A Report on

“Professional Development Activity”

For

Students of IT Department

On

Date: From 12th August to 30th November, 2021

Organized by

Professional Development Activity Committee

Society for Computer Technology and Research's

Pune Institute of Computer Technology
Sr. No. 27, Pune-Satara Road, Dhankawadi,
Pune, Maharashtra 411043. (www.pict.edu)
Report: Professional Development Activity for SE, TE, BE students organized by Department of Information Technology, Pune Institute of Computer Technology, Pune.

Activity I: Views Sharing by Top placed students, Alumni, Experts
Activity II: Competitive Coding (HackersRank Platform)

To: Department of Information Technology, Pune Institute of Computer Technology, Pune

From: Mr. Sachin Pande, Head – Professional Development Activity Committee, Department of Information Technology, Pune Institute of Computer Technology, Pune.

Date and time of conduction: From 12th August to 31st Oct, 2021

Mode of conduction: Microsoft Teams.

Fees: No fees for attendees.

Number of Participants: 250+

Organized by:
Mr. Sachin Pande, Head of Professional Development Activity (PDA) Committee,
Mrs. Anuradha Yenkikar, Member of PDA
Mr. Pratik Kadam, Member of PDA
Department of Information Technology, Pune Institute of Computer Technology, Pune.

Objectives:
1. To develop problem solving, critical thinking and programming skills.
2. To prepare students for competitive coding for placements by rigorous practice.
3. To enhance professional skills for individuals’ growth
4. To motivate students for higher studies, top placement opportunities and competitive examinations

Outcome:
Student’s will be able to -

1. To improve professional skills like problem solving, critical thinking and programming skills and pre- and post-interviewing skills.
2. To get motivated for higher studies, top placement opportunities, top internship opportunities, hackathons and competitive examinations.
## Activity - I

**Views Sharing by Top placed students, Alumni, Experts**

### Execution:

<table>
<thead>
<tr>
<th>Session No.</th>
<th>Session Name</th>
<th>Agenda</th>
<th>Name of speaker students</th>
<th>Day and Date</th>
<th>Time</th>
<th>Attendee Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Views sharing on fetching top job opportunities</td>
<td>Agenda: 1. Competitive Programming - How to solve problems during interviews 2. What is the</td>
<td>Alumni working with Tray, Hyderabad Mr. Vishwesh Lingayat</td>
<td>Friday, 27th August 2021</td>
<td>08:00 am to 9:00 am</td>
<td>257</td>
</tr>
</tbody>
</table>
| Views sharing by Entrepreneurs | Students placed in Deutsche Bank at CTC of 19.6 LPA  
1. Abhishek Mundada  
2. Soumya Malgonde |  |
| Views sharing by World's Top University Learner | Alumni of PICT (2021 graduate) who became Entrepreneurs  
1. Pranav Shikre, Founder, Quality Wealth  
Firm Name: Financial Services and Stock Broking  
website: https://qualitywealth.in  
2. Vedant S. Mane, Company: IoT Electronics Manufacturing  
Website: http://mibaio.xyz |  |
| **5** Friday, 3rd September 2021, 08:00 am to 9:00 am. |  |
| Views sharing by World's Top University Learner | Alumni of PICT - IT (2018 graduate)  
Ms. Sanjana Rinke (Pursuing Masters in Information System Management)  
- University Name: Carnegie Mellon University  
- Worked as Software |  |
<p>| <strong>6</strong> Saturday, 11th September 2021, 08:00 am to 9:00 am. |  | 102 |</p>
<table>
<thead>
<tr>
<th>No.</th>
<th>Session Title</th>
<th>Speaker Details</th>
<th>Date/Time Details</th>
<th>Duration</th>
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<tbody>
<tr>
<td>7</td>
<td>Views sharing by GATE Topper</td>
<td>Mr. Niranjan Dhoot, Alumni of PICT - IT (2021 graduate) - Software Engineer@AAIC Technologies - GATE CS 2021 - (All India Rank 9 @ GATE)</td>
<td>Friday, 24th September 2021 08:00 am to 9:00 am.</td>
<td>162</td>
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<td>8</td>
<td>Workshop on 'Resume Writing'</td>
<td>Ms. Sapna Karia, PhD (Pursuing), Gold Medalist, SPPU Fellow, International Summer School, IIM (A) Certified Brand Management Professional, MICA'</td>
<td>- Session - I: Saturday, 25th September 2021 02:00 pm to 4:00 pm.</td>
<td>262</td>
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<tr>
<td>9</td>
<td>Views sharing by IIM Learner</td>
<td>Ms. Sonali Dasgupta, Alumni of PICT - IT Dept. (2017 graduate) - Pursuing MBA from - IIM Calcutta - 3 Years of experience as Software Developer</td>
<td>Monday, 27th September 2021 04:00 pm to 5:00 pm.</td>
<td>65</td>
</tr>
</tbody>
</table>

Department of Information Technology, Pune Institute of Computer Technology, Pune.
Feedback analysis:

Session -1: Journey to fetch PhonePe (Top job opportunity)

Class: 98 responses

- 46% TE IX
- 23.5% TE X
- 28.6% TE XI

Have you attended session? 98 responses

- 94.9% Yes
- 5.1% No

Do you want more similar sessions from Senior students/Alumni on “How to grab opportunities and increase employability” 98 responses

- 98% Yes
- 2% No

Session -2: Views sharing on fetching Deutsche Bank and FinIQ

It was very good session and helpful for us

The session was very interactive and helpful. Looking forward to attend the more such session

Good

The session was good. It would be great if there are more such session in nearer future.

no

Great informative Session
**Session -3: Views sharing on fetching PhonePe (Top job opportunity)**

Do you want more similar sessions from Senior students/Alumni on "1. Action Points required from the second year 2. Introduction to Platforms for .... Views sharing on the importance of Programming" 151 responses

- 98.7% Yes
- 1.3% No

**Session -4: Views sharing on fetching top job opportunities**

Department of Information Technology, Pune Institute of Computer Technology, Pune.
Session -5: Views sharing by Entrepreneurs

Do you want some more practice tests sessions from Senior students/Alumni on "Guiding becoming Entrepreneurs"
86 responses

Have you attended session?
86 responses

Do you think PDA is helpful in making you better?
114 responses

Class:
114 responses

Have you attended session?
114 responses

Do you think PDA is helpful in making you better?
114 responses

Department of Information Technology, Pune Institute of Computer Technology, Pune.
Session -6: Views sharing by World’s Top University Learner

Class: 82 responses

Did you like the session? 82 responses

Were the session motivating? 82 responses

Do you want more similar sessions from Senior students/ Alumni on “Exploring different career options and opportunities” 82 responses

Session -7: Views sharing by GATE Topper

Class: 16 responses

Have you attended session? 16 responses

Department of Information Technology, Pune Institute of Computer Technology, Pune.
Session -8: Views sharing by IIM Learner

Class: 54 responses

Paper 3-4

Have you attended session? 54 responses

Do you want more sessions to enhance your skills towards professional development? 54 responses

Session -9: Workshop on 'Resume Writing'

Excellent session, there was valid justification for every rule we have to follow while drafting a resume. I am looking forward to the resume review.

Session PPT for reference will be helpful.

Sapna ma'am is a phenomenal teacher, she speaks really well, she makes the session enjoyable and interactive

It would be really great if we get more such sessions.

It will be really helpful if the students are provided with a template format of good resume.

Lecture was pretty good, Thanks to taken this section.

There was audio problem. I could use YouTube on 720p quality but my teams app was crashing. I even reinstalled it.

Session was great. I missed 30 minutes due to connectivity. Explanation was amazing. I liked the session.

Department of Information Technology, Pune Institute of Computer Technology, Pune.
Impact analysis

Recording and resource material are shared over google groups and PDA WhatsApp Group.

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Session Name</th>
<th>Recording Links</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Journey to fetch PhonePe (Top job opportunity)</td>
<td><a href="https://drive.google.com/file/d/1ZixMh-tvdlJW41eGiwi0xHUpizwN8F6Y/view?usp=sharing">https://drive.google.com/file/d/1ZixMh-tvdlJW41eGiwi0xHUpizwN8F6Y/view?usp=sharing</a></td>
</tr>
<tr>
<td>2</td>
<td>Views sharing on fetching Deutsche Bank and FinIQ (Top job opportunities)</td>
<td><a href="https://drive.google.com/file/d/1RucWdq4s_DkNAjoiGnPuu1xJetBeumtd/view?usp=sharing">https://drive.google.com/file/d/1RucWdq4s_DkNAjoiGnPuu1xJetBeumtd/view?usp=sharing</a></td>
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<tr>
<td>3</td>
<td>Views sharing on fetching PhonePe (Top job opportunity)</td>
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<td>Views sharing on fetching top job opportunities</td>
<td><a href="https://drive.google.com/file/d/1hzI8ZkbaMIuhBKrbfc3CICzKvTk0hw6/view?usp=sharing">https://drive.google.com/file/d/1hzI8ZkbaMIuhBKrbfc3CICzKvTk0hw6/view?usp=sharing</a></td>
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<td>Views sharing by Entrepreneurs</td>
<td><a href="https://drive.google.com/file/d/1VvnOV4bXsR2NXI8ahD_xKk8NB1l-VEAQ/view?usp=sharing">https://drive.google.com/file/d/1VvnOV4bXsR2NXI8ahD_xKk8NB1l-VEAQ/view?usp=sharing</a></td>
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<td>6</td>
<td>Views sharing by World's Top University Learner</td>
<td><a href="https://drive.google.com/file/d/1XJYkT1FLxVhCbfX-7lqmXdz8xcAw-dp/view?usp=sharing">https://drive.google.com/file/d/1XJYkT1FLxVhCbfX-7lqmXdz8xcAw-dp/view?usp=sharing</a></td>
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<td><a href="https://drive.google.com/file/d/19s646IcXNesBThN_Scn9nlvVPxfkS/view?usp=sharing">https://drive.google.com/file/d/19s646IcXNesBThN_Scn9nlvVPxfkS/view?usp=sharing</a></td>
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Whatsapp group is formed for further communication, to solve doubts and to announce activities under PDA committee.

The participants will be able to
1. To develop problem solving, critical thinking and programming skills.
2. To prepare students for competitive coding for placements by rigorous practice.
3. To enhance professional skills for individuals’ growth
4. To motivate students for higher studies, top placement opportunities and competitive examinations
5. To improve professional skills and pre- and post-interviewing skills

Queries asked during discussion

1. **How to handle questions at the time of interview if HR asks like - Do you have any questions for us?**
   *Answer:* The best way to answer is to research the company beforehand and have one or more questions prepared.

2. **How can I be good at competitive coding?**
   *Answer:* Key steps in learning Competitive programming:
   - Choose any well-known programming language used for Competitive programming:
   - Choose some platforms to practice Competitive programming and to participate in contest:
   - Get your hands dirty in Data Structures
   - Get your hands dirty in Algorithms
   - Keep Practicing practicing

3. **How do you master coding skills?**
   *Answer:* Steps to Learn and Master a Programming Language
   - Select a Programming Language as per your requirements.
   - Get Your Fundamentals Clear.
   - Move from Basics to the Advanced Level.
   - Practice, Practice, and Practice.
   - Build Minor and Major Projects.
   - Share your Code & Knowledge with Others

4. **How should I prepare for GATE questions?**
   *Answer:* First, get a clear idea of the GATE Syllabus and GATE Exam Pattern.
   - Give more mock tests.
   - Avoid reading any new topics before 60 days of the exam.
   - Be confident in your preparation strategy.
   - Purchase resourceful online practice test series.
   - Refer to standard writer's books and make notes

5. **How should I start preparing for MS?**
   *Answer:* Consider your reasons for studying a Masters. First of all, you must be passionate about your subject.
   - Practice your time management.
   - Get ahead with reading.
   - Research your university location.
   - Immerse yourself in your subject.
   - Get organised.
   - Build your CV.

Department of Information Technology, Pune Institute of Computer Technology, Pune.
6. **What file format should I use to send my electronic resume?**
   
   **Answer:** Because most candidates submit their job applications electronically, the way they send in resumes has changed as well. Some candidates use their technological knowledge to create complex e-portfolios and high-quality resume designs, but these formats aren't the norm. It's commonly expected for candidates to send their electronic resumes in word document format or portable document format (PDF). Using a PDF is a great option to ensure that your resume's formatting will be maintained when a hiring manager opens the file on their computer.

7. **How important is competitive coding?**
   
   **Answer:** Taking part in competitive programming teaches you how to be more focused on the task and not only complete it quickly, but accurately. These skills are highly beneficial for any job, not just in coding.

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**Photographs of the event**

<table>
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<th>Session -1: Journey to fetch PhonePe (Top job opportunity)</th>
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Session -2: Views sharing on fetching Deutsche Bank and FinIQ

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Session -4: Views sharing on fetching top job opportunities
Session -5: Views sharing by Entrepreneurs

Session -6: Views sharing by World's Top University Learner
Session -7: Views sharing by GATE Topper
Session -8: Workshop on 'Resume Writing'

My journey- From PCT to IIM C!

SONALI DASGUPTA
PCT'07 IT\'17
ISHA INSTITUTE OF MANAGEMENT CALCUTTA '22

Why MBA after Engineering?

- An engineering degree in information technology will open up many fulfilling career opportunities, provided you learn your subjects well.
- Work experience of 3 years as a software developer in a product based company helped me develop team-oriented skills.
- Pursuing an MBA was thus the best choice, given my career aspirations.
- Very important to introspect where you wish to see yourself in the next 5, 10, 20 years!

The Preparation Process

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Preparation for CAT and other entrance exams (Mar-Apr)</td>
</tr>
<tr>
<td>2</td>
<td>Preparation for B-school interviews (Jun-Jul)</td>
</tr>
<tr>
<td>3</td>
<td>CAT and other entrance exams (Dec)</td>
</tr>
<tr>
<td>4</td>
<td>B-school interviews (Jan-Mar)</td>
</tr>
<tr>
<td>5</td>
<td>Admission (Jun-Jul)</td>
</tr>
</tbody>
</table>

Department of Information Technology, Pune Institute of Computer Technology, Pune.
Session -9: Views sharing by IIM Learner

Activity - II

Competitive Coding (HackersRank Platform)

Aim: To enhance students problem solving skills required in IT Industry and make them familiar with Industry level coding skills.

Objectives:

- To develop programming skills.
- To acquire valuable experience in problem solving.
- To compete with students across different departments
- To prepare students for coding round during campus placement.
- To develop team critical thinking skills.

Overview:

The competitive coding contest is great opportunity for students to showcase their coding skills in real world problems. It helps them to demonstrate their problem solving skills and programming proficiency. It allows them to practically implement their subject’s knowledge in real world problem. Problem statements given during contest are very different from regular lab
assignments, it basically gives you one real life scenario to solve and checks solution provided by students for multiply test cases.

**Weekly Conduction steps:**

- Every week problem statements will be given to students on HackerRank Platform. Problem statements will have different marks as per the difficulty level of problem.
- Students will be given a time slot (SE: 11:15 to 1:15 and TE: 2:00 to 4:00) to solve the problems.
- After the contest the weekly toppers are displayed and solutions to the problems are shared with students.

**Sample Problem Statement:**

*Sherlock Puzzle*

Sherlock Holmes is bored to death as there aren't any interesting cases to solve. Dr Watson finding it impossible to be around Sherlock goes out to get some fresh air. Just as he lays his feet out of the door, he is thrown right back into his house by the explosion in front of his apartment. The metropolitan police arrive at the scene a few minutes later. They search the place thoroughly for any evidence that could throw some light on the event that unfolded. Unable to get any clues, they call Sherlock for help. After repeated persuasion by Mycroft Holmes and Dr Watson, Sherlock agrees to look at the crime scene.

Sherlock walks into the apartment, the walls are all black and dripping wet as the fire was recently extinguished. With his skills, he observes, deduces and eliminates the impossible. What's left after it is a simple puzzle left by an evil computer genius and the future Arch Nemesis of Sherlock, Jim Moriarty.

Given a binary string (S) which contains '0's and '1's and an integer K, find the length (L) of the longest contiguous subsequence of (S * K) such that twice the number of zeroes is <= thrice the number of ones (2 * #0s <= 3 * #1s) in that sequence.

S * K is defined as follows: S * 1 = S  
S * K = S + S * (K - 1)

**Input Format**
The first (and only) line contains an integer K and the binary string S separated by a single space.
Constraints
1 <= |S| <= 1,000,000
1 <= K <= 1,000,000

Output Format
A single integer L - the answer to the test case

Sample Input
2 00010

Sample Output
2

Explanation
S * K = 0001000010
"1" and "10" meet the requirement that 2 * #0 <= 3 * #1
The longest one is "10", length = 2.

TE Weekly Competitive Coding Contest

<table>
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<tr>
<th>Week 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Day and Date</strong></td>
</tr>
<tr>
<td><strong>Time</strong></td>
</tr>
<tr>
<td><strong>Platform</strong></td>
</tr>
<tr>
<td><strong>Contest Link</strong></td>
</tr>
</tbody>
</table>

Problem Statements:
1. Repeated Strings Level: Easy Score: 20
2. Chocolates for the Girl Level: Medium Score: 40

Summary:
Competative Coding Contest TEIT (Week 1 - 14/08/21)
www.hackerrank.com/competative-coding-contest-week-1-140821

<table>
<thead>
<tr>
<th>Details</th>
<th>Challenges</th>
<th>Advanced Settings</th>
<th>Moderators</th>
<th>Notifications</th>
<th>Signups</th>
<th>Statistics</th>
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<tbody>
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Topper:
Sudarshan Maskare

Week 2

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<td>2:00 PM to 5:00 PM</td>
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<tr>
<td>Platform</td>
<td>HackerRank</td>
</tr>
</tbody>
</table>

Problem Statements:

1. Collect the Sticks Level: Medium Score: 20
2. Army Game Level: Easy Score: 20
3. Mehta and his Laziness Level: Hard Score: 60

Summary:
Competative Coding Contest (Week 2 - 21/08/21)

www.hackerrank.com/competative-coding-contest-week-2-210821

<table>
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<tr>
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<th>Moderators</th>
<th>Notifications</th>
<th>Signups</th>
<th>Statistics</th>
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<tbody>
<tr>
<td>Signup Count:</td>
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<tr>
<td>Total Cumulative Signups:</td>
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<td>238 (includes signups after the end of the contest)</td>
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<td>Login Count:</td>
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</table>

Topper:
Koushal Bhat

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Week 3

<table>
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<tr>
<th>Day and Date</th>
<th>Saturday, 28th August 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>2:00 PM to 5:00 PM</td>
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<tr>
<td>Platform</td>
<td>HackerRank</td>
</tr>
<tr>
<td>Contest Link</td>
<td><a href="https://www.hackerrank.com/competative-coding-contest-week-3-280821">https://www.hackerrank.com/competative-coding-contest-week-3-280821</a></td>
</tr>
</tbody>
</table>

Problem Statements:

1. Play with Fibonacci  
   Level: Easy  
   Score: 20
2. Atul and GF  
   Level: Medium  
   Score: 40
3. Sherlock Puzzle  
   Level: Hard  
   Score: 60

Summary:
Competative Coding Contest (Week 3 - 28/08/21)

www.hackerrank.com/competitive-coding-contest-week-3-280821

Topper:
@hsa01032001 (HackerRank UserName)

Week 4

Day and Date  Saturday, 4th September 2021
Time  2:00 PM to 11:00 PM
Platform  HackerRank

Contest Link  www.hackerrank.com/competitive-coding-contest-week-4-040921

Problem Statements:
1. Find the Path 6  Level: Medium  Score: 30
2. Cycle Detection  Level: Medium  Score: 20
3. Array Pairs  Level: Advanced  Score: 100

Summary:

Competitive Coding Contest TEIT (Week 4 - 04/09/21)

www.hackerrank.com/competitive-coding-contest-week-4-040921

Department of Information Technology, Pune Institute of Computer Technology, Pune.
Topper:
Apurva Parkhi

Week 5

Day and Date | Saturday, 11th September 2021
---|---
Time | 2:00 PM to 11:00 PM
Platform | HackerRank
Contest Link | www.hackerrank.com/competitive-coding-contest-teit-week-5-110921

Problem Statements:

1. Roman Numerals 8  Level: Medium  Score: 20
2. Climbing the Leaderboard  Level: Medium  Score: 20
3. Encryption  Level: Medium  Score: 30

Summary:

Competitive Coding Contest TEIT (Week 5 - 11/09/21)
www.hackerrank.com/competitive-coding-contest-teit-week-5-110921

Topper:
Sudarshan Maskare

Week 6

Department of Information Technology, Pune Institute of Computer Technology, Pune.
Professional Development Activity Report

<table>
<thead>
<tr>
<th>Day and Date</th>
<th>Saturday, 18&lt;sup&gt;th&lt;/sup&gt; September 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>2:00 PM to 11:00 PM</td>
</tr>
<tr>
<td>Platform</td>
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</tr>
<tr>
<td>Contest Link</td>
<td><a href="http://www.hackerrank.com/competitive-coding-contest-teit-week-6-180921">www.hackerrank.com/competitive-coding-contest-teit-week-6-180921</a></td>
</tr>
</tbody>
</table>

**Problem Statements:**

1. Making Candles  
   Level: Medium  
   Score: 45
2. Crossword Puzzle  
   Level: Medium  
   Score: 30

**Summary:**

Competitive Coding Contest TEIT (Week 6 - 18/09/21)

www.hackerrank.com/competitive-coding-contest-teit-week-6-180921

<table>
<thead>
<tr>
<th>Details</th>
<th>Challenges</th>
<th>Advanced Settings</th>
<th>Moderators</th>
<th>Notifications</th>
<th>Signups</th>
<th>Statistics</th>
</tr>
</thead>
</table>

Signup Count: 76  
Total Cumulative Signups: 76 (includes signups after the end of the contest)  
Login Count: 59  
Login Conversion Rate: 77.63%  
Number of Users Who Submitted Code: 18

Topper:  
Akanksha Muthe

Week 7

<table>
<thead>
<tr>
<th>Day and Date</th>
<th>Saturday, 23&lt;sup&gt;rd&lt;/sup&gt; October 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>2:00 PM to 11:00 PM</td>
</tr>
<tr>
<td>Platform</td>
<td>HackerRank</td>
</tr>
<tr>
<td>Contest Link</td>
<td><a href="http://www.hackerrank.com/competitive-coding-contest-teit-week-7-231021">www.hackerrank.com/competitive-coding-contest-teit-week-7-231021</a></td>
</tr>
</tbody>
</table>
Problem Statements:

1. Kingdom Division  Level: Medium  Score: 50
2. Construct the array  Level: Medium  Score: 35

Summary:

Competitive Coding Contest TEIT (Week 7 - 23/10/21)

www.hackerrank.com/competitive-coding-contest-teit-week-7-231021

<table>
<thead>
<tr>
<th>Details</th>
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<th>Notifications</th>
<th>Signups</th>
<th>Statistics</th>
</tr>
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<tbody>
<tr>
<td>Signup Count:</td>
<td>7</td>
<td>Total Cumulative Signups:</td>
<td>7 (includes signups after the end of the contest)</td>
<td>Login Count:</td>
<td>7</td>
<td>Login Conversion Rate:</td>
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</table>

Topper:

Vaibhav Bichve

---

Week 8

<table>
<thead>
<tr>
<th>Day and Date</th>
<th>Saturday, 30th October 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>2:00 PM to 4:00 PM</td>
</tr>
<tr>
<td>Platform</td>
<td>HackerRank</td>
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<tr>
<td>Contest Link</td>
<td><a href="http://www.hackerrank.com/competitive-coding-contest-teit-week-8-301021">www.hackerrank.com/competitive-coding-contest-teit-week-8-301021</a></td>
</tr>
</tbody>
</table>

Problem Statements:

1. Special Multiple  Level: Medium  Score: 30
2. Closest Number  Level: Medium  Score: 30

Summary:
Competitive Coding Contest TEIT (Week 8 - 30/10/21)
www.hackerrank.com/competitive-coding-contest-teit-week-8-301021

Topper:
Pranav Shirke

Week 9

Day and Date | Saturday, 13th November 2021
---|---
Time | 2:00 PM to 4:00 PM
Platform | HackerRank


Problem Statements:
1. Largest Rectangle | Level: Medium | Score: 50
2. Castle on the Grid | Level: Medium | Score: 30

Summary:

Competitive Coding Contest TEIT (Week 9 - 13/11/21)
www.hackerrank.com/competitive-coding-contest-teit-week-9-131121

Department of Information Technology, Pune Institute of Computer Technology, Pune.
Topper:
Anuja Patil

<table>
<thead>
<tr>
<th>Week 10</th>
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<tbody>
<tr>
<td>Day and Date</td>
</tr>
<tr>
<td>Time</td>
</tr>
<tr>
<td>Platform</td>
</tr>
</tbody>
</table>

Problem Statements:

1. Queen’s Attack II  
   Level: Medium  
   Score: 30
2. Organizing Containers of Balls  
   Level: Medium  
   Score: 30

Summary:

**Competitive Coding Contest TEIT (Week 10 - 26/11/21)**

- **Signup Count:** 18
- **Total Cumulative Signups:** 18 (includes signups after the end of the contest)
- **Login Count:** 14
- **Login Conversion Rate:** 77.78 %
- **Number of Users Who Submitted Code:** 1

Topper:
Vaibhav Bichave
SE Weekly Competitive Coding Contest

<table>
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<tr>
<th>Week 1</th>
</tr>
</thead>
<tbody>
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<tr>
<td><strong>Time</strong></td>
</tr>
<tr>
<td><strong>Platform</strong></td>
</tr>
<tr>
<td><strong>Contest Link</strong></td>
</tr>
</tbody>
</table>

**Problem Statements:**

1. Repeated Strings | Level: Medium | Score: 30
2. Chocolates for the Girl | Level: Easy | Score: 20

**Summary:**

**Competitive Coding Contest SEIT (Week-1 28/08/21)**

**Topper:**

Sayali chenake

Department of Information Technology, Pune Institute of Computer Technology, Pune.
Week 2

Day and Date  Saturday, 4th September 2021
Time  11:15 AM to 1:15 PM
Platform  HackerRank
Contest Link  www.hackerrank.com/competitive-coding-contest-seit-week-2-040921

Problem Statements:
1. Collect the Sticks  Level: Medium  Score: 20
2. Army Game  Level: Easy  Score: 30

Summary:
Competitive Coding Contest SEIT (Week-2 04/09/21)
www.hackerrank.com/competitive-coding-contest-seit-week-2-040921

<table>
<thead>
<tr>
<th>Details</th>
<th>Challenges</th>
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<th>Signups</th>
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<td>(includes signups after the end of the contest)</td>
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<tr>
<td>Login Count:</td>
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<td>Login Conversion Rate:</td>
<td>77.65 %</td>
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<td>Number of Users Who Submitted Code:</td>
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Topper:
Ameya Dhake

Week 3

Day and Date  Saturday, 11th September 2021
Professional Development Activity Report

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<td>HackerRank</td>
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</table>

### Problem Statements:

1. **Play with Fibonacci**  
   - Level: Medium  
   - Score: 30
2. **Akhil and GF**  
   - Level: Hard  
   - Score: 40

### Summary:

Competitive Coding Contest SEIT (Week-3 11/09/21)  
[www.hackerrank.com/competitive-coding-contest-seit-week-3-110921](http://www.hackerrank.com/competitive-coding-contest-seit-week-3-110921)

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<tbody>
<tr>
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<td>Total Cumulative Signups:</td>
<td>168 (includes signups after the end of the contest)</td>
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<tr>
<td>Number of Users Who Submitted Code:</td>
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</table>

**Topper:**

Tanvi Tendulkar

Department of Information Technology, Pune Institute of Computer Technology, Pune.

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<table>
<thead>
<tr>
<th>Week 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Day and Date</strong></td>
</tr>
<tr>
<td><strong>Time</strong></td>
</tr>
<tr>
<td><strong>Platform</strong></td>
</tr>
<tr>
<td><strong>Contest Link</strong></td>
</tr>
</tbody>
</table>

### Problem Statements:

1. **Find the Path 6**  
   - Level: Medium  
   - Score: 30
2. Cycle Detection Level: Medium Score: 20
3. Array Pairs Level: Advanced Score: 100

Summary:

Competitive Coding Contest SEIT (Week 4 - 18/09/21)
www.hackerrank.com/competitive-coding-contest-set-week-4-180921

<table>
<thead>
<tr>
<th>Details</th>
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<th>Notifications</th>
<th>Signups</th>
<th>Statistics</th>
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<td>143</td>
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<tr>
<td>107</td>
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<tr>
<td>74.83 %</td>
<td>Login Conversion Rate:</td>
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<td>50</td>
<td>Number of Users Who Submitted Code:</td>
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</tr>
</tbody>
</table>

Topper:
Garima Rathi

Week 5

Day and Date Saturday, 23rd October 2021
Time 11:00 AM to 1:15 PM
Platform HackerRank
Contest Link www.hackerrank.com/competitive-coding-contest-seit-week-5-231021

Problem Statements:
1. Sherlock and the valid string Level: Medium Score: 35
2. Caesar Cipher Level: Easy Score: 15

Summary:

Department of Information Technology, Pune Institute of Computer Technology, Pune.
Professional Development Activity Report

Competitive Coding Contest SEIT (Week 5 - 23/10/21)
www.hackerrank.com/competitive-coding-contest-seit-week-5-231021

Topper:
Cheril Shah

Week 6

Day and Date
Saturday, 13th November 2021

Time
11:00 AM to 1:15 PM

Platform
HackerRank

Contest Link
www.hackerrank.com/competitive-coding-contest-seit-week-6-131121

Problem Statements:

1. New Year Chaos
   Level: Medium
   Score: 40

2. Fraudulent Activity Notifications
   Level: Medium
   Score: 40

Summary:

Competitive Coding Contest SEIT (Week 6 - 13/11/21)
www.hackerrank.com/competitive-coding-contest-seit-week-6-131121

Department of Information Technology, Pune Institute of Computer Technology, Pune.
Professional Development Activity Report

Topper:
Yash Dhavale

<table>
<thead>
<tr>
<th>Week 7</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Day and Date</strong></td>
</tr>
<tr>
<td><strong>Time</strong></td>
</tr>
<tr>
<td><strong>Platform</strong></td>
</tr>
<tr>
<td><strong>Contest Link</strong></td>
</tr>
</tbody>
</table>

Problem Statements:

1. Bigger is Greater  
   Level: Medium  
   Score: 35
2. Modified Caprekar Numbers  
   Level: Easy  
   Score: 30

Summary:

Competitive Coding Contest SEIT (Week 7 - 26/11/21)

Topper:
Yash Dhavale
Activity Photos
Student’s Feedback

Department of Information Technology, Pune Institute of Computer Technology, Pune.
### Feedback

**Feedback Url:**
https://docs.google.com/spreadsheets/d/1U6oGWxpS2ML3JLrimxMiliQu9EpmFWbPG/edit?usp=sharing&ouid=1089506304906688678&rtpof=true&sd=true

<table>
<thead>
<tr>
<th>Student Name</th>
<th>Feedback</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adwait A Deshmukh</td>
<td>Great initiative and nicely structured</td>
</tr>
<tr>
<td>Sudeep Milind Mangalvedhekar</td>
<td>Thank you so much for all the sessions conducted as part of Professional Development Activity. The resume building sessions and the competitive programming contests helped me a lot to prepare for the on-campus internship drive.</td>
</tr>
<tr>
<td>Mayur Sonawane</td>
<td>It is good, keep doing it.</td>
</tr>
<tr>
<td>Neil Deshpande</td>
<td>This activity was very helpful for me to know where I stand amongst my peers. I would like to see this activity continued in the upcoming semesters as well.</td>
</tr>
<tr>
<td>Rhutvij Pravin Chiplunkar</td>
<td>Good initiative</td>
</tr>
<tr>
<td>Isha Kanade</td>
<td>PDA activities really helped me a lot. Cp contests improved my problem-solving abilities. Really excited to participate in the next semester also.</td>
</tr>
<tr>
<td>Swapnil Chhatre</td>
<td>The PDA activity is a great initiative to help students in competitive programming. My suggestions is that if the committee is able conduct some live lectures where speaker is an expert in CP then that will be more beneficial. If the speaker can conduct hands-on problem solving then this will give students some pointers about how to approach specific problems.</td>
</tr>
<tr>
<td>Akash Kulkarni</td>
<td>Great initiative sir helped me a lot. Discussion of answers can also be fruitful.</td>
</tr>
<tr>
<td>Atharva Sanjeev Dere</td>
<td>I really liked the overall concept of preparing students before placements and internships. It helped me a lot in landing an internship at UBS even though I was not able to give every test regularly.</td>
</tr>
<tr>
<td>Krishiv Dakwala</td>
<td>The sessions and competitions organized were very helpful.</td>
</tr>
<tr>
<td>Disha Chavan</td>
<td>Great experience, activities were very helpful for placement preparation</td>
</tr>
<tr>
<td>Soham Patil</td>
<td>Want aptitude tests and competitive programming in next Sem too.</td>
</tr>
<tr>
<td>Shreiddha Wakchaure</td>
<td>The time could have been in the morning or after 5 pm else it should be flexible.</td>
</tr>
<tr>
<td>Bhagyashree Suryakant Karnavat</td>
<td>It was great experience to compete with brilliant coders</td>
</tr>
<tr>
<td>Faizan Ali</td>
<td>I really appreciate the efforts of all faculties involved in PDA. It will surely help us further also</td>
</tr>
</tbody>
</table>

Department of Information Technology, Pune Institute of Computer Technology, Pune.
<table>
<thead>
<tr>
<th>Name</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Akshata Vijay Dudhane</td>
<td><em>The sessions were very good and beneficial for me. Got to learn alot from it.</em></td>
</tr>
<tr>
<td>Rajesh Chaudhari</td>
<td><em>Indeed amazing.</em></td>
</tr>
<tr>
<td>Varad Mashalkar</td>
<td><em>The activities were certainly beneficial with respect to the concerned topics.</em></td>
</tr>
<tr>
<td>Dhanashree Lavekar</td>
<td><em>The PDA committee was very helpful with arranging important sessions and tests. I highly appreciate the efforts. Keep going!!</em></td>
</tr>
<tr>
<td>Vaishnavi Dhadiwal</td>
<td><em>PDA activity helped to upskill myself. Thank you for the work and efforts done.</em></td>
</tr>
<tr>
<td>Aditya Kangune</td>
<td><em>It was fun to learn new things</em></td>
</tr>
<tr>
<td>Akanksha Muthe</td>
<td><em>Will like have these sessions next semester too.</em></td>
</tr>
</tbody>
</table>
Report on
An Online workshop
On
“Resume Writing”
For
SE and TE Students of IT Department
On
25th September, 2021 (Saturday)
30th September, 2021 (Friday)
1st October, 2021 (Thursday)
Organised by
Professional Development Activity Committee
Society for Computer Technology and Research’s
Pune Institute of Computer Technology
Sr. No. 27, Pune-Satara Road, Dhankawadi,
Pune, Maharashtra 411043. (www.pict.edu)
An Online Workshop on “Resume Writing”

Report: An online workshop on “Resume Writing” for SE and TE students organized by Department of Information Technology, Pune Institute of Computer Technology, Pune.

To: Department of Information Technology, Pune Institute of Computer Technology, Pune

From: Mr. Sachin Pande, Head – Professional Development Committee, Department of Information Technology, Pune Institute of Computer Technology, Pune.

Date and time of conduction:

<table>
<thead>
<tr>
<th>Session no.</th>
<th>Date and Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session 1</td>
<td>25th September, 2021 (Saturday)</td>
<td>02:00 pm to 04:00 pm</td>
</tr>
<tr>
<td>Session 2</td>
<td>30th September, 2021 (Friday)</td>
<td>04:00 pm to 05:00 pm</td>
</tr>
<tr>
<td>Session 3</td>
<td>1st October, 2021 (Thursday)</td>
<td>04:00 pm to 05:00 pm</td>
</tr>
</tbody>
</table>

Mode of conduction: Microsoft Teams.

Fees: No fees for attendees.

Number of Registrations: 262

Organized by: Mr. Sachin Pande, Head – Professional Development Committee, Department of Information Technology, Pune Institute of Computer Technology, Pune.

Speaker’s Short Profile: Ms. Sapna Karia
- University Gold Medalist, Master of Personnel Management, SPPU
- PGDBA, PGD, PGDIEM, Post Graduate Diploma in Defense Analysis & National Security, University Topper, SPPU
- Consultant – Cops Excellence, Pune Police
- Incharge – Communication, Pune International Centre (Project Under Ministry of External Affairs)
- Faculty – Indian Army, PMKK (Pradhan Mantri Kaushal Kendra)
- Visiting Faculty – Symbiosis Institute of Management, AIMS Institute (Pune University)

The objectives of an Online Workshop on “Resume Writing”:
- The objective is Learn the latest resume guidelines that help you get hired.
- To learn how to customize your resume for each job application
The outcome of an Online Workshop on “Resume Writing”:
- Participants will be able to improve professional skills and pre- and post-interviewing skills

Feedback analysis:

Class-wise Feedback analysis: SE/TE/BE

Was session useful to improve professional skills and pre- and post-interviewing skills

100%

Do you want more sessions to enhance your skills towards professional Development?

100%

Execution:

Mr. Sachin Pande welcomed the students and introduced the Resource person Ms. Sapna Karia.

Sapna Karia started the session with simple question of the difference between a resume, curriculum vitae and Bio-data. The answer helped to clarifying the doubts of students that whether as a fresher one has to write a resume or a CV. She gave a general guideline on writing a resume which is as follows:

1. Name, address, mobile no., email
An Online Workshop on “Resume Writing”

2. Objective
3. Education
4. Work experience with responsibilities
5. Skills- Educational and Managerial
6. Achievements
7. Referrals

She further explained the three formats of career summary statement viz. chronological, functional or a combination of both. In addition to this, different sections of a resume that one needs to format were discussed. Students were given the task to write their own resume and asked to submit before follow-up sessions. In follow up sessions, healthy discussion on uploaded resume were carried and given individual attention during this session. Tips on Do’s and Don’ts were discussed. Lastly question asked by students on how to present resume with introduction.

Timewise execution of the activity.

<table>
<thead>
<tr>
<th>Session no.</th>
<th>Date and Day</th>
<th>Time</th>
<th>No. of Participants</th>
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<td>02:00 pm to 04:00 pm</td>
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<td>Session 2</td>
<td>30th September, 2021 (Friday)</td>
<td>04:00 pm to 05:00 pm</td>
<td>110</td>
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<tr>
<td>Session 3</td>
<td>1st October, 2021 (Thursday)</td>
<td>04:00 pm to 05:00 pm</td>
<td>96</td>
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</table>

Impact analysis
The participants will be able to
- Learn the latest resume guidelines that help you get hired.
- To learn how to customize resume for each job application
- To improve professional skills and pre- and post-interviewing skills

Recording and resource material are shared over google groups and PDA Whatsapp Group.

Queries asked during discussion

1. How long should my resume be?
   
   **Answer:** sometimes one page doesn't provide sufficient space for you to fully demonstrate your competencies and accomplishments. Writing a two-page resume is completely acceptable, especially if you are a few years into your career and all the information included applies to the jobs you're seeking.
2. Should I list my work achievements?
   **Answer:** Hiring managers are typically looking to see whether you've added practical value in your past roles by accomplishing key goals and achieving measurable results.

3. What are resume keywords and why should I use them?
   **Answer:** In recent years, many hiring managers have started using automated software to scan resumes for specific keywords that may signify that a candidate is a good fit. This is an easy way for hiring managers to filter out candidates with little relevant experience.

4. What file format should I use to send my electronic resume?
   **Answer:** Because most candidates submit their job applications electronically, the way they send in resumes has changed as well. Some candidates use their technological knowledge to create complex e-portfolios and high-quality resume designs, but these formats aren't the norm. It's commonly expected for candidates to send their electronic resumes in word document format or portable document format (PDF). Using a PDF is a great option to ensure that your resume's formatting will be maintained when a hiring manager opens the file on their computer.

5. Must I include my GPA on my resume?
   **Answer:** As a student or recent graduate your academic achievement will be one of your most important assets. The basic rule of thumb is "if you've got it, flaunt it," it is appropriate to include your GPA on your resume if it is 3.0 or above.

Photographs of the event
An Online Workshop on “Resume Writing”

What to Include?
- Skills
- Experience
- Extra Curricular Activities
- Accomplishments
- Special qualities