



Kopergaon Taluka Education Society's

# **K. J. Somaiya College of Arts, Commerce and Science, Kopergaon**

## **CRITERION- 5**

### **Student Support and Progression**

#### **Key Indicator- 5.1 Student Support**

**5.1.2 QnM: Following capacity development and skills enhancement activities are organised for improving students' capability student Enrolment and Profile**

**ICT/computing skills**

**2018-19**

**2018-19**

<b>Sr. No</b>	<b>Name of the capacity development and skills enhancement program</b>	<b>Date of Implementation</b>	<b>Number of students enrolled</b>	<b>Name of the agencies/experts involved with contact details (if any)</b>
1	One day Program on Techno Fest	01/10/2019	21	Department of BBA_ CA
2	Certificate Course in Computer Hardware And Networking	21/01/2019	30	Department of Computer Science
3	One Day Workshop on Cyber Security & Ethical Hacking	18/11/2018	21	Department of BBA_ CA
4	Certificate Course in Programming -C	01/08/2018	41	Department of Physics

Kopargaoon Taluka Education Society's

# K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaoon - 423601, Dist. Ahmednagar (MH.)

Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/07(1964)

☎ : 9146142000, 9146152000 Email ID : kjscollege@rediffmail.com, Website : kjscollege.com

NAAC ACCREDITED 'A' GRADE

AN ISO 9001-2015 CERTIFIED INSTITUTE

SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

Principal : Dr. B. S. Yadav (M.Sc., Ph.D.)

Founder President : Late K. B. Rohamare (Ex. M.L.A.)

Ref. No. : 48/2018-19

Date : / /202

Date :- 08/1/2019

To

The Principal,  
K.J.Somaiya College,  
Kopargaoon.


Subject :- Organizing "Technofest-2018"


Applicant :- Department of BBA\_CA.

Respected Sir,

With the reference to the above cited subject, We want to organize "Technofest-2018" for our final year student. That will helpful for our student for finding job opportunity and what skill set is required for that job.

So I kindly request you to permit us to conduct this Technofest.

  
(Prof. Bhadane P.S.)  
HOD

  
( Dr. B. S. Yadav)  
Principal

K.J.Somaiya College of Arts  
Commerce & Science, Kopargaoon





**K.T. E. Society's**  
**K.J.SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE,**  
**KOPARGAON**

**Department of BBA\_CA**

**NOTICE**

All the students of TYBBA\_CA our department program Technofest-2018 is scheduled on 10 jan 2019.

**Technofest Competition**

- C language competition.
- Poster Presentation.
- Reel Making.

Please be present on 10th Jan 2019 10:00 A.M. at Sakarben Hall.

  
H.O.D.  
HOD

Dept. of BBA\_CA

K.J. Somaiya College, Kopergaon







**K.T. E. Society's  
K.J.SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE,  
KOPARGAON**

**Techno fest 2018**

**Department of BBA\_CA**

**ACADEMIC YEAR: 2018-19**

**Date:** 10 Jan 2018

**Number of Participants : 21**

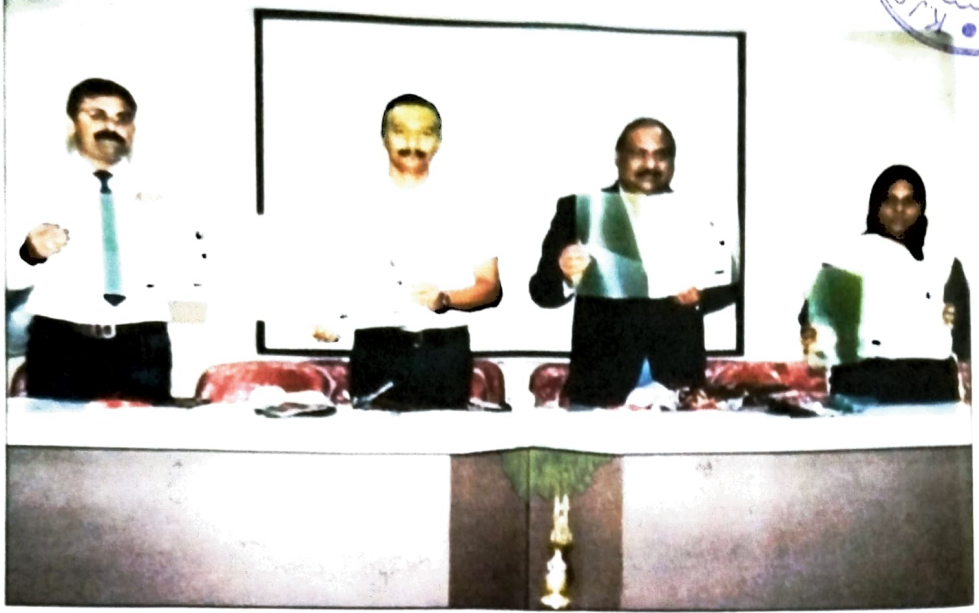
**Report:** The BBA\_CA department conducts "Technofest-2018" Department level contest with multiple technical events, this year "Technofest-2018" received an overwhelming response in all its events and was a magnificent success.

The motive of this event is to develop various skills of students in Co-Curricular activities and to expose them to the current trends in the technical and professional fields. Technofest includes various events like:

- Poster presentation.
- C Language competition.
- Reel Making.

Prof. Bhadane P.S proposed vote of thanks. Prof. Rohmare R.B. coordinated the event.





बी. बी. ए. (सी.ए.) व बी. सी. एस. विभागामार्फत आयोजित एकदिवसीय  
Technological Event "TECHNOFEST-2K19" याचे उद्घाटन  
करताना को. ता. ए. सो. चे विश्वस्त मा. श्री संदीप रोहमारे,  
मा. प्राचार्य डॉ. बी. एस यादव, प्रा. पी. एस. भदाणे, प्रा.ए.ए.कुसाळकर.

  
HOD

Dept. of BBA\_CA  
K. J. Somaiya College, Kopergaon



  
Principal

K. J. Somaiya College of Arts  
Commerce & Science, Kopergaon

Kopargaon Taluka Education Society's  
**K. J. Somaiya College of Arts, Commerce and Science.**  
DEPARTMENT OF COMPUTER SCIENCE  
**Computer Hardware and Network**  
Structure, Curriculum and Assessment Procedure-

Kopargaon Taluka Education Society's  
K. J. Somaiya College of Arts, Commerce and Science.  
NAAC Reaccredited A Grade, DST-FIST Sponsored College  
Certificate Course: **Computer Hardware and Network**  
**Course Code: CC918**

**Organized by- Department of Computer Science**

**Academic Year: 2018-19**

Kopargaon Taluka Education Society's  
**K. J. Somaiya College of Arts, Commerce and Science.**  
 DEPARTMENT OF COMPUTER SCIENCE

1	Name of Department	Computer Science	
2	Title of Course	Computer Hardware and Networking	
3	Course Level	Certificate	
4	Implementation academic year	Since 2018-19	
5	Preamble of Syllabus	1. Concepts of Computer fundamentals 2. Computer Components 3. Networking Devices	
6	Faculty of the Course	Science	
7	Eligibility of Admission and prerequisite	12 <sup>th</sup> Science Pass	
8	Duration of the Course	3 Months (36 Hours)	
9	Intake capacity of students	90	
10	Total hours of teaching	36	
11	Pattern of examination, if any		
	Theory exam, Practical and exercises	Theory and practical exam at the end of the course.	
12	Teaching Faculty		
	Name of Faculty	Designation	Qualification
	Mrs. Kusalkar A.A.	Assistant Professor	M.Sc. Computer Science
	Mr. Kunjir G.M.	Assistant Professor	M.Sc. Computer Science
13	Other Facilities	Computer Laboratory, Library	
14	Recommended books		
	1. Computer Networking: Principles, Protocols and Practice by Olivier Bonaventure		
	2. Let Us C-Yashavant P. Kanetkar		

*R. E. Ihe.*

**HOD**

Dept. of Computer Science  
 K.J. Somaiya College, Kopargaon

*[Signature]*

**Principal**

**K. J. Somaiya College of Arts  
 Commerce & Science, Kopargaon**

Kopargaon Taluka Education Society's  
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

**-: Certificate Course:-**

**Computer Hardware & Networking**

**Objective of the Course:**

- To train the officials to acquire basic knowledge in computer hardware and peripherals for installation.
- PC assembly, trouble shooting and maintenance including system management and its backup and to undertake disaster prevention.
- To develop skill set, currently required in Computer Hardware and Network Technology.
- Basic knowledge of TCP/IP networks work group.
- To understand the Internet / Intranet architecture

**Syllabus of the Course:**

<b>Computer Hardware</b>		<b>No. of Lectures</b>
<b>1</b>	<b>Microprocessor System:</b> Introduction of System overview, Introduction to Processors, Memory Interfacing, Interfacing I/O Devices, Interfacing Data Converters, Display Interface, Serial I/O and Data Communication, Higher level Processors	<b>02</b>
<b>2</b>	<b>Introduction to PC Architecture</b> Study of PC-AT/ATX System, Pentium, Core, Core 2 CORD, Core 2 Duo, I3, I5, I7 Processor Basics of Processor and CPU, Block Diagram of Computer and Computer Generation Motherboards, Chipset and Controllers, BIOS and the Boot Process, Computer Memory.	<b>02</b>
<b>3</b>	<b>Internal Components</b> IDE and SATA Devices: Hard Disk Drive and CD/DVDs Drives, SCSI Devices, Floppy Disk, Zip Drive, Backup Drive, Expansion Cards- LAN Card, IDE Card, VGA and SVGA Cards, Sound Card, Interface Cards, I/O cards, Video Cards, USB Card, Fire-Wire Cards, Internal Ports, Cables and Connector Types.	<b>03</b>
<b>4</b>	<b>External Components</b> Monitors:- CRT, LCD and LED Displays, Printers:- Dot-Matrix Printer, Inkjet Printer, Laser Printer Scanner:- Photo Scanner, Documents Scanner, Bar Code Scanner	<b>03</b>



	Keyboards, Mouse, External Modem, Ports and Connectors, Batteries, Power supply, Pen Drives, SCSI interface devices, Laptop Computers, Digital Advance storage technology.	
5	<b>Network Components</b> Introduction of Network Cable like UTP, STP, Fiber Optics, Hub, Unmanageable Switch, Manageable Switch, Router, Modem, Wi-Fi, Access Point, PCI Wireless Card, USB Wireless Device, Print Server, USB Network Sharer, Backup Device, Server Hardware etc.	03
6	<b>PC debugging , troubleshooting and Maintenance</b>	02
<b>Computer Networking</b>		
7	<b>Overview of Networking</b> Introduction to networks and networking, LAN, PAN, MAN, WAN, Internet and Intranet etc. Uses and benefits of Network, Server-client based network, peer to peer networks.	03
8	<b>Network Hardware and Components</b> Concept of Server, client, node, segment, backbone, host etc. Analog and Digital transmission, Network Interface Card, Crimping tools and Color standards for Straight crimping and Cross crimping Functions of NIC, Repeaters, Hub, Switches, Routers, Bridges, Router etc.	03
9	<b>Transmission Media and Topologies</b> Media types: STP cable, UTP cable, Coaxial cable, Fiber cable, Base band and Broadband transmission, Cables and Connectors, Physical and logical topologies, Bus, Star, Ring and Mesh topologies	03
10	<b>Protocols and Services</b> HTTP, FTP and other Different types of protocols, OSI Model, Media Access Method, DNS services, DHCP services, WINS services and RAS services, Web services, Proxy Services etc.	03
11	<b>TCP/IP and Sub-netting</b> Introduction about TCP/IP and Sub-nettings, configuring IP address and subnettings with different Routers and Network, TCP/IP Errors and Solutions.	03
<b>Practical</b>	1. Study of Internal Components (Hard Disk Drive and CD/DVDs Drives, SCSI Devices)	06
	2. Study of External Components(LCD Monitor, Laser Printer)	
	3. Study of Network Components(Wi-Fi, Access Point, PCI Wireless Card, USB Wireless Device)	
	4. Study of PC assembly	
	5. Study of configuring IP address and subnettings with different Routers and Network	
	6. Study of HTTP, FTP and other Different types of protocols	

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HOD

Dept.of Computer Science  
K.J.Somaiya College,Kopargaon



Principal

K. J. Somaiya College of Arts  
Commerce & Science, Kopargaon

Date: 17/01/2019

**DEPARTMENT OF COMPUTER SCIENCE**

Letter to IQAC for seeking permission for the Short-term Certificate Course

To,

The Coordinator,

IQAC,

K. J. Somaiya College, Kopargaon.

**Subject:** Regarding the permission for organizing Short-term Certificate course.

Respected sir,

The Department of Computer Science desire to organize short-term course in our department for developing the skills of our students.

<b>Name of Activity</b>	<b>Certificate course on Computer Hardware and Networking</b>
Proposed Date & Time	Academic year 2018-19 (Semester V & VI)
Venue	Classroom no. 46, Science building
Name of Coordinator	Prof. Kusalkar A.A Department of Computer Science

Kindly give the permission and thank you and looking for kind cooperation.

Yours Sincerely,

  
Course Coordinator

  
HOD  
Dept. of Computer Science  
K.J. Somaiya College, Kopargaon



K.T.E. Society's  
**K. J. SOMAIYA COLLEGE, KOPARGAON**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**Certificate course in**  
**COMPUTER HARDWARE AND NETWORKS**

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Date: 18/01/2019

## Notice

The students of **T.Y.B.Sc. (Comp. Sci.)** are hereby informed that, the department will be organizing short term course entitled "**Computer Hardware & Networking**" from **21<sup>st</sup> January 2019** to **22<sup>nd</sup> March 2019**. The course duration will be 3 months & it is of 3 credits. The syllabus of the course is approved by SPPU, Pune.

The course will be compulsory for all Third Year students. Course completion is based on qualifying examination, which will be held in April 2019. After successful completion of the course, the students will be issued a certificate.

  
Course Coordinator

  
HOD  
Dept. of Computer Science  
K.J. Somaiya College, Kopergaon

  
Principal  
K. J. Somaiya College of Arts  
Commerce & Science, Kopergaon



Kopargaon Taluka Education Society's  
**K. J. SOMAIYA COLLEGE, KOPARGAON**  
DEPARTMENT OF COMPUTER SCIENCE  
(Estd. - UG-2010, PG- 2016)

**COMPUTER HARDWARE AND NETWORKS**

**Time Table (2018-2019)**

Course Duration: 21<sup>st</sup> January 2019 to 22<sup>nd</sup> March 2019

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2.00 pm- 5.00 pm	CH	CH	CN	CN	Practical Batch- A	Practical Batch -B

**Subject Teacher:**

1. Computer Hardware- Prof. Kusalkar A.A.
2. Computer Networking : Prof. Kunjir G.M.

*Kusalkar*  
co-ordinator

*Rele*  
HOD  
Dept. of Computer Science  
K.J.Somaiya College, Kopargaon

*[Signature]*  
Principal  
K. J. Somaiya College of Arts  
Commerce & Science, Kopargaon

**-: Certificate Course:-**

**Computer Hardware & Networking**  
**Academic Year: 2018-19**

<b>Sr. No.</b>	<b>Name Of students</b>
1.	Sayyad Moin Mansurali
2.	Deokar Rushikesh Sampat
3.	Gaikwad Somnath Sopan
4.	Thorat Sourabh Vishnu
5.	Autade Akshay Sunil
6.	Abhale Shriram Raosaheb
7.	Abhale Sachin Rajendra
8.	Ugale Akshay Bhausaheb
9.	Pote Sandip Madhukar
10.	Tambe Vaishnavi Shriram
11.	Dome shital Rajendra
12.	Borbane Rani Balasaheb
13.	Shraddha Ashok Petkar
14.	Wakhare Prajakta Rajendra
15.	Sontakke Swarupa Vilas
16.	Dange Pratiksha Ramnath
17.	Sasane Sneha Swapnil
18.	Mate Rajashri Arjun
19.	Khilari Rutuja Balasaheb

20.	Kulkarni Mansi Swapnil
21.	Wakhare Jayashri Manik
22.	Bhagwat Pooja Rajendra
23.	Takate Shubhangi Sampat
24.	Dome Shital Rajendra
25.	Waghule Sejal Sanjay
26.	Ghule Pallavi Balasaheb
27.	Bhatmule Shraddha Anil
28.	Adhav Pooja
29.	Turkane Megha
30.	Pote Sandip Madhukar

*Re/He*

**HOD**

**Dept. of Computer Science**  
**K.J. Somaiya College, Kopergaon**

*Poo*

**Principal**

**K. J. Somaiya College of Arts**  
**Commerce & Science, Kopergaon**

Kopargaon Taluka Education Society's  
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

-: Certificate Course:-

**Computer Hardware & Networking**  
**Academic Year: 2018-19**

Sr. No.	Name of students	1/2/2019	2/2/2019	22/2/2019	23/2/2019	25/2/19	26/2/19	8/3/2019	9/3/2019	15/3/2019	16/3/2019	23/3/2019
1.	Sayyad Moin Mansurali	Smm	Smm	Smm	Smm	Smm	Smm	Smm	Smm	Smm	Smm	Smm
2.	Deokar Rushikesh Sampat	Deokar	Deokar	Deokar	Deokar	Deokar	Deokar	Deokar	Deokar	Deokar	Deokar	Deokar
3.	Gaikwad Somnath Sopan	Sgaikwad	A	Sgaikwad	Sgaikwad	Sgaikwad	Sgaikwad	A	Sgaikwad	Sgaikwad	Sgaikwad	Sgaikwad
4.	Thorat Sourabh Vishnu	SVThorat	SVThorat	SVThorat	SVThorat	SVThorat	SVThorat	SVThorat	SVThorat	SVThorat	SVThorat	SVThorat
5.	Autade Akshay Sunil	AutadeA	AutadeA	AutadeA	AutadeA	AutadeA	AutadeA	AutadeA	AutadeA	AutadeA	AutadeA	AutadeA
6.	Abhale Shriram Raosaheb	SABhale	SABhale	SABhale	SABhale	SABhale	SABhale	SABhale	SABhale	SABhale	SABhale	SABhale
7.	Abhale Sachin Rajendra	AbhaleS	AbhaleS	AbhaleS	A	AbhaleS	AbhaleS	AbhaleS	AbhaleS	AbhaleS	AbhaleS	AbhaleS
8.	Ugale Akshay Bhausaheb	UAB	UAB	UAB	UAB	UAB	UAB	UAB	UAB	A	AbhaleS	AbhaleS
9.	Pote Sandip Madhukar	A	Potesm	Potesm	Potesm	A	Potesm	Potesm	Potesm	Potesm	Potesm	Potesm
10.	Tambe Vaishnavi Shriram	Thambav	Thambav	Thambav	Thambav	Thambav	Thambav	Thambav	Thambav	Thambav	Thambav	A
11.	Dome shital Rajendra	SRDome	SRDome	A	SRDome	SRDome	SRDome	A	SRDome	SRDome	SRDome	SRDome
12.	Borbane Rani Balasaheb	RBornane	RBornane	RBornane	RBornane	RBornane	RBornane	A	SRDome	SRDome	SRDome	SRDome
13.	Shraddha Ashok Petkar	Spetkar	A	Spetkar	Spetkar	Spetkar	Spetkar	Spetkar	A	Spetkar	A	Spetkar



14.	Wakhare Prajakta Rajendra	<del>Prajakta</del>	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta
15.	Sontakke Swarupa Vilas	<del>Vilas</del>	Vilas	Vilas	Vilas	Vilas	Vilas	<del>Vilas</del>	Vilas	Vilas	<del>Vilas</del>	Vilas
16.	Dange Pratiksha Ramnath	<del>Dange</del>	Dange	Dange	Dange	Dange	Dange	<del>Dange</del>	Dange	Dange	<del>Dange</del>	Dange
17.	Sasane Sneha Swapnil	<del>SSS</del>	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS
18.	Mate Rajashri Arjun	<del>MRA</del>	MRA	MRA	MRA	MRA	MRA	MRA	MRA	MRA	MRA	MRA
19.	Khilari Rutuja Balasaheb	<del>Khilari</del>	Khilari	Khilari	Khilari	Khilari	Khilari	Khilari	Khilari	Khilari	<del>Khilari</del>	Khilari
20.	Kulkarni Mansi Swapnil	<del>Kulkarni</del>	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	<del>Kulkarni</del>	Kulkarni
21.	Wakhare Jayashri Manik	<del>Wakhare</del>	Wakhare	Wakhare	<del>Wakhare</del>	Wakhare	Wakhare	Wakhare	Wakhare	Wakhare	Wakhare	Wakhare
22.	Bhagwat Pooja Rajendra	<del>Bhagwat</del>	Bhagwat	Bhagwat	Bhagwat	Bhagwat	Bhagwat	Bhagwat	Bhagwat	Bhagwat	Bhagwat	Bhagwat
23.	Takate Shubhangi Sampat	<del>Takate</del>	Takate	Takate	Takate	Takate	Takate	Takate	Takate	Takate	Takate	Takate
24.	Dome Shital Rajendra	<del>Dshital</del>	Dshital	Dshital	Dshital	Dshital	Dshital	Dshital	Dshital	Dshital	Dshital	Dshital
25.	Waghule Sejal Sanjay	<del>Snehal</del>	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal
26.	Ghule Pallavi Balasaheb	<del>Ghule</del>	Ghule	Ghule	Ghule	Ghule	Ghule	Ghule	<del>Ghule</del>	Ghule	Ghule	Ghule
27.	Bhatmule Shraddha Anil	<del>Shraddha</del>	Shraddha	<del>Shraddha</del>	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha
28.	Adhav Pooja	<del>Pachar</del>	Pachar	Pachar	Pachar	Pachar	Pachar	Pachar	<del>Pachar</del>	Pachar	Pachar	Pachar
29.	Turkane Megha	<del>Megha</del>	Megha	Megha	Megha	Megha	Megha	Megha	Megha	Megha	<del>Megha</del>	Megha
30.	Pote Sandip Madhukar	<del>Pote</del>	Pote	Pote	Pote	Pote	Pote	Pote	Pote	Pote	<del>Pote</del>	Pote

Kusalkore  
Coordinator

Rehe  
HOD  
Dept. of Computer Science  
K.J. Somaiya College, Kopergaon

1200  
Principal  
K. J. Somaiya College of Arts  
Commerce & Science, Kopergaon



Kopargaon Taluka Education Society's

K. J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE,  
KOPARGAON

**Question Paper of Certificate Course in Computer Hardware &  
Networking**

**Academic Year: 2018-19**

**Time: 2 Hrs.**

**Marks: 50**

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**Note: All questions are compulsory.**

**Q1.] Attempt the following Questions.**

**(5\*5=25)**

- 1] What is Network Topology?
- 2] What are 'client' and 'server' in a network?
- 3] What is a 'frame relay' and in which layer does it operate?
- 4] What is a MAC address?
- 5] What is an IP address?

**Q2.] Attempt the following Questions.**

**(5\*5=25)**

- 1] What Is Cache Memory? What Is The Advantage If A Processor With More Cache Memory You Are Using?
- 2] What Is Hyper Threading? What is the use of it?
- 3] Differentiate Serial and Parallel port?
- 4] What are the factors affecting on speed of microprocessor?
- 5] Draw the hierarchical classification of the computer?



-: Certificate Course:-

**Computer Hardware & Networking**

**Academic Year: 2018-19**

**Marks List**

Sr. No.	Name of students	Marks (Out of 50)
1.	Sayyad Moin Mansurali	32
2.	Deokar Rushikesh Sampat	36
3.	Gaikwad Somnath Sopan	34
4.	Thorat Sourabh Vishnu	37
5.	Autade Akshay Sunil	39
6.	Abhale Shriram Raosaheb	35
7.	Abhale Sachin Rajendra	38
8.	Ugale Akshay Bhausaheb	41
9.	Pote Sandip Madhukar	40
10.	Tambe Vaishnavi Shriram	41
11.	Dome shital Rajendra	42
12.	Borbane Rani Balasaheb	44
13.	Shraddha Ashok Petkar	40
14.	Wakhare Prajakta Rajendra	41
15.	Sontakke Swarupa Vilas	42
16.	Dange Pratiksha Ramnath	45
17.	Sasane Sneha Swapnil	40
18.	Mate Rajashri Arjun	39
19.	Khilari Rutuja Balasaheb	36

20.	Kulkarni Mansi Swapnil	33
21.	Wakhare Jayashri Manik	35
22.	Bhagwat Pooja Rajendra	31
23.	Takate Shubhangi Sampat	34
24.	Dome Shital Rajendra	32
25.	Waghule Sejal Sanjay	36
26.	Ghule Pallavi Balasaheb	38
27.	Bhatmule Shraddha Anil	35
28.	Adhav Pooja	32
29.	Turkane Megha	33
30.	Pote Sandip Madhukar	34

Kusalkare  
Coordinator

Rele  
HOD  
Dept. of Computer Science  
K.J. Somaiya College, Kopergaon

Principal  
K. J. Somaiya College of Arts  
Commerce & Science, Kopergaon



Kopargaon Taluka Education Society's  
**K. J. Somaiya College of Arts, Commerce and Science.**

DEPARTMENT OF COMPUTER SCIENCE

Academic Year: 2018-19

Report

Name of Certificate Course	Computer Hardware and Network
Date & Duration	21 <sup>st</sup> Jan 2019 to 22 <sup>th</sup> March 2019 36 Hours
Name of Faculty	Computer Science
Number of Participant enrolled	30
Venue	Department of Computer Science

**Brief Summary of Activity:**

Department of Computer Science runs certificate course in Computer Hardware and Network. The objective of the course is to develop skill among the students to acquire basic knowledge in Computer hardware and peripherals for installation. To assemble the PC and trouble shooting and maintenance. To develop skill set, required in network technology. To gain basic knowledge of TCP/IP networks and to understand the internet architecture. The course content is made available to the students. Hon. Principal Dr. B. S Yadav inaugurated this course.

**Outcome of the Course:**

- 1) Student acquired basic knowledge of computer hardware.
- 2) Students are able to assemble PC, they learn to solve trouble shooting problems in PC.
- 3) Students get good skill about network technology.

*Kusalkare*  
Coordinator

*Rekha*  
HOD  
Dept. of Computer Science  
K.J. Somaiya College, Kopargaon

*B. S. Yadav*  
Principal  
K. J. Somaiya College of Arts  
Commerce & Science, Kopargaon

Date : 17/01/2019

**Permission Letter from IQAC for Organizing Certificate Course**

**From,**  
The IQAC Coordinator,  
K. J. Somaiya College, Kopargaon.

**To,**  
The Course Coordinator,  
Dept. of Computer Science,  
K. J. Somaiya College, Kopargaon.

**Subject:** Permission for organizing short- term certificate course.

Respected sir,

As per your letter dated \_\_\_\_\_ to IQAC. Grants the permission for following activity

<b>Name of Activity</b>	<b>Certificate course on Computer Hardware and Networking</b>
<b>Proposed Date &amp; Time</b>	Academic year 2018-19 (Semester V & VI)
<b>Venue</b>	Classroom no. 46, Science building
<b>Name of Coordinator</b>	Prof. Kusalkar A.A. Department of Computer Science

You are requested to complete the documentation and submit it to IQAC after Programme within five working days. Wish you all the best for Programme.

Thank you

Yours Sincerely



Kopargaon Taluka Education Society's

## K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)

Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/07(1964)

☎ : 9146142000, 9146152000 Email ID : kjscollege@rediffmail.com, Website : kjscollege.com

NAAC ACCREDITED 'A' GRADE

AN ISO 9001-2015 CERTIFIED INSTITUTE

SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

Principal : Dr. B. S. Yadav (M.Sc., Ph.D.)

Founder President : Late K. B. Rohamare (Ex. M.L.A.)

Ref. No. : 43/2018-19

Date : / /202

Date :- 15/11/2018

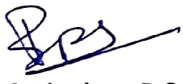
To  
The Principal,  
K.J.Somaiya College,  
Kopargaon.

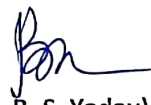
Subject :- Organizing One Day Workshop on "Cyber Security and Ethical Hacking"  
Applicant :- Department of BBA\_CA.

Respected Sir,

With the reference to the above cited subject, We want to organize workshop On "Cyber Security and Ethical Hacking" for our final year student. That will helpful for our student for finding job opportunity and what skill set is required for that job. The resource person is Prof. Charansing Kayate (Government Institute of Forensic, Aurangabad).

So I kindly request you to permit us to conduct this seminar.

  
(Prof. Bhadane P.S.)  
HOD

  
( Dr. B. S. Yadav)  
Principal  
K.J.Somaiya College of Arts  
Commerce & Science, Kopargaon







Kopargaon Taluka Education Society's

## K.J. Somaiya College of Arts, Commerce & Science

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SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

Principal : Dr. B. S. Yadav (M.Sc., Ph.D.)

Founder President : Late K. B. Rohamare (Ex. M.L.A.)

Ref. No. : 48/2018-19

Date : / /202

To,  
Prof. Charansing Kayate  
Institute of Forensic Science,  
Aurangabad.

Sub :- Invitation as a Chief Guest For One Day Seminar.

Sir,

I am very happy to inform you that Department of BBA\_CA, K.J.Somaiya College, Kopargaon organizing one day guest lecture on "Cyber Security and Ethical Hacking" on 18/11/2018. It is our pride privilege to invite you as a Guest Speaker for the event.

I hope that you will consider our request to spare one day for our all students.

Thank you,

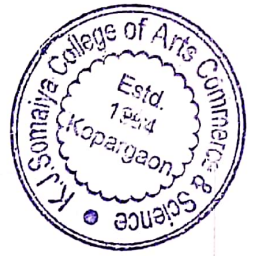
Yours faithfully,

(Dr.B.S.Yadav)

Principal

K.J.Somaiya College of Arts  
Commerce & Science, Kopargaon





**K.T. E. Society's**  
**K.J.SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE,**  
**KOPARGAON**

**Department of BBA\_CA**

**NOTICE**

All the students of TYBBA\_CA Your One Day Workshop on 'Cyber Security & Ethical Hacking' is Scheduled on 18 Nov 2018.

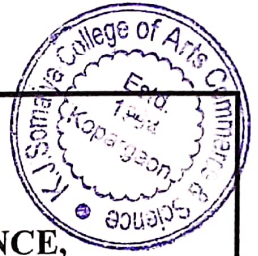
Please be present on 18<sup>th</sup> Nov 2018 10:00 A.M. at Sakarben Hall.

  
**HOD.**

**Dept. of BBA\_CA**

**K.J. Somaiya College of Arts, Commerce & Science, Kopargaoon**





**K.T. E. Society's**

**K.J.SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE,  
KOPARGAON**

## **One Day workshop on 'Cyber Security & Ethical Hacking'**

**Department of BBA\_CA**

**ACADEMIC YEAR: 2018-19**

**Date:** 18 Nov 2018

**Number of Participants : 21**

**Report:** The Department of BBA\_CA organized a one day workshop on 'Cyber Security and Ethical Hacking' on the 18th Nov, 2018. **Dr. Charansing Kayate** from **Institute of Forensic science, Aurangabad** was the Resource Person for the workshop who shared his experience and knowledge with the student community regarding the theme.

With the world turning into one global village and the fact that most of the official work (private and public) is done through computer and computer systems, it is important to ensure security in such cases. All the necessary documents, information, and data are stored in a computer these days which shall be protected with utmost care. Following this, there is a lot of demand for cybersecurity and ethical hacking professionals to keep all the sensitive information protected from the hackers and develop new computer protecting the system.

Ethical Hacking includes few steps as follows:

- Reconnaissance.
- Scanning.
- Gaining Access.
- Maintaining Access

Prof. Bhadane P.S proposed vote of thanks. Prof. Rohmare R.B. coordinated the event.







बी.बी.ए.(सी.ए.) व बी.सी.एस. विभागामार्फत 'Cyber Security & Ethical Hacking' या विषयावर आयोजित एकदिवशीय कार्यशाळेमध्ये विद्यार्थ्यांना मार्गदर्शन करताना डॉ. चरणसिंग कायते (इन्स्टिट्युट ऑफ फॉरेन्सिक सायन्स, औरंगाबाद)

*Pudag*

HOD  
Dept. of BBA\_CA  
J. Somaiya College, Kopergaon

*Pan*  
Principal  
Principal

K. J. Somaiya College of Arts  
Commerce & Science, Kopergaon





Kopargaon Taluka Education Society's

## K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)

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SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

Principal : Dr. B. S. Yadav (M.Sc., Ph.D.)

Founder President : Late K. B. Rohamare (Ex. M.L.A.)

Ref. No. : 43/2018-19

Date : / /202

### Letter of Appreciation

It is to acknowledge that Prof. Charansing Kayate (Government Institute of Forensic, Aurangabad).

Delivered a lecture on "Cyber Security and Ethical Hacking" as a resource person. The said lecture took place on 18/11/2018 at sakarben hall. This lecture was jointly organised by the Internal Quality Assurance Cell of our college and the Department of BBA\_CA.

This is to present a certificate of appreciation for delivering a lecture and cooperating with us. We look forward for further cooperation with us in future.

Thank You,

Yours faithfully,

(Dr. B. S. Yadav)

Principal

K.J. Somaiya College of Arts  
Commerce & Science, Kopargaon





Kopargaon Taluka Education Society's  
**K. J. SOMAIYA COLLEGE OF ARTS, COMM. & SCIENCE, KOPARGAON.**

**DEPARTMENT OF PHYSICS**


**Certificate Course**

**Batch-I & Batch- II**

**Duration: 1<sup>st</sup> August 2018 to 31<sup>st</sup> October 2018**


**TIME-TABLE**

Theory/ Practical	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Theory Lecture	01.00 pm to 02.00 pm	Batch-I & II	Batch-I & II	Batch-I & II	---	---	---
Practical	02.00 pm to 04.00 pm	Batch-I	Batch- II	Batch-I	Batch- II	---	---

  
Course Co-ordinator  
(Ms. P. S. Ledha)

  
31/10/2018  
Dr. B. B. Bhosale  
Head, Dept. of Physics  
K. J. Somaiya College  
Kopargaon, Dist. A.Nagar

  
Prof. Vijay Thange  
Co-ordinator, IQAC  
K. J. Somaiya College, Kopargaon

  
Principal  
K. J. Somaiya College of Arts  
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's  
**K. J. SOMAIYA COLLEGE OF ARTS, COMM. & SCIENCE, KOPARGAON.**

**DEPARTMENT OF PHYSICS**


**Certificate Course**

**Batch- III**


**Duration: 20<sup>th</sup> November 2018 To 20<sup>th</sup> February 2019**

**TIME-TABLE**

Theory/ Practical	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Theory Lecture	01.00 pm to 02.00 pm	--	Batch-I & II	Batch-I & II	Batch-I & II	--	--
Practical	02.00 pm to 04.00 pm	--	Batch-I	Batch- II	Batch-I	Batch- II	--

  
Course Co-ordinator  
(Miss. P. S. Lodha)

  
**Prof. Vijay Thange**  
Co-ordinator, IQAC  
K. J. Somaiya College, Kopargaon

  
**Dr. B. B. Bhosale**  
Head, Dept. of Physics  
K. J. Somaiya College  
Kopargaon, Dist. A.Nagar

  
Principal  
K. J. Somaiya College of Arts  
Commerce & Science, Kopargaon



# K. J. SOMAIYA COLLEGE OF ARTS, COMM. & SCIENCE, KOPARGAON.

## DEPARTMENT OF PHYSICS

Certificate Course: [DURATION: 1<sup>ST</sup> AUGUST 2018 TO 31<sup>ST</sup> OCTOBER 2018]

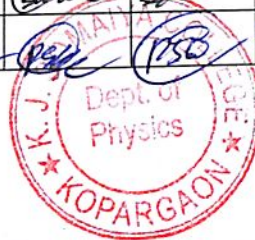
Batch-I: August 2018

Roll No.	Name of Student	1/8/18	2/8/18	3/8/18	6/8/18	7/8/18	8/8/18	13/8/18	14/8/18	20/8/18	21/8/18	22/8/18	27/8/18	28/8/18	29/8/18
01	Amolik Aniket S.	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS
02	Bondkhal Nikita B.	Nikita B	Nikita B	Nikita B	Nikita B	Nikita B	Nikita B	Nikita B	Nikita B	Nikita B	Nikita B	Nikita B	Nikita B	Nikita B	Nikita B
03	Chavan Shraddha J.	CSJ	CSJ	CSJ	CSJ	CSJ	CSJ	CSJ	CSJ	CSJ	CSJ	CSJ	CSJ	CSJ	CSJ
04	Darade Pooja G.	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
05	Deshmukh Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav
06	Gavhane Rupali S.	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali
07	Jejurkar Madhavi V.	Madhavi	Madhavi	Madhavi	Madhavi	Madhavi	Madhavi	Madhavi	Madhavi	Madhavi	Madhavi	Madhavi	Madhavi	Madhavi	Madhavi
08	Khandangale Jyoti P.	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
09	Kharat Satish M.	Satish	Satish	Satish	Satish	Satish	Satish	Satish	Satish	Satish	Satish	Satish	Satish	Satish	Satish
10	Kharse Pooja P.	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
11	Kole Akash R.	AKR	AKR	AKR	AKR	AKR	AKR	AKR	AKR	AKR	AKR	AKR	AKR	AKR	AKR
12	Landge Vaibhav B.	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav
13	Pawar Rohini A.	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini
14	Salve Dipali R.	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali
15	Sayyad Reshma A.	Reshma	Reshma	Reshma	Reshma	Reshma	Reshma	Reshma	Reshma	Reshma	Reshma	Reshma	Reshma	Reshma	Reshma
16	Shelke Dnyaneshwar	Dnyaneshwar	Dnyaneshwar	Dnyaneshwar	Dnyaneshwar	Dnyaneshwar	Dnyaneshwar	Dnyaneshwar	Dnyaneshwar	Dnyaneshwar	Dnyaneshwar	Dnyaneshwar	Dnyaneshwar	Dnyaneshwar	Dnyaneshwar
17	Shinde Manisha A.	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha
18	Abhale Anita R.	Anita	Anita	Anita	Anita	Anita	Anita	Anita	Anita	Anita	Anita	Anita	Anita	Anita	Anita
19	Barwant Harshada B.	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada
20	Dawange Pooja S.	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja

*Dr. P. S. Lodha*

Course Co-ordinator  
(Miss P. S. Lodha)

*Dr. P. B. Phosale*  
Head, Dept. of Physics  
K. J. Somaiya College  
Kopergaon, Dist. A. Nagar



*Principal*

K. J. Somaiya College of Arts  
Commerce & Science, Kopergaon



# K. J. SOMAIYA COLLEGE OF ARTS, COMM. & SCIENCE, KOPARGAON.

## DEPARTMENT OF PHYSICS

Certificate Course: [DURATION: 1<sup>ST</sup> AUGUST 2018 TO 31<sup>ST</sup> OCTOBER 2018]

Batch-I: September 2018

Roll No.	Name of Student	3/9/18	4/9/18	5/9/18	10/9/18	12/9/18	17/9/18	18/9/18	19/9/18	24/9/18	25/9/18	26/9/18	27/9/18	28/9/18	29/9/18
01	Amolik Aniket S.	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS
02	Bondkhal Nikita B.	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
03	Chavan Shraddha J.	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS
04	Darade Pooja G.	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG
05	Deshmukh Vaibhav	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS
06	Gavhane Rupali S.	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
07	Jejurkar Madhavi V.	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
08	Khandangale Jyoti P.	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS
09	Kharat Satish M.	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
10	Kharse Pooja P.	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP
11	Kole Akash R.	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
12	Landge Vaibhav B.	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB
13	Pawar Rohini A.	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA
14	Salve Dipali R.	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR
15	Sayyad Reshma A.	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
16	Shelke Dnyaneshwar	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS
17	Shinde Manisha A.	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA
18	Abhale Anita R.	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
19	Barwant Harshada B.	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR
20	Dawange Pooja S.	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS

*P. S. Lodha*  
Course Co-ordinator  
(Miss. P. S. Lodha)

*Dr. B. B. Phosale*  
Head, Dept. of Physics  
K. J. Somaiya College  
Kopargaoon, Dist. A. Nagar



*P. S. Lodha*  
Principal  
K. J. Somaiya College of Arts  
Commerce & Science, Kopargaoon



# K. J. SOMAIYA COLLEGE OF ARTS, COMM. & SCIENCE, KOPARGAON.

## DEPARTMENT OF PHYSICS

Certificate Course: [DURATION: 1<sup>ST</sup> AUGUST 2018 TO 31<sup>ST</sup> OCTOBER 2018]

Batch-I: October 2018

Roll No.	Name of Student	1/10/18	2/10/18	3/10/18	8/10/18	9/10/18	10/10/18	15/10/18	16/10/18	17/10/18	22/10/18	23/10/18	24/10/18	29/10/18	30/10/18
01	Amolik Aniket S.	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
02	Bondkhal Nikita B.	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
03	Chavan Shraddha J.	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS
04	Darade Pooja G.	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG	PG
05	Deshmukh Vaibhav	DV	DV	DV	DV	DV	DV	DV	DV	DV	DV	DV	DV	DV	DV
06	Gavhane Rupali S.	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR
07	Jejurkar Madhavi V.	JM	JM	JM	JM	JM	JM	JM	JM	JM	JM	JM	JM	JM	JM
08	Khandangale Jyoti P.	JP	JP	JP	JP	JP	JP	JP	JP	JP	JP	JP	JP	JP	JP
09	Kharat Satish M.	KS	KS	KS	KS	KS	KS	KS	KS	KS	KS	KS	KS	KS	KS
10	Kharse Pooja P.	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK
11	Kole Akash R.	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK
12	Landge Vaibhav B.	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
13	Pawar Rohini A.	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA
14	Salve Dipali R.	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR
15	Sayyad Reshma A.	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
16	Shelke Dnyaneshwar	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD
17	Shinde Manisha A.	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
18	Abhale Anita R.	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
19	Barwant Harshada B.	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR
20	Dawange Pooja S.	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS

*R. S. Lodha*  
Course Co-ordinator  
(Miss. P. S. Lodha)

*Dr. B. B. Bhosale*  
Head, Dept. of Physics  
K. J. Somaiya College  
Kopergaon, Dist. A. Nagar



*Poo*  
Principal  
K. J. Somaiya College of Arts  
Commerce & Science, Kopergaon



**K. J. SOMAIYA COLLEGE OF ARTS, COMM. & SCIENCE, KOPARGAON.**

**DEPARTMENT OF PHYSICS**

**Certificate Course: [DURATION: 1<sup>ST</sup> AUGUST 2018 TO 31<sup>ST</sup> OCTOBER 2018]**

**Batch-II: August 2018**

Roll No.	Name of Student	1/8/18	2/8/18	3/8/18	6/8/18	7/8/18	8/8/18	13/8/18	14/8/18	20/8/18	21/8/18	22/8/18	27/8/18	28/8/18	29/8/18
21	Gade Ashwini S.	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini
22	Gavhane Rajshri N.	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G
23	Gawali Priti R.	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR
24	Gawali Yogita G.	Yoga	Yoga	Yoga	Yoga	Yoga	Yoga	Yoga	Yoga	Yoga	Yoga	Yoga	Yoga	Yoga	Yoga
25	Jondhale Nikita B.	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
26	Kakad Sunita D.	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D
27	Kawade Dipali D.	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD
28	Khalkar Pratiksha S.	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha
29	Khapke Aniket B.	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB
30	Landge Varsha S.	VSL	VSL	VSL	VSL	VSL	VSL	VSL	VSL	VSL	VSL	VSL	VSL	VSL	VSL
31	Magar Kajol D.	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD
32	Mahale Samruddhi S.	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S
33	Pagare Prerana S.	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS
34	Raktate Sonali M.	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM
35	Sonawane Omkar R.	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS
36	Thorat bhushan S.	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST
37	Varpe Manjusha S.	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS
38	Wakchaure Komal B.	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW
39	Nikam Rushikesh S.	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS

*P. S. Lodha*

Course Co-ordinator  
(Miss. P. S. Lodha)

*Dr. B. B. Bhosale*  
31.10.18

Dr. B. B. Bhosale  
Head, Dept. of Physics  
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Kopargaoon, Dist. A.Nagar



*B. B.*

Principal  
K. J. Somaiya College of Arts  
Commerce & Science, Kopargaoon



# K. J. SOMAIYA COLLEGE OF ARTS, COMM. & SCIENCE, KOPARGAON.

## DEPARTMENT OF PHYSICS

Certificate Course: [DURATION: 1<sup>ST</sup> AUGUST 2018 TO 31<sup>ST</sup> OCTOBER 2018]

Batch-II: September 2018

Roll No.	Name of Student	3/9/18	4/9/18	5/9/18	10/9/18	12/9/18	17/9/18	18/09/18	19/9/18	24/9/18	25/9/18	26/9/18	27/9/18	28/9/18	29/9/18
21	Gade Ashwini S.	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini
22	Gavhane Rajshri N.	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G
23	Gawali Priti R.	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR
24	Gawali Yogita G.	YGT	YGT	YGT	YGT	YGT	YGT	YGT	YGT	YGT	YGT	YGT	YGT	YGT	YGT
25	Jondhale Nikita B.	NJB	NJB	NJB	NJB	NJB	NJB	NJB	NJB	NJB	NJB	NJB	NJB	NJB	NJB
26	Kakad Sunita D.	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D	\$D
27	Kawade Dipali D.	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD
28	Khalkar Pratiksha S.	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha
29	Khapke Aniket B.	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB
30	Landge Varsha S.	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS
31	Magar Kajol D.	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD
32	Mahale Samruddhi S.	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S	M.S.S
33	Pagare Prerana S.	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS
34	Raktate Sonali M.	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM	SRM
35	Sonawane Omkar R.	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS
36	Thorat bhushan S.	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST
37	Varpe Manjusha S.	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS
38	Wakchaure Komal B.	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW	KomalBW
39	Nikam Rushikesh S.	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS

*RS Lodha*  
Course Co-ordinator  
(Miss. P. S. Lodha)

*Dr. B. B. Phosale*  
Head, Dept. of Physics  
K. J. Somaiya College  
Kopargaon, Dist. A. Nagar



*B*  
Principal  
K. J. Somaiya College of Arts  
Commerce & Science, Kopargaon



**K. J. SOMAIYA COLLEGE OF ARTS, COMM. & SCIENCE, KOPARGAON.**

**DEPARTMENT OF PHYSICS**

**Certificate Course: [DURATION: 1<sup>ST</sup> AUGUST 2018 TO 31<sup>ST</sup> OCTOBER 2018]**

**Batch-II: October 2018**

Roll No.	Name of Student	1/10/18	2/10/18	3/10/18	8/10/18	9/10/18	10/10/18	15/10/18	16/10/18	17/10/18	22/10/18	23/10/18	24/10/18	29/10/18	30/10/18
21	Gade Ashwini S.	<del>Ashwini</del>	<del>Ashwini</del>	<del>Ashwini</del>	<del>Ashwini</del>	<del>Ashwini</del>	<del>Ashwini</del>	<del>Ashwini</del>	<del>Ashwini</del>	<del>Ashwini</del>	<del>Ashwini</del>	<del>Ashwini</del>	<del>Ashwini</del>	<del>Ashwini</del>	<del>Ashwini</del>
22	Gavhane Rajshri N.	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G	R.N.G
23	Gawali Priti R.	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR	GawaliPR
24	Gawali Yogita G.	Ygg	Ygg	Ygg	Ygg	Ygg	Ygg	Ygg	Ygg	Ygg	Ygg	Ygg	Ygg	Ygg	Ygg
25	Jondhale Nikita B.	NBS	NBS	NBS	NBS	NBS	NBS	NBS	NBS	NBS	NBS	NBS	NBS	NBS	NBS
26	Kakad Sunita D.	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD
27	Kawade Dipali D.	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD	KDD
28	Khalkar Pratiksha S.	<del>Pratiksha</del>	<del>Pratiksha</del>	<del>Pratiksha</del>	<del>Pratiksha</del>	<del>Pratiksha</del>	<del>Pratiksha</del>	<del>Pratiksha</del>	<del>Pratiksha</del>	<del>Pratiksha</del>	<del>Pratiksha</del>	<del>Pratiksha</del>	<del>Pratiksha</del>	<del>Pratiksha</del>	<del>Pratiksha</del>
29	Khapke Aniket B.	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB	KhapkeAB
30	Landge Varsha S.	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS
31	Magar Kajol D.	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD	KajolMD
32	Mahale Samruddhi S.	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
33	Pagare Prerana S.	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS	PagarePS
34	Raktate Sonali M.	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
35	Sonawane Omkar R.	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS	ORS
36	Thorat bhushan S.	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST
37	Varpe Manjusha S.	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS	VMS
38	Wakchaure Komal B.	KomalWB	KomalWB	KomalWB	KomalWB	KomalWB	KomalWB	KomalWB	KomalWB	KomalWB	KomalWB	KomalWB	KomalWB	KomalWB	KomalWB
39	Nikam Rushikesh S.	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS	NRS

Course Co-ordinator  
(Miss. P. S. Lodha)

Dr. B. B. Bhosale  
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Commerce & Science, Kopergaon



# K. J. SOMAIYA COLLEGE OF ARTS, COMM. & SCIENCE, KOPARGAON.

## DEPARTMENT OF PHYSICS

Certificate Course: [DURATION: 20<sup>TH</sup> NOVEMBER 2018 TO 20<sup>TH</sup> FEBRUARY 2019]

Batch-III: November-December 2018

Roll No.	Name of Student	20/11/18	21/11/18	23/11/18	26/11/18	27/11/18	28/11/18	4/12/18	5/12/18	5/12/18	10/11/18	11/12/18	12/11/18	17/11/18	18/11/18
01	Miss. Abhale Arti K	Able	Able	Able	Able	Able	Able	Able	Able	Able	Able	Able	Able	Able	Able
02	Ms. Adik Poonam D	Adi	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P
03	Miss. Adik Nikita S	Any	Any	Any	Any	Any	Any	Any	Any	Any	Any	Any	Any	Any	Any
04	Miss. Ahire Nisha M	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire
05	Bakale Lakhan K	Bak	Bak	Bak	Bak	Bak	Bak	Bak	Bak	Bak	Bak	Bak	Bak	Bak	Bak
06	Dabhade Deepali N	Dali	Dali	Dali	Dali	Dali	Dali	Dali	Dali	Dali	Dali	Dali	Dali	Dali	Dali
07	Dhanwate Varsha V.	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan
08	Dighe Archana R.	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar
09	Jadhav Gajendra R.	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga
10	Jadhav Yogita D.	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo
11	Kekan Monali S.	Kony	Kony	Kony	Kony	Kony	Kony	Kony	Kony	Kony	Kony	Kony	Kony	Kony	Kony
12	Mhaske Gayatri S.	M.G.S.	M.G.S.	M.G.S.	M.G.S.	M.G.S.	M.G.S.	M.G.S.	M.G.S.	M.G.S.	M.G.S.	M.G.S.	M.G.S.	M.G.S.	M.G.S.
13	Nagpure Mayur N.	MPux	MPux	MPux	MPux	MPux	MPux	MPux	MPux	MPux	MPux	MPux	MPux	MPux	MPux
14	Odhnae Medha V.	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med
15	Padade Kajal B.	PadadeB	PadadeB	PadadeB	PadadeB	PadadeB	PadadeB	PadadeB	PadadeB	PadadeB	PadadeB	PadadeB	PadadeB	PadadeB	PadadeB
16	Pathan Javed S.	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed
17	Pawar Pratiksha S.	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Sayyad Afrin M.	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad
19	Tamhane Pooja R.	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
20	Tupake Senehal B.	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal
21	Valte Pranita C.	Pravate	Pravate	Pravate	Pravate	Pravate	Pravate	Pravate	Pravate	Pravate	Pravate	Pravate	Pravate	Pravate	Pravate
22	Varule Rani S.	V.R.	V.R.	V.R.	V.R.	V.R.	V.R.	V.R.	V.R.	V.R.	V.R.	V.R.	V.R.	V.R.	V.R.

Course Co-ordinator  
(Miss. P. S. Lodha)

Dr. P. B. Bhosale  
Head, Dept. of Physics  
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Commerce & Science, Kopargaon



**K. J. SOMAIYA COLLEGE OF ARTS, COMM. & SCIENCE, KOPARGAON.**

**DEPARTMENT OF PHYSICS**

**Certificate Course: [DURATION: 20<sup>TH</sup> NOVEMBER 2018 TO 20<sup>TH</sup> FEBRUARY 2019]**

**Batch-III: December 2018- January 2019**

Roll No.	Name of Student	19/12/18	24/12/18	25/12/18	26/12/18	31/12/18	01/01/19	02/01/19	07/01/19	08/01/19	08/01/19	14/01/19	15/01/19	16/01/19	21/01/19
01	Miss. Abhale Arti K	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti
02	Ms. Adik Poonam D	Adip	Adip	Adip	Adip	Adip	Adip	Adip	Adip	Adip	Adip	Adip	Adip	Adip	Adip
03	Miss. Adik Nikita S	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi
04	Miss. Ahire Nisha M	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire
05	Bakale Lakhan K	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak
06	Dabhade Deepali N	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali
07	Dhanwate Varsha V.	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan
08	Dighe Archana R.	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar
09	Jadhav Gajendra R.	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga
10	Jadhav Yogita D.	JyD	JyD	JyD	JyD	JyD	JyD	JyD	JyD	JyD	JyD	JyD	JyD	JyD	JyD
11	Kekan Monali S.	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry
12	Mhaske Gayatri S.	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S
13	Nagpure Mayur N.	Mpur	Mpur	Mpur	Mpur	Mpur	Mpur	Mpur	Mpur	Mpur	Mpur	Mpur	Mpur	Mpur	Mpur
14	Odhnae Medha V.	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med
15	Padade Kajal B.	Kadade	Kadade	Kadade	Kadade	Kadade	Kadade	Kadade	Kadade	Kadade	Kadade	Kadade	Kadade	Kadade	Kadade
16	Pathan Javed S.	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed
17	Pawar Pratiksha S.	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Sayyad Afrin M.	Sayyd	Sayyd	Sayyd	Sayyd	Sayyd	Sayyd	Sayyd	Sayyd	Sayyd	Sayyd	Sayyd	Sayyd	Sayyd	Sayyd
19	Tamhane Pooja R.	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
20	Tupake Senehal B.	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal
21	Valte Pranita C.	Povate	Povate	Povate	Povate	Povate	Povate	Povate	Povate	Povate	Povate	Povate	Povate	Povate	Povate
22	Varule Rani S.	Vrs	Vrs	Vrs	Vrs	Vrs	Vrs	Vrs	Vrs	Vrs	Vrs	Vrs	Vrs	Vrs	Vrs

*P. S. Lodha*  
Course Co-ordinator  
(Miss. P. S. Lodha)

*Dr. P. B. Phosale*  
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*P. B. Phosale*  
Principal  
K. J. Somaiya College of Arts  
Commerce & Science, Kopergaon



# K. J. SOMAIYA COLLEGE OF ARTS, COMM. & SCIENCE, KOPARGAON.

## DEPARTMENT OF PHYSICS

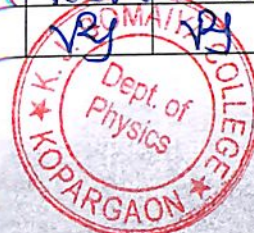
Certificate Course: [DURATION: 20<sup>TH</sup> NOVEMBER 2018 TO 20<sup>TH</sup> FEBRUARY 2019]

Batch-III: January-February 2019

Roll No.	Name of Student	22/01/19	23/01/19	28/01/19	29/01/19	30/01/19	04/02/19	05/02/19	06/02/19	11/02/19	12/02/19	13/02/19	18/02/19	19/02/19	20/02/19
01	Miss. Abhale Arti K	Akle	Akle	Akle	Akle	Akle	Akle	Akle	Akle	Akle	Akle	Akle	Akle	Akle	Akle
02	Ms. Adik Poonam D	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P	Adi.P
03	Miss. Adik Nikita S	Any	Any	Any	Any	Any	Any	Any	Any	Any	Any	Any	Any	Any	Any
04	Miss. Ahire Nisha M	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire
05	Bakale Lakhan K	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak	Lbak
06	Dabhade Deepali N	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali	Pali
07	Dhanwate Varsha V.	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan	Vdan
08	Dighe Archana R.	R	R	R	R	R	R	R	R	R	R	R	R	R	R
09	Jadhav Gajendra R.	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga	Gajga
10	Jadhav Yogita D.	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo	Jyo
11	Kekan Monali S.	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry	Kry
12	Mhaske Gayatri S.	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S	M.G.S
13	Nagpure Mayur N.	Mpn	Mpn	Mpn	Mpn	Mpn	Mpn	Mpn	Mpn	Mpn	Mpn	Mpn	Mpn	Mpn	Mpn
14	Odhnae Medha V.	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM
15	Padade Kajal B.	Padade	Padade	Padade	Padade	Padade	Padade	Padade	Padade	Padade	Padade	Padade	Padade	Padade	Padade
16	Pathan Javed S.	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed	Javed
17	Pawar Pratiksha S.	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Sayyad Afrin M.	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad
19	Tamhane Pooja R.	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
20	Tupake Senehal B.	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal	Senal
21	Valte Pranita C.	Pevate	Pevate	Pevate	Pevate	Pevate	Pevate	Pevate	Pevate	Pevate	Pevate	Pevate	Pevate	Pevate	Pevate
22	Varule Rani S.	Vy	Vy	Vy	Vy	Vy	Vy	Vy	Vy	Vy	Vy	Vy	Vy	Vy	Vy

*pslodha*  
Course Co-ordinator  
(Miss. P. S. Lodha)

*Dr. P. B. Phasale*  
Head, Dept. of Physics  
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*MVA*

*Poo*  
Principal  
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Kopargaon Taluka Education Society's

**K. J. Somaiya College of Arts, Commerce and Science, Kopargaon-423601**

**DEPARTMENT OF PHYSICS**

**Academic Year: 2018-19**

**REPORT**

Name of Certificate Course	'C'- Programming Language
Date & Duration	1) 1 <sup>st</sup> Aug 2018 to 31 <sup>st</sup> Oct 2018, 36 Hrs. 2) 20 <sup>th</sup> Nov 2018 to 20 <sup>th</sup> Feb 2019, 36 Hrs.
Name of Faculty	Science
Number of Participant enrolled	61
Venue	Department of Computer Science

**Brief Summary of Activity:**

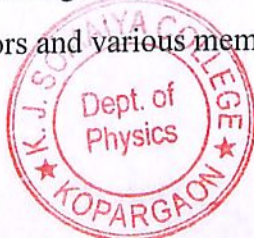
Department of Physics runs certificate course in 'C'- Programming Language. The objective of the course: Programming basics and the fundamentals of C, Data types in C, Mathematical and logical operations, Using if statement and loops, Arranging data in arrays, Implementing pointers & File management and dynamic memory allocation

The course content is made available to the students. Hon. Principal Dr. B. S Yadav inaugurated this course.

**Course outcomes:**

After completion of this course student will be able

- Develop a C program
- Control the sequence of the program and give logical outputs
- Implement strings in your C program
- Store different data types in the same memory
- Manage I/O operations in your C program
- Repeat the sequence of instructions and points for a memory location
- Apply code reusability with functions and pointers
- Understand the basics of file handling mechanisms
- Explain the uses of pre-processors and various memory models



*Dr. B. S. Bhosale*  
21/2/2019  
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