

KCES's College of Engineering and Management, Jalgaon

Subject Wise Interactive Java Pattern Pixels Coding Based Activity

Subject: Object Oriented Programming

- ❖ **Activity Report: Java Pattern Pixel**
 - ❖ **Date of Event: 21/04/2026**
 - ❖ **Organized by: Mrs.Sneha D. Patil**
 - ❖ **Subject: OOP (Div. D)**
 - ❖ **Venue: Lab No.103 /KCES's COEM, Jalgaon**
 - ❖ **Participants: 7 Teams from Both EC Department (2–3-4 members per team)**
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Objective of the Event

The primary objective of *Crack the Code* was to:

- Encourage logical thinking, problem-solving, and efficient coding.
- Provide a platform for students to apply theoretical knowledge in real-time challenges.
- Promote teamwork and collaboration under time constraints.
- Identify top talent with a sharp coding edge through competitive coding rounds.

Event Overview & Session Description

The event was divided into **three intense rounds**, each designed to test participants' programming and analytical capabilities in a progressively challenging manner.

Round 1: Elimination Round

- **Total Teams:** 7
- **Duration:** 30 minutes
- **Problem Type:** Basic to intermediate programming logic (e.g., pattern printing, data manipulation, etc.)
- **Task:** Each team received a unique problem and was expected to generate the correct output within the time frame.

❖ Assessment Criteria:

- Correctness of output
- Logic implementation
- Code efficiency

- Submission time

❖ **Outcome:**

Top **3 teams** were shortlisted based on their performance and were promoted to the next round.

✚ **Round 2: Semi-Final Round**

- **Qualified Teams:** 3
- **Duration:** 30 minutes
- **Problem Type:** Intermediate level, involving conditional logic and data structures.
- **Task:** Teams had to write code that manipulated data structures or solved algorithmic problems with accuracy and speed.

❖ **Assessment Criteria:**

- Functional accuracy
- Optimization of code
- Time of completion

❖ **Outcome:**

From the 3 teams, the best **1 teams** were selected based on their ability to generate correct output swiftly and with optimized code

✚ **Final Showdown**

- **Finalists:** 1 Team
- **Duration:** Time-bound (Winner decided based on fastest correct output)
- **Problem Type:** High-level logic-based problem, simulating real-world scenarios.
- **Task:** Teams were given a challenging programming question where output had to be correct, cleanly coded, and delivered in the shortest possible time.

❖ **Outcome:**

- **Winner:** Group A – completed the challenge fastest with clean and accurate output.
- **Runner-Up:** Group F – close second, good logic and structure.

Glimpse of Activity:



Feedback Summary

✓ **Positive Takeaways:**

- High energy and participation from all teams.
- Most teams were well-prepared and demonstrated great teamwork.
- Participants appreciated the real-time coding experience under pressure.
- Judges praised the creativity and efficiency in Round 3 coding solutions.

✓ **Areas of Improvement:**

- Some teams faced issues with last-minute debugging.
- Better time management needed by a few teams in Round 1.
- Need for better understanding of edge cases in coding logic.

Conclusion

Java Pattern pixel was a dynamic and intellectually engaging event that successfully challenged participants' coding and logical abilities. The multi-round format ensured a fair and competitive environment. The event concluded with the recognition of deserving winners and valuable learning experiences for all involved.

Glimpse of Activity:



ATTENDANCE

Name of the Program: Java pattern pixel

Date: 21/04/2026

Sr.No.	Name	Designation	Sign
Group E			
1.	Disha Samadham Patil	F.Y Student	<i>DPatil</i>
2.	Jigsha Manoj Lope	F.Y Student	<i>Jigsha</i>
3.	Snehal Vaibhav Patil	F.Y student	<i>Spatil</i>
4.	Samiksha Rajendra Dware	Fy student	<i>Sdware</i>
Group F			
1.	Mahini Anil shinde	F.Y student	<i>Mshinde</i>
2.	Varshnavi Atul Patil	F.Y Student	<i>VA Patil</i>
3.	Vidya Gopal Hivarkar	F.Y student	<i>VHivarkar</i>
4.	Hrushada Manoj Chandekar	F.Y student	<i>HChandekar</i>
Group G			
1.	POONAM Eknath Jagtap	F.Y student	<i>PJagtap</i>
2.	Divya Sachin Sapkale	F.Y student	<i>DSapkale</i>
3.	Ritu Rajendra patil	F.Y student	<i>Ritupatil</i>
4.	payal yashwant Borole	F.Y student	<i>PBorole</i>
5.	Arpita Nilesh Band	F.Y student	<i>ABand</i>
Second Round			
Group A			
1.	Rocky U. patil	F.Y student	<i>RUpatil</i>
2.	Abhushan G. patil	F.Y. student	<i>ABpatil</i>
3.	Girish S. patil	F.Y. student	<i>G.S. Patil</i>
4.	Lokesh D. Sonawane	F.Y Student	<i>LSonawane</i>
5.	Ujwal D. Salunkhe	F.Y Student	<i>USalunkhe</i>





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Sr.No.	Name	Designation	Sign
Group A			
1.	Rocky Uday Patil	F.Y. student	[Signature]
2.	Lallesh Deepali Saravankar	F.Y. student	[Signature]
3.	Bhushan Ganesh Patil	F.Y. student	[Signature]
4.	Ganish Sagar Jay Patil	F.Y. student	G.S. Patil
5.	Vivekanand D. Saravankar	F.Y. student	[Signature]
Group B			
1.	Chaitanya Pramod Mahajan	F.Y. student	CP Mahajan
2.	Patil Nishant Jagdish	F.Y. student	[Signature]
3.	Tushar Santosh Manjare	F.Y. student	T.S. M
4.	Vikas Gopal Singh Ingale	F.Y. student	V.G.I
5.	Santosh Gawade	F.Y. B.Tech	[Signature]
Group C			
1.	Ashvin Vishwas Patil	F.Y. student	[Signature]
2.	Pratik Kailas Kal...	F.Y. student	P.K.K
3.	Jayesh K. Nagarkar	— " —	[Signature]
4.	Prabhakar P. Khairnar	— " —	P.P. Khairnar
Group D			
1.	Shruti Devanand Sadavarkar	F.Y. student	[Signature]
2.	Ankita Sandip Patil	— " —	[Signature]
3.	Nandini Vijay Patil	— " —	[Signature]
4.	Prerana d. Chaudhari	— " —	[Signature]

