneshwar Ramnath Bambarde	143	Harshal rajendra vispute
103	Dnyaneshwat Prakash Dhangar	144	Harshal Subhash Rane
104	Dr A DEVENDRAN	145	Harshali Sunil Nikam
105	Dr Bhoopendra Nath Gupta	146	Hemangee Anil Ghuge
106	Dr Dipak Patil	147	Hemansh Thakur
107	Dr Manish Dixit	148	Hemant Ashok Hadape
108	Dr Mohammed Abid Ali	149	Hemant Rajendra Nehete
109	Dr Punit Shrivastava	150	Hemlata Ratanlal Tak
110	Dr Sanjay Asati	151	Himanshu Nikhil Mukhedkar
111	Dr. Capt.sanjay Singh kushwah	152	HIRAL RAJKUMAR NARKHEDE
112	Dr. K.P.Adhiya	153	HITESH NITIN JADHAV
113	Dr. Madhuri Asati	154	Hitesh Suresh Deore
114	Dr. NAMDEV DEVIDAS PERGAD	155	Hole Suraj Tulshiram
115	Dr. Narendra Sukhadeorao Wadatkar	156	Indrayani Rajendra Birhade
116	Dr. Neeraj Kumar Rathore	157	Iram rahmat kadri
117	Dr. Sachin Nagorao Waghmare	158	Itisha sharma

159	J. MANOJ KUMAR.	200	MAHENDRA RAJENDRA BAGUL
160	JADA NAGESWARARAO	201	Mahesh Pratap Kanhere
161	Jadhav Manas Jitendrasing	202	Maheshkumar Patil
162	Jagdish Prajapat	203	Maheshwari R Patil
163	Jagruti Rajendra Patil	204	Mahima Anil Patil
164	Jay Mehta	205	Mahima Chaurasia
165	JAYESH YOGIRAJ BORASE	206	Malagonda. Sivakumar
166	Jayshree Subhash Sapkale	207	Mamta Vasudeo Payil
167	Jayshri Sanjay Patil	208	Manasi Vitthal Attarde
168	Jayshri Sudam Shitre	209	MANESH KAKASAHEB PAWAR
169	Jitendra Chaudhari	210	Mangesh Gaikwad
170	KAILAS	211	Manish Ananda Patil
171	Kajal Pandey	212	Manish Rajendra Chaudhari
172	Kalpana sukadeo ingale	213	MANOHAR M. GAYAKWAD
173	Kalpesh Bhagwat Nikam	214	Mansi jain
174	Kalyani Bhatu Patil	215	Mansi Rajendra Pande
175	Kanchan Ishvar suryawanshi	216	Mansi Sanjay Ghodke
176	Kartik sonal zavar	217	Mayur Khangar
177	Karuna kumwat	218	Mayur macchindra pawar
178	Kaustubh Subhash Sawant	219	Mayur Patharvat
179	KEDAR PRAKASH YEOLE	220	mayur wankhede
180	Khan Huzaifa	221	MAYURESH ARVIND PATIL
181	KHAN SADIQUE ABDUL HAMID	222	MEGALAN LEO L
182	KHANDELWAL PRAMOD GIRISH	223	Meghana Gajanan Supe
183	Khishat dhanraj sonawane	224	Milind Rane
184	Kiran gangadharrao daf	225	Milind Ravindra Patil
185	Kiran Prakash Dhandare	226	Minakshi Ravindra Pawar
186	Kiran shekhar chaudhari	227	MINAL DHANRAJ PATIL.
187	Kumbhar Kajal Ishwar	228	Miss. Ashwini Prakash Meshram
188	Kunal Chaudhari	229	Mithun Patil
189	KUNAL JOHARLAL PARDESHI	230	Mohammad Rashid
190	Kunal patil	231	Mohammad Shakir Mohammad Shaban
191	Kunal Rajendra sulakshane	232	Mohini Dnyaneshwar Jadhav
192	Kunal Thorat	233	Mohit Meghshyam Chaudhari
193	Kundan Sunil Patil	234	Mohit Sunil Patil
194	Lalit Kumar Bhawsar	235	MOMIN RIZWAN AHMED JAMEEL AHMED
195	Laxman Mariba Bhojewar	236	MR KIRAN BABAJIRAO SALUNKE
196	Laxmi Mahadev Bhatkar	237	Mr. Dilip Ramkrishna Rangari
197	Leena Liladhar Patil	238	MR. GAJANAN UTTAM PATIL
198	Lenin SB	239	Mr. Gaurav Yashwant Tawde
199	Lokesh Sanjay Mahajan	240	Mr. Naveen Kumar

241	Mr. Vijaykumar Sidramappa Biradar	282	Pankaj Patil
242	Mrs. Ashwini Sujit Yadav	283	Pankaj Ramesh Ambilduke
243	MRS.DEVANGI.J JAIN	284	Pankaj Rangarao Patil
244	Ms. Girija Mansing Anuse	285	PANKAJ SHRAVAN WAGH
245	Mudita Jain	286	Parag Bhalchandra Musale
246	Muskan Sushil Mandhan	287	parag bhatu patil
247	Nachiket Devidas Nerkar	288	PARAG MANOJ SARAF
248	Nadeem Akhtar	289	Parag narayan sutare
249	Nairuti Mehta	290	Pardhi Renuka Rameshvar
250	Naman Shah	291	Pasumarthi Harsha vardhan
251	Namrata Jagadish deore	292	Patil Abhishek bhaskar
252	NANDKISHOR CHHAGAN PATIL	293	Patil Manoj Rajan
253	Nandlal Dnyaneshwar Patil	294	PATIL SAKSHI RAJESH
254	Narendra Gokul Patil	295	PATIL SHUBHAM PRALHAD
255	Narottam dutt upadhyay	296	PATIL VISHNURAM SOPAN
256	Navnath Dnyanoba Kakde	297	Pavan Bhagwan Gite
257	Nayana Ramesh Patil	298	Pavan Chandrakant birari
258	Neha dilip Mahajan	299	Pavan Santosh Dandge
259	NEHA KHARE	300	pavan sunil chaudhari
260	Neha Onkar Patil	301	Pawar Nitin Suresh
261	Neha Shailendra Mandage	302	PAWARA ROHIDAS LULA
262	Neha soni	303	PAWARA YOGESHWAR PRATAP
263	NEHA VALMIK LADE	304	Payal anil jagtap
264	Nikhil Chandrahas Khadke	305	Payal Jitendra Bhosale
265	Nikhil Pramod Rane	306	Payal R. Narvekar
266	Nikita Dilip Patil	307	Piyush Dinesh Zawar
267	Nikita Shirish Bhangale	308	Pooja Arun Aswar
268	Nilesh Babu Mahajan	309	Pooja Laxman shinkar
269	NILESH BIND	310	Pooja Mahajan
270	NILESH KAUTIK DESALE	311	Pooja santosh mali
271	Nilesh Khadse	312	Pooja vilas Dhavale
272	Nilesh Vilas Sapkal	313	Pooja Vitthal Gavande
273	Nimisha dilip jaypatil	314	Poonwm Dnyaneshwar Jagtap
274	Nirmalkumar Bharat Sonawane	315	Prachi Subhash Patil
275	Nisha Rajendra Patil	316	Pradeep Mohansingh Solanki
276	Nitin A. Sutar	317	Prajakta hiralal patil
277	Pallavi Satao	318	PRAJAKTA PRABHAKAR PATIL
278	PALLETI VENKATA KUSUMA	319	Prajwal Nanabhau Khaire
279	Pande Amareshwar Manohar	320	Prakash Mahindra Gaikwad
280	Pankaj Divakar Mahajan	321	Pranjali Rajendra Bhutada
281	Pankaj Jadhav	322	Prankit Pralhad Patil

323	prasad	364	Rashi Rajesh Kabara
324	Prasad Junnarkar	365	Ravi Bhaskar Kalyankar
325	Prashant Pralhad Kharche	366	Ravindra Radhakrishna Joshi
326	PRASUN SANKI	367	Renuka chandrakant sapkal
327	Prathamesh Ganesh Choudhary	368	Reshma Baban Shinde
328	Pratibha Manohar Nimbolkar	369	Richa Pandey
329	Pratik Sharad Chirmade	370	RIHANA JAMADAR
330	Pratik Tukaram Patil	371	Rinisha Bagaria
331	Pratilsha Sudhakar Tayade	372	Rita Pradip patil
332	Prayag Jaywant Vishe	373	Ritesh Adhikar Borase
333	Preeti Yadav	374	Ritesh Suresh Borole
334	Prerana patil	375	Ritik Anilkumar Chaurasiya
335	Prerana Satish Patil	376	Rohan prakash Motipawale
336	Priti Ramesh Sharma	377	Rohan Rajendra Musale
337	Priya Sanjay Bichave	378	Rohankumar Prabhakar Patil
338	Priyadarshini Sopan Patil	379	Rohit Ankush Patil
339	Priyanka Avinash Patil	380	ROHIT RAJENDRA PINGALE
340	Priyanka Kamalakar Bhole	381	Rohit yuvaraj borase
341	Priyanka Karjal (Panji)	382	ROSHAN KADOBA CHAUDHARI
342	Priyanka Suresh Deore	383	Rucha Sharad Chaudhari
343	Prof P.D.Kulkarni	384	Ruchi jayaswal
344	Prof. Padmashri V Balikayi	385	Rupali Janardhan Sonawane
345	Prof. Pankaj P. Awate	386	Rupesh naik
346	Prof. Pornima N. Marawar	387	Rutuja Bonde
347	Puja dagadu jogi	388	Rutuja Chandrakant Patil
348	Punam Santosh Gangatire	389	S.Jayanthi
349	PUNDLIK NIWRUTTI PATIL	390	S.Pushparaj
350	Pushpak Samadhan Lule	391	S.Yogalakshmi
351	Rahmani Naveed Akhtar	392	Sachin Dattarao Dorale
352	Rahul Bharat Sagar	393	Sachin nitin puranik
353	Rahul Mahadev Dhakne	394	SADANAND DADU HARALE
354	RAJA GURU B	395	SADDAM HUSAIN
355	RAJASHRI SANJAY PATIL	396	Sagar Dattatray Shimpi
356	Rajat Bhise	397	Sagar Joshi
357	Rajesh Tryambakrao Aghao	398	Sagar Patil
358	Rajeshwari Ravindra Misar	399	Sahil Kailas Dhawale
359	RAJINDER KUMAR	400	Sahil yashwant kamble
360	Rajkumar Rajoria	401	Sakshi pradip jaiswal
361	Rajput Satpalsing Devising	402	Salomi R Marak
362	Rajshree uttam Kakade	403	Samiksha Atul lathi
363	Ranjan Bala Jain	404	Samruddhi shirish patil

405	Sandip Shankarrao Patil	446	SHUBHANGI SHIVAJI PAWAR
406	Sanjana Gangasagar	447	Shubhangini Ganesh Patil
407	Sanjana manoj Kabara	448	Shveta Sandip Garud
408	Sanjay Sadashio Gharde	449	Shweta Samratsingh Parihar
409	Sanket Dattusing Patil	450	Shweta Sunilkumar Patil
410	Sanket Devidas Patil	451	SHYAM SUNDER KARMA
411	Sanket Umesh Shrawagi	452	Siddharth Madabhavi
412	Santoshchand Ramdayal Agrawal	453	Siddhesh Arvind Solanke
413	Sarika suresh shelake	454	sivachandra k
414	Sarita Pritesh Jain	455	Sohan M. Patil
415	SATSWARUP BABASAHEB NAGTILAK	456	Sohan Rane
416	Saurabh Anil Talele	457	SONAR VINAYAK GAJANAN
417	Saurabh bharat panpat	458	Sourabh Sharma
418	Saurav Bawaskar	459	SOVANJIT MOHANTY
419	SAURAV SANJAY GHODKE	460	SSBT COET's, jalgaon
420	Sayali Dhake	461	Sudeshana pandit torawane
421	Sayali Hemant Patil	462	Sumit Kailas Dasare
422	Sayyad shadab sayyad naim	463	Sumit Rajendra Patil
423	SHAHID ALI ISHTIYAQUE AHMED	464	SUNIL KISHOR KHODE
424	Shaikh Shaker Shamad	465	Sunil Lodha
425	Shaikh Umer Aif	466	Supriya Pramod Khapre
426	Shailaja Anil Chaudhari	467	SURABHI SUSHANT SAWANT
427	Shankar Raghunath Patil	468	Suraj chandrakant chandankar
428	SHARAYU MAHENDRA BANAIT	469	Suraj kailas khedkar
429	Shiju Samuel	470	Suresh Ashok Annadate
430	Shilpa Anjan	471	Sushma S. Gadekar
431	SHIVAM BHASKAR KASTURE	472	Suvarna Rajendra Patil
432	Shivam Dongre	473	Suyash Prafulla Patil
433	Shivam Mishra	474	Swastik Banerjee
434	Shobha Lolge	475	Swati Hemant Shinde
435	Shraddha hemantkumar sonawane	476	Sweety Vitthal Dhole
436	Shradha Dubey	477	Syed shoebuddin syed shoebuddin
437	shreya kiran mahajan	478	Tanay Sharad Bhandarkar
438	Shreya Pratap Yadav	479	TANMAY ANIL SANGHVI
439	Shruti Bipin Pathar	480	Tejas Galu Patil
440	Shruti Nitin Chaudhari	481	TEJAS KOSHTI
441	Shruti Ravindra Mali	482	Tejas Madanlal Joshi
442	Shrutika Sunil Shahu	483	Tejas sachin bhole
443	Shubham Anil mandlik	484	Tejashri Avinash Narkhede
444	Shubham Rajendra Patil	485	Tejaswini Ganesh Patil
445	Shubham Sharma	486	Tejaswita Sanjay Patil

487	Trupti Prabhakar Suryawanshi	514	Vijay Magan Patil
488	Trupti Rajendra Patil	515	Vikas Kaluram Koli
489	Tushar Shreekant Chaudhari	516	Vikas Somankar
490	Tushar Suresh Magare	517	Vikrant Satish Patil
491	UDAY MAHENDRA KULKARNI	518	Vina Khairnar
492	Uddesh more	519	Vinit santosh surve
493	Umakant Babu Jadhav	520	Vishal bhagwan Jadhav
494	Umesh Prakash Thakur	521	VISHAL BHARAT JAVARE
495	Upendra R Saharkar	522	Vishal Chaudhary
496	Utkarsh Kamalakar Pawar	523	Vishal dilip bharambe
497	Utkarsha Ravindra Dhande	524	Vishal Sanjay Gorade
498	Vaibhav ajay deore	525	Vishal Sharad Amodkar
499	Vaibhav Sanjay Bichave	526	Vishal Sitaram Sambre
500	Vaibhav Satish Bharambe	527	Vishwajit Gopichand Rajput
501	Vaibhav Suryakant Kasar	528	Vishwambhar Ganeshrao Joshi
502	Vaishnavi Anil Talele	529	Vivekanand Dattatray Gund
503	Vaishnavi ashok Patil	530	Vrushali Jagannath Baisane
504	VAISHNAVI ASHOK PATIL	531	VSKV Harish
505	Vaishnavi Bhausaheb Pakhare	532	Walmik Dharmaraj Patil
506	Vaishnavi kishor Mahajan	533	WALSA EBENEZER E
507	Vaishnavi Sanjay Nerkar	534	Yamini jadhav
508	Varalakshmi sudha	535	Yatish Subhod Gujarathi
509	Varsha S Tandale	536	Yogesh Ramchandra Thakur
510	Veeresh kumar S	537	Yogita
511	VEMPALLERAFI	538	Yogita Manohar Hiwale
512	Vijay Bhagawan Nerkar	539	YUGENDRA VILAS NARKHEDE
513	Vijay Dattatray Chaudhari	540	Yuvraj Jayalal Chavan



**Dr. P. H. Zope**  
Course Coordinator



**Dr. S. R. Suralkar**  
H.O.D.E&TC



***SSBT's College of Engineering & Technology, Bambhori, Jalgaon***

Date: 20-06-2020

**Completion report of Awareness Program on MATLAB conducted by Department of  
E&TC under ISTE student chapter in online mode**

The Department of E&TC under ISTE student chapter conducted successfully the five days Awareness Program on MATLAB between 12/06/2020 to 16/06/2020.

We have around 540 Participant who have registered and joined for this program from different states of India. In this program we have used whatsapp groups medium to provide the daily assignment based on MATLAB, study material, books and youtube video along with Url link so the student can watch the video and do the practical based on the given assignment as well as quiz is conducted based on the given study material through the online google form link.

Er. N. K. Patil, Chairman of ISTE student chapter SSBT's COET., taken lot of initiative to conduct and organize the program in online mode in the pandemic situation. He also supports us in the preparation of Quiz google form link, editing of video, sharing of notes etc.

Er. A. H. Karode prepared the quiz result and certificates; also he communicated many students from the different region of the state and other state to solve their practical difficulties and problem.

Dr. P. H. Zope conducted the Awareness Program on MATLAB course objectives and all five days video, assignment, study material and provided collection of online books and URL link among the student groups.

I especially very much thankful to our Head of the Department Dr. S. R. Suralkar, his continuous support for the organizing and conduction of programme.

I am very much thankful to Chairman Governing Body Hon'ble Shri Raosaheb Shekhawat, who has been the driving force behind the whole process and that's why I complete this programme in online mode successfully.

I would like to express my sincere thanks and convey my gratitude towards Dr. K. S. Wani Principal and Dr. S. P. Shekhwat, Vice Principal of our Institute who has given us inspiration and all necessary support time to time for organizing this program and providing such platforms to enhance our technical knowledge and skills.

Thanking you



Dr. P. H. Zope  
Coordinator  
Assistant Professor, E&TC Deptt.

## Add-on Course - II

4.3 Uses of GUI Components

### 5. Introduction to ADO.NET


5.1 Introduction to ADO.NET

5.2 Working of ADO.NET

Conducted By

- 1) Mr. Rohidas B. Sangore
- 2) Ms. Sana M. Deshmukh


  
Head of the Department (IT)  
Dr. Archana K. Bhavsar

<b>SSBT's College of Engineering and Technology Bambhori</b>
<b>Department of Information Technology</b>
<b><u>Addon Course Syllabus on C#.NET</u></b>

## **Contents:**

### **1. The .NET framework.**

- 1.1 Introduction to .NET framework.
- 1.2 Structure of .NET framework

### **2. C# as language**

- 2.1 Introductions to C# .NET
- 2.2 Advantages & Disadvantages of C#
- 2.3 Programming Structure of C#
- 2.4 Basic Constructs – Variables, Data types, Operators, arrays, functions
- 2.5 Control Statements (if statement, if....else statement, nesting of if....else statement, the else if ladder, switch statement), Looping Construct (while statement, do statement, for statement)

### **3. Object oriented programming in C#**

- 3.1 Class and Object
- 3.2 Constructors and Destructors
- 3.4 Inheritance
- 3.5 Interfaces
- 3.6 Access modifiers: Public, Private, Protected,
- 3.7 Polymorphism
- 3.8 Overloading and Overriding
- 3.9 Sealed Class

### **4. Windows Application on C#.NET**

- 4.1 Introduction to GUI Programming
- 4.2 GUI Components/Controls

- 7.1 Extract rows or columns from a data frame
- 7.2 Create a subset from a data frame
- 7.3 Retrieve data using double square brackets

## 8. Creating Matrices using Data Frames

- 8.1 Convert a data frame into a matrix
- 8.2 Create a matrix in R
- 8.3 Perform basic operations on matrices

## 9. Operations on Metrics & Data Frame

- 9.1 Perform operation on matrices
- 9.2 Add rows and columns to a data frame

## 10. Merging & Importing Data

- 10.1 Use built-in functions for exploring a data frame
- 10.2 Merge two data frames
- 10.3 Import data in different formats in R

## 11. Data Types & Factors

- 11.1 Find types of vectors
- 11.2 Identify categorical variables
- 11.3 Use factor and levels function

## 12. Lists & its Operations

- 12.1 Create a list in R
- 12.2 Access the elements of a list
- 12.3 Perform indexing on lists
- 12.4 Combine two lists

## 13. Plotting Histograms & Pie Chart

- 13.1 Plot histograms
- 13.2 Plot pie chart
- 13.3 Save plots

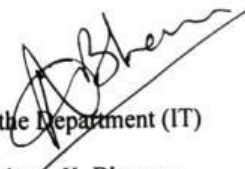
Conducted By

- 1) Mr. Nitin P. Jagtap
- 2) Ms. Dhanshri G. Sapkale



Head of the Department (IT)

Dr. Archana K. Bhavsar



<b>SSBT's College of Engineering and Technology Bambhori</b>
<b>Department of Information Technology</b>
<b>Addon Course Syllabus on R Language</b>

## **Contents :**

1. Introduction to R language
  - 1.1 Install R version 3.6.1
  - 1.2 Install RStudio version 1.1.463 on Windows 10
  - 1.3 Open RStudio interface
  - 1.4 Install packages
2. Introduction to Basics of R
  - 2.1 A few elementary operations
  - 2.2 Introduction to plotting
  - 2.3 Introduction to help
  - 2.4 URLs and books on R and RStudio
3. Introduction to Data Frame in R
  - 3.1 We created vectors
  - 3.2 We Put the vectors into a data frame
  - 3.3 We operated on the data frame
  - 3.4 We saved the data frame into a file
  - 3.5 Imported the file into R
  - 3.6 Examined the data frames that came with R
4. Introduction to R Studio
  - 4.1 Introduction to R studio
  - 4.2 How to install packages of R
5. Introduction to R Script
  - 5.1 How to create, save and run an R script
  - 5.2 How to work with an R script in R Studio
6. Working Directories in R Studio
  - 6.1 Working directories in RStudio
  - 6.2 How to read and store csv files in R
7. Indexing and Slicing Data Frame

## Brief Report

Topic: Addon Course on C#.NET, Python, R language

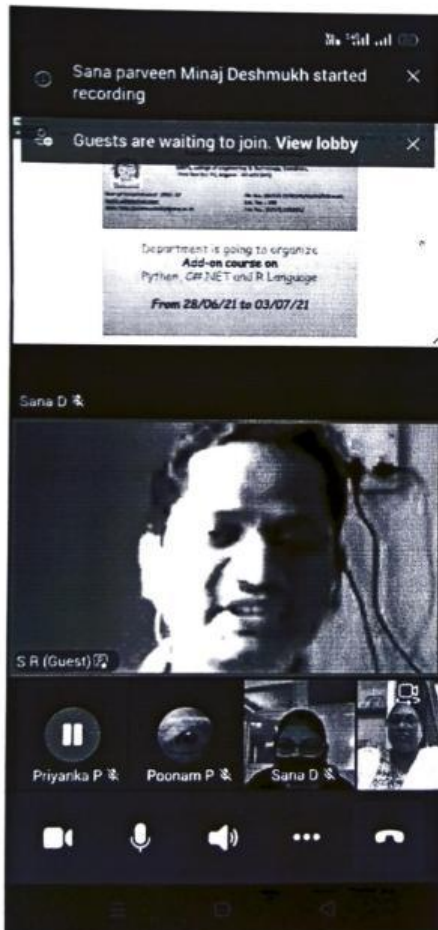
Aim: To enhance the technical skill for students.

Date: 28/06/2021 to 03/07/2021

No. of Participants: 97

Venue: IT Department

Platform: Online





**Department of Information Technology**  
SSBT's, College of Engineering & Technology, Bambhori,  
Post Box No. 94, Jalgaon - 425001 (MS)

Year of Establishment: 2001- 02  
Email: hodit.sbt@gmail.com  
Web: <http://www.ssoetjalgaon.ac.in>

Ph. No. : (0257) 2258391/93/94/95,  
Ext. No. : 348  
Fax No.: (0257) 2258392

Date : 25/06/21

## NOTICE

### Add-On Course

All the TE IT and BE IT students are hereby informed that department is going to organize Add-On course in view of enhancement of technical skill which consist of Python , C#.NET and R' Language. It is compulsory to all Students attendance will be recorded in each session. This course is of five days and 30 hours. The schedule is as follow:

Sr. No	Topic	Name of Faculty	Date	Time
1	Basic Python	Mr. S. H. Rajput and	28/06/21	11.00 AM to 1.00 PM and 2.00 PM to 5.00PM
2		Ms. D. S. Patil	29/06/21	
3	C# .net	Mr. R. B. Sangore and	30/06/21	
4		Ms. S. M. Deshmukh	01/07/21	
5	R Language	Mr. N. P. Jagtap and	02/07/21	
6		Ms. D. G. Sapkale	03/07/21	

So all are instructed to attend all the session and take benefit.



*Asham*  
HOD 25/6/21


Vision : To develop technocrats as per industry technical needs and social values.

Mission : To provide conducive environment to impart technical knowledge through teaching, self learning and skill development programme to stand out in competitive world.

38	MINAL DHANRAJ PATIL	2	100
39	Narayan Purushottam Patil	0	0
40	Patil Narendra Gokul	0	0
41	Poonam Yuvraj Patil	2	100
42	PRAJAKTA HIRALAL PATIL	1	50
43	Priyanka Avinash Patil	2	100
44	Rahul Gopal Patil	2	100
45	RAJASHRI SANJAY PATIL	2	100
46	Sakshi Pravin Patil	2	100
47	Sakshi Sanjay Patil	0	0
48	Sanket Pradip Patil	2	100
49	Shital Sanjay Patil	1	50
50	Tejaswini Rajendra Patil	1	50
51	Sachin Nitin Puranik	2	100
52	PIYUSH RAJKUMAR SAHU	2	100
53	Vishal Sitaram Sambre	2	100
54	Nilesh Vilas Sapkal	2	100
55	Saurav Ranjan	2	100
56	Sanket Umesh Shrawagi	1	50
57	Aditi Mahendra Sonawane	2	100
58	Kanchan Ishvar Suryawanshi	2	100
59	Hemlata Ratanlal Tak	1	50
60	Akash Prakash Temkar	2	100
61	Umesh Prakash Thakur	2	100
62	Vinay Ravindra Thombare	2	100
63	Bharati Anil Vairalkar	1	50
64	Tejasvi Subhash Gunjal	1	50
65	Shaikh shariq Ab.Qayyum Pinjari	1	50
66	Pawan Ramchandra Pawar	0	0
67	Affan Shaikh Zubair	0	0
68	Mahendra Madhukar Patil	1	50
69	Fuse Pritam Suklal	0	0

Name of faculty

- 1) Mr. S. H. Rajput 
- 2) Ms. D. S. Patil 

  
Dr. A. K. Bhavsar  
HOD IT



**SSBT's COET Bambhori**  
**Attendance of Add-on Course**  
**Topic: Basic Python (Day 1)**

**Class: TE**

**Date:28-06-2021**

Roll NO	Name	Attendance of 2 sessions	% Attendance
1	Akshata Harish Badgujar	2	100
2	Jayesh Vitthal Bari	0	0
3	Mohit Shivdas Baviskar	2	100
4	Khilesh Vijay Bhangale	0	0
5	Janhavi Rajendra Bharambe	2	100
6	Vishal Dilip Bharambe	2	100
7	Samadhan Suresh Bhoi	0	0
8	Payal Jitendra Bhosale	2	100
9	Darshana Anil Chaudhari	2	100
10	Jagruti Prakash Chaudhari	2	100
11	Atharva Daideep Deshmukh	0	0
12	Punam Santosh Gangatire	1	50
13	Dhanashri Laxmikant Gorane	2	100
14	Mohini Dnyaneshwar Jadhav	2	100
15	Sakshi Pradip Jaiswal	2	100
16	Shivani Rajendra Kasar	0	0
17	Aryan Pradeep Katiyar	2	100
18	Mayur Subhash Khairnar	2	100
19	Sameer AMANULLAH Khan	1	50
20	Deveshri Bharat Kolambe	2	100
21	Neha Dilip Mahajan	2	100
22	Pooja Vinod Mahajan	2	100
23	SHAMAL BALU MAHAJAN	0	0
24	Rutik Akash Mahurkar	0	0
25	Saurabh Ram Mane	0	0
26	Shital Pramod Mate	2	100
27	Gauri Kailas Mundada	0	0
28	Harshali Sunil Nikam	1	50
29	PRAJWAL ARUN PARAKH	0	0
30	JAYDEEP PANDIT PARDHI	0	0
31	Shweta Samratsingh Parihar	2	100
32	Shruti Bipin Pathar	1	50
33	Amit Shriram Patil	0	0
34	Gayatri Rajesh Patil	1	50
35	Harshal Pandharinath Patil	1	50
36	Kalyani Bhatu Patil	2	100
37	Kundan Sunil Patil	1	50

- 23 MySQL Get Started
  - 23.1 MySQL Create Database
  - 23.2 MySQL Create Table
  - 23.3 MySQL Insert
  - 24.4 MySQL Select
  - 24.5 MySQL Where
  - 24.6 MySQL Order By
  - 24.6 MySQL Delete
  - 24.7 MySQL Drop Table
  - 24.5 MySQL Update
  - 24.6 MySQL Join

Conducted By

1) Mr. S. H. Rajput

2) Ms. Dimpal S. Patil

*Rajput*  
*Patil*

Head Of the Department(IT)

Dr. Archana K. Bhavsar

7	Python Inheritance
8	Python Iterators
9	Python Scope
10	Python Modules
11	Python Dates
12	Python Math
13	Python JSON
14	Python User Input
15	Python String Formatting
16	Python Built-in Functions
17	Python String Methods
18	Python File Handling
19	Python Read Files
20	Python Write/Create Files
21	Python Delete Files
22	Matplotlib Intro
22.1	Matplotlib Get Started
22.2	Matplotlib Pyplot
22.3	Matplotlib Plotting
22.4	Matplotlib Markers
22.5	Matplotlib Line
22.6	Matplotlib Labels
22.7	Matplotlib Grid
22.8	Matplotlib Subplots
22.9	Matplotlib Scatter
22.10	Matplotlib Bars

<b>SSBT's College of Engineering and Technology Bambhori</b>
<b>Department of Information Technology</b>
<b><u>Addon Course Syllabus on PYTHON LANGUAGE</u></b>

## **Contents:**

1. Python Introduction
  - 1.1 Python Syntax
  - 1.2 Python Comments
  - 1.3 Python Variables
  - 1.4 Python Data Types
  - 1.5 Python Numbers
  - 1.6 Python Casting
  - 1.7 Python Strings
  - 1.8 Python Booleans
  - 1.9 Python Operators
2. Python Lists
  - 2.1 Python Tuples
  - 2.2 Python Sets
  - 2.3 Python Dictionaries
3. Loops in Python
  - 3.1 Python If...Else
  - 3.2 Python While Loops
  - 3.3 Python For Loops
4. Python Functions
  - 4.1 Python Lambda
5. Python Arrays

## Career Oriented Certificate Course

SSBT's College of Engineering and Technology, Bambhori, Jalgaon.

### Career Oriented Certificate Course Meeting

Ref. No. COET/588/06/21

Date: 21/06/2021

Minutes of Meeting of all Career Oriented Certificate Course Coordinators with Principal held on 21 June 2021 at 3:00 p.m. in the conference hall.

The following members were present for the meeting.

1) Dr. K. S. Wani	Principal
2) Mr. A. C. Wani	Coordinator
3) Mr. R. R. Patil	Office Superintendent
4) Dr. G. K. Patnaik	Course Coordinator
5) Dr. Dr. Mujahid Husain	Course Coordinator
6) Er. N. K. Patil	Course Coordinator
7) Dr. Vishal S. Rana	Course Coordinator
8) Dr. Nikhil Y. Ghare	Course Coordinator
9) Dr. P. H. Zope	Course Coordinator
10) Mr. M. Mujtahid Ansari	Course Coordinator
11) Mr. Jayant P. Parpalliwar	Course Coordinator
12) Mr. J. N. Kale	Course Instructor

Following are the Minutes of Meeting

- 1) Principal appraised the theory and practical's conduction of each course and informed the coordinators to complete the course theory, practical's, assignments, tutorials etc. up to 20 July 2021 and see that all students attendance should be as per required criteria.
- 2) The university exams (Theory/Practical) probably are in November/December 2021 either in offline mode or online mode as per the further instructions from university.
- 3) The students has to fill the exam form up to 10 July 2021 through the online Google form and has to pay the exam form fee of 240/- rupees online in the college account and has to upload its receipt in the Google form.
- 4) Mr. R. R. Patil will provide the college account number for the exam fees to be paid and Mr. A. C. Wani and Dr. G. K. Patnaik will create the Google form whose link will be forwarded to the students through course coordinators.
- 5) Principal instructed all course coordinators to submit the following records in one file consisting of following documents with signature of subject teachers and course coordinators.

Time Table,

**Paper 1, Paper 2 and Paper 3** Lesson Plan, Topics Covered, Attendance.

ISE1, ISE2, ISE3 Question paper with model answer, Mark Sheet and Attendance.

Project/Practical's/Assignments/Tutorial/Field Work/Case Study etc. records with sample copy.

Internal Marks of Paper 1, Paper 2 and Paper 3 in proper format.

6) Internal Marks format

Theory (40 Marks)

05 Marks (Attendance) + 10 (Home Assignments/Tutorial) + 25 (ISE) = 40

Practical's (40 Marks)

05 Marks (Attendance) + 05(Understanding) + 10(Practical Performance) + 10(Continuous Assessment) + 10(Oral) = 40

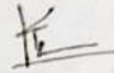
7) Mr. R. R. Patil will provide the course wise fees details of the students from account section within 03 to 04 days to each course coordinator so they can inform them to pay the remaining fees.

8) The ISE 3 of 10 Marks on unit 5 will be in the July 2021 whose date and schedule will be informed soon.

The Meeting ended with vote of thanks.



Mr. A. C. Wani  
Coordinator



Dr. K. S. Wani  
Principal

**PRINCIPAL**

SSBT's College of Engineering & Technology  
Bambhori, Jalgaon-425001(M.S.)

Copy to:

1) Principal Office

2) Vice Principal

3) Registrar

4) Office Superintendent

5) All Course Coordinators

6) All HODs.

*Shram Sadhana Bombay Trust's*  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
BAMBHORI, POST BOX NO.94, JALGAON – 425001.(M.S.)

Ref. No. COET/Meeting/ 802/08/21

Date: 23.08.2021

Minutes of the meeting of all Course Coordinators of Career Oriented Certificate Courses held on 21.08.2021 at 3.00 p.m. in the HoD Cabin, Department of Computer Engineering.

Following members were present.

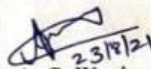
- |                              |                          |
|------------------------------|--------------------------|
| 1) Dr. G. K. Patnaik         | DOA & Course Coordinator |
| 2) Mr. A. C. Wani            | Coordinator              |
| 3) Er. N. K. Patil           | HoD & Course Coordinator |
| 4) Dr. Vishal S. Rana        | HoD & Course Coordinator |
| 5) Dr. V. R. Diware          | HoD / Course Coordinator |
| 6) Dr. P. H. Zope            | Course Coordinator       |
| 7) Mr. M. M. Ansari          | Course Coordinator       |
| 8) Mr. Jayant P. Parpalliwar | Course Coordinator       |
| 9) Mrs. Jyoti Mali           | Course Instructor        |

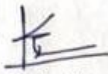
Following are the minutes of the meeting:-

- 1) Mr. A. C. Wani, COCC Coordinator, briefed the status of exam form filled by the enrolled students.
- 2) All the course coordinators briefed the status of completion & submissions of Paper – III. It is unanimously agreed to complete Paper – III, if remaining, up to 06 September 2021.
- 3) All the course coordinators are requested to submit, if not submitted, internal marks of Paper – I, Paper – II, and Paper – III up to 24 August 2021.
- 4) All the course coordinators are requested to submit following records / documents duly signed by concerned teacher, course coordinator & HoD on or before 11 September 2021.
  - a. Time Table
  - b. Lesson Plan, Topics Covered, Attendance of Paper – I, Paper – II, and Paper – III
  - c. ISE1, ISE2, ISE3 Question papers with model answer, Mark Sheet and Attendance.
  - d. Project/Practical's/Assignments/Tutorial/Field Work/Case Study etc. records with sample copy.
  - e. Submission records with attendance.
- 5) It is decided to conduct the external university exam (Practical / Oral) of Paper – III online on 13 September 2021 from 11:00 am onwards. The recording of the same is to be submitted to COCC coordinator along with hard copy of attendance and mark sheet up to 15 September 2021. Mr. A. C. Wani, COCC Coordinator, collected the names of examiners for the same.

- 6) As per the university guidelines, it is decided to conduct university theory exam of Paper – I on 08 October 2021 and Paper – II on 09 October 2021 from 11:00 am to 12:30 pm online. The online exam will be MCQ based through Google Forms. For each paper there will be 60 MCQs out of which students should answer any 40 MCQs.
- 7) The Google Form should be created by the concerned teacher / course coordinator / HoD and the link should be forwarded to the students on their official student's course group by concerned teacher / course coordinator / HoD as per the time table.
- 8) The sealed envelope of question papers with model answers should be submitted to Mr. A. C. Wani, COCC coordinator on 04 October 2021.
- 9) Course coordinator / HoD should submit the hard copy of Google response sheet and Mark sheet of Paper – I and Paper – II duly signed by concerned teacher, course coordinator & HoD to Mr. A. C. Wani, COCC coordinator, on 12 October 2021.
- 10) As per the directions of Principal, it is informed to all the course coordinators that in the absence of course coordinator the respective HoD of that department will look after the examination and other related work of their course.
- 11) Dr. G. K. Patnaik requested all coordinators to conduct submissions and exam of their course as per university guidelines.

The Meeting ended with vote of thanks.

  
Mr. A. C. Wani  
Coordinator

  
Dr. K. S. Wani  
Principal  
**PRINCIPAL**  
SSBT's College of Engineering & Technology  
Bambhori, Jalgaon-425001(M.S.)

Copy to:

1. All HoDs / Course Coordinators
2. Prof. (Dr.) S. P. Shekhawat, Vice Principal
3. Registrar / OS
4. Principal's office



**SSBT's COLLEGE OF ENGINEERING AND TECHNOLOGY BAMBHORI, JALGAON.**

Ref. No.: COET/COCC

Date: - 18/08/2021

### NOTICE

All the Career Oriented Certificate Course Coordinators/HOD are hereby informed to attend the meeting on 21 August 2021 at 3:00 pm in HOD Cabin, Department of Computer Engineering.. The agenda of the meeting is to review of the COCC term work/ Submissions and conduction of the examination.



Mr. A. C. Wani

COCC Coordinator

Cc to: 1) Vice-Principal

2) All HOD's

3) Office Supt.

4) Admission Section

5) COCC Coordinators

6) Principal office.