



## EPEC- CLUBS

### Year Report

<i>Name of the Team: GedIT Coding Club</i>	
<b><i>Main Objective of the Team: To introduce students to Competitive Coding To introduce students to online problem-solving problem repositories.</i></b>	
Number of events conducted in AY 2020-2021	<b>4 events were conducted</b>
Name of the events:	1. CodeClash 2. GitHub I & II 3. Java Core Bootcamp 4. DSA Bootcamp
Number of Team Members:	19
Name of Key Organisers:	
Provide the link of your Social Media Handles	Instagram: <a href="https://www.instagram.com/gedit.vit/">https://www.instagram.com/gedit.vit/</a> Facebook: <a href="https://www.facebook.com/gedit.vit">https://www.facebook.com/gedit.vit</a> LinkedIn: <a href="https://www.linkedin.com/company/gedit-coding-club-vit-pune/">https://www.linkedin.com/company/gedit-coding-club-vit-pune/</a>

**Scroll Down**

**Individual Event Reports (Copy paste the same table and add to the report if number of events is more than 1)**

**Event 1**

Name of the event:	<b>CodeClass</b>
Dates of event:	<b>04/02/2024</b>
Online Platform/ Venue:	<b>Online</b>
Event span (hours/days)	<b>2hrs</b>
Footfall/Total attendance	<b>160</b>
Name and contact of the key organiser(s)	<b>Siddhesh Shinde No.: 9022164893</b>
No. of people involved in the organising committee (all levels of hierarchy included, Core team to Volunteers)	<b>18</b>
Objective of the event	<b>To introduce students to Competitive Coding To introduce students to online problem-solving problem repositories.</b>
Brief description of the said event	<b>The CodeClash coding competition showcased remarkable talent, attracting participants from the college for their first experience with competitive coding. With challenges spanning various domains, including algorithms, data structures and object-oriented programming, contestants demonstrated exceptional problem-solving abilities and creativity. The event fostered collaboration and camaraderie among participants, fostering a vibrant community of coding enthusiasts. CodeClash not only provided a platform for competition but also served as a valuable learning experience.</b>
Key event outcomes	<b>Students were comfortable with solving problems on online platforms like HackerRank, LeetCode etc</b>
Milestones set by the event (if any)	<b>NA</b>
Name and bio of chief guest along with social media links (if any)	<b>Dr. Premanand Ghadekar (HOD IT)</b>

**Add any kind of additional information or a ready report if you wish to which can be used by team Vaatchal (Optional):**

**Add minimum 2 photographs of the said event (Mandatory):**





# CodeClash



## Coding Competition

- 1 Hour
- 10 Questions
- Open for everybody



## Details

Entry Fee: 40₹

Total Prize Pool: 5000₹+

Separate Prize Pools by Year



Date: **25 January 2024**



Time: **<TIME>, 1 hour**



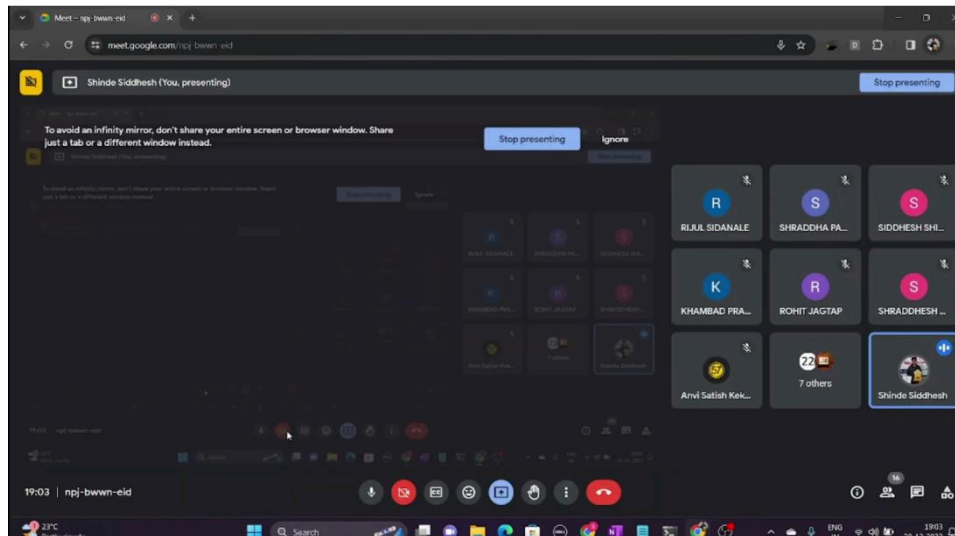
Venue: **Online**



Name of the event:	GedIT Coding Club – Java Core Bootcamp
Dates of event:	18/12/2023 to 28/12/2023
Online Platform/ Venue:	Online
Event span (hours/days)	2hrs
Footfall/Total attendance	47
Name and contact of the key organiser(s)	<b>Siddhesh Shinde No.: 9022164893</b>
No. of people involved in the organising committee (all levels of hierarchy included, Core team to Volunteers)	<b>5</b>
Objective of the event	<b>Teach Java from the Fundamentals. Make sure students are comfortable with working in Java. Touch on topics such as GUI using Swing and Collections.</b>
Brief description of the said event	<b>Various Instructors from GedIT Coding Club taught Java from the very fundamentals, all the way from basic language constructs, Object Oriented Programming Concepts such as Polymorphism, Inheritance, and Interfaces all the way to Java GUI based programming using Swing and AWT, Collections and Templates, along with their use for Data Structures and Algorithms Problems.</b>
Key event outcomes	The students learnt the Java Programming Language from the basics. Students were comfortable with working in Java and were eager to explore more advanced topics. This bootcamp served as additional practice sessions for students, benefitting the faculty in the process.
Milestones set by the event (if any)	<b>NA</b>

Name and bio of chief guest along with social media links (if any)

NA



**GedIT** 

## GEDIT CODING CLUB ORGANISES FREE CORE JAVA BOOTCAMP

Make yourself placement ready learn Java from basics to advance!

**WHAT TOPICS TO EXPECT?**

- ✓ What is OOP?
- ✓ Complete Core Java
- ✓ Collections in Java

**JOIN THE WHATSAPP GROUP FOR MORE DETAILS**



**RESERVE YOUR SEAT BY JOINING THE WHATSAPP GROUP NOW!**

Name of the event:	GedIT Coding Club – Shortest Path Finding Algorithms Session
Dates of event:	28-11-2023
Online Platform/ Venue:	Online
Event span (hours/days)	2hrs
Footfall/Total attendance	37
Name and contact of the key organiser(s)	<b>Siddhesh Shinde No.: 9022164893</b>
No. of people involved in the organising committee (all levels of hierarchy included, Core team to Volunteers)	5
Objective of the event	<b>Master the basics of Shortest Path finding algorithms. Explore some advanced concepts like admissibility of heuristics.</b>
Brief description of the said event	<b>Mrs. Snehal Chaudhary led students through the foundational principles of pathfinding, beginning with the fundamental concepts of BFS and DFS. As the course progressed, she delved into more intricate algorithms such as A-star and AO-star, providing a thorough understanding of a diverse range of techniques. From mastering basic traversal strategies to exploring advanced optimization methods, Mrs. Chaudhary's guidance ensured that students gained a holistic perspective on pathfinding algorithms. Her comprehensive approach equipped them with the skills and knowledge needed to navigate complex computational challenges effectively, fostering a deep appreciation for the intricacies of algorithmic problem-solving.</b>
Key event outcomes	Students learnt the importance of shortest-path finding algorithms and their implementation. Students who followed along with the session were adept at



	implementing most of the shortest path finding algorithms. This bootcamp served as additional practice sessions for students, benefitting the faculty in the process.
Milestones set by the event (if any)	NA
Name and bio of chief guest along with social media links (if any)	NA

**Example**

**Step 6**

Select edge with lowest cost (4,5)  
 Find(4) = 1, Find(5) = 2  
 Union(1,2)  
 F = {{1,3,4,2,5,6}}  
 5 edges accepted : end  
 Total cost = 10  
 Although there is a unique spanning tree in this example, this is not generally the case



**VISHWAKARMA INSTITUTE OF TECHNOLOGY**



Department of Information Technology and  
GedIT coding club brings you an Expert  
Session on Topic:

**UNDERSTANDING  
SHORTEST PATH  
ALGORITHMS IN DATA  
STRUCTURE**

**TUESDAY  
28 NOVEMBER 2023  
04.00 PM**

**MODE: ONLINE (GOOGLE MEET)**



**MRS. SNEHAL CHAUDHARY**

ASSISTANT PROFESSOR AT BHARATI  
VIDHYAPEETH, PUNE

Name of the event:	GedIT Coding Club – Get Familiar With GitHub Session
Dates of event:	29-08-2023
Online Platform/ Venue:	Offline
Event span (hours/days)	2hrs
Footfall/Total attendance	57
Name and contact of the key organiser(s)	<b>Siddhesh Shinde No.: 9022164893</b>
No. of people involved in the organising committee (all levels of hierarchy included, Core team to Volunteers)	5
Objective of the event	<p><b>Git, GitHub and the concepts of FOSS (Free and Open Source Software) were taught to students.</b></p> <p><b>Students were taught the basics of Version Control, the fundamentals of Git and GitHub</b></p> <p><b>Students learned the way Git and GitHub is used from a corporate perspective and project manager perspective.</b></p> <p><b>Students were taught the advanced concepts of Version Control, Git and GitHub.</b></p>
Brief description of the said event	<p><b>The Introduction to GitHub event was a practical session designed to familiarize participants with Git and GitHub’s core functionalities. Led by GSoC (Google Summer of Code) Contributor Rajkumar Dongre, the event covered the basics of Git, repository management, version control, and collaborative workflows using GitHub. Through hands-on exercises and demonstrations, attendees gained practical experience in utilizing GitHub for effective code management and collaboration in software development projects.</b></p>
Key event outcomes	<p>Students learnt the very basics of GitHub, allowing them to save their projects and code in an easy and convenient way.</p>

	Students were informed of the use of such VCS tools across the industry.
Milestones set by the event (if any)	NA
Name and bio of chief guest along with social media links (if any)	NA





# GET FAMILIAR WITH GITHUB

## KEY HIGHLIGHTS

- Learn the basics of version control
- Understand Git and GitHub
- Explore repositories, branches, and commits
- Collaborative coding using pull requests
- GitHub best practices and tips



**Date: 29 August 2023**



**Time: 4PM onwards**



FOR MORE UPDATES  
STAY TUNED AT



@gedit.vit

**Rajkumar Dongre**

GitHub Enthusiast



# GET FAMILIAR WITH GITHUB



## KEY HIGHLIGHTS

- Concepts of Branches, Forking, Pull Requests
- Contribute in Team collaboration
- Complete workflow to contribute in teamwork
- Collaborative coding using pull requests
- GitHub best practices and tips

 **Date: 15 September 2023**

 **Time: 4PM onwards**

 **Venue: 1301**



**On Your Demand  
PART-2**

**Rajkumar Dongre**  
GSoC Contributor