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DEPARTMENT OF RESEARCH AND DEVELOPMENT

Tel: 080 66297777, Extn: 3009 **dean_research@newhorizonindia.edu**

Event Report

TITLE	R&D Awareness and Capacity Building: Student R&D Orientation Program	
DEPARTMENT	Research and Development	
DATE	From: 27.10.2026	To: 27.10.2026
TIME	From: 10:00 AM	To: 04:30 PM

REPORT ID: R&D 41

VENUE: Chanakya Seminar Hall

REPORT CATEGORY: Student Induction Program

PREPARED BY: Dr. Vinoth Kumar K, Associate Head - R&D

REVIEWED / APPROVED BY: Dr. Revathi V, Dean R&D

1. OBJECTIVE

The Department of Research and Development, New Horizon College of Engineering (NHCE), Bengaluru, organized the R&D Awareness and Capacity Building: Student R&D Orientation Programme on 27th October 2026 from 10:00 AM to 4:30 PM at the Chanakya Seminar Hall as part of the institution's Silver Jubilee Year Celebrations.

2. BACKGROUND / CONTEXT

The programme was conducted with the objective of creating awareness among students about the importance of research, innovation, intellectual property, entrepreneurship, and higher education opportunities. It aimed to motivate students to actively participate in research activities and develop a strong research culture from the early stages of their academic journey.

The session was delivered by Dr. Vinoth Kumar K, Professor and Associate Head, Department of Research and Development, NHCE, who provided a comprehensive overview of the research ecosystem available at the institution. The session covered various aspects including the significance of research and innovation, identification of research problems, research methodology, scientific publications, patents, copyrights, funded projects, consultancy, product development, startup

opportunities, and participation in national and international research competitions.

Students were also introduced to various opportunities offered through professional bodies and government agencies such as IEEE Student Branch, Institution's Innovation Council (IIC), KSCST Student Project Programme, AICTE initiatives, and funding opportunities available for student research and innovation. The importance of publishing quality research papers, maintaining academic integrity, and developing multidisciplinary research collaborations was emphasized.

3. DATA SOURCE / BUDGET *(As Applicable):* *Not Applicable*

4. PARTICIPANT / STAKEHOLDER DETAILS *(As Applicable)*

Target Participants:

- Students
- Faculty

Participant Summary:

Category	Count
Internal Participants (Students)	74
Internal Participants (Faculty Members)	3
Total Participants	77

Resource Persons / Experts:

Dr. Vinoth Kumar K, Professor and Associate Head – R&D, New Horizon College of Engineering, Bengaluru

Departments Involved: MCA

5. METHODOLOGY / EXECUTION SUMMARY

The interactive session encouraged students to actively engage in research projects, participate in technical events, file patents, and contribute innovative solutions addressing societal and industrial challenges. Several real-world examples and successful student research achievements from NHCE were presented to inspire the participants.

The programme concluded with an engaging question-and-answer session, where students clarified their queries regarding research opportunities, publication processes, internships, innovation projects, and career pathways in research. The event successfully enhanced students' awareness of research

and innovation activities and motivated them to contribute towards building a vibrant research ecosystem at NHCE.

6. ANALYSIS

Parameter	Observation
Participation Level	High
Engagement Level	Very Good
Documentation Awareness	Moderate

7. FINDINGS / OUTCOMES

- Enhanced awareness of research, innovation, and intellectual property among students.
- Motivated students to participate in research projects, publications, and patent filing.
- Introduced opportunities for funded student projects, internships, and higher education.
- Encouraged multidisciplinary research collaboration and innovation.
- Strengthened the research culture aligned with NHCE's vision of academic excellence and societal impact.

8. RECOMMENDATIONS

Based on the successful conduct of the R&D Awareness and Capacity Building: Student R&D Orientation Programme, the following recommendations are proposed:

1. Organize R&D orientation programmes at the beginning of every academic year to familiarize students with research opportunities and institutional research initiatives.
2. Conduct department-specific workshops on research methodology, scientific writing, intellectual property rights (IPR), and patent filing.
3. Encourage students to participate in funded research projects, hackathons, innovation challenges, and national-level technical competitions.
4. Strengthen student involvement in professional bodies such as IEEE, IIC, and other research-oriented societies to enhance technical and professional development.
5. Establish student research clubs and innovation teams to promote interdisciplinary collaboration and continuous research engagement.
6. Provide regular mentoring sessions by faculty members and research experts to guide students in publications, project development, and higher education opportunities.

7. Increase awareness about government funding schemes, internships, startup incubation, and entrepreneurship initiatives available to students.
8. Conduct periodic follow-up programmes to monitor student participation in research activities and assess the impact of the orientation programme.
9. Recognize and reward outstanding student achievements in research, innovation, publications, patents, and funded projects to encourage greater participation.
10. Continue organizing similar awareness and capacity-building programmes to foster a sustainable research culture and support the institution's vision of academic excellence and innovation.

9. ACTION PLAN / FOLLOW-UP:

- Monitor student involvement through periodic reviews and departmental R&D meetings to assess progress in research activities.
- Encourage students to present papers at national and international conferences and publish their research in quality journals.

10. EVIDENCE ATTACHED

Supporting Evidence:

- Annexure I – Poster
- Annexure II – Attendance Sheets
- Annexure III – Photos

SIGNATURES

Prepared By:

Reviewed By:

Approved By:

Dean
Department of Research and Development
NEW HORIZON COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Bellandur Main Road,
Near Marathalli, Bengaluru – 560 103

Date: 27.10.2026

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Annexure I – Poster



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Annexure II – Attendance Sheets

S.No	Name	USN	Signature
1.	Akshata Biradar	26MCA040-T	
2.	Shradha. Acharya	26MCA104-T	
3.	Sushma. R	26MCA115-T	
4.	Mythri. K.N	26MCA101-T	
5.	D. Hemashree	26MCA013-T	
6.	Divyashree. A.N	26MCA127-T	
7.	Yashasvi Shinbhag	26MCA119-T	
8.	Amshutha. M.A	26MCA116-T	
9.	Tejaswini Wadawadagi	26MCA163-T	
10.	B. Vineetha	26MCA002-T	
11.	P. Abisri	26MCA152-T	
12.	Aishwarya Sm	26MCA038-T	
13.	Divya. N.	26MCA028-T	
14.	Raksha R	26MCA008-T	
15.	Manya Nayak	26MCA117-T	
16.	Muskan	26MCA150-T	
17.	Adiba Anjum	26MCA166-T	
18.	Yashaswini. H.S	26MCA140-T	

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19.	Madhushree M	26MCA135-T	Madhushree. M
20.	Sakthi Priya. V	26MCA113-T	
21.	Navyashree K.T	26MCA121-T	Navyashree K.T
22.	Namrata Kumari	26MCA001-T	
23.	Rahul P	26MCA162-T	
24.	Bhavana L.G.	26MCA	
25.	Bhumika. Jayadanavar	26MCA171-T	
26.	Sneha M.L	26MCA	
27.	Aasya A. Sonar	26MCA	
28.	C. H Mohammed Rayeez	26MCA149-T	
29.	Rohan. P	26MCA004-T	
30.	Akash B.S	26MCA	
31.	Kiran	26MCA179-T	
32.	Chindepalli Dhanush Reddy		C. Dhanush
33.	Himanshu Sow	26MCA003-T	Himanshu
34.	MD AKRAM	26 MCA	
35.	Chirag. N	26 MCA 138-T	
36.	Sunny Pandit	26MCA0041-T	
37.	Athul-K		
38.	Kiran. G		
39.	A. Shanmukha Sai	26MCA007-T	
40.	Thakkar ohm K.		
41.	Bhambhani Sumit	26MCA029-T	Sumit
42.	Samaak Tabrez	26MCA137-T	
43.	Tohid Tamboli	26MCA111-T	
44.	ABDUL KHADIR	26MCA157-T	
45.	Prathmesh R Dallin	26MCA108-T	
46.	Mohan Raj. A	26MCA027-T	

47.	N. Yashwanth Kumar	26MCA041-T	N. Yashwanth
48.	Sagar. M. Agadi	26MCA118-T	S.M. Agadi
49.	Abhishek T H	26MCA154-T	
50.	AKSHAY.S.B		
51.	Sharon Aradhya. V		
52.	Franklin D	26MCA181-T	
53.	Meera Jasmine	26MCA161-T	
54.	Hemanth K	26MCA156-T	
55.	Lokesh		
56.	Praveen.S	26MCA103-T	
57.	Vaishnavi N Pandrekas	26MCA022-T	
58.	Radhika U. Harikantra	26MCA035-T	
59.	Adarsh. N. Pednekar		
60.	Divash. N Pednekar	26MCA023-T	
61.	Janani. A	26MCA169-T	Janani A
62.	Rakshitha. V		Rakshitha. V
63.	Havanya m	26MCA124-T	Havanya. m
64.	Bhagyaraj	26MCA110-T	
65.	Siddaraj		
66.	Navya	26MCA129-T	Navya.
67.	Rakshitha G S		Rakshitha
68.	Vaibhavi Mahadik		Mahadik
69.	Sushmitha D		Sushmitha
70.	Gowri. v. Nair		
71.	Shrinidhi. B.P		
72.	Chandan BN	26MCA119-T	Chandan BN
73.	Satwik B.J	26MCA016-T	Satwik B J
74.	Shashank		Shashank
75.	Dr. Kalaivani	Faculty	
76.	Helen. R.	Faculty	
77.	Soumya. R	Faculty	

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Annexure III – Photos





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