

DATE: 18/03/2021

**Event Coordinator(s)**

1. S.Beatrice
2. Kirti Motwani

**Student Coordinator(s)**

1. Lincy Lois Brian
2. Kevin Fernandes

**Time & Place:**

**Zoom Online**

18/03/2021

10:15am - 12:30pm,

Xavier Institute of Engineering

**Department:**

Computer Engineering

**No of participants: 145**

**EVENT : Code for placements-Essentials of Hacker rank & Hacker earth**

**Details of the resource person:.** Ms.Bhuvanya, Research scholar in Dr.Sagunthala R&D Institute of science & Technology, Chennai

**Short description:**

Target audience: Computer engineering students

**Purpose:**

Explain the importance of coding

Provide various resources to improve coding skills

**Benefits:**

Improve creative and critical thinking

Help students in securing better job opportunities

Enhances knowledge about programming languages.

The event was held on zoom online platform, around 145 students from SE, TE and BE Computer branch attended the event.

The event began with a general introduction about importance of coding, followed by the actual working of programming languages and involved components.

After which began the introduction about various online coding platforms and their placement opportunities. Students were also guided about the ways and need to avoid plagiarism in such hackathon.

**Student Feedback and Benefits:**

It was quite informative and beneficial for second, third and fourth year students as it covered almost all doubts regarding coding and taking up coding challenges.



## Must know programming skills

Service-based companies	Service + Product based companies	Product, dream and super-companies	Analytics companies
<b>C-Programming:</b> <ul style="list-style-type: none"> <li>Primitive types and Operators</li> <li>Functions, arrays and strings</li> <li>Control and looping statements</li> <li>Pointers and memory</li> <li>Structures, Unions and Advanced</li> </ul> <b>Data Structures:</b> <ul style="list-style-type: none"> <li>Linear Data Structures</li> <li>Non-linear Data Structures</li> <li>Algorithms</li> </ul> <b>Java programming:</b> <ul style="list-style-type: none"> <li>Arrays, Strings, I/O</li> <li>OOPS</li> <li>Exception handling</li> </ul>	<b>C-Programming:</b> <ul style="list-style-type: none"> <li>Primitive types and Operators</li> <li>Functions, arrays and strings</li> <li>Control and looping statements</li> <li>Pointers and memory</li> <li>Structures, Unions and Advanced</li> </ul> <b>Data structures:</b> <ul style="list-style-type: none"> <li>Linear Data Structures</li> <li>Non-linear Data Structures</li> <li>Algorithms</li> <li>Strategies</li> </ul> <b>Java Programming</b> <ul style="list-style-type: none"> <li>Arrays, Strings, I/O</li> <li>OOPS</li> <li>Exception handling</li> <li>Java OOPS Misc</li> </ul> <b>C++ Programming:</b> <ul style="list-style-type: none"> <li>Data types, Operators and loops</li> <li>Functions, arrays and strings</li> <li>OOPS</li> <li>Exception handling &amp; vectors</li> </ul>	<b>C-Programming:</b> <ul style="list-style-type: none"> <li>Functions, arrays and strings</li> <li>Pointers and memory</li> <li>Control and looping statements</li> <li>Structures, Unions and Advanced</li> </ul> <b>Data Structures:</b> <ul style="list-style-type: none"> <li>Linear Data Structures</li> <li>Non-linear Data Structures</li> <li>Algorithms</li> <li>Strategies</li> </ul> <b>Java Programming:</b> <ul style="list-style-type: none"> <li>Arrays, Strings, I/O</li> <li>OOPS</li> <li>Java OOPS Misc</li> </ul> <b>C++ Programming:</b> <ul style="list-style-type: none"> <li>OOPS</li> </ul>	<b>C-Programming:</b> <ul style="list-style-type: none"> <li>Primitive types and Operators</li> <li>Functions, arrays and strings</li> <li>Control and looping statements</li> <li>Pointers and memory</li> <li>Structures, Unions and Advanced</li> </ul>

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Bhuvanya Raghunath...



483 LINCY LOIS B...

Kevin Fernandes

Comp\_72\_Jay



Unmute



Start Video



Security



Participants



Chat



Share Screen



Pause/Stop Recording



Reactions



End



11:21 AM

18-03-2021



483 LINCY LOI... Bhuvanya Raghu... BECOMPS\_68\_a... BEcomps\_13\_br... Shaun Noronha Beatrice Jeeva...

## Outline

- Introduction
- Essentials to Languages
- Programming Languages
- How to approach coding problem?
- **Placements through Coding challenges**
- Hacker Rank and Hacker Earth – Hands-on Session
- Measures against Plagiarism
- Coding practice sites



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## Coding Challenges that may lead to jobs

S.no	Competition	Organised by
1.	Code vita	Tata Consultancy Services
2.	Ingenium Campus Ambassador Program	QuEST Global
3.	Code for Good	J.P.Morgan
4.	Codiva	Adobe
5.	Tech Challenge 50	Capgemini
6.	Aakruti	Dassault Systèmes
7.	Innovation challenge	Accenture



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Zoom Meeting

Recording...

hackerank.com/jobs/search

Find Your Dream Job

Role Location Your Jobs Dashboard

 <p><b>Senior Software Engineer, Cloud Services</b>          ROKU          Los Gatos, CA, US          5+ Years Experience</p>	 <p><b>Engineering Manager, Desktop Firefox Frontend</b>          MOZILLA          Multiple Locations          5+ Years Experience</p>	 <p><b>Senior Software Engineer - Backend</b>          TRUEACCORD, CORP          Lenexa, KS, US          4+ Years Experience</p>
 <p><b>Senior Software Engineer - Backend</b>          TRUEACCORD, CORP          San Francisco, CA, US          6+ Years Experience</p>	 <p><b>Senior Machine Learning Engineer,...</b>          ROKU          San Jose, CA, US          4+ Years Experience</p>	 <p><b>Software Engineer - Backend (Sync Gaming)</b>          SKILLZ          Portland, OR, US          2+ Years Experience</p>
 <p><b>Senior Security Engineer</b>          SKILLZ          Portland, OR, US          5+ Years Experience</p>	 <p><b>Software Engineer - Backend</b>          SKILLZ          Portland, OR, US          2+ Years Experience</p>	 <p><b>Senior Data Engineer</b>          SKILLZ          Portland, OR, US          4+ Years Experience</p>

Bhuvanya Raghunathan

11:36 AM 18-03-2021



**Beatrice.S**  
 Asst.Professor  
 Computer Engineering  
 Department



**Kirti Motwani**  
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 Department