



STES's Sinhgad Institute of Technology, Lonavala Department Of Information Technology

Academic Year 2020 - 21

From the chair

Prof. R. S. Badodekar

Technology is compendium of techniques, skills, methods and processes which assists in the overall advancement of the human race. In this ever-changing world, technology is growing at a remarkable pace which had led to revolutionary changes. It gives me immense pleasure to write for the issue of this year's annual newsletter. It aims at widening the technical domain of students and provides a chance for their ideas to grow and flourish.



Prof. R. S. Badodekar

From the Editor's desk

Ms. V. P. Tonde

I would like to express my gratitude to our esteemed Head of Department Prof. R. S. Badodekar for entrusting me with the issue of this letter. This newsletter of SIT IT Department proffers the features about academic conductivity, proficiency of faculties and students. This is a forum for the department and students to educate the readers about the various aspects of Information Technology.



Ms. V. P. Tonde

Student Editor: INFOSIT Student's Forum

President :	Ujwal Gupta	Manager :	Kanchan Gagare
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DEPARTMENT OF INFORMATION TECHNOLOGY, SIT LONAVALA

• STP / FDP / Conference / Seminar / Guest lecture / Expert talks Attended/Organized/Delivered

Faculty Name	Particulars	Date
Mrs.Anuradha P Kulkarni	Attended Conference CIPCIS2020	18 th -19 th Feb 2021
Mrs.Anuradha P Kulkarni	Attended Conference RMDSTIC-2021	25 th -26 th Mar 2021
Mrs.Anuradha P Kulkarni	Attended Conference ICSA 2021	10 th April,2021
Mr. Ganesh M. Gaikwad (Convener) Ms. Vandana P.Tonde (Coconvener)	Organized 2 weeks Webinar Series on "IT-Learning 2020-Industrial approach towards learning IT domains",	1 st -14 th July,2020
Mrs.Anuradha P Kulkarni	Organized 1 week training program as " IT-Training-2020", "LaTeX, C & CPP and RDBMS"	27 th Jul-1 st Aug, 2020
Mrs.Anuradha P Kulkarni	Organized a Faculty Development Program on "Data Science"	8 th -13 th Feb,2021
Mrs.Pallavi P. Ahire	Organized a guest lecture on "Leadership and Personality Development"	31 st Oct 2020
Mrs.Anuradha P Kulkarni	Organized a guest lecture on "GRASP Design Pattern" for the final year engineering students	23 rd Sep 2020
Mrs.Pallavi P. Ahire Mrs.Anuradha P Kulkarni	Worked as a Judge for IOT Mini Project at EnTc dept,SIT Lonavala	11 th Dec 2020
Mrs.Anuradha P Kulkarni	Organized an Informative Webinar on "Scientific Writing"	24 th Nov2020
Prof.Swapnali.B.Ware	Organized a webinar on "Information security"	5 th July 2020
Prof.Swapnali.B.Ware	Organized a workshop on "Cyber Attack and Security"	12 th Aug 2020
Prof.Swapnali.B.Ware	Organized a workshop on "Competitive Coding and Placement Preparation"	7 th Nov 2020
Prof.Swapnali.B.Ware	Organized a webinar on "How To Start Our Business Start Up"	24 th Oct 2020
Mrs.Supriya B. Jadhav	Organized a seminar on "Software Testing and Quality Assurance"	4 th July 2020
Mrs.Supriya B. Jadhav	Organized a Seminar on "Big Data"	14 th July 2020
Prof.S.B.Ware	Delivered a guest lecture on "Hadoop and Hive Hbase"	3 rd Nov 2020
Mrs.Anuradha P Kulkarni	Resource person & given presentaion on "Presentation Skills" at SIT Lonavala	21 July2020
Mrs.Anuradha P Kulkarni	Delivered a Expert Lecture on "Logic Families" at Indira COE,Parandwadi,Pune	4 th Nov 2020

DEPARTMENT OF INFORMATION TECHNOLOGY, SIT LONAVALA

Faculty Name	Particulars	Date
Ms. Vandana P. Tonde	Attended a webinar on “Intellectual Property Rights(IPR)”	30 th July 2020
Ms. Vandana P. Tonde	Was the Paper Setter for “Theory of Computation” TE IT subject (2015 Course)	15 th Nov 2020
Ms. Vandana P. Tonde	Was the Paper Setter for “Systems Programming” TE IT subject (2015 Course)	15 th Nov 2020
Ms. Vandana P. Tonde	member for syllabus setting of “Machine Learning” subject of TE IT 2019 course	23 rd May 2020
Mrs. Pallavi P. Ahire	Was the Chairman and Paper Setter for “Operating system” TE IT subject (2015 Course)	15 th Nov 2020
Mrs. Pallavi P. Ahire	Was the Paper Setter for “SMD” BE IT 2012 subject	15 th Nov 2020
Mrs. Pallavi P. Ahire	member for syllabus setting of “ing” subject of TE IT 2019 course	23 rd May 2020
Mrs. Pallavi P. Ahire	member for syllabus setting of “Machine Learning” subject of TE IT 2019 course	23 rd May 2020
Mrs. Pallavi P. Ahire	worked as a “Reviewer” for Springer International Conference organized by AISSMS, Pune	9 th Jun -7 th Jul 2020
Mrs. Pallavi P. Ahire	worked as a “TPC member” for Vasavi College of engineering, Hydrabad	9 th -10 th Oct 2020

• Achievements / Awards / Certificates of Staff

Mrs. P.P.Ahire received “Best Paper Award” at IEEE International Conference organized by AISSMS, Pune

• Publication in National / International Journal / Conference / Books / Research Proposal by Faculty

Faculty Name	Particulars	Date
Mrs. Pallavi P. Ahire	Published a book on “Computer Graphics” for SE Computer of SPPU Pune ,Nirali publication, ISBN: N-3566	10/09/2020
Mrs. Pallavi P. Ahire	Published a book on “Computer Graphics” for SE Computer of DBATU, Lonere ,Nirali publication, ISBN:N-3565	19/11/2020
Ms. Swapnali B. Ware	Published a paper on “Study of Author Identification and Verification Systems Using Statistical and Stylometry Models on Different Languages” in International Conference on Future Intelligence in Science and Technology	12 June 2020
Mrs. Anuradha P. Kulkarni	Presented a paper in International conference “ICSA 2021”	18 th -19 th Feb 2021

• Achievements/Awards/ Certificates of Students

Krishna Yadav, Rutuja Kamble, Sumit Kale, Yash Pazare, Pallavi Ahire "SOURCE CODE OBFUSCATION: Novel Technique and Implementation" paper has been ACCEPTED for oral presentation in ICT4SD 2021 and publication in Springer LNNS series.

Manav Tiwari from BE IT class completed NPTEL, IIT Mumbai Online Certification for "Programming in Java" with 81% and got Elite +Silver Certification for the same.(Jan-May 2020).

Khushal Chandrakant Sonar from SE IT class received Certificate of participation at "Vision Smart India and Avlon" Project Competition.

Atique Chaudhary from BE IT class received certificate of Internship from **muVerity Consultancy Services Pvt. Ltd.**

Rajesh Bhagure from BE IT class developed a sponsored Lab Innovation as "Mymp3music" in Python.

Aditya Dhule from TE IT class developed a Lab Innovation as "E-Commerce Website"

Nikhil V. Wagh from SE IT gets certificated by **Computing Intelligence Olympiad.**

Aryan A. Singh From SE IT class get Certified by "FSI Football League ,Goa."

41 Students From SE ,TE ,BE class completed Industrial Training.

06 students from SE ,TE, BE class get certified by different NPTEL, IIT Mumbai Online Certification course

• Industry Institute Interaction (I³) Cell

(a) Organized IBM skillsbuild orientation program in association with Reacha, Delhi(IBM country partner) on 5th March 2021.

(b) Conducted an Overview of IBM skillsbuild innovation camp in association with Reacha, Delhi(IBM country partner) on 29th May 2021.

(c) Department has signed an **MoU with Reacha delhi (IBM country partner)**

(d) Organized one day Workshop on Project Based Learning in Engineering Education in association with Reacha on 21st May 2021.

• Training and Placement Activities

Sr.No	Event Name	Date	Status	Industry Name
1	GD & PI by Spark for ALL TE Students	23 & 24 Jan 2021	Completed	SPARK Club T&P cell
2	Aptitude Training	11 to 13 Feb 2021	Completed	Fuel (18 Hrs)
3	Technical Training (Python & AI) Daily 3 to 6 PM (60 Hrs.)	5 March to 20 March	Completed	FUEL (60 HRS)
4	Profile Building Workshop	16 March	Completed	Cv Dragon
5	Communication Training by GTT	22- 28 March	Completed	GTT 30 HRS
6	Resuming Building Workshop By GTT	17 March	Completed	GTT 2 Hrs
7	LinkedIn Resume building on	28 March	Completed	Cv Dragon
8	Excel your Digital Interview	27 March	Completed	Cv Dragon
9	Video resume Workshop	3April	completed	Cv Dragon
10	First Naukri employability Test	15 April	Completed	First Naukari
11	Attitude Training and Python	12- 20 May	--	Face Prep 360 Capsule
12	Discussion with all Branch Students by Prof Pitambare sir Prof. Yogesh Jadhav	12 &13 May	--	T&P Cell CPC
13	Profile Building and Higher study Workshop by Prof. J.L. Minase sir	10 May Onward	--	T & P Cell CPC
14	English communication training	21st to 24th		Rubicon
15	Employment test 1 from first Naukri	25-26 May	--	First Naukri
16	Technical Training on Java(40 HRS)	Upcoming Month JUNE	--	GTT
17	Rubicon Training on Personality Development & confidence Building	27 May 10 June C,CPP training for non-circuit branches	--	Rubicon
18	Employment test -2 12th june- aptitude test-60 min 13th june- computer fundamentals-90 min 14th june- programming language coding test-90 min	12 -14 June 2021	--	--

Congratulations!!!

DEPARTMENT OF INFORMATION TECHNOLOGY
Sinhgad Institutes



!!! Congratulations on your Placement!!!!
It gives us immense pleasure to announce the selection of
PRATIKSHA SAWANT (BET)

SINHGAD INSTITUTE'S, LONAVALA CAMPUS



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!!! Congratulations on your Placement!!!!
It gives us immense pleasure to announce the selection of
JASMINE MALDAR (BET)

SINHGAD INSTITUTE'S, LONAVALA CAMPUS



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It gives us immense pleasure to announce the selection of
SHUBHAM ANAND (BET)

SINHGAD INSTITUTE'S, LONAVALA CAMPUS



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It gives us immense pleasure to announce the selection of
APURVA LAWATE (BET)

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It gives us immense pleasure to announce the selection of
KRISHNA YADAV (BET)

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SUBODH NADKAR (BET)

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ARYMANN SHARMA (BET)

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It gives us immense pleasure to announce the selection of
SALIL (BET)

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It gives us immense pleasure to announce the selection of
ANUJ KHAIRE (BET)

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It gives us immense pleasure to announce the selection of
ANJALI KUMARI (BET)

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It gives us immense pleasure to announce the selection of
CHAUDHARY ATIQUE AZIZ (BET)

SINHGAD INSTITUTE'S, LONAVALA CAMPUS



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It gives us immense pleasure to announce the selection of
GAGAN PANDITA (BET)

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It gives us immense pleasure to announce the selection of
ROHAN SIRSULWAR (BET)

SINHGAD INSTITUTE'S, LONAVALA CAMPUS



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It gives us immense pleasure to announce the selection of
SANKET KANKATE (BET)

SINHGAD INSTITUTE'S, LONAVALA CAMPUS



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!!! Congratulations on your Placement!!!!
It gives us immense pleasure to announce the selection of
APARNA BODKE (BET)

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!!! Congratulations on your Placement!!!!
It gives us immense pleasure to announce the selection of
RUTUJA KAMBLE (BET)

SINHGAD INSTITUTE'S, LONAVALA CAMPUS



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!!! Congratulations on your Placement!!!!
It gives us immense pleasure to announce the selection of
ASHISH KATALE (BET)

SINHGAD INSTITUTE'S, LONAVALA CAMPUS



• Our Toppers

SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA
309/310 Kusgaon (BK), Off. Mumbai-Pune Expressway, Lonavala, Maharashtra -
410401, Contact No. 02114 673355/356/358
DEPARTMENT OF INFORMATON TECHNOLOGY

OUR TOPPERS



Amit Kumar
9.42



Kolapate
Harishchandra
9.42



Vishal Kumar
9.34



Ashutosh
Mahajan
9.28



Mishra Vikrant
9.28



For Outstanding Performance in SE Academics (A.Y. 2019-20)

SINHGAD INSTITUTE OF TECHNOLOGY LONAVALA

309/310 KUSGAON (BK), OFF. MUMBAI-PUNE EXPRESSWAY, LONAVALA, MAHARASHTRA -410401, CONTACT NO. 02114 304 355/356/477

DEPARTMENT OF INFORMATON TECHNOLOGY

OUR TOPPERS



SAWANT
PRATIKSHA
9.26



KATALE ASHISH
9.02



SALIL
8.37



For Outstanding Performance in TE Academics (A.Y. 2019-20)



Student Centric activity .



Pictorial moments of Employability test



Sinhgad Institutes

Full Stack Application Development

Machine Learning with Python

Linux Driven cloud Fundamentals

Data Structure & Algorithm

IT
Learning
2020

Design Thinking

AWS Lambda with Node JS

Data Visualization & Dashboard Design

Exploring industry perspective of Designing UI / UX

Writing Quality Research Paper & lead to patent filing,

Banking Applications, Digital Marketing, Startup-IT

Software Engineering Industry approach

Cyber Security

Big Data Analytics

Business Application of Networking

Differential Equations & its Applications

Software Test Automation with Tricentis Tosca

Sinhgad Technical Education Society's

LONAVALA CAMPUS

Gat No 309/310, Off. Mumbai-Pune Express way,
Kusgaon(Bk), Lonavala, Tal- Maval, Dist- Pune.

02114-673356/355/358

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Day-wise Schedule

Day/Date	Time	Topic	Speaker Name	Company Name
Wednesday 1/7/2020	10:30 - 11:00 am	Inauguration & Keynote Address	Dr. M. S. Galwad	STES Lonavala
	11:00 - 12:00 noon	Machine Learning with Python	Jeevan Chavan	Accenture
Thursday 2/7/2020	10:30 to 11:30	Software Engg-Industry approx.	Ganesh Lad	Gaya Software & Technology
	1:00 to 2:00 pm	Design Thinking	Sandip Lebar	Persistent
Friday 3/7/2020	10:30 to 11:30 am	Business Appl. of Networking	V. L. Rankar	Rabitech Solutions
	3:00 to 4:00 pm	Data Visualization & Dashboard Design	Madhura Tare	L&T Infotech
Saturday 4/7/2020	11:00 to 12:00 pm	Linux Driven cloud Fundamentals	Shrikant Tatar	Oracle India
	1:00 - 2:00 noon	Data Structures & Algorithms-Industry approach	Pankaj Gole	Majesco Pvt. Ltd.
	3:00 to 4:00 pm	Software Testing & Quality Assurance	Aidwarya Suryawanshi	Cognizant
Sunday 5/7/2020	11:00 - 12:00 noon	Cyber Security	Santosh Gandhi	Indusface
	3:00 to 4:00 pm	Banking Application with IT	Sanchit Mhatre	JMR Infotech.
Monday 6/7/2020	11:00 - 12:00 noon	Full Stack Application Development	Divya Nanda	DataMetrix
Tuesday 7/7/2020	11:00 - 12:00 noon	Differential Equation & Applications	Nagesh Kale	Assoc. Prof. YC Satara
Wednesday 8/7/2020	11:00 - 12:00 noon	Object Oriented Programming Methodology	Sagar Khan	Accenture
Thursday 9/7/2020	11:00 - 12:00 noon	Machine Learning Algorithm & Application	Ajit Deganekar	Jaloputra Solutions
Friday 10/7/2020	11:00 - 12:00 noon	Exploring industry perspective of Designing UI / UX	Harshad Mahajan	Logysys
Saturday 11/7/2020	11:00 - 12:00 noon	Big Data	Sakumar Mune	Smartek
	1:00 to 2:00 pm	Cognac: Data Analytics Tool	Vijeta Beekar	Accenture



Keynote Address by
Dr. M. S. Galwad
Principal & Campus Director
Sinhgad Institute, Lonavala Campus.



Topic: Design Full Stack App Develop.
Name: Divya Nanda,
(Software Module Lead)
@ DataMetrix



Topic: Linux Driven Cloud
Name: Shrikant Tatar,
(Sr. Operations Engineer)
@ Oracle India



Topic: Design Thinking
Name: Sandip Lebar,
(Sr. User Experience designer)
@ Persistent System Ltd.



Topic: Data Structure & Algorithm
Name: Pankaj Gole,
(Sr. User Experience designer)
@ Majesco Pvt. Ltd.



Topic: Machine Learning with Python
Name: Jeevan Chavan,
(Application Developer Associate)
@ Accenture



Topic: Big Data
Name: Sakumar Mune,
(Sr. Software Engineer)
@ Smartek.



Topic: Software Testing & Quality As
Name: Aidwarya Suryawanshi,
(Quality Assurance)
@ Cognizant India.



Topic: Machine Learning Algo. & App
Name: Ajit Deganekar,
Owner & Founder Jaloputra
Solutions



Topic: Object Oriented Progr. Metho.
Name: Sagar Khan,
(MEAN Stack Developer)
@ Accenture



Topic: Cognac: Data Analytics Tool
Name: Vijeta Beekar,
(Application Developer Associate)
@ Accenture



Topic: Cyber Security
Name: Santosh Gandhi,
Assoc. Info. Security Analyst
@ Indusface.



Topic: Data Visualization & Dashboa
Name: Madhura Tare,
(Associate Consultant)
@ L&T Infotech.



Topic: Banking Application with IT
Name: Sanchit Mhatre,
(Sr. Consultant Banking)
@ JMR Infotech.



Topic: Business Appl. of Networking
Name: V. L. Rankar,
Owner & Founder Rabitech Solutions



Topic: Software Engg-Industry approx.
Name: Ganesh Lad,
Director Gaya Software & Techno.



Topic: Exploring industry perspective
of Designing UI / UX
Name: Harshad Mahajan,
CEO @ Logysys & CMO @ UXPL.



Topic: Differential Equations & Appl.
Name: Nagesh Kale,
(Associate Professor)
@ YC Satara

Eminent Speakers

• Value Addition Programs

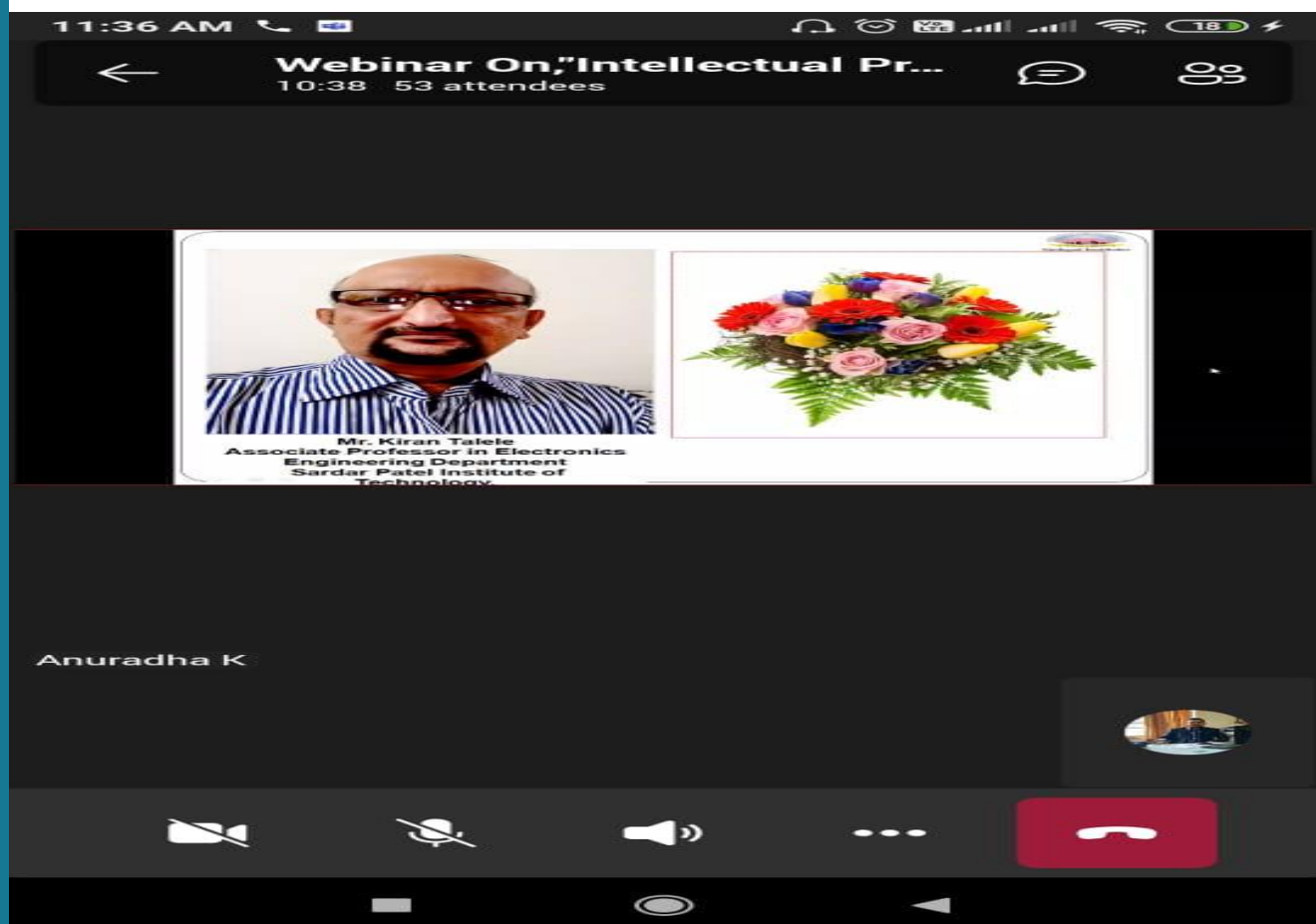
Sr. No.	Course Titles	Course Syllabus /Contents	Classes	Resource Person	Course Duration	No. of Participants
1	Training program on "C & CPP"	<p>Introduction to C, Features of C, Data Types, Variables, Constants, Operators, Expressions, Control Structures, Functions, Arrays, Strings, Structures & Unions, Pointers, Data Structures</p> <p>Introduction to Object Oriented Programming & C++, Features of C++, Data Types, Variables, Constants, Operators, Expressions, Control Structures, Functions, Arrays, Strings, Classes & Objects, Encapsulation, Data Abstraction, Data Hiding, Inheritance, Polymorphism, Operator Overloading, Function Overloading, Abstract Classes, Method Overriding Constructors & Destructors</p>	SE	<p>Ms. S. N. Uke Mr. K. S. Karnekar</p>	30 Hrs	74
2	Training program on "JAVA"	The Java Environment, Basic Language Elements, Object Oriented Programming, Extending Classes and Inheritance, Package, Exception Handling, Array & String, Thread, Collection of Useful Classes, GUI Programming, Database Programming using JDBC, Application.	TE	<p>Mr. G. M. Gaikwad Mr. D. N. Rathod</p>	30 Hrs	63
3	Training program on "RDBMS"	Database System Architecture – Data Abstraction, Data Independence, Data Definitions and Data Manipulation Languages. Relation Query Languages, Relational Algebra, Tuple and Domain Relational Calculus, SQL. Query Processing and Optimization: Evaluation of Relational Algebra Expressions, Query Equivalence, Join strategies, Query Optimization Algorithms.	TE	<p>Ms. S. B. Jadhav Ms. K. G. Walke</p>	30 Hrs	43
4	Training program on "LaTeX"	LaTeX on Windows using TeXworks, Report Writing, Letter Writing, Mathematical Typesetting, Equations, Numbering Equations, Tables and Figures, Beamer, Bibliography, Writing Style Files in LaTeX	BE	<p>Ms. P. P. Ahire Mr. C. S. Pagar</p>	30 Hrs	30



Pankaj Muthe
Keynote Speaker
Head of Academic Program
for Qlik in India
and the Asia Pacific region

Manikant Roy
Resource Person
Research Scholar at IIT Delhi
"Technology Evangelist" for
Microsoft, Wipro, Google and
Intel

Eminent Speakers of 1 Week FDP "Data Science" organized by IT Dept.



11:36 AM

Webinar On, "Intellectual Pr..."
10:38 53 attendees

Mr. Kiran Talele
Associate Professor in Electronics
Engineering Department
Sardar Patel Institute of
Technology

Anuradha K

Eminent Speaker of "Intellectual Property Rights" Webinar organized by IT Dept on 30/05/2021