



R. C. Patel Educational Trust's
R. C. Patel Arts, Commerce and Science College
Shirpur-425405, Karvand Naka, Dist.- Dhule (Maharashtra)
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Affiliated to: K. B. C. North Maharashtra University, Jalgaon-425001

Self Study Report (SSR): 2024 (4th Cycle)



Criteria - 5
Student Support and Progression

Key Indicator - 5.1
Student Support

Metric No. - 5.1.2 (QnM)
Following capacity development and skills enhancement activities are organised for improving students' capability

Submitted to
National Assessment and Accreditation Council, Bangalore



R. C. Patel Educational Trust's

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President

Hon. Bhupeshbhai Patel

Principal

Dr. D. R. Patil

Date: 15/06/2024

Declaration

This is to declare that, the information, reports, true copies of the supporting documents, numerical data etc. submitted in these files is verified by Internal Quality Assurance Cell (IQAC) and it is correct as per the office record.

This declaration is for the purpose of NAAC accreditation of the HEI for the 4th cycle assessment period 2018-19 to 2022-23.

Place: Shirpur

Date: 15/06/2024

Dr. Sandip P. Patil

IQAC Co-ordinator

IQAC Coordinator

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce and Science College

Shirpur, Dist.-Dhule (M.S.) 425405



Dr. D. R. Patil

IQAC Chairman & Principal

PRINCIPAL

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce and Science College

Shirpur, Dist.-Dhule (M.S.) 425405

Criterion-V

Student Support and Progression

Key Indicator: 5.1.2: Student Support



INDEX

Sr. No.	Particulars	Page No.
1.	2022-23	5-6
	1. Current IT Trends for BCA students	5-6
2.	2021-22	7-30
	1. National Seminar On Data Science	7-11
	2. Workshop on Personality & Development	12-19
	3. State Level Programming Contest C/C++	20-21
	4. State Level Programming Contest Techno Case C++	22-25
	5. IT-Cyber Security	26-30
3.	2020-21	31-39
	1. Awareness to Cyber security	31-32
	2. ICT/computing skills –Bioinformatics	33-39
4.	2019-20	40-43
	1. IT-Cyber security	40-43
5.	2018-19	44-45
	1. IT-Cyber security	44-45

Name of Activity: Current IT Trends

Date: 13/03/2023

Time: 10 am to 12pm

Name of Guest:

Ms. Geeta Sonawane (Manager at Cognizant)

Vice Principal . Dr. A. M. Patil ,

Prof. Manasi Vaidya (HOD Com. App. & Mag. Studies)

No. of beneficiaries: 100 Students

Objective of Activity:-

- The main objective behind organizing this seminar is to discuss the current technologies of IT industry among the faculties and students of Computer Application and Computer Science.
- The objective of seminar is that academicians should know the technologies and current trends of software development so that those subjects and technologies can be included in academic and special training programs can be organized.
- This will lead to the fulfillment of industry requirements from graduates and post graduate candidates and will help the students to get the career opportunity.

Program in Brief:-

- The Computer Application department of College of Arts, Science and Commerce, Shirpur organized a guest lecture on March 13, 2023 for BCA . Computer Application students.
- Ms Geeta Sonawane was invited as the speaker for the seminar on "Recent Trends in Information Technology(I.T.)".
- She possessed over 10 years of experience in Information Technology(I.T.) field and in different IT domains. She shared his industry experiences and explained in detail the latest technologies like Business Intelligence, Networking, Internet of Things (IoT), etc enhancing in I.T. field. She also spoke on career perspective domains in I.T. industries for the students.

Outcome of Activity: -

- The feedback from the participants indicated that the objectives of the Seminar was fulfilled.
- The topics and presentations by speakers were of high quality. The one-day State Level seminar on "Current IT Trends" was found to be a practical model for an initial attempt to aware faculty and students about NLP, IoT and Deep Learning.

Glimpses of program:



Guest lecture by Ms. Geeta Sonawane (Manager, Cognizant)

National Seminar on Data Science

Organized by

Training and Placemen Cell

Road Map

- What is Data Science
- Data Science & Machine Learning
- Supervised Learning
- Learning With Tree
- Understanding Decision
- Information Gain – Entropy
- Gini Index – Branch
- Demonstration

Zoom Meeting Interface (Participants: 169):

- Find a participant
- AB Anagha Bholane (Me)
- P Prof.B.S.Panchbhai (Host)
- VM Varsha M. Pathak (Co-host)
- AJ Anand J.Maheshwari (Co-host)
- PM Prof. Manasi Vaidya (Co-host)
- AP Aakash patil
- AK Akshay Kalal
- Invite
- Unmute Me

Machine Learning is the backbone of data science

A robot driving learning problem

Identifying the astr shapes

Two views of the same two wind turbines

Zoom Meeting Interface (Participants: 172):

- Find a participant
- AB Anagha Bholane (Me)
- P Prof.B.S.Panchbhai (Host)
- VM Varsha M. Pathak (Co-host)
- PM Prof. Manasi Vaidya (Co-host)
- AJ Anand J.Maheshwari (Co-host)
- AK Akshay Kalal
- AG Amisha Gavit
- Invite
- Unmute Me

Training Dataset

age	income	student	credit_rating	buys_computer
<=30	high	no	fair	no
<=30	high	no	excellent	no
31...40	high	no	fair	yes
>40	medium	no	fair	yes
>40	low	yes	fair	yes
>40	low	yes	excellent	no
31...40	low	yes	excellent	yes
<=30	medium	no	fair	no
<=30	low	yes	fair	yes
>40	medium	yes	fair	yes
<=30	medium	yes	excellent	yes
31...40	medium	no	excellent	yes
31...40	high	yes	fair	yes
>40	medium	no	excellent	no

17

```

graph TD
    Weather[Weather] --> Sunny[Sunny]
    Weather --> Cloudy[Cloudy]
    Weather --> Rainy[Rainy]
    Sunny --> Humidity[Humidity]
    Humidity --> Normal[Normal]
    Normal --> Yes1[Yes]
    Humidity --> High[High]
    High --> No1[No]
    Cloudy --> Yes2[Yes]
    Rainy --> No2[No]
  
```

```

import matplotlib.pyplot as plt
from sklearn.datasets import load_iris
from sklearn.datasets import load_breast_cancer
from sklearn.datasets import load_boston
from sklearn.tree import DecisionTreeClassifier
from sklearn import metrics #Import scikit-learn metrics module for accuracy calculation
from sklearn.ensemble import RandomForestClassifier
from sklearn.model_selection import train_test_split
import pandas as pd
import numpy as np
from sklearn import tree

data_iris = load_breast_cancer()
data_iris
  
```

Recording You are viewing Mahesh Bhandari's screen View Options

Now data is Big data!

- No single standard definition!
- 'Big-data' is similar to 'Small-data', but bigger
...but having data bigger consequently requires different approach
 - techniques, tools and architectures

...to solve: new problems
...and, of course, in a better way

Big data is data whose scale, diversity, and complexity require new architecture, techniques, algorithms, and analytics to manage it and extract value and hidden knowledge from it...

Participants (128)

Q Find a participant

- AB Anagha Bholane (Me)
- P Prof.B.S.Panchbhai (Host)
- MB Mahesh Bhandari (Co-host)
- AJ Anand J.Maheshwari (Co-host)
- PM Prof. Manasi Vaidya (Co-host)
- IB (372279) Borse Nikita Ravindra
- AK Aadiya Kulkarni
- AK Akshay Kalal
- AN Anjali Naawal
- AP Anika Patil
- AP ASHA PATIL
- AG Avantika Girase

Invite Unmute Me Leave

Umute Start Video Participants Share Screen Record Reactions

Recording Zoom Meeting

Participants (132)

Q Find a participant

- AB Anagha Bholane (Me)
- P Prof.B.S.Panchbhai (Host)
- AJ Anand J.Maheshwari (Co-host)
- MB Mahesh Bhandari (Co-host)
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- AK Akshay Kalal
- AG Amisha Gavit
- AN Anjali Naawal
- AP Arun Patil(vice-Principal)
- AT Ashwini thorat
- AG Avantika Girase
- BC bhagyashri chachare
- BP Bhagesh Patil
- BS Bhavesh Satish Patil

Invite Mute Me

Prof. Manasi Vaidya Anagha Bholane Pushendra Chaudhari Prof.B.S.Panchbhai Anand J.Maheshwari

S.D More mayur patil Mahesh Bhandari sapana khairnar Arun Patil(vice-Principal)

KalyaniRajput Jayesh Suryawanshi Komal Sonar Dhananjay Deore Girase Pranjali Mahendrasing

Akshay Kalal Parideshi Ruchita Santoshising Vjaya Jagruti Jadhav(msc) Roshan Nikumbhe

Jayashri Dore manoj mhatre Patil Ipekshi Ravindra syboc Jagruti mahajan(RCACS) bhagyashri chachare

1:50 PM 4/29/2022

Recording Zoom Meeting

Participants (132)

Q Find a participant

- AB Anagha Bholane (Me)
- P Prof.B.S.Panchbhai (Host)
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S.D More mayur patil Mahesh Bhandari sapana khairnar Arun Patil(vice-Principal)

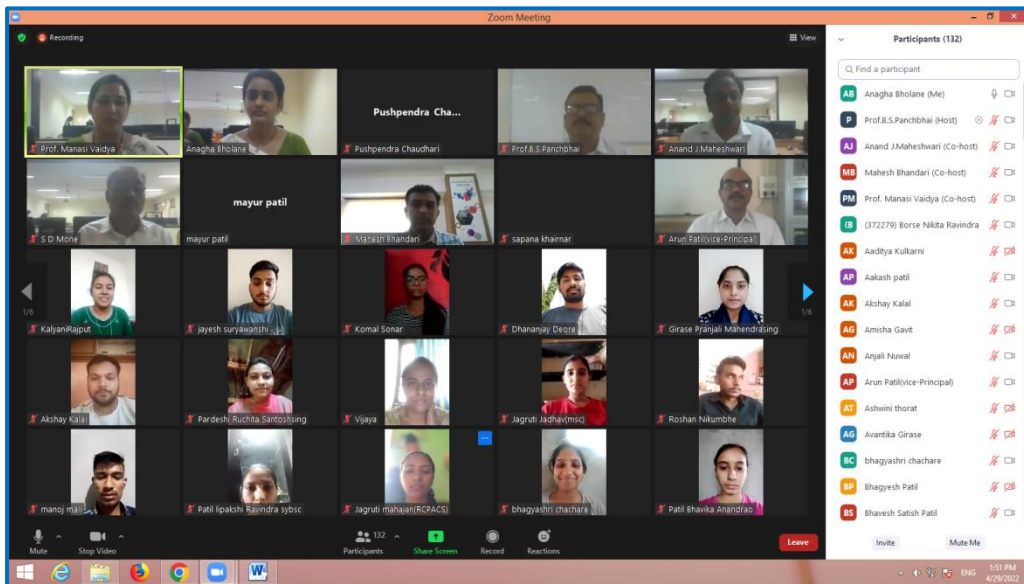
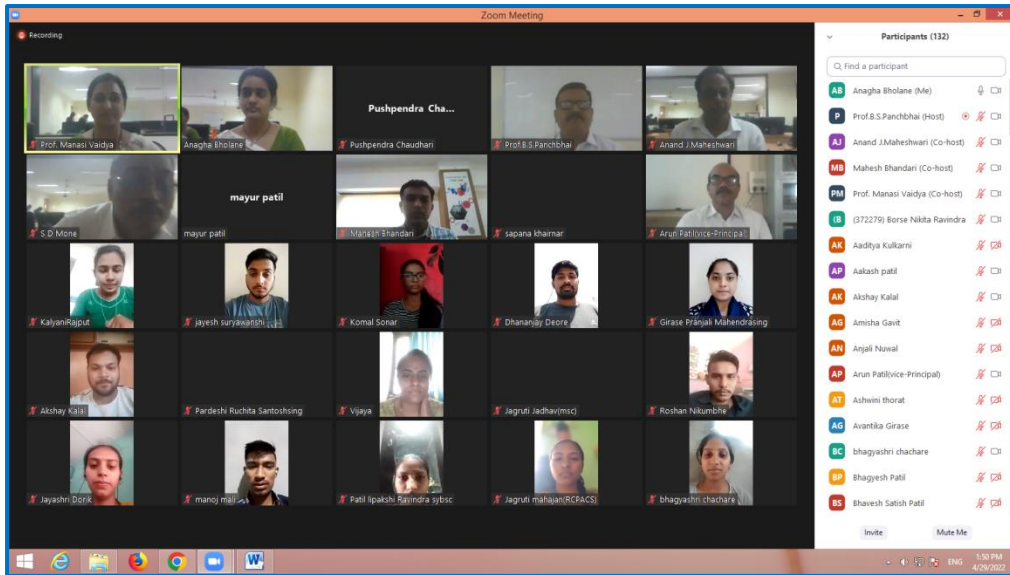
KalyaniRajput Jayesh Suryawanshi Komal Sonar Dhananjay Deore Girase Pranjali Mahendrasing

Akshay Kalal Parideshi Ruchita Santoshising Vjaya Jagruti Jadhav(msc) Roshan Nikumbhe

manoj mhatre Patil Ipekshi Ravindra syboc Jagruti mahajan(RCACS) bhagyashri chachare Patil Bhavika Anandipr

1:51 PM 4/29/2022

Online Attendance



Workshop on Personality & Development

Organized by
Training and Placemen Cell
&
Rubicon Foundation, Pune

Objectives:

1. Self-awareness: Helping students understand their strengths and weaknesses.
2. Effective communication skills: Enhancing verbal and non-verbal expression.
3. Leadership qualities: Developing leadership skills.
4. Emotional intelligence: Building empathy and self-awareness.
5. Time management: Maximizing productivity.
6. Teamwork and collaboration: Fostering effective group dynamics.

Program Details:

Training and Placement cell of our college successfully conducted workshop on “Personality and Development at Seminar Hall, as on 29th March 2022 for BCA Students.

Additionally, workshops may include specific programs like communication skills training, leadership development, and networking events to expand students’ horizons¹². Remember, these workshops aim to bring about holistic personality development, equipping students for success in both their academic and professional lives.

Date: 29th March 2022

Class and Participants: BCA (127 Students)

Venue: Seminar Hall, R.C Patel ACS College, Shirpur.

Outcomes of Workshop:

Participants gain insights into their personality traits, strengths, weaknesses, and behavioral patterns, insights into their personality traits, strengths, weaknesses, and behavioral patterns, insights into their personality traits, strengths, weaknesses, and behavioral patterns. Increase there

Outline of Training

New Hire Training/ Personality Development/ Employability Skills			
Sr. No.	Topic	Learning Objectives	Duration
1	Expectation setting	To learn Industry expectations from fresher's	1
2	Ice breaking	To know more about the trainer & candidates	1
3	Organizational Structure	To learn Organizational structure	2
4	SWOT Analysis	To identify their Strength/Weakness/Opportunities/ Threat	2
5	Corporate Jargons	To learn most commonly used words in corporates	1
6	Public Speaking	To eliminate stage fear	2
7	Presentation Skills	To articulate your thoughts through Power point presentation	2
8	E-mail Etiquette	To learn E-mail writing skills	2
9	Grooming	Dress to impress/ Proximity/ Personal hygiene/	2
10	Body language	To learn positive body language	1
11	Telephone Etiquette	To handle telephonic round of interview/ To learn call mechanics	2
12	Group Discussion	To assess candidates' public speaking skills	2
13	Personal Interview	To perform well during interviews	4
Total			24 hrs.

About Rubicon

Rubicon was incepted with a dream of a world where every youth has the power to transform lives for themselves and others around them. We strongly believe that every youth has the potential to make a difference in their personal lives as well as the community around them. We build competencies, which would help youth seek careers and prosper in their career of choice. We bring excitement into learning by developing and harnessing their curiosity and intrinsic motivation for learning.

Rubicon's "Life skills" Program, supported by Barclays, aims to improve the youth's employability skills. This initiative is supported by Barclays. Under this program, students will be trained by Corporate Trainers to enhance their Life skills which would help them significantly to increase their chance of

succeeding in a job interview. This program is being launched with a limited no of colleges in India.

We are looking forward to partner with your institute and plan to run the below initiatives:

1. 24 hrs. classroom training on Interview Skills (Details mentioned below). Due to lockdown, this is divided into two parts – 18 hours virtual and 6 hours classroom training. 18 hours of virtual training will be delivered by a Corporate Trainer using Zoom/Webex as a platform – training will be conducted 2 hours per day for 9 days. 6 hours of face-to-face training will be done once the lockdown is lifted and before the campus placement starts.

2. Industry visit of students to various organizations.

3. Post Placement Mentoring and Career Counseling support to placed students for one year.

In Life Skills training, we will be covering the below topics:

1. Organizational Structure
2. Public Speaking
3. Presentation Skills
4. E-mail Etiquette
5. Grooming
6. Group Discussion
7. Personal Interview
8. Assessment will be conducted on Group Discussion and Personal Interviews.

Certificate



CERTIFICATE OF PARTICIPATION

THE CERTIFICATE IS PRESENTED TO:

Kunal Chandrakant Wagh

For successfully completing 3 days training from 08th September 2022 to 10th September 2022
on "Employability Skills" under "LifeSkills" program organized by Rubicon
at R.C.Patel. Arts, Commerce & Science College, Dhule, Maharashtra.

A handwritten signature in black ink, reading "Dhanya", written over a horizontal line.

Dhanya Narayanan
Chief Operating Officer

Attendace of Students

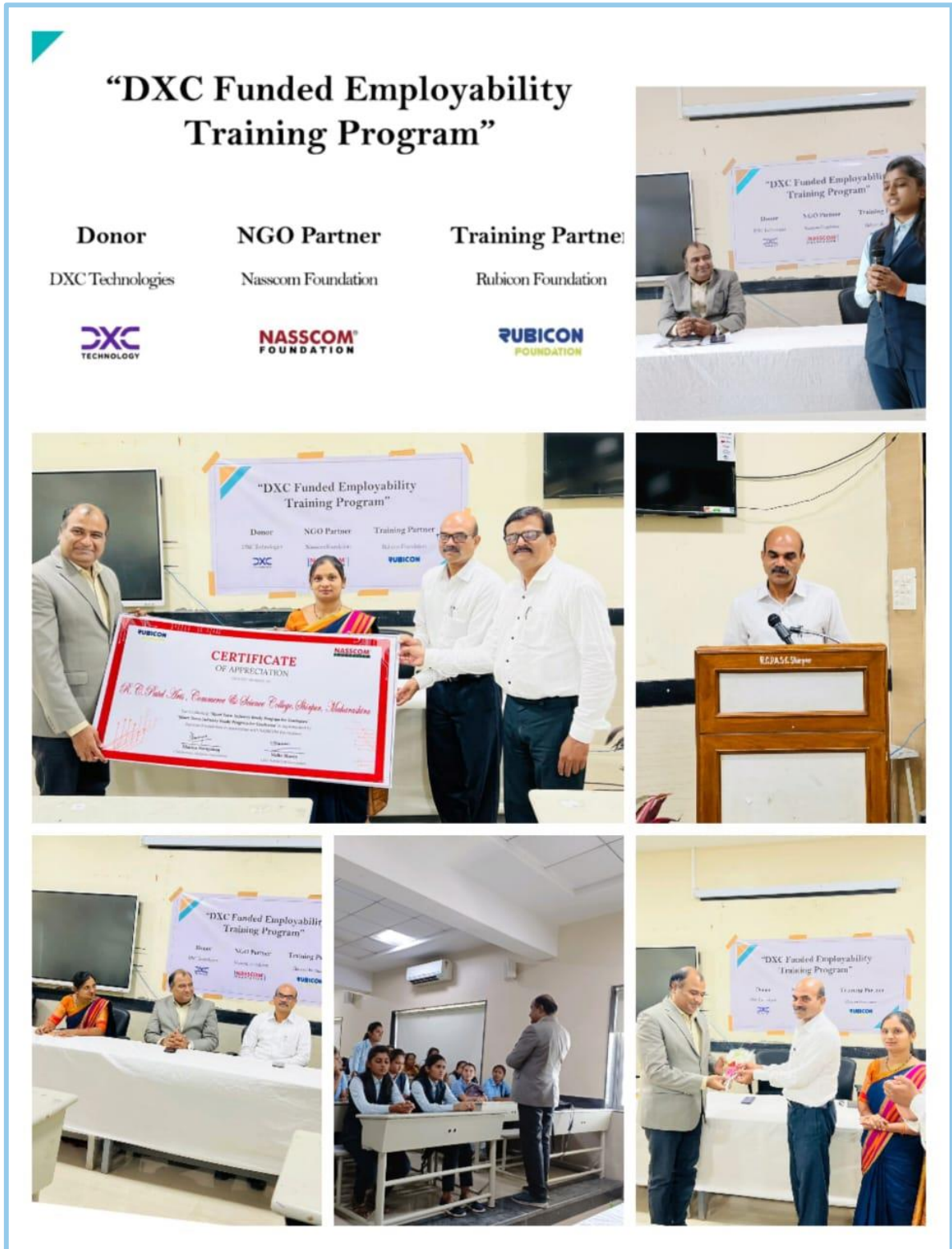
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124	Simran Bodani	simranbodani2905@gmail.com	'+918600482752
125	Chaitanya Bhamare	chetu.bhamare.a2001@gmail.com	'+917666774784

126	Shubham Bhamare	shubhambhamare8563@gmail.com	+919309101903
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R.C. Patel Arts , Commerce and Science College, Shirpur

Department of Computer Science

State level C/C++ Programming Competition 2021-22

ATSS's	
Institute of Industrial and Computer Management and Research, Nigdi	
TECHNOCASE 2021-2022 (30 Dec.2021 & 31 Dec.2021)	
Details of Round 1	
Name of the College	R.C. Patel Arts , Commerce and Science College , Shirpur
Name of the Principal	Dr.D.R. Patil
Contact Details of the Principal	02563-257328
Phone no	9422153765
Email -id	dr.drpatil@gmail.com
Name of the HOD	Bhanudas Suresh Panchabhai
Contact Details of the HOD	02563-257328
Phone no	9420404579
Email-id	bharat.panchbhai@gmail.com
Name of the Co-Ordinator	Bhanudas Suresh Panchabhai
Contact Details of the Co-Ordinator	9420404579
Phone no	9420404579
Email -id	bharat.panchbhai@gmail.com
Stream Name:BSC/BCA/BBA-CA/Others	BSC/BCA
Total Strength of 3rd years stream wise	
BSC	40
BCA	4028
BBA	
Others	

देशोन्नती

पटेल महाविद्यालयात ऑन लाईन राज्यस्तरीय सी व सी प्लस प्लस प्रोग्रामिंग विषयावर स्पर्धा

देशोन्नती वृत्तसंकलन...

शिरपूर येथील आर. सी. पटेल कला, वाणिज्य व विज्ञान महाविद्यालयाच्या संगणकशास्त्र विभागातर्फे ऑनलाईन राज्यस्तरीय सी व सी प्लस प्लस प्रोग्रामिंग या विषयावर प्रशोत्तर स्पर्धा घेण्यात आली.

सदर स्पर्धेस राज्यातील विविध महाविद्यालयातील विद्यार्थी व प्राध्यापकांनी सहभाग नोंदविला. सदर ऑनलाईन परीक्षेस सी प्रोग्रामिंग साठी ५०० तर सी प्लस प्लस

साठी १२५ विद्यार्थी सहभागी झाले. उत्तीर्ण विद्यार्थ्यांना ऑनलाईन ई-सर्टिफिकेट देण्यात आले. या परीक्षेचे आयोजन संगणक विभागप्रमुख व समन्वयक प्रा. बी. एस. पंचभाई, उपसमन्वयक प्रा.पुजा बी. हजारे, प्रा.जी.के.पाटील, प्रा. एस. डी. मोने, प्रा. ए. जे. माहेश्वरी, प्रा.डी.ई.चव्हाण, प्रा.अ.एस.भोलाने यांनी केले.

सदर स्पर्धेस प्राध्यापकेतर कर्मचारी गणेश सोनार, संजय मोरे, दशरथ पटेल, बंसीलाल चौधरी,

संदेश राजपूत, मेहुल गुजराथी, लक्ष्मीकांत मोरे यांचेही सहकार्य लाभले.

सर्व यशस्वी विद्यार्थ्यांचे माजी मंत्री आ. अमरिशभाई पटेल, आर. सी. पटेल एज्युकेशनल ट्रस्ट अध्यक्ष भूपेशभाई पटेल, उपाध्यक्ष राजगोपाल भंडारी, सचिव प्रभाकरराव चव्हाण, माजी कुलगुरु डॉ. के. बी. पाटील, प्राचार्य डॉ. डी. आर. पाटील, उपप्राचार्य डॉ. ए. एम. पाटील व डॉ. आर. डी. जाधव यांनी कौतुक केले.

Audyogik Tantra Shikshan Sanstha's
Institute of Industrial & Computer Management & Research
Nigdi, Pune 411044



Approved by AICTE, New Delhi, Affiliated to SPPU,
Accredited by NAAC, "Best ICT B-School"



Student Branch

TechnoCase 2021

"A State Level Case Study & 'C/C++' Programming Competition"

Certificate of Appreciation

This Certificate of Appreciation is being awarded to Prof. B. S Panchbhai of R.C Patel Arts, Commerce and Science College for sincere and valuable contribution in coordinating TechnoCase 2021-Code Battle Competition conducted in online mode.



Angular Minds



mccia

ellicium

Ms. Renu Mathew
Chief Convener

Dr. Deepali Sawai
Director, IICMR-MCA

State Level Quiz on C Programming 2021-22

R.C. Patel Arts Commerce and Science College,
Department of Computer Science Activities during 2021-2022

State Level Quiz | on C Programming



देशोन्नती

पटेल महाविद्यालयात ऑन लाईन राज्यस्तरीय सी व सी प्लस प्लस प्रोग्रामिंग विषयावर स्पर्धा

देशोन्नती वृत्तसंकलन...

शिरपूर - येथील आर. सी. पटेल कला, वाणिज्य व विज्ञान महाविद्यालयाच्या संगणकशास्त्र विभागातर्फे ऑनलाईन राज्यस्तरीय सी व सी प्लस प्लस प्रोग्रामिंग या विषयावर प्रशोत्तर स्पर्धा घेण्यात आली.

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साठी १२५ विद्यार्थी सहभागी झाले. उत्तीर्ण विद्यार्थ्यांना ऑनलाईन ई-सर्टिफिकेट देण्यात आले. या परीक्षेचे आयोजन संगणक विभागप्रमुख व समन्वयक प्रा. बी. एस. पंचभाई, उपसमन्वयक प्रा. पुजा बी. हजार, प्रा. जी. के. पाटील, प्रा. एस. डी. मोने, प्रा. ए. जे. माहेश्वरी, प्रा. डी. ई. चव्हाण, प्रा. अ. एस. भोलाने यांनी केले.

सदर स्पर्धेस प्राध्यापकतर कर्मचारी गणेश सोनार, संजय मोरे, दशरथ पटेल, बंसीलाल चौधरी,

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Attendance

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107	Girase kavita shamsing	BSc	Girasekavita39@gmail.com
108	Saner Ashvini Dnyaneshwar	BSc	ashvini.saner@gmail.com
109	Girase kavita shamsing	BSc	girasekavita39@gmail.com
110		BSc	girasekavita39@gmail.com
111	Namrata chandrakant patil	MSc	namratap673@gmail.com
112	Girase kavita shamsing	BSc	girasekavita39@gmail.com
113	Jadhav darshana Suresh	BSc	rajputdarshana42@gmail.com
114	Patil Suvarna Satilal	M.Sc	suvarnapatil3497@gmail.com
115	Girase kavita shamsing	BSc	Kgirase472@gmail.com
116	Kanhaiya Mahajan	MSc	kanhaiyamahajan1177@gmail.com
117	ruchita shashikant kothawade	M.sc(comp sci)	ruchitakothawade419@gmail.com
118	Patil Aishwarya vijay	V	Patilaishwarya2412@gmail.com
119	Patil Aishwarya vijay	Bsc(comp)	Patilaishwarya2412@gmail.com
120	Gayatri Vinod Pingale	M. Sc	gayatripingale1998@gmail.com
121	Damini Suresh desale	BSc	Daminidesale24@gmail.com
122	Janhavi Rajesh Patil	MSc	Janhavipatil2621@gmail.com
123	Megha Yuvraj Nagrut	MSc	meghanagrut1997@gmail.com

R. C. Patel Arts, Commerce and Science College, Shirpur

Seminar On

“Cyber Security”

Organized by

Department of Computer Application and Management

An Event Report

Title of Activity: Cyber Security

Objectives:

In a guest lecture, A lecture gives students a better opportunity to learn about an explicit topic in a way that gets them involved in the class and actively join in a more convenient way of teaching. It aims to educate individuals about potential cyber threats, best practices for safeguarding sensitive information, and how to respond effectively in case of a security incident.

Program Details:

Department of Computer Application successfully conducted “Seminar on Cyber Security” at Seminar Hall, as on 14th AUG 2021 for BCA Students.

Name of Guest:

- Mr. P. R. Kulkarni
- Mr. G. K. Kothari
- Hon. Principal Dr. D.R. Patil,
- Vice- Principal Dr. A.M. Patil
- Vice- Principal Dr. R.D. Jadhav

The Seminar Guest Mr. Prasad Kulkarni Deliver Lecture about Cyber Security in detail, Describe common cyber security threats also explain Pros and Cons.

Cyber Security- It is the body of technologies, processes, and practices designed to protect networks, devices, programs, and data from attack, theft, damage, modification or unauthorized access.

The field is becoming more important due to increased reliance on computer systems, the Internet and wireless network standards such as Bluetooth and Wi- Fi and due to the growth of smart devices including smartphones, telephones, and the various devices that constitute the "Internet of things".

Why do we need cyber security? With an increasing amount of people getting connected to internet, the security threats that cause massive harm are increasing also.

Cyber security is necessary since it helps in securing data from threats such as data theft or misuse, also safeguards your system from viruses.

Date: 14th Aug 2021

Class and Participants: BCA (70 Students)

Venue: Seminar Hall, R.C Patel ACS College, Shirpur.

Outcomes of Workshop: A Cyber Security was introduced to reduce cyber crimes. These crimes will affect the loss of revenue, waste of valuable time, damage reputation and reduce productivity.

Glimpse of Workshop



Guest lecture by Mr. Prasad Kulkarni on “Cyber Security”

R. C. Patel Arts, Commerce and Science College, Shirpur
Department of Computer Application and Management
Seminar on
Cyber Security
Students Attendance

Date - 14/08/2021

Sr. No.	Name of the Student	Sing.
1.	Thakare Urmila Ravindra	Urmila
2.	Shukla Varsha Yojesh	Yojesh
3.	Shah Khushi Rajesh	Rajesh
4.	Suryawanshi Janhavi Dinesh	Janyawanshi
5.	Patil Gayatri Ravindra	Patil
6.	Patil Damini Sandip	Patil
7.	Thakare Komal vilas	Komal
8.	Bajaj Shalaka Rajesh	Bajaj
9.	Patil Dhanashei Dhaneaj	Patil
10.	Patil Vaishnavi Narayan	Patil
11.	Patil Sayali Ganesh	Patil
12.	Marathe Bhagyashree Dinesh	Marathe
13.	Patil Himani Santosh	Patil
14.	Patil Rohan Vitthal	Patil
15.	Patil shekhare Devidas	Patil
16.	Rajput sarvesh kailash	Rajput
17.	Rawal Prunavsinh Ravindra	Rawal
18.	Magar Yashodip Vijay	Magar
19.	Girase Abhijit Ravindra.	Girase
20.	Gauli Rupeeta Vijay	Gauli
21.	Girase Vijaysingh chandrasingh	Girase
22.	Mali Gaurav vinod	Mali
23.	Girase Kalpesh Bhika	Girase
24.	Koli kiran vijay	Koli

Sr. No.	Name of the Student	Sing.
1.	Gurav Darshan Raju	Darav
2.	more Shubham Anil	more
3.	Patil Jagdish khanderao	Patil
4.	Rajput Yogesh Bhav sing	Rajput
5.	Pawar Yadayesh Manoj	Pawar
6.	Patil Nilesh Shagwan	Patil
7.	Patil Mayur Dnyaneshwar	Patil
8.	Patil Tejas Nitin	T.N Patil
9.	Kalal Mrugesh Devkrushna	Kalal
10.	Chavhan Gaurav Prakash	Chavhan
11.	Kotkar parag Nimba	Kotkar
12.	Patil Sushant Dipak	Patil
13.	Mahajan vasudev vithoba	Mahajan
14.	Marathe Siddhant Dilip	Marathe
15.	Gosavi Sagar Santosh	Gosavi
16.	chavan Shubham Pravin	Chavan
17.	Patil Parthmesh Shamkant	Patil
18.	Patil Saurabh Ashak	Patil
19.	Bhadane Jayesh Dashrath	Bhadane
20.	Girase Swapnil Devising	Girase
21.	Girase pradip Ramkeshna	Girase
22.	Patil Shyam Dhuneeji	Patil
23.	Patil Uday Rajendra	Patil
24.	Girase Rushikesh Rupsing	Girase

Sr. No.	Name of the Student	Sing.
1.	Ajay Dhanraj Sonar	Ajay
2.	Prasad Gopal Kolapkar	Prasad
3.	Nikhil Dilip Mali	Nikhil
4.	Kunal Jitendra Baviskar	K. T. Baviskar
5.	Amar Sanjay Borse	A. Borse
6.	Rohit Dinesh Pawar	R. Pawar
7.	Raj Vijay Thakare	R. Thakare
8.	Jayesh Nitin Sonawane	J. Sonawane
9.	Sushil Sashikant Magare	S. Magare
10.	Pratik Rajendra Saundane	P. Saundane
11.	Nagudev Gombhaji Patil	N. Patil
12.	Roshan Manohar Mali	R. Mali
13.	Patil Harshav Nimbaraj	H. Patil
14.	Kadam Mayuri Laxman	K. Kadam
15.	Tirmali Mayuri Ashok	T. Mayuri
16.	Moze Pooja Sunil.	M. Pooja
17.	Patil Pooja Samadhan	P. Patil
18.	Patil Mayuri Shankar	M. Patil
19.	Wani Mansi Ramkrushna	W. Wani
20.	Girase Gayatri Mangalsing	G. Girase
21.	Patil Dhanashei Dhanraj	P. Patil
22.	Patil Vaishnavi Narayan	V. Patil
23.	Patil Pallavi Pramod	P. Patil
24.	Patil Diya Sharad	D. Patil



Ms. M. G. Vaidya

HOD

R.C.Patel ASC College Shirpur Dist.-Dhule

Dept. of Defense Studies

Departmental Activity

Awareness to Cyber security

09 September 2020 to 11 September 2020

Program Schedule

Sr.No.	Date	Topic	Beneficial Student
01.	9/09/2020	Introduces Cyber Security	10
02.	10/09/2020	Type of cybercrime and Act.	10
03.	11/09/2020	Basic Instrument of cyber crime	10

Name of Beneficial Student

1. KOLI RUPALI RAVINDRA
2. MARATHE NAVANATH RAJDHAR
3. SHIRSATH MANISHA RAJU
4. MORE ANJALI GULAB
5. THORAT RUPALI RAJU
6. FULE RAHUL MAKAR
7. SONAR TRUPTI KASHINATH
8. JADHAV PRIYANKA JAWANSING
9. BAGALE NILESH SANJAY
10. PAWARA MANGALA EKARAM

R.S.Pawar

Dept. Defense Studies

सा विद्या या विमुक्तये

R. C. Patel Arts, Commerce and Science College
Shirpur, 425405

Affiliated to KBC North Maharashtra
University, Jalgaon (M.S.), India



CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Rajput Renuka Mohansing has pursued a value added course and passed the requisite examination held in March - 2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

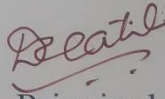
Value Added Course in

Cyber security

Seal


Course Co-ordinator


Co-ordinator


Principal

Certificate No.: 2023/06/088/A

R. C. Patel A.S.C College, Shirpur
Department of Microbiology & Biotechnology
ICT / Computational skills Enhancement program

Resource Person: Prof. Kamlesh P. Kurankar

Time: 10 am to 12 pm

Duration: 05 January- 30 January 2021

No. of Beneficiaries: 19

Programme Objectives:

1. The program aims to exploit and understand biological databases to gather, store, retrieve, manage, analyse and integrate biological data for generating new knowledge.
2. The program aims to impart extensive understanding and learning of theoretical concepts in Life Sciences. Each semester exclusively devotes at least one core course in life sciences.
3. Developing and implementing computational logic, learning programming languages, algorithms and software for progressive life science solutions.
4. Better understanding of dynamic biological processes and their understanding at molecular level enabled through and correlated using internet and Bioinformatics.
5. To develop skilled bioinformatics professionals who have life science background and who are simultaneously proficient in computational aspects.
6. To introduce new age concepts of big data in the 'omics' era and their analysis.

Programme Specific Outcomes:

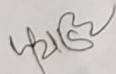
1. Students undertaking the course shall have fundamental knowledge in theoretical Biochemistry, Cell Biology, Molecular Biology and Genetics. They will possess basic biochemistry practical skills and its application in research and industry.
2. Students undertaking the course shall have fundamental knowledge in theoretical Microbiology and Immunology, possess basic practical skills in these fields and its application in research and industry.
3. Students will learn on various aspects in Biotechnology and have hands on skills in Molecular Techniques.
4. Students will learn basic mathematical and statistical concepts and learn to apply them in aiding life science research and analysis.
5. As beginners the students will learn to use a computer, internet, scope and applications of bioinformatics.

Syllabus

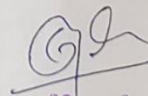
Unit	Content	Time duration
1.	Introduction to biological databases – <ul style="list-style-type: none"> • NCBI, PUBMED, sequence databases: Gene • bank, DDBJ, Swissport, PIR, EMBL, structural databases: PDB, MMDB, specialized • Databases, sequence retrieval system - SRS, ENTREZ, Expasy 	10 L
2.	Sequence analysis and phylogeny - sequence and similarity: <ul style="list-style-type: none"> • FASTA, BLAST • Sequence alignment: local, global, pair wise and multiple sequence, introduction to scoring matrices- • PAM and BLOSSUM, introduction to phylogenetic trees, Protein structure prediction - • Secondary structure prediction, 3D Structure prediction. 	10 L
3.	Data Mining and Data Visualization, - <ul style="list-style-type: none"> • Software for Data Visualization, CN3D, Rasmol, • Mol–Mol, Pymol, Chimera, SWISS PDB Viewer, Scoring matrices, local -global and multiple sequence alignment 	10 L

Essentials in Bioinformatics
Attendance Sheet
2020-21

Sr. No	Students name	05 January 2021	06 January 2021	07 January 2021	08 January 2021	09 January 2021	11 January 2021
1.	Chaudhari Dipika Sanjay	DPenui	DPenui		DPenui	DPenui	DPenui
2.	Deshmukh Nilima Surendrasing	NDSR	NDSR	NDSR	NDSR	NDSR	NDSR
3.	Girase Kranti Prakashsing	Kongar		Kongar	Kongar	Kongar	Kongar
4.	Jadhav Manjusha Sanjay	Jadh	Jadh	Jadh	Jadh	Jadh	
5.	Jadhav Priyanka Sudham	Budham	Budham	Budham	Budham	Budham	Budham
6.	Koli Kavita Madhukar	KKMA	KKMA		KKMA	KKMA	KKMA
7.	Patil Gayatri Satish		Gpatri	Gpatri	Gpatri	Gpatri	Gpatri
8.	Salunkhe Hitesh Himmat	SHH		SHH	SHH	SHH	SHH
9.	Sonawane Nikita Ravindra	NSR	NSR	NSR	NSR	NSR	NSR
10.	Sonawane Ashwini Sanjay	ASW		ASW	ASW	ASW	ASW
11.	Patil Jagruti Gopal	JGPatil	JGPatil	JGPatil	JGPatil		JGPatil
12.	Patil Mahesh Jijabrao	Jadh	Jadh		Jadh - M.S.	M.S.	Jadh
13.	Patil Pallavi Pitambar	Padi	Padi	Padi	Padi	Padi	Padi
14.	Pandit Aishvarya Dilip	ADPandit	ADPandit	ADPandit	ADPandit		ADPandit
15.	Joshi Manasi Ajay	AJoshi	AJoshi	AJoshi		AJoshi	AJoshi
16.	Patil Renuka Murlidhar	RENUP	RENUP	RENUP	RENUP		RENUP
17.	Patil Pradeep Bhikan.	PBP	PBP	PBP		PBP	PBP
18.	Thalnerwala Rashida Zujar	TRZ	TRZ	TRZ		TRZ	TRZ
19.	Rathod Vinod Vishwanath	VRathod	VRathod	VRathod	VRathod	VRathod	VRathod



Co-ordinator



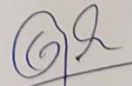

Head,
Department of Microbiology
R.C. Patel Arts & Sci. College
Shirpur, Dist-Dhule.

Essentials in Bioinformatics
Attendance Sheet
2020-21

Sr. No	Students name	12 January 2021	13 January 2021	14 January 2021	15 January 2021	16 January 2021	18 January 2021
1.	Chaudhari Dipika Sanjay	Openui	Openui	Openui	Openui		Openui
2.	Deshmukh Nilima Surendrasing	Nstia	Nstia	Nstia	Nstia	Nstia	Nstia
3.	Girase Kranti Prakashsing	Kraia	Kraia	Kraia		Kraia	Kraia
4.	Jadhav Manjusha Sanjay	Juta	Juta	Juta	Juta		Juta
5.	Jadhav Priyanka Sudham	Budham	Budham	Budham	Budham	Budham	Budham
6.	Koli Kavita Madhukar	Kkma	Kkma		Kkma	Kkma	Kkma
7.	Patil Gayatri Satish	Gpati	Gpati		Gpati	Gpati	Gpati
8.	Salunkhe Hitesh Himmat	Shu	Shu	Shu	Shu	Shu	
9.	Sonawane Nikita Ravindra	Nnam		Nnam	Nnam	Nnam	Nnam
10.	Sonawane Ashwini Sanjay	Ashwini	Ashwini	Ashwini	Ashwini		Ashwini
11.	Patil Jagruti Gopal	Jrpati	Jrpati	Jrpati	Jrpati	Jrpati	
12.	Patil Mahesh Jijabrao	Mpat	Mpat	Mpat	Mpat	Mpat	Mpat
13.	Patil Pallavi Pitambar	Ppat	Ppat	Ppat	Ppat	Ppat	Ppat
14.	Pandit Aishvarya Dilip	Adpandit	Adpandit	Adpandit	Adpandit		Adpandit
15.	Joshi Manasi Ajay	Ajoshi	Ajoshi	Ajoshi		Ajoshi	Ajoshi
16.	Patil Renuka Murlidhar	Renuka	Renuka	Renuka	Renuka	Renuka	Renuka
17.	Patil Pradeep Bhikan.	PBpat	PBpat	PBpat	PBpat	PBpat	PBpat
18.	Thalnerwala Rashida Zujar	TRZ	TRZ	TRZ	TRZ	TRZ	TRZ
19.	Rathod Vinod Vishwanath	Vrathod	Vrathod	Vrathod	Vrathod	Vrathod	Vrathod

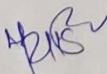

Co-ordinator



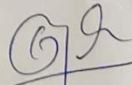

Head,
Department of Microbiology
R.C. Patel Arts & Sci. College
Shirpur, Dist-Dhule.

**Essentials in Bioinformatics
Attendance Sheet
2020-21**

Sr. No	Students name	19 January 2021	20 January 2021	21 January 2021	22 January 2021	23 January 2021	25 January 2021
1.	Chaudhari Dipika Sanjay	DPenui	DPenui	DPenui	DPenui	DPenui	DPenui
2.	Deshmukh Nilima Surendrasing	NSD	NSD	NSD	NSD	AB	NSD
3.	Girase Kranti Prakashsing	Krangi	Krangi	Krangi	Krangi		Krangi
4.	Jadhav Manjusha Sanjay	Jadh		Jadh	Jadh	Jadh	Jadh
5.	Jadhav Priyanka Sudham	Budham	Budham	Budham	Budham	Budham	Budham
6.	Koli Kavita Madhukar	Kkma	Kkma		Kkma	Kkma	Kkma
7.	Patil Gayatri Satish	Gpatri	Gpatri	Gpatri	Gpatri	Gpatri	Gpatri
8.	Salunkhe Hitesh Himmat	SHH	SHH	SHH	SHH		SHH
9.	Sonawane Nikita Ravindra	NSR	NSR	NSR	NSR	NSR	NSR
10.	Sonawane Ashwini Sanjay	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	
11.	Patil Jagruti Gopal	JGPatil		JGPatil	JGPatil	JGPatil	JGPatil
12.	Patil Mahesh Jijabrao	Mah	Mah	Mah	Mah	Mah	Mah
13.	Patil Pallavi Pitambar	Padi	Padi	Padi	Padi	Padi	Padi
14.	Pandit Aishvarya Dilip	AD	AD		AD	AD	AD
15.	Joshi Manasi Ajay	AJoshi		AJoshi	AJoshi	AJoshi	AJoshi
16.	Patil Renuka Murlidhar	Renuka	Renuka	Renuka	Renuka	Renuka	Renuka
17.	Patil Pradeep Bhikan.	PBPatil	PBPatil	PBPatil	PBPatil	PBPatil	PBPatil
18.	Thalnerwala Rashida Zujar	RZ	RZ	RZ	RZ	RZ	RZ
19.	Rathod Vinod Vishwanath	VRathod	VRathod	VRathod	VRathod	VRathod	VRathod


Co-ordinator




Head,
Department of Microbiology
R.C. Patel Art, s & Sci. College
Shirdpur, Dist. Dhule.

Essentials in Bioinformatics
Attendance Sheet
2020-21

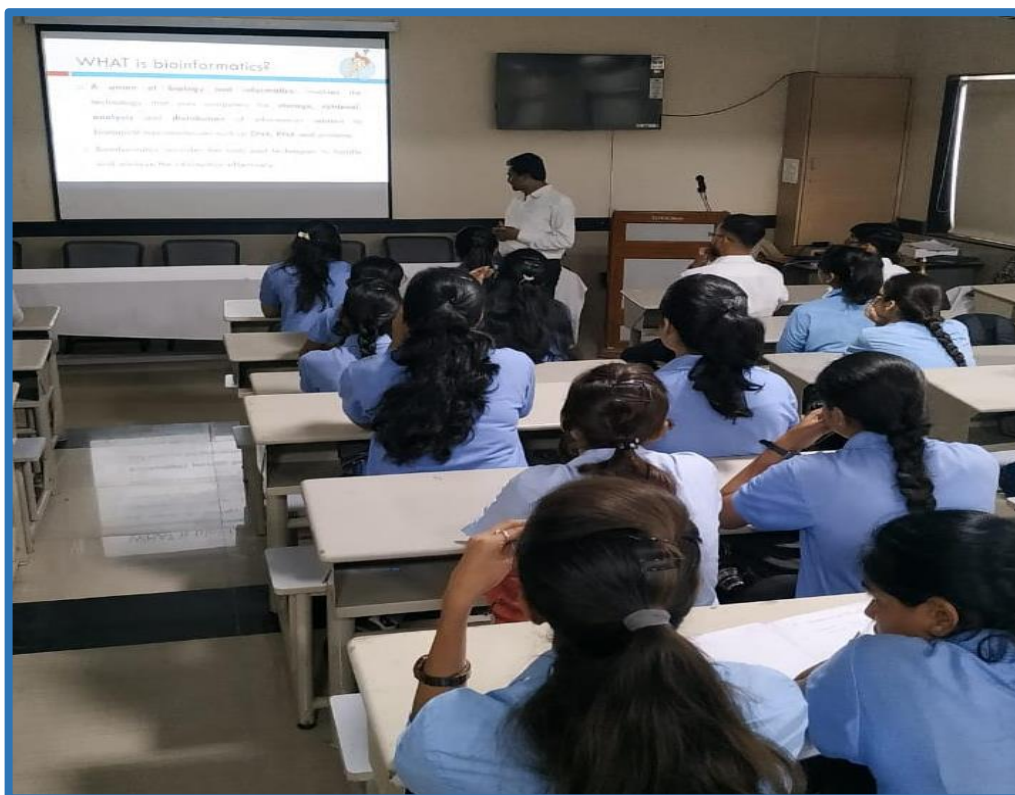
Sr. No	Students name	26 January 2021	27 January 2021	28 January 2021	29 January 2021	30 January 2021
1.	Chaudhari Dipika Sanjay	Dipika	Dipika	Dipika		Dipika
2.	Deshmukh Nilima Surendrasing	Nilima	Nilima	Nilima	Nilima	Nilima
3.	Girase Kranti Prakashsing	Kranti		Kranti	Kranti	Kranti
4.	Jadhav Manjusha Sanjay	Manjusha	Manjusha	Manjusha	Manjusha	Manjusha
5.	Jadhav Priyanka Sudham	Budham	Budham	Budham	Budham	Budham
6.	Koli Kavita Madhukar	Kavita	Kavita		Kavita	Kavita
7.	Patil Gayatri Satish	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri
8.	Salunkhe Hitesh Himmat	Hitesh	Hitesh		Hitesh	Hitesh
9.	Sonawane Nikita Ravindra	Nikita	Nikita	Nikita	Nikita	Nikita
10.	Sonawane Ashwini Sanjay	Ashwini	Ashwini	Ashwini	Ashwini	
11.	Patil Jagruti Gopal	Jagruti	Jagruti		Jagruti	Jagruti
12.	Patil Mahesh Jijabrao	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh
13.	Patil Pallavi Pitambar	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi
14.	Pandit Aishvarya Dilip	Aishvarya		Aishvarya	Aishvarya	Aishvarya
15.	Joshi Manasi Ajay	Manasi	Manasi	Manasi		Manasi
16.	Patil Renuka Murlidhar	Renuka	Renuka	Renuka	Renuka	
17.	Patil Pradeep Bhikan.	Pradeep	Pradeep	Pradeep	Pradeep	Pradeep
18.	Thalnerwala Rashida Zujar	Rashida	Rashida	Rashida	Rashida	Rashida
19.	Rathod Vinod Vishwanath	Vinod	Vinod	Vinod	Vinod	Vinod

HPIS
Co-ordinator



GS
Head,
Department of Microbiology
R.C.Patel Art, s & Sci.College
Shirpur, Dist-Dhule.

Glimpses of the ICT / Computational skills Enhancement program (Essentials in Bioinformatics)



R. C. Patel Arts, Commerce and Science College, Shirpur

Seminar On
"Cyber Security"

Organized by

Department of Computer Application and Management

An Event Report

Title of Activity: Cyber Security

Objectives:

In a guest lecture, A lecture gives students a better opportunity to learn about an explicit topic in a way that gets them involved in the class and actively join in a more convenient way of teaching. It aims to educate individuals about potential cyber threats, best practices for safeguarding sensitive information, and how to respond effectively in case of a security incident.

Program Details:

Department of Computer Application successfully conducted "Seminar on Cyber Security" at TYBCA Classroom, as on 12th FEB 2020 for BCA Students.

Name of Guest:

- Mr. P. R. Kulkarni
- Mr. G. K. Kothari
- Hon. Principal Dr. D.R. Patil,
- Vice- Principal Dr. A.M. Patil
- Vice- Principal Dr. R.D. Jadhav
- HOD- Ms. M. G. Vaidya

The Seminar Guest Mr. Prasad Kulkarni Deliver Lecture about Cyber Security in detail, Describe common cyber security threats also explain Pros and Cons.

Cyber Security- It is the body of technologies, processes, and practices designed to protect networks, devices, programs, and data from attack, theft, damage, modification or unauthorized access.

The field is becoming more important due to increased reliance on computer systems, the Internet and wireless network standards such as Bluetooth and Wi- Fi and due to the growth of smart devices including smartphones, telephones, and the various devices that constitute the "Internet of things".

Why do we need cyber security? With an increasing amount of people getting connected to internet, the security threats that cause massive harm are increasing also.

Cyber security is necessary since it helps in securing data from threats such as data theft or misuse, also safeguards your system from viruses.

Date: 12th Feb 2020

Class and Participants: BCA (60 Students)

Venue: TYBCA Classroom, R.C Patel ACS College, Shirpur.

Outcomes of Workshop: A Cyber Security was introduced to reduce cybercrimes. This crimes will affect the loss of revenue, waste of valuable time, damage reputation and reduce productivity.

As an IT user, we should have to be aware of some of the cyber laws in the country. We can be more careful and never involve in any cybercrime.

Glimpse of Workshop



Guest lecture by Mr. G.K.Kothari on “Cyber Security”

R. C. Patel Arts, Commerce and Science College, Shirpur
Department of Computer Application and Management
Seminar on
Cyber Security
Students Attendance

Date - 12/02/2022

Roll No.	Name of Student	Signature
1	Ahire Chetana Rajendra	(R)ie
2	Badgajar Nilesh Shantaram	Badgajar.
3	Baviskar Girish Jagdish	
4	Bhadane Kalyani Rajendra	(A)eni
5	Bhamare Rohit Ravindra	(R)B
6	Bhoi Nandini Baliram	(B)hoi
7	Bonde Snehal Mukesh	(S)NB
8	Chaudhari Rohan Ravindra	(R)ha
9	Chaudhari Shailesh Gulab	(S)hailesh
10	Chaudhari Vaibhavi Shantilal	(V)ha
11	Desale Kunal Dipak	(K)na
12	Desale Tanmay Jagdish	(T)na
13	Dhangar Ganesh Ravsaheb	(G)na
14	Dhangar Kalpesh Shravan	(K)na
15	Dhangar Kunal Kailas	(K)na
16	Gadhe Nilesh Mahendra	(N)ga
17	Girase Anuskha Narendra	(A)ga
18	Girase Pushparaj Sanjivsing	(P)ga
19	Girase Suyog Sanjay	(S)ga
20	Girase Tejendra Bhimsing	(T)ga
21	Gole Ganesh Tejlal	(G)ga
22	Ishi Sakshi Ishendra	(S)ga
23	Jadhav Mayuri Mahendra	(M)ga
24	Jagtap Uttkarsha Hemant	(U)ga
25	Jain Lokesh Anil	(L)ga
26	Khairnar Ashwini Baldev	(A)ga
27	Koli Ashwini Rajendra	(A)ga
28	Landage Uday Vilas	(U)ga
29	Mahajan Gayatri Rajmal	(G)ga

30	Mahajan Pratham Rakesh	Prakash as
31	Mali Chetan Keshav	Chetan
32	Mali Ganesh Vijay	Ganesh
33	Mali Lileshwari Sahebrao	Lileshwari
34	Mali Mukesh Madhavrao	Mukesh
35	Mali Ritesh Pramod	Ritesh
36	Marathe Dnyaneshwar Prabhakar	Marathe
37	Marathe Jatin Pundalik	Jatin
38	Marathe Tejas Aba	Tejas
39	Mohite Shweta Yashwant	Shweta
40	More Kuldip Dilip	Kuldip
41	Nikam Prashant Yashwant	Prashant
42	Nikam Yashkumar Mahendra	Yashkumar
43	Patel Kajal Chhotalal	Kajal
44	Pathan Sohilkhan Mehmudkhan	Sohilkhan
45	Patil Aniket Nandkishor	Aniket
46	Patil Bhavana Sanjay	Bhavana
47	Patil Bhupendra Nandulal	Bhupendra
48	Patil Chandrakant Shantilal	Chandrakant
49	Patil Chandramani Anil	Chandramani
50	Patil Divyani Lalit	Divyani
51	Patil Durgesh Hemraj	Durgesh
52	Patil Gaurav Ashok	Gaurav
53	Patil Gaurav Raju	Gaurav
54	Patil Gaurav Somnath	Gaurav
55	Patil Harshal Ravindra	Harshal
56	Patil Hemant Ramkrishna	Hemant
57	Patil Hitesh Shantaram	
58	Patil Jagruti Sanjay	Jagruti
59	Patil Janhavi Mahendra	Janhavi
60	Patil Jayesh Ajit	Jayesh
61	Patil Jayesh Nimbaji	Jayesh
62	Patil Jayesh Sandip	Jayesh
63	Patil Kamlesh Jagatrao	Kamlesh K.S. patil

M. G. Vaidya

Ms. M. G. Vaidya

HOD

R. C. Patel Arts, Commerce & Science College, Shirpur Dist. Dhule

Page | 42

R. C. Patel Arts, Commerce and Science College, Shirpur

Seminar On

“Cyber Security”

Organized by

Department of Computer Application and Management

An Event Report

Title of Activity: Cyber Security

Objectives:

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Program Details:

Department of Computer Application successfully conducted “Seminar on Cyber Security” at Seminar Hall, as on 18th SEPT. 2018 for BCA Students.

Name of Guest:

- Mr. P. R. Kulkarni
- Hon. Principal Dr. D.R. Patil,
- Vice- Principal Dr. A.M. Patil
- Vice- Principal Dr. R.D. Jadhav

The Seminar Guest Mr. Prasad Kulkarni Deliver Lecture about Cyber Security in detail, Describe common cyber security threats also explain Pros and Cons.

Cyber Security- It is the body of technologies, processes, and practices designed to protect networks, devices, programs, and data from attack, theft, damage, modification or unauthorized access.

The field is becoming more important due to increased reliance on computer systems, the Internet and wireless network standards such as Bluetooth and Wi- Fi and due to the growth of smart devices including smartphones, telephones, and the various devices that constitute the "Internet of things".

Why do we need cyber security? With an increasing amount of people getting connected to internet, the security threats that cause massive harm are increasing also.

Cyber security is necessary since it helps in securing data from threats such as data theft or misuse, also safeguards your system from viruses.

Date: 18 Sept. 2018

Class and Participants: BCA (52 Students)

Venue: Seminar Hall, R.C Patel ACS College, Shirpur.

Outcomes of Workshop: A Cyber Security was introduced to reduce cybercrimes. These crimes will affect the loss of revenue, waste of valuable time, damage reputation and reduce productivity.

Glimpse of Workshop



Guest lecture by Mr. Prasad Kulkarni on “Cyber Security”