



J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY

(UGC Autonomous)

Accredited by NAAC & NBA, Approved by AICTE & Permanently Affiliated to JNTUH

Bhaskar Nagar, Moinabad Mandal, Hyderabad, Telangana – 500075



Date: 24/01/2026

DEPARTMENT OF MECHANICAL ENGINEERING REPORT

Workshop on “Competitive Coding for Placement”

1. Event Title: Workshop on “Competitive Coding for Placement”

2. Event Date: 24th January 2026

3. Event Duration: 11:00 AM to 12:45 PM

4. Event Venue: JBIIAI, Hyderabad

5. In Association With: Qualcomm R&D, Hyderabad – India

6. Resource Persons:

- 1. Mr. Ribhu Mukherjee**
SDE 3, Qualcomm R&D, Hyderabad
- 2. Ms. Susmita Sen**
Lead Mobile Developer, RemoteEngine

7. Chief Patron: Shri. J.V. Krishna Rao – Secretary, JBES

8. Patrons:

- Prof. Sanjay Chintakindi – Director, JBES
- Dr. P.C. Krishnamachary – Principal, JBIET

9. Convener:

Dr. Anoop Kumar
HOD – Mechanical Engineering, JBIET

10. Coordinators:

- Mr. J. Nagaraju – Assistant Professor
- Mr. Shail Ashraf – Assistant Professor
- Mr. A. Sai Kumar – Assistant Professor
- Mr. V. Srinivas Rao – Assistant Professor

11. Event Photos:

Banner:

JB INSTITUTE OF ENGINEERING AND TECHNOLOGY
Bhaskar Nagar, Moinabad Mandal, Hyderabad, Telangana - 500075

Department of Mechanical Engineering

**WORKSHOP
ON
COMPETITIVE CODING FOR PLACEMENT**

In Association with
Qualcomm.RND.Hyderabad -India

Resource Person
Ribhu Mukherjee - SDE 3 At
Qualcomm.RND.Hyderabad

Resource Person
Susmita Sen - Lead Mobile
Developer at Remoteengine

Qualcomm

Date : 24th January 2026
Time : 11 AM to 12.45 PM

Venue: JBIIAI, Hyderabad

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Secretary, JBES

Patron
Prof. Sanjay Chintakindi
Director, JBES

Patron
Dr. P. C. Krishnamachary
Principal, JBIET


Convener
Dr. Anoop Kumar
HOD-ME, JBIET

Coordinators
Mr.J. Nagaraju . Asst. Professor
Mr.Shaik.Ashraf . Asst. Professor
Mr.A.Sai Kumar . Asst. Professor
Mr.V.Srinivasrao . Asst. Professor





GPS Map Camera

Hyderabad, Telangana, India 


Bhaskar Nagar, Moinabad Mandal, Hyderabad, Telangana 500075, India

Lat 17.33009° Long 78.299228°

24/01/2026 12:43 PM GMT +05:30



GPS Map Camera

Hyderabad, Telangana, India 


Bhaskar Nagar, Moinabad Mandal, Hyderabad, Telangana 500075, India

Lat 17.33009° Long 78.299228°

24/01/2026 12:42 PM GMT +05:30



GPS Map Camera


Hyderabad, Telangana, India 

Bhaskar Nagar, Moinabad Mandal, Hyderabad, Telangana 500075, India

Lat 17.33009° Long 78.299228°
24/01/2026 11:53 AM GMT +05:30



GPS Map Camera

Hyderabad, Telangana, India 


Bhaskar Nagar, Moinabad Mandal, Hyderabad, Telangana 500075, India

Lat 17.33009° Long 78.299228°
24/01/2026 11:52 AM GMT +05:30





GPS Map Camera

Hyderabad, Telangana, India 


Bhaskar Nagar, Moinabad Mandal, Hyderabad, Telangana 500075, India

Lat 17.33009° Long 78.299228°

24/01/2026 11:51 AM GMT +05:30



GPS Map Camera

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Bhaskar Nagar, Moinabad Mandal, Hyderabad, Telangana 500075, India

Lat 17.33009° Long 78.299228°

24/01/2026 11:52 AM GMT +05:30





12. Event Objective:

The primary objective of this workshop was:

1. To create awareness among students about the importance of **competitive coding** in campus placements.
2. To guide students on **how to prepare for technical interviews** in product-based and service-based companies.
3. To help students understand the **technical skills required by top companies like Qualcomm and other MNCs**.
4. To motivate students to build strong problem-solving and logical thinking abilities.
5. To bridge the gap between academic knowledge and industry expectations.

13. Event Outline:

The workshop was conducted in an interactive and engaging manner.

Introduction:

The session began with a welcome note by the department faculty. The importance of competitive coding in today's placement scenario was highlighted. The resource persons were introduced with their professional achievements and industry experience.

14. Key Topics Covered in the Workshop:

A. Importance of Competitive Coding:

Mr. Ribhu Mukherjee explained:

- Why companies conduct coding rounds
- How coding tests filter candidates
- The role of Data Structures and Algorithms (DSA)
- The importance of time complexity and optimization

He emphasized that competitive coding helps students:

- Improve logical thinking
- Increase coding speed
- Handle pressure during online tests
- Crack product-based company interviews

Students were advised to regularly practice on platforms such as:

- LeetCode
- CodeChef
- Codeforces
- HackerRank

B. How to Face Technical Interviews:

The speakers provided practical guidance on:

1. Before the Interview:

- Revise core subjects (DSA, OOPS, DBMS, OS, CN)
- Practice writing code without syntax errors
- Prepare 2–3 strong projects
- Understand your resume thoroughly

2. During the Interview:

- Listen carefully to the problem
- Ask clarifying questions
- Explain your approach before coding
- Start with brute force, then optimize
- Write clean and structured code
- Think aloud so the interviewer understands your thought process

3. HR Interview Tips:

- Be confident and honest
- Explain career goals clearly
- Showcase teamwork and leadership skills
- Maintain positive body language

C. Technical Skills Required in Companies:

The resource persons clearly explained what companies expect from students:

1. Core Technical Skills:

- Strong understanding of Data Structures (Arrays, Linked List, Stack, Queue, Trees, Graphs)
- Algorithms (Sorting, Searching, Recursion, DP)
- OOPS Concepts
- Problem-solving ability
- Basic knowledge of system design (for higher roles)

2. Programming Languages:

- C++
- Java
- Python
(Students were advised to master at least one language deeply.)

3. Additional Skills:

- Git and Version Control
- Debugging skills
- Writing optimized code
- Basic understanding of software development lifecycle

D. Industry Expectations from Students:

The speakers emphasized that companies look for:

- Strong fundamentals
- Analytical thinking
- Adaptability
- Communication skills
- Team collaboration
- Continuous learning mindset

They also clarified that **CGPA alone is not enough** — practical skills and problem-solving ability matter more.

15. Student Interaction Session:

An interactive Q&A session was conducted where students asked questions regarding:

- How to start competitive coding from scratch
- How many problems to solve daily
- How to prepare in final year
- Difference between service-based and product-based company interviews
- How to switch from non-CS branches to IT placements

The speakers gave structured roadmaps for beginners and encouraged consistent daily practice.

16. Outcome of the Workshop:

The workshop was highly informative and beneficial for students. The key outcomes were:

1. Students gained clarity on placement preparation strategy.
2. Awareness about competitive coding platforms increased.
3. Students understood real-time industry requirements.
4. Motivation level among students improved.
5. Students realized the importance of early preparation and disciplined practice.

The session successfully bridged the gap between academic curriculum and corporate expectations.

17. Conclusion:

The Department of Mechanical Engineering, in association with Qualcomm R&D Hyderabad, successfully organized the workshop on “Competitive Coding for Placement.”

The session provided valuable insights into coding preparation, interview strategies, and industry skill requirements. The expert guidance from experienced professionals helped students understand the roadmap to crack technical interviews in reputed companies.

Overall, the workshop was interactive, practical, and highly impactful for students aspiring for campus placements.



F.No. JBIET/ME/29/01/2025-26

Date: 24/01/2026

DEPARTMENT OF MECHANICAL ENGINEERING
Workshop on "Competitive Coding for Placement"
Attendance Sheet

S. N	Name of the Participant	Designation	Branch/College	Signature
1	J. Naga Ram	Asst. Prof	ME/JBIET	[Signature]
2	Shreeb Trifon	Asst. Prof	CSE/JBIET	[Signature]
3	KUNTAL OJHA	Asst. Prof	CSE/JBIET	[Signature]
4	B. Balaji Babu	Asst. Prof	CSE/JBIET	[Signature]
5	K. pooja	Asst. Prof	CSE/JBIET	[Signature]
6	Shaiik Ashraf	Asst. Prof	ME/JBIET	[Signature]
7	P. Seema Rani	Asst. Prof	ME/JBIET	[Signature]
8	V. Srinivasa Rao	Asst. Prof	ME/JBIET	[Signature]
9	Mr. M.G. MAHESH	Asst. Prof	ME/JBIET	[Signature]
10	T. Sai Monikant	Asst. Prof	CSE/BEC	[Signature]
11	Mr. J. Narendra Kumar	Asst. Prof	ME/JBIET	[Signature]
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S. N	Name of the Participant	Year - Sem Designation	Branch/College	Signature
1	B. Varshini	1-2	CSE / BEC	[Signature]
2	D. Jeevitha	1-2	CSE / BEC	D. Jeevitha
3	K. Shruti	1-2	CSE / BEC	K. Shruti
4	C. Anjali	2-2	CSE / BEC	[Signature]
5	D. Niharika	2-2	CSE / BEC	[Signature]
6	D. Nandini	2-2	CSE / BEC	[Signature]
7	J. Varshitha	2-2	CSE / BEC	Varshitha
8	N. Amulya	2-2	IT / BEC	Amulya
9	T. Sahana	2-2	CSE / BEC	Sahana
10	M. Kalpana	2-2	CSE / BEC	Kalpana
11	L. Saranya Swamy	1-2	CSE / BEC	L. Saranya
12	B. Jessica	3-2	CSE / JBIET	Jessica
13	A. Manogna	3-2	CSE / JBIET	Manogna
14	D. Shalini	3-2	CSE / JBIET	Shalini
15	S. Tulasi	3-2	CSE / JBIET	Tulasi
16	V. Kavya	3-2	CSE / JBIET	Kavya
17	G. Sri Varshini	3-2	CSE / JBIET	Sri Varshini
18	B. Kaveri	3-2	CSE / JBIET	B. Kaveri
19	B. Sameera	3-2	CSE / JBIET	B. Sameera
20	P. Manogna	3-2	EEE / JBIT	P. Manogna
21	Ch. Deevaja	3-2	EEE / JBIT	Ch. Deevaja
22	N. Manju Bhargavi	3-2	EEE / JBIT	N. Manju Bhargavi
23	B. Akshitha	3-2	EEE / JBIT	B. Akshitha
24	R. Navya	3-2	CSE / JBIET	R. Navya
25	S. Rajini	3-2	CSE / JBIET	Rajini



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S. N	Name of the Participant	Year - Sem Designation	Branch/College	Signature
1	Madiba Afshreen	3-2	CSE/JBIET	Madiba
2	B. Sindhu	3-2	CSE/JBIET	B. Sindhu
3	R. Nandhini	3-2	IT/JBIET	R. Nandhini
4	M. Vinuthna	3-2	IT/JBIET	M. Vinuthna
5	B. Sravani	3-2	IT/JBIET	B. Sravani
6	K. Ishwarya	3-2	IT/JBIET	Ishwarya
7	J. Evangelina	3-2	IT/JBIET	Evangelina
8	G. Jyothika Reddy	3-2	IT/JBIET	Jyothika
9	G. Sravya Reddy	3-2	IT/JBIET	Sravya
10	A. Soujanya	3-2	CSE/JBIET	A. Soujanya
11	A. Srimukhi	3-2	CSE/JBIET	A. Srimukhi
12	K. Indu	3-2	CSE/JBIET	Indu
13	K. Pallavi	3-2	CSE/JBIET	Pallavi
14	S. Rose Mary	3-2	EEE/JBIET	Rose Mary
15	Prati Kumari	3-2	EEE/JBIET	Prati Kumari
16	T. Keerthana	1-2	CSE/BEC	T. Keerthana
17	H. Keerthana	1-2	CSE/BEC	H. Keerthana
18	T. Jayasri	1-2	CSE/BEC	T. Jayasri
19	V. Geethanjali	1-2	CSE/BEC	V. Geethanjali
20	L. Mounika Shilpa	2-2	CSE/BEC	L. Mounika Shilpa
21	Ch. Divyani	2-2	CSE/BEC	Ch. Divyani
22	Niharika	2-2	CSE/BEC	Niharika
23	Mahidrauthi	2-2	CSE/BEC	Mahidrauthi
24	C. Shrisisha	2-2	AIDS/BEC	Shrisisha
25	P. Sai Sri Lekha	2-2	AIDS/BEC	P. Sai Sri Lekha



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S. N	Name of the Participant	Year - Sem Designation	Branch/College	Signature
1	K. Maithri	2-2	AIDS/BEC	Maithri
2	E. Rakshitha	2-2	AIDS/BEC	Rakshitha
3	V. Harshitha	3-2	CSE/JBIT	Harshitha
4	T. Ravya	1-2	CSE/BEC	Ravya
5	P. Archana	1-2	CSE/BEC	Archana
6	P. Ravya	1-2	CSE/BEC	Ravya
7	P. Deepshitha	1-2	CSE/BEC	Deepshitha
8	Rathod Vishal	1-2	CSE/BEC	Vishal
9	P. Shiva	2-2	CSE/BEC	Shiva
10	M. Arjun Sagar	2-2	CSE/BEC	Arjun Sagar
11	Ch. Bharathi	2-2	CSE/BEC	Bharathi
12	G. Chaitanya	2-2	IT/BEC	Chaitanya
13	J. Arjun	2-2	CSE/BEC	Arjun
14	J. Srisanth	2-2	ME/JBIT	Srisanth
15	S. Sai praveen	2-2	" "	Sai praveen
16	E. Suresh chandra goud	2-2	" "	Suresh chandra goud
17	B. Mahesh	2-2	" "	Mahesh
18	Md shuf	3-2	IT/JBIT	Md shuf
19	Rizwan shafiq	2-2	ME/JBIT	Rizwan shafiq
20	J. Prashanth	2-2	CSE/BEC	Prashanth
21	M. Haradwaj	2-2	IT/BEC	Haradwaj
22	T. Ashish	3-2	IT/JBIT	Ashish
23	K. Srikanth	3-2	IT/JBIT	Srikanth
24	D. Adhish	3-2	IT/JBIT	Adhish
25	VARUN DARAM TET.B	3-2	IT/JBIT	Varun Daram



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S. N	Name of the Participant	year - Sem Designation	Branch/College	Signature
1	K. Srikanth	2-2	MEC/JBIET	K. Srikanth
2	A. Ganesh	2-2	MEC/JBIET	A. Ganesh
3	B. Karan	2-2	MEC/JBIET	B. Karan
4	G. Chandhu	2-2	MEC/JBIET	G. Chandhu
5	J. Harish	3-2	IT/JBIET	J. Harish
6	J. Sampath	3-2	IT/JBIET	J. Sampath
7	T. Prayachandra	3-2	IT/JBIET	T. Prayachandra
8	E. Jaideep Reddy	3-2	IT/JBIET	E. Jaideep Reddy
9	B. Ganesh	3-2	IT/JBIET	B. Ganesh
10	S. Saksham	3-2	IT/JBIET	S. Saksham
11	B. Vinod Kumar	3-2	IT/JBIET	B. Vinod Kumar
12	Y. Vignesh	3-2	IT/JBIET	Y. Vignesh
13	R. Charan Nalla	3-2	IT/JBIET	R. Charan Nalla
14	Md. Jawad Ali Shujah	3-2	CSE/JBIT	Md. Jawad Ali Shujah
15	Basim Ali	3-2	CSE/JBIT	Basim Ali
16	Shaik Abim	3-2	CSE/JBIET	Shaik Abim
17	Hammed	3-2	CSE/JBIET	Hammed
18	K. Raghava	3-2	CSE/JBIET	K. Raghava
19	D. Prashanth	3-2	CSE/JBIET	D. Prashanth
20	Rishikesh Yadav	2-2	ECM/JBIET	Rishikesh Yadav
21	V. Santhosh	3-2	mech/JBIET	V. Santhosh
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