



## Department of Research and Development

### Minutes of Meeting

**Date of Meeting:** 27.05.2025

**Time:** 03:30 pm - 04:30 pm

**Venue:** IDEA LAB Conference Room

#### Agenda:

1. *Faculty Research review and assessments*
2. *Department Monthly R&D Reports*
3. *Claim norms of Research Promotion Policy*
4. *Submission of Incentive Forms and Supporting Document*
5. *Annual Self Appraisal and Performance Appraisal for AY 2024-25*
6. *Research Publication Affiliation details*
7. *Submission of Incentive Forms and Supporting Documents for KSCST Funded Projects*
8. *Research Grants Details*
9. *Approved VTU Research Supervisor Details*

#### Members Present:

Dr. Revathi V, Dean R&D

Dr. Vinoth Kumar K, Professor & Associate Head R&D

#### Coordinators Present:

- |                             |  |
|-----------------------------|--|
| 1. Mr. Syam Dev R S         | Sr. Assistant Professor - AIML         |
| 2. Dr. Santhosh Krishna B V | Associate Professor - CSE 1            |
| 3. Dr. Sunil Kumar Vengalil | Professor - CSE (DS)                   |
| 4. Dr. M S Raghu            | Associate Professor - CHEMISTRY (AS)   |
| 5. Dr. A B Gurulakshmi      | Professor - ECE                        |
| 6. Dr. Mohan Das R          | Associate Professor - EEE              |
| 7. Dr. Gopal K              | Associate Professor - ME               |
| 8. Dr. Madhumohana Raju A B | Associate Professor - MATHEMATICS (AS) |
| 9. Dr. Ramachandra Naik     | Associate Professor – PHYSICS (AS)     |
| 10. Dr. Priyameet Kaur Keer | Professor - MBA                        |
| 11. Dr. B Nithya Ramesh     | Associate Professor - MCA              |

#### Coordinators Absent:

- |                       |                   |
|-----------------------|-------------------|
| 1. Dr. Kavitha T      | Professor - CSE 2 |
| 2. Dr. Arvind S Kapse | Professor - ISE   |

#### The meeting started with Opening remarks by Dean - R&D

Dean - R&D thanked all the coordinators for the continuous support towards R&D activities during May 2025.

### Agenda 1: Faculty research review and assessments:

The Faculty Research Review and Assessment for all departments has been successfully completed as per the schedule circulated by the R&D Department on 05.05.2025. In alignment with the Institution Norms, participation in the Monthly R&D Review is mandatory for all faculty members. The assessment and review process is conducted from 19.05.2025 to 27.05.2025, covering all departments as scheduled. The details of assessment for CY 2025 are mentioned in Table 1.

*Table 1. Summary of May 2025 Monthly R&D Review and assessment for the CY 2025  
(01.01.2025 to 27.05.2025)*

Department	No. of Faculties	No. of Paper Published (Only Scopus Indexed)	No. of Papers Published but yet to be Index in Scopus	No. of Papers Accepted			No of Paper Under Review
				<i>Journal</i>	<i>Conference</i>	<i>Book Chapter</i>	
AIML	20	24	16	3	34	4	34
AS	28	40	11	5	15	-	23
CSE1	25	22	3	7	32	3	20
CSE2	19	10	6	4	21	1	7
CSE (DS)	15	7	8	-	18	-	9
ECE	31	48	12	8	33	2	35
EEE	19	14	12	8	26	-	28
ISE	26	10	4	2	36	-	12
ME	17	44	21	12	20	-	26
MBA	13	5	2	2	18	2	10
MCA	14	17	6	-	34	1	10
<b>Total</b>	<b>227</b>	<b>241</b>	<b>101</b>	<b>51</b>	<b>287</b>	<b>10</b>	<b>214</b>

Dean of R&D reviewed the research paper publications of all faculty members and noted that further improvement is needed to meet the departmental target goals for the Academic Year 2024–25.

### Agenda 2: Department Monthly R&D Reports:

The Dean has informed that the department's monthly R&D reports no longer need to be submitted separately. The R&D Department will instead extract the necessary data from the Monthly Faculty R&D Review and Assessment Reports, as this provides more clarity and consistency.

### Agenda 3: Claim norms of Research Promotion Policy:

The Dean of R&D has informed that faculty members should submit the Additional Incentives Claim (Form 2) only after fulfilling the requirements outlined in the Self Appraisal Policy for the Academic Year 2024–25.

Additionally, coordinators have suggested increasing the claim amount for Q-Rated journal publications where the faculty member is listed beyond the 3rd author position, to better reflect their contribution.

#### Agenda 4: Submission of Incentive Forms and Supporting Documents:

All faculty members are requested to ensure that their **Incentive Forms** are properly verified and submitted through their respective **Heads of Departments (HoDs)** to the **R&D Department on or before the 5th of every month**.

Faculty members claiming incentives must:

- Ensure that the **full paper** of the publication is submitted to the **Department R&D Coordinator** through the HoD.
- Confirm that the publication is recorded and **approved by the HoD** under the **HRMS Portal**.

The department should verify and maintain **all supporting documents** in the departmental file before forwarding any incentive claims to the R&D Department.

Additionally, all faculty members are requested to provide valid **research publications, patents, project grants, or any other relevant documents** to the **R&D Coordinator and the R&D Department** as and when required.

#### Agenda 5: Annual Self Appraisal and Performance Appraisal for AY 2024-25:

As per the HR Department's email communication dated 24.05.2025, all faculty members are required to submit the details of their Scopus-Indexed research papers to their respective departments, and ensure the same information is uploaded on the HRMS portal. Additionally, research paper acceptance will be considered for the Academic Year 2024–25 appraisal, provided that a request letter is submitted through the proper channel along with valid proof of acceptance. Based on May 2025, Faculty Review and Assessment, the detailed Research Publication status as per Self Appraisal Policy for AY 2024-25 (01.08.2024 to 27.05.2025) is shown in Table.2

*Table 2. Summary of Research Publication Status based on Self Appraisal Policy for AY 2024-2025 (01.08.2024 to 27.05.2025)*

Department	No. of Faculties	No. of Papers Published as on 27.05.2025			
		Journal	Conference	Book Chapter	Textbooks
AIML	20	19	32	10	2
AS	28	60	11	3	-
CSE1	25	17	40	6	4
CSE2	19	6	15	5	1
CSE (DS)	15	3	11	3	-
ECE	31	56	56	5	-
EEE	19	17	36	3	2
ISE	26	4	19	1	-
ME	17	29	13	2	8
MBA	13	7	3	2	-
MCA	14	3	22	5	4
Total	227	221	258	45	21

#### Agenda 6: Research Publication Affiliation details:

Dean R&D mentioned about some faculty members are listing their institutional affiliations in published research papers. Variations such as “New Horizon College of Engineering is an Autonomous college affiliated to Visvesvaraya Technological University (VTU), Karnataka, Bangalore, India”, “NHCE”, or “Nhce” or “horizon college of engineering” have been noted. Additionally, some affiliations include spelling errors in the name of the state, or omit crucial details such as the department name.

To ensure consistency and accurate indexing in databases such as Scopus, it is imperative that all faculty members use the following standardized format when listing their affiliation in any research publication:

**“Department of [Department Name], New Horizon College of Engineering, Bengaluru 560103, Karnataka, India”**

Dean informed to all the R&D Coordinators should inform to faculty members and students in department to strictly follow this format. Failure to do so may result in the publication not being indexed correctly, which in turn will affect the institution’s visibility in research databases and eligibility for related academic benefits. The Dean of R&D has informed that if a published research paper contains incorrect affiliation details, a memo will be issued to the concerned faculty member. Faculty members are therefore advised to carefully verify and ensure accurate institutional affiliation information in all research publications prior to submission.

(**Note:** Each faculty member is individually responsible for ensuring the accuracy of their publication details)

#### Agenda 7: Submission of Incentive Forms and Supporting Documents for KSCST Funded Projects:

The Dean of R&D has informed that students must submit the Incentive Forms and all supporting documents related to “sanctioned 48th Series of KSCST SPP (2024 - 2025)” funded projects to the R&D Department on or before 05.05.2025. Timely submission is essential for processing the incentive claims.

#### Agenda 8: Research Grants Details:

The Dean of R&D highlighted the CY 2025 funding proposals sanctioned to various departments, as detailed in Table 3. Congratulations to all the departments on this achievement and IREC securitized the proposals and recommended for submission to ICSSR, AICTE VAANI Scheme, DST, SERB, the details of the are mentioned in Table 4.

*Table 3. Research Funding Sanctioned details*

Financial Year	Name of the Faculty (Principal Investigator)	Department of Principal Investigator / Co Investigator	Name of the Funding Agency	Title of the Project	Sanctioned Order No.	Sanctioned Date	Sanctioned Amount (in Rupees)
2024-25	Dr. GUNAPRIYA BALAN	Electrical and Electronics Engineering	Anusandhan National Research Foundation (ANRF), SERB	AI & ML-Driven Power Electronics: Smart Embedded Systems and Next-Gen Batteries for the Future of E-Mobility and Defense Technologies	SSY/2025/0004 51	25.03.2025	1,50,000
2024-25	Dr. REVATHI V Dr. SUJIN JOSE ARUL	Research and Development	AICTE	IDEA Lab	F.No. M/676/2025-SAGB/IDEA20 2000020	10.02.2025	60,00,000.00
2024-25	Dr. AGALYA V Dr. REVATHI V	Research and Development	Ministry of Education, GOI (MOE)	Grant-in-Aid	1333	13.03.2025	5,44,000.00



2024-25	Dr. SONIA MARIA D'SOUZA Dr. N V UMA REDDY	Artificial Intelligence and Machine Learning	DST - NIDHI PRAYASS GRANT 5.0	Machine Learning-Driven Apiculture System for Optimizing Honeybee Foraging Patterns, Hive Health Monitoring, and Colony Collapse Disorder Prevention"	-	18.02.2025	10,00,000.00
2024-25	NHCE	All Departments	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	64 Student Projects	7.1.01/SPP/713	14.03.2025	2,25,000
2025-26	Dr. Mohan Das R Mr. Vinod Kumar S	Electrical and Electronics Engineering	AICTE Training And Learning (ATAL) Academy	Digital Twin Technology and its Role in Industrial Automation	-	23.05.2025	3,50,000
2025-26	Dr. VINOTH KUMAR K	Research and Development / Electrical and Electronics Engineering	Anusandhan National Research Foundation (ANRF), SERB	Research Potential in Power Electronics Converters for Renewable Energy	SSY/2025/000557	06.05.2025	1,50,000

Table 4. IREC Recommendation of Research Funding Proposals Submission details

S.No	Name of the Coordinators	Department	Title of the FDP	Funding Agency	Application Number and Date of Submission (DOS)	Funding Amount
1	Dr. Jayanthi M Dr. Joshua Daniel Raj	ECE / CSE(DS)	Machine Learning meets Microchips: The New Era of VLSI Design	AICTE Vibrant Advocacy for Advancement and Nurturing of Indian Languages (VAANI)	2808854643 DOS: 13.05.2025	Rs. 2 Lakhs
2	Dr. Sonia Maria Dsouza Dr. N V Uma Reddy	AIML	Advanced Computing (Supercomputing, AI, Quantum Computing)	AICTE Vibrant Advocacy for Advancement and Nurturing of Indian Languages (VAANI)	2502915840 DOS: 23.05.2025	Rs. 2 Lakhs
3	Dr. Nagabhushana N Dr. Hemanth Raju T	ME	Enhancing Sustainability and Manufacturing Techniques using Industry 4.0	AICTE Vibrant Advocacy for Advancement and Nurturing of Indian Languages (VAANI)	2123970858 DOS: 24.05.2025	Rs. 2 Lakhs
4	Dr. Santhosh Krishna B V Dr. Roja Ramani D	CSE 1	AI-Powered Labanotation for Digitally Preserving Karnataka's Ritual Dance Heritage Focus on Yakshagana and Allied Traditions	Science and Heritage Research Initiative (SHRI), DST	TPN / 133654 DOS: 26.05.2025	Rs. 44 Lakhs
5	Dr. Santhosh Krishna B V Dr. Roja Ramani D	CSE 1	Ai-Powered Innovations In Agriculture Advancing Sustainability and Resource Conservation for Viksit Bharat 2047	Anusandhan National Research Foundation (SERB)	SSY/2025/000775 DOS: 08.05.2025	Rs. 1.5 Lakhs
6	Dr. Priyameet Kaur Keer	MBA	Exploring the Mental Health of women Professional in IT/ITES sector : A Study on the Impact of Hybrid Work Models	Indian Council of Social Science Research (ICSSR), New Delhi	ICSSR- LSS-2025-1977 DOS: 17.05.2025	Rs. 5 Lakhs
7	Dr. Dhanalakshmi RV Dr. Rose Kavitha	MBA	Women's Negotiation of Work Life Interfaces in Remote Work Contexts: A Socio - Analytical Exploration of Digital	Indian Council of Social Science Research (ICSSR), New Delhi	ICSSR - WLD-2025-1553 DOS: 20.05.2025	Rs. 11 Lakhs

			Labour, Domestic Structures and Psychological Well - Being			
8	Dr. Priyameet Kaur Keer	MBA	Digital Inclusion and Accessibility	Nokia University Donations Program	DOS: 19.05.2025	1 lakh €

### **Agenda 8: Approved VTU Research Supervisor Details:**

With reference to application for Recognition as Research Supervisor/ Research Co-Supervisor to supervise Scholars pursuing Research programmes of VTU, the University is pleased to inform that application has been considered and you have been recognized as Research Supervisor of VTU as per the Circular No. VTU/BGM/Aca./Ph.D./2024-25/131 dated on 23.05.2025.

The below mentioned faculty members (Table 5) can supervise Scholars pursuing Ph.D./M.S.(Research)/ Integrated Ph.D. programmes as a Research Supervisor or Co-Supervisor.

*Table 5. Recognition of faculty members as Research Supervisors in VTU*

<b>Name of Research Supervisor</b>	<b>VTU Supervisor Ref. No</b>	<b>Department in which the VTU recognized Research Center is established</b>	<b>Recognised Faculty under which research is to be carried out</b>
Dr. Bhimaraya Patil	032025RSCS006928	Computer Science and Engineering	Faculty of Computer and Information Sciences
Dr. Roja Ramani D	042024RSCS005604	Computer Science and Engineering	Faculty of Computer and Information Sciences
Dr. Sanjeev P Kaulgud	032025RSCS006782	Computer Science and Engineering	Faculty of Computer and Information Sciences
Dr. Vijayasekaran G	032025RSCS006744	Computer Science and Engineering	Faculty of Computer and Information Sciences
Dr. Sudhakiran Ponnuru	032025RSEC006747	Electronics and Communication Engineering	Faculty of Electrical and Electronics Engineering Sciences
Dr. Ishani Mishra	032025RSEC006708	Electronics and Communication Engineering	Faculty of Electrical and Electronics Engineering Sciences
Dr. Monika Gupta	032025RSEC006709	Electronics and Communication Engineering	Faculty of Electrical and Electronics Engineering Sciences
Dr. Santosh Kumar B	032025RSEC006743	Electronics and Communication Engineering	Faculty of Electrical and Electronics Engineering Sciences
Dr. M. Karthika	032025RSEE006706	Electrical and Electronics Engineering	Faculty of Electrical and Electronics Engineering Sciences



*h. Vithu* 28/5/25  
 Associate Head - R&D  
 (Research Publication and Grants)

*Reevathi* 28/5/25  
 Dean - R&D

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



Date: 27.04.2025

Encls: Attendance Sheet



## Department of Research and Development

### Attendance of R&D Coordinators meeting for the May 2025

Date : 27.05.2025

S. No	Name of the faculty member	Designation	Department	Signature
1.	Dr. B. Mohan Das	Assoc. Prof.	EEE	
2.	Dr. Santhosh Krishna BV	Asso. Prof.	CSE - I	
3.	R. S. Syam Dev	Sr. Asst. Prof.	BIML	
4.	Dr. A. B. Gurusubrahmani	Prof.	ECE	
5.	Dr. K. Gopal	Asso. Prof.	MECH	
6.	Dr. Periyasami	Professor	MBA	
7.	Dr. Ramesh Chandra Nair	Associate Prof.	AS	
8.	Dr. Sunil Kumar V	Professor	CSE-OS	
9.	Dr. M. S. Raghu	Assoc. Prof.	AS	
10.	Dr. Madhuchandana Reddy	Associate Prof.	AS-mathematics	
11.	Dr. B. Nithya Ramesh	Associate Prof.	MCA	
12.	Dr. Revathi	Dean	R & D	

27/5/25



27/5/25  
Dean  
Department of Research and Development  
NEW HORIZON COLLEGE OF ENGINEERING  
New Horizon Knowledge Park, Bellandur Main Road,  
Near Marathalli, Bengaluru - 560 103



## Department of Research and Development

### Minutes of Meeting

**Date of Meeting:** 26.04.2025

**Time:** 09:20 am - 10:00 am

**Venue:** IDEA LAB Conference Room

#### Agenda:

1. *Faculty Research review and assessments*
2. *Claim norms about Additional Incentive (Form 2) of Research Promotion Policy*
3. *Submission of Incentive Forms and Supporting Documents*
4. *Research Publication Affiliation details*
5. *R&D Events for Silver Jubilee Celebration of June 2026*
6. *IEEE International Conference ICEMCSE 2026*

#### Members Present:

Dr. Revathi V, Dean R&D

Dr. Vinoth Kumar K, Professor & Associate Head R&D

#### Coordinators Present:

- |                             |  |
|-----------------------------|--|
| 1. Dr. Rose Kavitha         | Professor & HoD - MBA                  |
| 2. Dr. A B Gurulakshmi      | Professor - ECE                        |
| 3. Dr. Sunil Kumar Vengalil | Professor - CSE (DS)                   |
| 4. Dr. Santhosh Krishna B V | Associate Professor - CSE 1            |
| 5. Dr. Mohan Das R          | Associate Professor - EEE              |
| 6. Dr. Gopal K              | Associate Professor - ME               |
| 7. Dr. Ramachandra Naik     | Associate Professor – PHYSICS (AS)     |
| 8. Dr. M S Raghu            | Associate Professor - CHEMISTRY (AS)   |
| 9. Dr. Madhumohana Raju A B | Associate Professor - MATHEMATICS (AS) |
| 10. Dr. Mithili Devi N      | Associate Professor - MCA              |

#### Coordinators Absent:

- |                       |                                |
|-----------------------|--------------------------------|
| 1. Dr. Kavitha T      | Professor - CSE 2              |
| 2. Dr. Arvind S Kapse | Professor - ISE                |
| 3. Mr. Syam Dev R S   | Sr. Assistant Professor - AIML |

#### The meeting started with Opening remarks by Dean - R&D

Dean - R&D thanked all the coordinators for the continuous support towards R&D activities during April 2025.

#### Agenda 1: Faculty research review and assessments:

The Faculty Research Review and Assessment for all departments has been successfully completed as per the schedule circulated by the R&D Department on 01.04.2025. In alignment with the Institution Norms, participation in the Monthly R&D Review is mandatory for all faculty members. The assessment and review

process is conducted from 21.04.2025 to 25.04.2025, covering all departments as scheduled. The details of assessment for CY 2025 are mentioned in Table 1.

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(01.01.2025 to 25.04.2025)*

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AS	28	36	9	4	18	-	20
CSE1	24	20	6	4	24	-	24
CSE2	18	11	3	-	13	-	7
CSE (DS)	15	4	5	-	18	2	8
ECE	30	36	13	11	15	2	32
EEE	17	7	7	2	19	-	18
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ME	17	17	17	12	15	-	22
MBA	13	1	3	3	12	2	7
MCA	15	9	3	-	34	1	7
<b>Total</b>	<b>225</b>	<b>167</b>	<b>76</b>	<b>41</b>	<b>227</b>	<b>10</b>	<b>195</b>

Dean of R&D reviewed the research paper publications of all faculty members and noted that further improvement is needed to meet the departmental target goals for the Academic Year 2024–25.

#### **Agenda 2: Claim norms about Additional Incentive (Form 2) of Research Promotion Policy:**

The Dean of R&D has informed that faculty members should submit the Additional Incentives Claim (Form 2) only after fulfilling the requirements of the Self Appraisal Policy for the Academic Year 2024–25.

#### **Agenda 3: Submission of Incentive Forms and Supporting Documents:**

All faculty members are requested to ensure that their **Incentive Forms** are properly verified and submitted through their respective **Heads of Departments (HoDs)** to the **R&D Department on or before the 5th of every month**.

Faculty members claiming incentives must:

- Ensure that the **full paper** of the publication is submitted to the **Department R&D Coordinator** through the HoD.
- Confirm that the publication is recorded and **approved by the HoD** under the **HRMS Portal**.

The department should verify and maintain **all supporting documents** in the departmental file before forwarding any incentive claims to the R&D Department.

Additionally, all faculty members are requested to provide valid **research publications, patents, project grants, or any other relevant documents** to the **R&D Coordinator and the R&D Department** as and when required.

#### **Agenda 4: Research Publication Affiliation details:**

Dean R&D mentioned about some faculty members are listing their institutional affiliations in published research papers. Variations such as “New Horizon College of Engineering is an Autonomous college affiliated to Visvesvaraya Technological University (VTU), Karnataka, Bangalore, India”, “NHCE”, or “Nhce” have been noted. Additionally, some affiliations include spelling errors in the name of the state, or omit crucial details such as the department name.

To ensure consistency and accurate indexing in databases such as Scopus, it is imperative that all faculty members use the following standardized format when listing their affiliation in any research publication:

**“Department of [Department Name], New Horizon College of Engineering, Bengaluru 560103, Karnataka, India”**

Dean informed to all the R&D Coordinators should inform to faculty members and students in department to strictly follow this format. Failure to do so may result in the publication not being indexed correctly, which in turn will affect the institution’s visibility in research databases and eligibility for related academic benefits.

**Note:** Each faculty member is individually responsible for ensuring the accuracy of their publication details.

#### **Agenda 5: R&D Events for Silver Jubilee Celebration of June 2026:**

Dean R&D highlighted the events planning to conduct during Silver Jubilee Celebration of June 2026 . The theme of R&D events is “Silver Summit”. The details of planned events are mentioned below

- a) *Distinguished Lecture 1 on 02.06.2026*
- b) *Workshop 1 on 05.06.2026*
- c) *Short Term Certificate Course related to IPR from 08.06.2026 to 12.06.2026*
- d) *Distinguished Lecture 2 on 13.06.2026*
- e) *Workshop 2 on 15.06.2026*
- f) *International Conference from 17.06.2026 to 18.06.2026*
- g) *Distinguished Lecture 3 on 23.06.2026*
- h) *Workshop 3 on 27.06.2026*
- i) *Distinguished Lecture 4 on 30.06.2026*

Dean R&D is requesting **relevant research-focused workshop topics** for the **Silver Jubilee Celebration in June 2026**, and the audience includes **both faculty and students**, the topics should be impactful, practical, and aligned with enhancing research publication quality and output as well as research grants.

#### **Agenda 6: IEEE International Conference ICEMCSE 2026:**

Dean R&D informed about IEEE Conference Record Number (CRN) 67638 of “***International Conference on Emerging Trends in Mobile Computing and Sustainable Informatics (ICEMCSI)***” is officially approved by IEEE. This conference is technical sponsored by IEEE and technical co-sponsored by IEEE Bangalore Section, IEEE PELS Bangalore Chapter, IEEE IES Bangalore Chapter. The mode of conducting conference is Offline



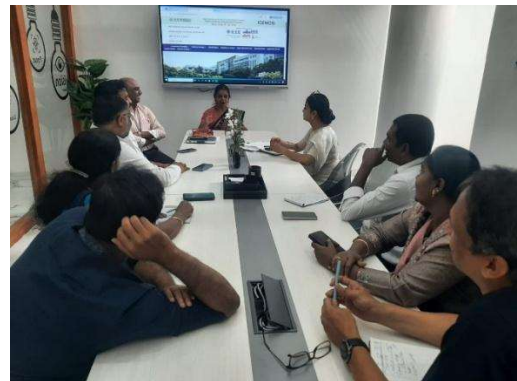
only. This international conference serves a forum for researchers to address mobile networks, computing models, algorithms, sustainable models, and advanced informatics that supports the symbiosis of mobile computing and sustainable informatics. The ICEMCSI will be held on June 17<sup>th</sup> and 18<sup>th</sup> 2026. Plenary talks, Paper Presentation and Keynote Address by distinguished researchers and technologists, as well as contributed papers from academics and industry professionals, will be featured at the conference. The ICEMCSI is a global platform for technologists, researchers, business leaders, and industry leaders to share their perspectives on emerging technologies and newer solutions that can guide and lead to a better tomorrow. The papers can be presented in offline mode by the authors. *All accepted and presented papers will be submitted for the inclusion in IEEE XPLORE, subject to meeting IEEE Xplore's scope and quality requirements.*

[https://conferences.ieee.org/conferences\\_events/conferences/conferencedetails/67638](https://conferences.ieee.org/conferences_events/conferences/conferencedetails/67638)

Website of the Conference: <https://newhorizonindia.edu/icemcsi26/>

The abstract and full paper submission starts from 01.05.2025 onwards.

Dean R&D requested all R&D coordinators to extend their full support towards the successful planning and execution of the R&D events scheduled for June 2026 with active involvement and cooperation are crucial to ensure the smooth conduct and overall success of these initiatives.



*[Handwritten Signature]* 26/4/25

**Associate Head - R&D**  
(Research Publication and Grants)



*[Handwritten Signature]*

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

**Date:** 26.04.2025

**Encls:** Attendance Sheet





# NEW HORIZON COLLEGE OF ENGINEERING

## Department of Research and Development

### Attendance of R&D Coordinators meeting for the April 2025

Date : 26.04.2025

S. No	Name of the faculty member	Designation	Department	Signature
1	Dr. Ramachandra Naile	Associate Prof.	AS	
2	Dr. Sanjayash Krishna <sup>SV</sup>	Asso. Prof	CSE-I	
3	Dr. R. Mohan Das	Asso. Prof	EEE	
4	Dr. K. Gopal	Asso. prof	MECH	
5	Dr. A. B. Gurukulashini	Prof.	ECE	
6	Dr. Sunil Kumar V	Prof	CSE-DI	
7	Dr. Madhumohana Raghav	Associate prof.	AS-maths	
8	Dr. N. Mitulidew	Assoc. prof	MCA	
9	M. S. Raghav	Assoc. Prof.	AS	
10	Dr. Rose Kavitha	Prof & Head	MBA	

26/4/25



Dean

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



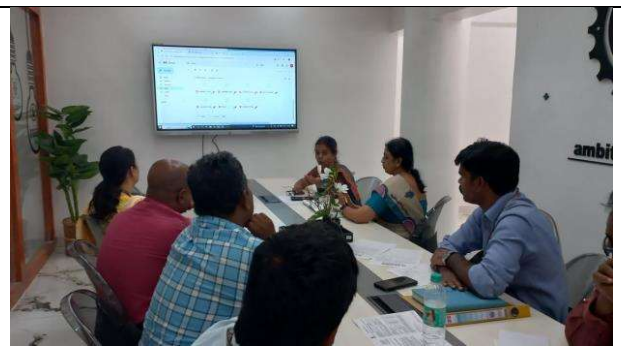
## Department of Research and Development

### Minutes of Meeting

Date of Meeting: 03.04.2025

Time: 4:00pm

1. Discussion held about the First Examination Report received on during 2025
2. The focus was on the FER Reply completion.
3. As of April 2025, we have Received 13 FER
4. The IPR Cell has assigned the work to the individual and their Team.
5. Dr Agalya V insisted that the timely submission is crucial to achieve the product or process development from the inventors before the deadline
6. To in line with FER, IPR Cell insisted to follow the format as explained in the meeting
7. The meeting concluded with a note of gratitude extended to all inventors for them valuable time, inputs, and contributions to the discussions.



#### Encls:

1. Attendance Sheet
2. FER Details sheet

**Dr. Agalya. V**

**Associate Head R&D**

**Dr Revathi V**

**Dean R&D**





# NEW HORIZON COLLEGE OF ENGINEERING

## Department of Research and Development

### Attendance of IPR Meeting

Date of Meeting: 03.04.2025

Sl.No	Name of the Inventor	Application number	Department	Signature
1	N.V. Uma Reddy	202341020857	AIMC	} NVJ Reddy
2	N.V. Uma Reddy	202341035520	AIMC	
3	Bhawna Khokher	202341035485	ECE	Bhullu
4	Vinodh Kumar K	202241047180	R&D	Li Vinodh 3/4/25
5	Sunil S-K	202341021366	EEE	G. S. S. S. S. 3/4/25
6	Dr. A. Sujin Jose	202241039509	Mech	d. S. J.
7	Dr. R. Mohan Das	202341007562	EEE	F. R. S. 3/4/25
8	For Ajay Sudhakar Aravinda K	20241039509	ECE	For A. S.
9	For Ajay Aravinda K	20241035524	ECE	For A. S.
10	Dr. Ishani Mishra		ECE	I. S.
11	Dr. Agalyav		EEE	Agalyav
12	Dr. Nirmala H	202341020853	CSE	N. H.

Revathi



First Examination Report

Sl no	Application Number	FER Issue Date	FER Last Date	Author Name	Title
1	202341007562	27-03-2025	26-09-2025	"Mohan Das R, Vinod Kumar S, Ritika Kapoor, Tejas V, Varun R, Shambhavi Bhagat."	ANALYSIS OF ELECTRICAL PARAMETERS FOR FORMULA STYLE ELECTRIC VEHICLE
2	202241039501	26-03-2025	26-09-2025	"Dr. Sujin Jose Anil Dr. Shridhar Kurse Dr. Gopal Kalysaperunil Dr. Agalya V Dr. P. Adhikary Denzil Rhodes B. A. Mukkul AnandNethra Harikumar Pavan Kumar Reddy T Harshavardhan reddyShivangi Pandey Chandhan N"	AUTOMATIC SPEED CONTROL OF AN ELECTRIC VEHICLE USING RASPBERRY PI
3	202341020857	26-03-2025	26-09-2025	Dr. N.V Uma Reddy, Mr. Jayavithay N K, Mr. Ajay V Kappiah.	"GESTURE CONTROLLED INTERACTIVE MUSIC COMPOSITION SYSTEM WITH THE CAPABILITY OF AUTOMATIC COMPOSITION"
4	202341021366	26-03-2025	26-09-2025	Sunil S K, S Sujitha, Manoj Kumar V, Naveen R N, Manoj Kumar P.	INVESTIGATION OF ARTIFICIAL INTELLIGENCE AND IOT BASED DETECTION OF PESTICIDE IN ORGANIC FRUITS AND VEGETABLES
5	202341035520	26-03-2025	26-09-2025	"Dr. N V Uma Reddy, Mr. M Karthik Kumar, Ms. Fizza Mirza, Mr. Jayavithay N K, Mr. Meekura Sri Chanan Reddy,"	EYE BLINK RATE DETECTOR TO AVOID DIGITAL EYE STRAIN
6	202341020853	26-03-2025	26-09-2025	Nischith T N, Niharika Bhattacharya, P Malvika Reddy, Manik Gupta, Dr. B Meenakshi Sundaram, Dr. M Nirmla, Dr. B Rajalakshmi.	WEB APPLICATION BASED DEEP NEURAL NETWORK IMAGE PROCESSING FOR DIABETIC RETINOPATHY DETECTION THEREOF
7	202341035485	26-03-2025	26-09-2025	Bhavana Khokher, Aravinda K, Sanjeev Sharma, Anurag Pal Chetana, Ishita Deb.	INTELLIGENT TRAFFIC LIGHT TIMER - OPTIMIZING TRAFFIC CONGESTION FOR FASTER COMMUTES
8	202241047180	11-03-2025	11-09-2025	"ManjunathMAHESH MYVINOTH KUMAR KSATISH KUMAR DADVAITH Madhavankhadim Hussaink Javed Ajmal P Jawahar"	DESIGN OF BLUETOOTH BASED REMOTE VOLTAGE MONITORING SYSTEM FOR OFF-GRID BATTERY
9	202241048456	20-02-2025	20-08-2025	Ajay Sudhir Bale Varun Yogi S Aravinda KothiyarSanjeev Sharma	Manual Focus Lock Indicator for Digital SLR Cameras
10	202341007562	26-03-2025	26-09-2025	Mohan Das R, Vinod Kumar S, Ritika Kapoor, Tejas V, Varun R, Shambhavi Bhagat.	ANALYSIS OF ELECTRICAL PARAMETERS FOR FORMULA STYLE ELECTRIC VEHICLE
11	202241039509	26-03-2025	26-09-2025	Avinash N J Aravinda K Siddesh G K Sanjeev Sharma Kavita Avinash Patil	FAKE IMAGE DETECTION USING MACHINE LEARNING PROCESS THEREOF
12	202341020419	27-01-2025	27-07-2025	"Sujitha S, M Rohith Kumar Reddy, Harshitha R, Alsiri M, URSKoushik P.	"DESIGN OF ELECTRIC QUAD BIKE WITH HYBRID CHARGING MODE FOR PHYSICALLY CHALLENGED
13	202341020452	27-01-2025	27-07-2025	Sounya K V, Sujitha S, Manu K Ponde Sunanth, Ragavendra, Yesliwanth M.	DESIGN OF ERROR DETECTION USING HANMING CODES
14	202241047177	09-10-2024	09-04-2025	Ishani Mishra Rama P Lipsa Dash Aravinda K Sanjeev Sharma	SMART STAND-UP WHEELCHAIR USING RASPBERRY PI AND RF CONTROLLER





## Department of Research and Development

### Minutes of Meeting

**Date of Meeting:** 28.03.2025

**Time:** 02:15 pm - 03:00 pm

**Venue:** IDEA LAB Conference Room

#### **Agenda:**

1. *Faculty Research Audit and assessments*
2. *Faculty Research Promotion Policy (Incentives)*
3. *Research Publications*
4. *Research Funding Proposals*
5. *Endorsement and NOC Procedures*
6. *KSCST Funding proposal Submission*
7. *Research Ethical Policy*
8. *ATAL Funding Proposal Submission*
9. *R&D Events*

#### **Members Present:**

Dr. Revathi V, Dean R&D

Dr. Vinoth Kumar K, Professor & Associate Head R&D

#### **Coordinators Present:**

- |                             |                                 |
|-----------------------------|---------------------------------|
| 1. Dr. Kavitha T            | Professor – CSE 2               |
| 2. Dr. A B Gurulakshmi      | Professor – ECE                 |
| 3. Dr. Arvind S Kapse       | Professor – ISE                 |
| 4. Dr. Sunil Kumar Vengalil | Professor – CSE (DS)            |
| 5. Dr. Priyameet Kaur Keer  | Professor – MBA                 |
| 6. Dr. Santhosh Krishna B V | Associate Professor – CSE 1     |
| 7. Dr. Gopal K              | Associate Professor – ME        |
| 8. Dr. M S Raghu            | Associate Professor – CHEMISTRY |
| 9. Dr. Priya Thomas         | Sr. Assistant Professor – MCA   |
| 10. Mr. Syam Dev R S        | Sr. Assistant Professor – AIML  |
| 11. Mr. Sunil S K           | Sr. Assistant Professor – EEE   |

#### **The meeting started with Opening remarks by Dean - R&D**

1. Dean - R&D thanked all the coordinators for the continuous support towards R&D activities during March 2025.
2. Faculty Research review and assessment is completed for all the departments as per the schedule circulated on 03.03.2025 by R&D department and Monthly R&D Review is mandatory to all the faculty members as per the Institution Norms. The assessment and review process started on 23.03.2025 and ended on 28.03.2025. The details of assessment for CY 2025 are mentioned in Table 1.

*Table 1. Summary of March 2025 (Quarterly 3) Monthly R&D Review and assessment for the CY 2025 (01.01.2025 to 28.03.2025)*

Department	No. of Faculties	No. of Paper Published (Only Scopus Indexed)	No. of Papers Published but yet to be Index in Scopus	No. of Papers Accepted	No of Paper Under Review
<b>AIML</b>	21	13	14	34	27
<b>AS</b>	27	25	5	28	16
<b>CSE1</b>	24	6	16	32	19
<b>CSE2</b>	18	2	5	11	6
<b>CSE (DS)</b>	15	3	3	15	10
<b>ECE</b>	29	8	11	22	22
<b>EEE</b>	19	9	6	12	14
<b>ISE</b>	26	10	9	30	8
<b>ME</b>	17	18	21	22	25
<b>MBA</b>	13	3	2	16	8
<b>MCA</b>	15	9	2	40	16
<b>Total</b>	<b>224</b>	<b>106</b>	<b>94</b>	<b>262</b>	<b>171</b>

- Information provided related to mandatory and Additional Incentive schemes.
- In this connection, all the Incentive forms should be properly verified by the individual faculty members and send it through respective HoDs to the R&D department on or before 05<sup>th</sup> of every month.
- Faculty members who are claiming incentives should ensure that Publication (Full Paper) is submitted to Department R&D Coordinator through HoD and also Paper Publication under HRMS Portal is approved by HoD. The department should ensure that proper documents are maintained in the department file before sending the Incentive Claims to R&D Department. It is requested that all the faculty members to provide the valid research Publications/Patents/Grants Etc to the R&D Coordinator and R&D Department whenever is required and applicable.
- Department R&D Coordinators are informed to provide guidance and support to the department faculty members to achieve the target for the AY 2024-25. Research Paper Publications of all the faculty members which require more improvement as per Target Goal of Department for the AY 2024-25.
- R&D department will facilitate the NOC / Endorsement etc of Funding (Grants) proposal submission proformas from Principal Office. In continuation to that, it is informed that all the faculty members should submit NOC / Endorsement forms etc related to Research Grants to R&D department.
- Associate Head R&D highlighted the importance of Research Ethical Policy (REP). The purpose of this policy is to articulate the ethical principles, procedures, and expectations that inform the conduct of research activities undertaken by NHCE faculty, staff and students. This policy seeks to harmonize processes across NHCE, with the aim of supporting faculty and students to enact the highest standards of ethical conduct in research. IREC Meeting held on 13.03.2025, IREC securitized the proposal and recommended for submission in ATAL Portal of five Proposals for 6 days / 1 Week offline type FDP and One Proposal for 12 days / 2 Weeks offline type FDP. IREC also verified proposal thrust area and sub – thrust area to meet research ethics as per the REP of NHCE. The details of the submitted proposals to ATAL Portal are mentioned in Table 2.

*Table 2. Submitted Proposals of ATAL FDP for the AY 2025-26*

S.No	Name of the Coordinators	Department	Title of the FDP	Type	Application Number and Date of Submission (DOS)
1	Dr. Srinath M K Dr. Sudarshan T A	ME	Recent Trends and Research Challenges on Advances in Bio-Inspired Engineering Design and Innovations	12 days / 2 Weeks offline	Submission Process ongoing
2	Dr. Sanjeev P Kaulgud Dr. Akshatha P S	AIML	AI Enabled Genome Engineering: Unlocking Genome Secrets	6 days / 1 Week offline	1743084276 DOS: 28.03.2025

3	Dr. Santhosh Krishna B V Dr. Roja Ramani D	CSE 1	AI-Driven AgroTech: Transforming Sustainable Farming for the future	6 days / 1 Week offline	1741797226 DOS: 25.03.2025
4	Dr. Sanjeev Sharma Dr. Gurulakshmi A B	ECE	Lab-on-Chip technologies: innovations in Miniaturized systems for healthcare and diagnostics	6 days / 1 Week offline	1742278467 DOS: 28.03.2025
5	Dr. Mohan Das R Mr. Vinod Kumar S	EEE	Digital Twin Technology and its role in industrial automation	6 days / 1 Week offline	1742362795 DOS: 29.03.2025
6	Dr. Dhanalakshmi R V Dr. Rose Kavitha	MBA	The Intersection of Entrepreneurship, IPR and Design Thinking for sustainable business growth	6 days / 1 Week offline	1742972780 DOS: 28.03.2025

9. Associate Head – R&D highlighted the recent funding proposal sanctioned to Dr. Gunapriya B, Associate Professor from EEE Department as a Principal Investigator of Rs. 1.5 Lakhs in Anusandhan National Research Foundation (ANRF) under Science & Engineering Research Board (SERB) Seminar/Symposia Scheme to organize the Seminar on AI & ML-Driven Power Electronics: Smart Embedded Systems and Next-Gen Batteries for the future of E-Mobility and Defense Technologies. (Reference: File Number: SSY/2025/000451 dated on 25.03.2025)
10. As per the KSCST Coordinators meeting held on 17.03.2025, Formats for KSCST Project Completion Report and Synopsis is discussed and finalized. In this connection, R&D Department sent the formats for KSCST Project Completion Report and Synopsis to the department dated on 17.03.2024. Department R&D Coordinators should monitor the status of KSCST Project Completion reports (Scanned in PDF) and Synopsis (word file) to be uploaded in the KSCST Google forms portal as per the guidelines of KSCST and Last Date of submission of report and synopsis to KSCST : **10.04.2025**. In addition, that R&D Coordinators should maintain hardcopy of KSCST Project Completion Reports and Synopsis for the department research database.
11. For MCA department, due to Ongoing Examination and Sanctioned projects in KSCST is under process; the last Date of submission of report and synopsis to KSCST for MCA department only is extended to 10.05.2025.
12. All the R&D activities and events will be scheduled as per the R&D Calender of Events and faculty members are requested to attend the events.



*Dr. Vinoth Kumar K*  
**Dr. Vinoth Kumar K**  
 Professor & Associate Head – R&D  
 (Research Publication and Grants)



*Dr. Revathi V*  
**Dr. Revathi V**  
 Dean - R&D  
 Department of Research and Development  
**NEW HORIZON COLLEGE OF ENGINEERING**  
 New Horizon Knowledge Park, Bellandur Main Road,  
 Near Marathalli, Bengaluru – 560 103

Encls: Attendance Sheet



# NEW HORIZON COLLEGE OF ENGINEERING

## Department of Research and Development

### Attendance of R&D Coordinators meeting for the March 2025

Date : 28.03.2025

S. No	Name of the faculty member	Designation	Department	Signature
1.	Dr. T. Kavitha	Professor	CSE-2	
2.	Dr. Praveen Kumar	Professor	MBA	
3.	M. S. Raghu	Assoc. Prof	BS	
4.	S. S. IC	Asst. prof	EEE	
5.	Dr. Priya Thomas	Sr. Asst Prof	MCA	
6.	Dr. Santhosh Krishnak	Asso. prof	CSE-1	
7.	Dr. Arvind S.	Professor	JSE	
8.	R. S. Syam Dev	Sr. Asst Prof.	AIML	
9.	Dr. Sunil Kumar Vem	Professor	CSE-DS	
10.	Dr. K. Gupta	Asso. prof	MECH	
11.	Dr. A. B. Gurulakshmi	Professor	ECE	

28/3/25



Dean

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





## Department of Research and Development

### Minutes of Meeting

**Date of Meeting:** 17.03.2025

**Time:** 02:00 pm - 03:00 pm

**Venue:** IDEA Lab, R&D

#### **Agenda:**

1. KSCST Approved Projects for AY 2024-25
2. Formats for KSCST Reports and Synopsis

#### **Members Present:**

Dr. Revathi V, Dean R&D

Dr. Vinoth Kumar K, Professor & Associate Head R&D

#### **Coordinators Present:**

- |                       |                               |
|-----------------------|-------------------------------|
| 1. Dr. Jimsha K M     | Associate Professor – AIML    |
| 2. Dr. D Roja Ramani  | Associate Professor – CSE 1   |
| 3. Dr. Ishani Mishra  | Associate Professor – ECE     |
| 4. Dr. Mohan Das R    | Associate Professor – EEE     |
| 5. Ms. Karthiyayini   | Sr. Assistant Professor – ISE |
| 6. Dr. Priyameet Kaur | Professor – MBA               |
| 7. Dr. Priya Thomas   | Sr. Assistant Professor – MCA |

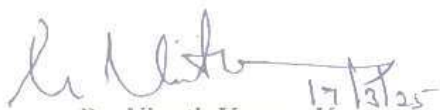
#### **The meeting started with Opening remarks by Dean R&D**

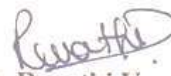
1. Dean - R&D thanked all the coordinators for the continuous support towards KSCST Project Submission for the AY 2024-25.
2. KSCST Approved Projects for the AY 2024-25 is mentioned below

Department	No. of Projects Sanctioned	Amount Sanctioned in Rs.
AIML	10	33500
CSE 2	3	7000
CSE 1	18	44000
ECE	9	38000
EEE	4	18000
MCA	7	27500
ISE	6	25500
MBA	6	27000
M. Tech CSE	1	2000
Interdisciplinary (ECE, ISE)	1	5000
<b>Total</b>	<b>64</b>	<b>2,25,500</b>

3. Formats for KSCST Project Completion Report and Synopsis is discussed and finalized.
4. In this connection, formats for KSCST Project Completion Report and Synopsis shared to KSCST Department Coordinators also department coordinators are requested to provide guidance and support to the department faculty members for the submission process in KSCST.
5. It is decided, all the KSCST Project Completion reports and Synopsis to be uploaded in the KSCST Google forms portal as per the guidelines of KSCST.
6. Last Date of submission of report and synopsis : **10.04.2025**.
7. R&D department will facilitate the Project Completion Certificate Signatures from Principal Office.
8. Department KSCST Coordinators are requested to submit the KSCST Project Completion Report and Synopsis hardcopy (Soft Binding – Blue Tape) to the R&D department on or before 10.04.2025.
9. It is informed that, Acknowledgments of submission should be monitored by the coordinators.



  
Dr. Vinoth Kumar K  
Professor & Associate Head - R&D

  
Dr. Revathi V  
Dean - R&D

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

Encl: Attendance Sheet





Department of Research and Development

KSCST SPP Coordinators Meeting

Date of Audit: 17.03.2024

Timing: 02:00 pm – 03:00 pm

S.No	Name of the faculty member	Designation	Department	Signature
1.	Dr. R. Mohan	Assoc. Professor	EEE	R.M.S
2.	J. Kaithiyayini	Sr. AP	ISE	dk
3.	Dr. D. Raga Lakshmi	Assoc. Professor	CSE	Dr. D. Raga Lakshmi
4.	Dr. Jansin K. M	Associate prof	AI & ML	Dr. Jansin K. M
5.	Dr. Priya Thomas	Sr. AP	MCA	Dr. Priya Thomas
6.	Dr. Priyanka Kaur	Professor	MBA	Dr. Priyanka Kaur
7.	Dr. Ishani Mishra	Associate Professor	ECE	Dr. Ishani Mishra

Dr. Usha 17/3/2025

Ruatha  
Dean

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





## Department of Research and Development

### Minutes of Meeting

**Date of Meeting:** 28.02.2025

**Time:** 10:00 am - 11:30 am

**Venue:** R&D Department

#### **Agenda:**

1. *Research Publications*
2. *Faculty Research Audit and assessment*
3. *Faculty Appraisal and Incentives Schemes*
4. *Research Funding Proposals*
5. *Faculty Research Portals Updation*
6. *Updation in R&D Notice Boards in Departments*

#### **Members Present:**

Dr. Revathi V, Dean R&D

Dr. Vinoth Kumar K, Professor & Associate Head R&D

#### **Coordinators Present:**


- |                              |                                   |
|------------------------------|-----------------------------------|
| 1. Dr. C R Rathish           | Professor – CSE 2                 |
| 2. Dr. A B Gurulakshmi       | Professor – ECE                   |
| 3. Dr. Arvind S Kapse        | Professor – ISE                   |
| 4. Dr. Santhosh Krishna B V  | Associate Professor – CSE 1       |
| 5. Dr. J Joshua Daniel Raj   | Associate Professor – CSE (DS)    |
| 6. Dr. A B Madhu Mohana Raju | Associate Professor – MATHEMATICS |
| 7. Dr. M S Raghu             | Associate Professor – CHEMISTRY   |
| 8. Dr. Ramachandra Naik      | Associate Professor – PHYSICS     |
| 9. Dr. B Nithya Ramesh       | Associate Professor – MCA         |
| 10. Dr. Nagabhushana N       | Sr. Assistant Professor – ME      |
| 11. Mr. Syam Dev R S         | Sr. Assistant Professor – AIML    |
| 12. Ms. Sangeetha C N        | Assistant Professor – EEE         |
| 13. Mr. Shivashish Gour      | Assistant Professor – MBA         |

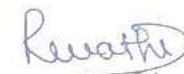
#### **The meeting started with Opening remarks by Dean R&D**

1. Dean - R&D thanked all the coordinators for the continuous support towards R&D activities during January 2025.
2. Faculty Research review and assessment is completed for all the departments and detailed Comments of audit to be send to the Heads of Departments on or before 28.02.2025.
3. Information provided related to mandatory and Additional Incentive schemes.
4. In this connection, all the Incentive forms should be properly verified by department R&D coordinators and send it through respective HoDs to the R&D department on or before 05<sup>th</sup> of every month.
5. Department R&D Coordinators are requested to provide guidance and support to the department faculty members to achieve the target for the AY 2024-25.
6. Monthly R&D Review is mandatory to all the faculty members.
7. All the R&D activities and events will be scheduled as per the R&D Calender of Events.

8. It is mandatory that faculty members must have Scopus ID, VIDWAN ID, ORCID, Web of Science ID but frequent updates needed in all the research portals.
9. Faculty Research Portals Updation review is scheduled as per the R&D Calender of Events.
10. Research Paper Publications of all the faculty members which require more improvement as per Target Goal of Department for the AY 2024-25.
11. It is informed that faculty members should avoid publishing the research paper in Journal special issues.
12. To facilitate the faculty members the NHCE Scopus Publication data for the CY 2022 to CY 2025 is sent to all the department dated on 20.09.2024 and 23.09.2024. In this regard, the faculty members are informed to cite NHCE papers in their individual papers based on the research title, paper title etc. It is mandatory to cite relevant NHCE Papers (Minimum 20 citations / Year) and also requested to avoid self-citations.
13. R&D department will facilitate the NOC / Endorsement etc of Funding (Grants) proposal submission proformas from Principal Office. In continuation to that, it is informed that all the faculty members should submit NOC / Endorsement forms etc related to Research Grants to R&D department.
14. Department R&D Coordinators are requested to submit the Research Proposal Submission Acknowledgment details from AY 2021-22 onwards to the R&D department.
15. It is informed that, Research Publications should be showcase in the department notice boards regularly.
16. The meeting ended with High Tea.



  
Dr. Vinoth Kumar K  
Associate Head -R&D

  
Dr. Revathi V  
Dean R&D



Dean  
Department of Research and Development  
NEW HORIZON COLLEGE OF ENGINEERING  
New Horizon Knowledge Park, Bellandur Main Road,  
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Encls: Attendance Sheet





## Department of Research and Development

### Attendance of R&D Coordinators meeting for the February 2025

Date : 28.02.2025

S. No	Name of the faculty member	Designation	Department	Signature
1	Dr. Santhosh Krishna <sup>lv</sup>	Asst. Prof	CSE-I	
2	Dr. C.R. Lakshmi	Professor	CSE-II	
3	R.S. Syam Dev	Sr. AP.	AIML	
4	Dr. Joshua. D.P	Assoc Prof	CSC(DS)	
5	Sangeetha. C.N	Asst. Prof.	ECE	
6	Dr. Ramachandra Naik	Assoc. Prof	AS-Phy	
7	M.S. Raghav	Assoc. Prof	AS-Chem	
8	Dr. B. Nithya Ramesh	Assoc. Prof.	MCA	
9	Dr. Nagabhushana. N	Sr. AP	ME	
10	Dr. Arvind S. Kapse	Professor	ISE	
11	Dr. madhumohanakrishna <sup>AB</sup>	Associate Prof	AS-math	
12	Shivashankar Gaur	Assistant Professor	MBA	
13	Dr. A.B. Guvulabekki	Professor	ECE	

28/2/25  
 Dr. VINODH KUMAR K  
 Associate Head- R&D



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

**Department of Research and Development**

**IPR Minutes of Meeting**

Date of Meeting: 22.01.2025

Time: 9:30am

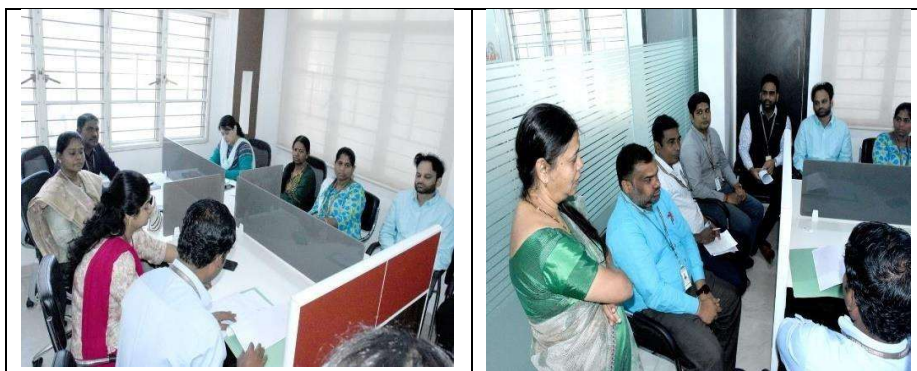
1. A discussion was held regarding the planning and execution for the IPR in CY 2025.
2. The focus was on the department's assigned targets and their completion.
3. As of January 2025, the Intellectual Property Rights (IPR) targets for CY 2024 were:

**Total Patent Publications: 205**

**Total Design Grants: 32**

**Total Patent Grants: 0**

4. The IPR Cell has set targets for all departments for CY 2025, including obtaining Patent Grants.
5. The IPR Coordinator emphasized the importance of timely submissions to achieve our institutional Patent Grant targets and maintain our commitment to innovation. For any assistance or clarification, please reach out to the IPR Cell.
6. To align with the IIC Star rating, the IPR Cell urged Coordinators to ensure student competition entries are protected with IP before submitting ideas to any Hackathons.
7. The meeting concluded with a note of gratitude to all Coordinators for their valuable time, inputs, and contributions to the discussions



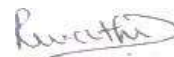
**Encls:**

1. Attendance Sheet
2. CY 2025 Patent grant target sheet



**Dr. Agalya. V**

**Associate Head R&D**



**Dr Revathi V**

**Dean R&D**



# NEW HORIZON COLLEGE OF ENGINEERING

## Department of Research and Development

Attendance of IPR coordinators Meeting for the January 2025

Date of Meeting: 22.01.2025

Sl.No	Name of the faculty member	Department	Designation	Signature
1.	Dr. A. Sujin Jose	R & D	HC President	
2.	Joshua Daniel	CSE & DS	Asso. Prof.	
3.	Dr. A.B. Gurukulakrishna	ECE	Prof.	
4.	Dr. Rajesh G	ECE	Asst.	
5.	Saumi ROY	MBA.	Sr. Asst. Prof.	
6.	Dr. M. Nirmala	CSE-1	Prof.	
7.	K. Thamarai Selvi	ISE	Asst. prof	
8.	Dr. C. R. SATHISH	CSE-2	Professr	
9.	RAHUL B	CSE-2	Asst. prof	
10.	Ajay Sudhir Babu	ECF	SAP	
11.	Dr. K. Ho par	MECH	Asso. prof	
12.	Dr. madhumishanapathi	Applied Science	Asso. prof	
13.	Dr. Azhagan	RKD	Prof. Asso-Head RKD	

Associate Head- R&D

Dean R&D





## DEPARTMENT OF RESEARCH & DEVELOPMENT

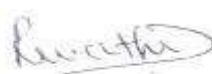
### Department wise Patent Publication Target CY 2025 from IPR CELL

1	Department	Patent Publication Target Assigned	Patent Grant Target Assigned
1.	Artificial Intelligence and Machine Learning	20	1
2.	Computer Science Engineering -1	25	1
3.	Computer Science Engineering -2	25	1
4.	Electrical and Electronics Engineering	25	2
5.	Electronics and Communication Engineering	36	2
6.	Information Science Engineering	25	1
7.	Mechanical Engineering	17	2
8.	Applied Science	32	2
9.	Master of Computer Application	15	1
10.	Master of Business Application	15	1
11.	Computer Science Engineering (Data Science)	15	1
<b>Total</b>		<b>250</b>	<b>15</b>

#### Note:

1. Target to be complete for Publication: on or before November 2025
2. Target to be complete for Grant: on or before January 2025

  
Associate Head- R&D

  
Dean R&D



## Department of Research and Development

### Minutes of Meeting

**Date of Meeting:** 11.01.2025

**Time:** 10:30 am - 11:30 am

**Venue:** R&D Department

#### **Agenda:**

1. *Research Publications*
2. *Faculty Research Audit and assessment*
3. *Faculty Appraisal and Incentives Schemes*
4. *Research Funding Proposals*
5. *Faculty Research Portals Updation*
6. *Updation in R&D Notice Boards in Departments*

#### **Members Present:**

Dr. Revathi V, Dean R&D

Dr. Vinoth Kumar K, Professor & Associate Head R&D

#### **Coordinators Present:**

- |                              |                                   |
|------------------------------|-----------------------------------|
| 1. Dr. Rajesh G              | Associate Professor – ECE         |
| 2. Dr. Arvind S Kapse        | Professor – ISE                   |
| 3. Dr. Priyameet Kaur        | Professor – MBA                   |
| 4. Dr. Ashok K               | Associate Professor – CSE 1       |
| 5. Dr. Suganya R             | Associate Professor – CSE (DS)    |
| 6. Ms. Sangeetha C N         | Assistant Professor – EEE         |
| 7. Dr. Hemanth Raju T        | Associate Professor – ME          |
| 8. Dr. A B Madhu Mohana Raju | Associate Professor – MATHEMATICS |
| 9. Dr. M S Raghu             | Associate Professor – CHEMISTRY   |
| 10. Dr. Ramachandra Naik     | Associate Professor – PHYSICS     |
| 11. Dr. Nithya Ramesh B      | Associate Professor – MCA         |
| 12. Mr. Ramesh Prasad R      | Sr. Assistant Professor – AIML    |
| 13. Dr. A B Gurulakshmi      | Professor – ECE                   |

#### **The meeting started with Opening remarks by Dean R&D**

1. Dean - R&D reflected on the significant progress made in 2024 and emphasized the importance of continuing to push the boundaries of knowledge in 2025. She encouraged embracing challenges as opportunities and fostering a collaborative environment for creativity.
2. Dean - R&D expressed gratitude to all coordinators for their ongoing support in R&D activities during December 2024.
3. The faculty research review and assessment have been completed for all departments. Detailed audit comments will be sent to the Heads of Departments by January 20, 2025.
4. Information was shared regarding mandatory and additional incentive schemes.
5. All incentive forms must be properly verified by department R&D coordinators and submitted through respective HoDs to the R&D department by the 5th of each month.
6. Department R&D Coordinators were requested to guide and support faculty members in achieving targets for the AY 2024-25.
7. Monthly R&D Reviews are mandatory for all faculty members.
8. The Calendar of Events for the AY 2024-25 Even Semester was circulated on January 11, 2025.
9. All R&D activities and events will be scheduled according to the R&D Calendar of Events.
10. Faculty members must have Scopus ID, VIDWAN ID, ORCID, and Web of Science ID, with regular updates required in all research portals.
11. Faculty Research Portals Update reviews are scheduled as per the R&D Calendar of Events.

13. Faculty members were advised to avoid publishing research papers in special issues of journals.
14. NHCE Scopus Publication data for CY 2022 to CY 2025 was sent to all departments on September 20 and 23, 2024. Faculty members are required to cite relevant NHCE papers (minimum 20 citations per year) in their individual papers and avoid self-citations.
15. The R&D department will facilitate the NOC/Endorsement of funding (grants) proposal submission proformas from the Principal's Office. Faculty members should submit NOC/Endorsement forms related to research grants to the R&D department.
16. Each department should have a dedicated R&D notice board to keep students and faculty members motivated and engaged with ongoing projects, updates, and publications about department R&D work. The notice board serves as a central communication hub for information sharing, project updates, and important announcements.
17. The R&D notice board acts as a dynamic tool to keep the department engaged, informed, and aligned with common goals, supporting communication flow, enhancing transparency, and fostering a positive work environment.
18. Research publications should be regularly showcased on the notice boards.
19. The meeting concluded with High Tea.



**Encls:** Attendance Sheet



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New Horizon Knowledge Park, Bellandur Main Road,  
Near Marathalli, Bengaluru - 560 103





# NEW HORIZON COLLEGE OF ENGINEERING

## Department of Research and Development

### Attendance of R&D Coordinators meeting for the January 2025

Date : 11.01.2025

S. No	Name of the faculty member	Designation	Department	Signature
1.	Dr. Hemant. Jagu-T	Assoc. Prof	MECH	
2	Sangeetha. C.N	Asst. Prof.	EEE	
3	Dr. Ashok. K	Assoc. Prof.	CSE	
4	Dr. B. Nithya Ramesh	Assoc. Prof.	MCA	
5.	Dr. Prineemal-karikes	Professor	MBA	
6	Ramesh Prasad R	Sr. Asst. Prof	AIML	
7	Raghu MS	Assoc. Prof	AS	
8	Dr. Ramachandra Naik	Assoc. Prof	AS	
9	Dr. Madhumadhana Rao	Assoc. Prof	AS	
10	Dr. Rajesh. G	Asst. Prof	ECE	
11.	Dr. R. Suvanya	Assoc. Prof	CSE (DS)	
12	Dr. Arvind S. Kapse	Professor	ISE	
13.	Dr. A. B. Gurusulakshmi	Professor	ECR	



11/1/2025

11/1/25  
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Near Marathahalli, Bengaluru - 560 075  
Bangalore - 560 105



## Department of Research and Development

### Minutes of Meeting

**Date of Meeting:** 30.12.2024

**Time:** 04:30 pm - 05:00 pm

**Venue:** Conference Room

**Agenda:** Research Publications for CY 2024

#### ***Members Present:***

Dr. Manjunatha, Principal

Dr. Revathi V, Dean R&D

Dr. R J Anandhi, Dean Academics

Dr. Sanjeev Sharma, Director, QAIE

Dr. Vinoth Kumar K, Professor & Associate Head R&D, NHCE

#### ***Coordinators Present:***

- |                             |                                   |
|-----------------------------|-----------------------------------|
| 1. Dr. Kavitha T            | Professor – CSE 2                 |
| 2. Dr. Rajesh G             | Professor – ECE                   |
| 3. Dr. Arvind S Kapse       | Professor – ISE                   |
| 4. Dr. Priyameet Kaur       | Professor – MBA                   |
| 5. Dr. Santhosh Krishna BV  | Associate Professor – CSE 1       |
| 6. Dr. Sunil Kumar Vengalil | Professor – CSE (DS)              |
| 7. Ms. Sangeetha C N        | Assistant Professor – EEE         |
| 8. Dr. K Gopal              | Associate Professor – ME          |
| 9. Dr. P Baskar             | Associate Professor – MATHEMATICS |
| 10. Dr. M S Raghu           | Associate Professor – CHEMISTRY   |
| 11. Dr. Ramachandra Naik    | Associate Professor – PHYSICS     |
| 12. Dr. Priya Thomas        | Sr. Assistant Professor – MCA     |
| 13. Mr. Ramesh Prasad R     | Sr. Assistant Professor – AI & ML |
| 14. Dr. Sujin Jose Arul     | Associate Professor – AU          |

#### ***The meeting started with Opening remarks by Principal***

1. The Principal expressed gratitude to all the coordinators for their continuous support towards R&D publications throughout CY 2024. He also extended his heartfelt thanks to the faculty members and students for their invaluable contributions to the research publications over the calendar year 2024. Their unwavering support and dedication have been pivotal in bringing NHCE publications to fruition. Management encouragement have inspired all of us to put forth our best efforts, ensuring that we continue to uphold the highest standards of excellence in our academic and creative endeavor's.

2. Dean - R&D thanked all the coordinators for the continuous support towards R&D activities during CY 2024. The involvement of faculty members and students has not only enriched the content but also significantly enhanced the impact of our work in the wider community. The leadership, guidance, and dedication have been instrumental in ensuring the success of these publications. The time and expertise devoted to overseeing and supporting this process have not only elevated the quality of our work but have also made a significant impact on the academic community.
3. Director QAIIIE stressed upon the importance of quality publications for the CY 2025.
4. The Dean of Academics expressed gratitude to all faculty members and students for their outstanding support in research publications. She highlighted the significance of quality research in academics and the importance of publications.
5. The Associate Head summarized the publications according to the Scopus database and brought to everyone's attention that the quality of publications has increased based on the R&D Audit.
6. The Principal elaborated on the significant contributions made in providing essential information related to publications for the NIRF (National Institutional Ranking Framework) process.
7. The meeting ended with High Tea and Snacks.



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**Encls:** Attendance Sheet





# NEW HORIZON COLLEGE OF ENGINEERING

Department of Research and Development

Attendance of R&D coordinators Meeting for the December 2024

Date of Meeting: 30.12.2024

Sl.No	Name of the faculty member	Department	Designation	Signature
1.	Dr. K. GOPAL	MECH	ASCO. PROF	[Signature]
2.	Dr. Sathish Kumar DV	CSE-I	ASCO. Prof	[Signature]
3.	Dr. A. Sujin Jose	AU	ASCO. Prof.	[Signature]
4.	Dr. Priya Thomas	MCA	Sr. Asst. Prof	[Signature]
5.	Dr. Sunil Kumar Vegal	CSE-DS	PROF.	[Signature]
6.	Dr. T. Kavitha	CSE-II	Prof	[Signature]
7.	Dr. Sujameel	MBA	Prof	[Signature]
8.	Rangellu C.N	EEG	Asst. Professor	[Signature]
9.	Dr. Arvind S.	JSE	Professor	[Signature]
10.	Dr. Ramachandra Naik	AS	Associate professor	[Signature]
11.	N. S. Raju	AI	ASOC. Prof	[Signature]
12.	Dr P BASILAR	AS	Associate prof	[Signature]
13.	Ramesh Prasad R	AIML	Sr Asst. Prof	[Signature]
14.	Dr. Rajesh G	ECE	Associate Prof	[Signature]
15.	Dr. Vinodh Kumar	R&D	Prof & Asso Head	[Signature]



Renuka

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## Department of Research and Development

### IPR Minutes of Meeting

Date of Meeting: 23.11.2024

Time: 2:00 pm - 03:00 pm

1. Discussion held on Overall performance for CY 2024 in IPR.
2. The focus was on the department's assigned targets and completion.
3. As of November 2024, the Intellectual Property Rights (IPR) status is as follows:

**Total Patent Publications: 203**

**Total Design Grants: 26**

**Total Patent Grant: 0**

4. The IPR Cell has assigned targets to all departments for CY 2025. Targets were also given to obtain Patent Grant. The coordinators were requested to ensure that all filings are completed on or before the **1st week of December 2024**, so that grant can be obtained by end of 2025.
5. Dr Agalya V insisted that the timely submission is crucial to achieving our institutional Patent grant target and maintaining our commitment to innovation. For any assistance or clarification, please feel free to reach out to the IPR Cell.
6. The meeting concluded with a note of gratitude extended to all Coordinators for their valuable time, inputs, and contributions to the discussions.



Encls:

1. Attendance Sheet
2. CY 2024 Performance sheet
3. CY 2025 Patent grant target sheet

**Dr. Agalya. V**

**Associate Head R&D**

**Dr Revathi V**

**Dean R&D**





Department of Research and Development  
Attendance of IPR coordinators Meeting for the November 2024

Date of Meeting: 23.11.2024

S.No	Name of the faculty member	Department	Designation	Signature
1.	Dr. Agalya V	R&D	Prof. Asst. Head	
2.	Dr. Asha. P. K	AS	Asst. Prof	
3.	Mehda. B	CSE	Sr. Asst. Prof	
4.	Ch. Karilla	CEE	Sr. Asst. Professor	
5.	Priya Thomas	MCA	Sr. Asst. Professor	
6.	Dr. Nagabhushana. N	ME	Sr. AP	
7.	Dr. Joshua. D. Raj	CSE (CDS)	Assoc Prof	
8.	M. Thanga Subbarao	CSE-I	Sr. A.P	
9.	Phubli. Srivastava	ISE	Sr. A.P	
10.	Ajay Sudhir Bala	ECE	Sr. Asst. Professor	
11.	Ramesh Prasad R	AIML	Sr. Asst. Professor	
12.	Srinavathi Govin.	MBA	Assistant Professor	
13.				

Associate Head- R&D

Dean R&D

## DEPARTMENT OF RESEARCH & DEVELOPMENT

### Department-wise IPR status from IPR CELL for CY 2024

1	Department	Target Assigned			Target Achieved		
		Patent Publication / Grant / Design			Patent Publication /Grant/Design		
		Publish	Grant	Design	Published	Granted	Design Granted
1	Automobile Engineering	3	0	0	2	0	2
2	Artificial Intelligence and Machine Learning	17	1	4	20	0	1
3	Computer Science Engineering	40	0	2	13	0	1
4	Computer Engineering	9	0	2	3	0	1
5	Civil Engineering	4	0	0	0	0	0
6	Electrical and Electronics Engineering	20	1	0	21	0	7
7	Electronics and Communication Engineering	32	1	0	37	0	3
8	Information Science Engineering	25	0	2	20	0	2
9	Mechanical Engineering	20	1	0	13	0	2
10	Applied Science	29	0	2	17	0	1
11	Master of Computer Application	8	0	0	45	0	1
12	Master of Business Application	12	0	0	7	0	5
13	Computer Science Engineering (Data Science)	5	0	1	5	0	0
Total		224	4	13	203	0	26

## DEPARTMENT OF RESEARCH & DEVELOPMENT

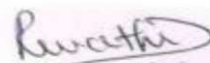
### Department wise Patent Grant Target CY 2025 from IPR CELL

SL NO	Department	Patent Grant Target
2	Artificial Intelligence and Machine Learning	1
3	Computer Science Engineering -1	1
4	Computer Science Engineering -2	1
6	Electrical and Electronics Engineering	2
7	Electronics and Communication Engineering	2
8	Information Science Engineering	1
9	Mechanical Engineering	2
10	Applied Science	2
11	Master of Computer Application	1
12	Master of Business Application	1
13	Computer Science Engineering (Data Science)	1
Total		15

**Patent Grant to be filed within first week of December 2024**



Associate Head- R&D



Dean R&D



**Department of Research and Development**  
**R&D Minutes of Meeting**

Date of Meeting: 21.11.2024

Time: 02:00 pm - 02:30 pm

*The meeting started with Opening remarks by Dean R&D and Director QAIE*

1. Dean - R&D thanked all the coordinators for the continuous support towards R&D activities during November 2024. The Monthly R&D audit is mandatory to all the faculty members as per Institution guidelines and Research Audit will start from 22<sup>nd</sup> November 2024 onwards as per the schedule circular from Dean R&D dated on 30.10.2024 & 21.11.2024 and also informed the R&D audit which helps the faculty members to achieve the targets as per self appraisal policy and Institution Guidelines. The revised schedule is circulated on 21.11.2024 due to SARGAM 2024 Preparatory works.
2. The Faculty R & D file (Hard Copy) will be verified with supporting documents (Soft Copy) as per R&D Audit Form 1 Proforma. This will be checked during the November month audit as per the circular dated on 30.10.2024 from Dean R&D.
3. Dean informed all the faculty members are informed to utilize the mandatory and Additional Incentive schemes. In this connection, all the Incentive forms should be properly verified by department R&D coordinators and send it through respective HoDs to the R&D department on or before 05<sup>th</sup> of every month.
4. Department R&D Coordinators are requested to provide guidance and support to the department faculty members for the International Conference on Data Science, Machine Learning & Applications (ICDSMLA – 2024 – Springer SCOPUS Indexed) to achieve the target for the AY 2024-25 to increase the submission papers before 22.11.2024 through CMT portal.
5. As per the Principal Office Circular Dated on 03.10.2024, Director QAIE informed that all the department project and R&D coordinators are requested to submit the Paper Publication from Student Phase 1 project (final year) in the International Conference on Data Science, Machine Learning & Applications (ICDSMLA - 2024) which is Springer SCOPUS Indexed and the registration amount Rs. 10,000 per paper to be paid only through shared bank account only.
6. Once Payment process completed, the R&D Coordinators are requested to send the email of the payment details (PDF – File Name: “CMT Paper ID” – Example: 741) along with summary sheet (shared) on or before 23.11.2024 through [dr.vinothkumar@newhorizonindia.edu](mailto:dr.vinothkumar@newhorizonindia.edu). This will help R&D Department to keep a track on the papers submitted from our institution.
7. The meeting was convened to address concerns regarding paper submissions for ICDSMLA - 2024. The submission details to ICDSMLA – 2024 as on 21.11.2024 is presented in the meeting and details is mentioned below .

Dept.	AIML	CSE1	CSE2	CSE DS	ECE	EEE	ME	ISE	MBA	MCA	AS
Target	9	20	26	3	33	11	14	37	4	11	1

8. Director QAIIE informed about the Plagiarism for Scopus Indexed Conference to ICDSMLA - 2024 Camera ready Paper should be less than 15%. The plagiarism should be check only in Turnitin Software.
9. Director QAIIE informed about the “Non submitted MRTM Conference papers to other conference” can be submitted for publication in the ICDSMLA – 2024 Scopus Indexed and also, informed to increase maximum submission (As per Springer Standards) to ICDSMLA – 2024 from the following departments of EEE, MBA, AIML and MCA.
10. Dean R&D informed that it is mandatory to submit all final year UG and PG student projects in KSCST 48th SERIES OF STUDENT PROJECT PROGRAMME (SPP) for the AY 2024-25 as per the attached KSCST Proposal template.
  - a. Last Date of Submission : 30th November 2024, within 5.30 PM.
  - b. Submission Link: <https://forms.gle/ks2WxWB4ei1hgv9D9>
11. Project proposals will be categorized into two streams: Interdisciplinary and department-specific projects. As per the Dean Academics Office Circular Dated on 15.11.2024, the KSCST coordinators are requested to proceed for KSCST Proposals for the AY 2024-25.
12. Department R&D Coordinators are requested to provide guidance and support to the department faculty members and students for the KSCST 48<sup>th</sup> SERIES OF STUDENT PROJECT PROGRAMME (SPP).



**Encls:** Attendance Sheet



*Ravi*  
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# NEW HORIZON COLLEGE OF ENGINEERING

## Department of Research and Development

Attendance of R&D coordinators Meeting for the November 2024

Date of Meeting: 21.11.2024

S.No	Name of the faculty member	Department	Designation	Signature
1.	Dr. K. Gopal Krishna	Mechanical	Asso. prof	U. Gopal
2.	Dr. Santosh	CSE-1	Asso. Prof	Dr. Santosh
3.	Dr. B. Nithya	MCA	Associate Prof.	Dr. B. Nithya
4.	Dr. Prigameet	MBA	Professor	Dr. Prigameet
5.	Dr. Joshua	CSE(CDS)	Assoc Prof	Dr. Joshua
6.	Mehda B	CSE-2	Sr. Assist Prof	Mehda B
7.	Raghu MS	AS	Assoc. Prof	Raghu MS
8.	Ramachandra Naik	AS	Assoc. Prof	Ramachandra Naik
9.	Dr. Mausmi Bhuyan	EEE	Assistant Prof	Dr. Mausmi Bhuyan
10.	Dr. Rajesh G	ECE	Assoc. Prof	Dr. Rajesh G
11.	Dr. A. B. Gurulakshmi	ECE	Prof.	Dr. A. B. Gurulakshmi
12.	R. S. Syam Dev	AIML	Sr. Asst. Professor	R. S. Syam Dev
13.	Dr. Arvind S. Kapre	JOE	Professor	Dr. Arvind S. Kapre
14.				
15.				
16.				
17.				

Dr. Arvind S. Kapre 21/11/24



Dr. Arvind S. Kapre

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## Department of Research and Development

### R&D Minutes of Meeting

Date of Meeting: 29.10.2024

Time: 10:30 am - 11:30 am

*The meeting started with Opening remarks by Dean R&D and Director QAIE*

1. Dean - R&D thanked all the coordinators for the continuous support towards R&D activities during October 2024.
2. Department R&D Coordinators are requested to provide guidance and support to the department faculty members for the International Conference on Data Science, Machine Learning & Applications (ICDSMLA - 2024) to achieve the target for the AY 2024-25.
3. As per the Principal Office Circular Dated on 03.10.2024, Director QAIE informed that all the department project and R&D coordinators are requested to submit the Paper Publication from Student Phase 1 project (final year) in the International Conference on Data Science, Machine Learning & Applications (ICDSMLA - 2024) and for registration process, the project coordinators are requested to meet Dr. Aravinda, HOD – ECE or Dr. Vinoth Kumar K, Associate Head R&D ( for validating the quality of the paper). This will help R&D Department to keep a track on the papers submitted from our institution.
4. The meeting was convened to address concerns regarding paper submissions for Mohan Babu University, which are currently not meeting the expected standards.
5. A target has been established to enhance the quality of submissions by 2 PM today. The details are mentioned below.

Dept.	AIML	CSE1	CSE2	CSE DS	ECE	EEE	ME	ISE	MBA	MCA
Target	7	22	21	7	27	8	10	15	7	4

6. Plagiarism for book chapter submission should be less than 15%
7. Proposals for published and indexed book chapters (Scopus) will be considered for appraisal AY 2024-25.
8. All the word files book chapters and summary should be sent to [dr.vinothkumar@newhorizonindia.edu](mailto:dr.vinothkumar@newhorizonindia.edu) for further process before 01:00 PM (30.10.2024) and the concerned faculties should submit the book chapters to <https://cmt3.research.microsoft.com/ICDSMLA2024>
9. Director QAIE informed about the MRTM Conference papers should not be submitted for publication in the Mohan Babu University book chapters.



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**Encls:** Attendance Sheet





# NEW HORIZON COLLEGE OF ENGINEERING

Department of Research and Development

Attendance of R&D Co coordinators Meeting for the November 2024

Date of Meeting: 29.10.2024

S.No	Name of the faculty member	Department	Designation	Signature
1.	R. S. Syam Dev	AIML	Sr. Asst. Prof	
2.	Dr. T. Karitha.	CSE - II	Professor	
3.	Dr. Santhosh Krishnan	CSE-I	Asso. Prof	
4.	Dr. Jashua D'2j	CSE (DS)	Assoc. Prof	
5.	Dr. A. B. Gurulakshmi	ECE	professor	
6.	Dr. K. Koprak	MECH	Asso. prof	
7.	Dr. B. Nithya	MCA	Assoc. Prof.	
8.	Dr. D. Krishnakumar	MBA	ASSO. Prof	
9.	Dr. Mausri Bhuyan	EEE	Asst Prof	
10.	Ms. Priya .N	ISE	Sr. Asst Prof	
11.				
12.				
13.				
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15.				
16.				
17.				





## Department of Research and Development

### R&D Minutes of Meeting


Date of Meeting: 19.11.2024

Time: 09:30 am - 10:15 am


**Agenda: KSCST SPP Submission for AY 2024-25**

#### **Points Discussed:**

1. It is mandatory to submit all final year UG and PG student projects in KSCST 48th SERIES OF STUDENT PROJECT PROGRAMME (SPP) for the AY 2024-25 as per the attached KSCST Proposal template.  
Last Date of Submission : 30th November 2024, within 5.30 PM.  
Submission Link: <https://forms.gle/ks2WxWB4ei1hgv9D9>
2. Project proposals will be categorized into two streams: Interdisciplinary and department-specific projects. As per the Dean Academics Office Circular Dated on 15.11.2024, the KSCST coordinators are requested to proceed for KSCST Proposals for the AY 2024-25.
3. As per the email communicated from Dean R&D dated on 13.11.2024, the department KSCST Coordinators are informed to send the KSCST submission details as per summary template on or before 30.11.2024 (04:00 PM). This will help R&D Department to keep a track on the proposals submitted from our institution.
4. SPP Coordinator:  
Name: Dr. Sujin Jose Arul  
Email id: [dr.sujinjose@newhorizonindia.edu](mailto:dr.sujinjose@newhorizonindia.edu)  
Contact No.: 8973919442
5. The department should submit Endorsement proforma to R&D department only.
6. Coordinators should ensure and check about the payment and proposal submission in KSCST Google forms and requested to maintain the soft copy of single pdf file (Scanned).
7. Endorsement Original copy to be filled in the department funding proposal submission file.
8. Department KSCST Coordinators are requested to provide guidance and support to the department faculty members and students for the KSCST 48<sup>th</sup> SERIES OF STUDENT PROJECT PROGRAMME (SPP).

  
Dr. Sujin Jose A  
SPP Coordinator



  
Dr. Vinoth Kumar K  
Professor & Associate Head – R&D (Publications & Research Grants)





# NEW HORIZON COLLEGE OF ENGINEERING

Department of Research and Development

## KSCST SPP Coordinators Meeting

Date of Audit: 19.11.2024

Timing: 09:30 am – 10:30 am

S.No	Name of the faculty member	Designation	Department	Signature
1.	Dr. Priyameet Kaur Keer	Professor	MBA	<i>Pleer</i> 19/11/2024
2.	Dr. Jimsha K Mathew	Associate Professor	AIML	<i>Jimsha</i> 19/11/2024
3.	Dr. Roja Ramani	Associate Professor	CSE 1	<i>Roja</i> 19/11/2024
4.	Dr. Ishani Mishra	Associate Professor	ECE	<i>Ishani</i>
5.	Dr. Hemanth Raju T	Associate Professor	ME	<i>Hemanth</i>
6.	Mrs. J Karthiyayini	Sr. Assistant Professor	ISE	<i>J Karthiyayini</i>
7.	Mrs. Divya K V	Sr. Assistant Professor	ISE	<i>Divya</i>
8.	Ms. Mehda B	Sr. Assistant Professor	CSE 2	<i>Mehda</i>
9.	Mrs. Priya Thomas	Sr. Assistant Professor	MCA	<i>Priya</i>
10.	Dr. Mausri Bhuyan	Assistant Professor	EEE	<i>Mausri</i>

*SPP Coordinator*  
Dr. Sujin Jose. A

*Dr. Vinodh Kumar K*  
Associate Head - R&D (Library)





## Department of Research and Development

### R&D Minutes of Meeting

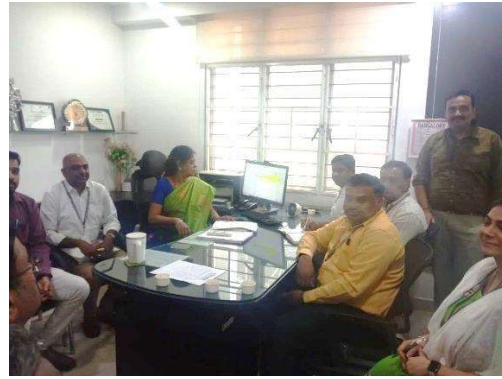
Date of Meeting: 05.10.2024

Time: 03:45 pm - 04:30 pm

#### *The meeting started with Opening remarks by Dean R&D*

1. Dean - R&D thanked all the coordinators for the continuous support towards R&D activities during September 2024.
2. Monthly R&D audit is mandatory to all the faculty members as per Institution guidelines and Research Audit will start from 14<sup>th</sup> October 2024 onwards as per the schedule circular dated on 01.10.2024.
3. It is decided that Faculty R & D file will be verified with supporting documents (Soft Copy) as per R&D Audit Form 1 Proforma. This will be checked during the October month audit as per the circular dated on 01.10.2024.
4. Information provided related to mandatory and Additional Incentive schemes.
5. In this connection, all the Incentive forms should be properly verified by department R&D coordinators and send it through respective HoDs to the R&D department on or before 05<sup>th</sup> of every month.
6. Department R&D Coordinators are requested to provide guidance and support to the department faculty members to achieve the target for the AY 2024-25.
7. Department R&D Coordinators are requested to maintain the consolidated publication details (Excel Sheet) of the department faculty members for the AY 2024-25 as per the formats sent from R&D Office dated on 31.07.2024.
8. As per the Principal Office Circular Dated on 03.10.2024, all the department project coordinators are requested to submit the Paper Publication from Student Phase 1 project (final year) in the International Conference on Data Science, Machine Learning & Applications (ICDSMLA - 2024) and for registration process, the project coordinators are requested to meet Dr. Aravinda, HOD – ECE or Dr. Vinoth Kumar K, Associate Head R&D ( for validating the quality of the paper). This will help R&D Department to keep a track on the papers submitted from our institution.
9. To facilitate the faculty members the NHCE Scopus Publication data for the CY 2022 to CY 2025 is sent to all the department dated on 20.09.2024 and 23.09.2024. In this regard, the faculty members are informed to cite NHCE papers in their individual papers based on the research title, paper title etc. It is mandatory to cite relevant NHCE Papers (Minimum 20 citations / Year) and also requested to avoid self-citations.

10. R&D department will facilitate the NOC / Endorsement etc of Funding (Grants) proposal submission proformas from Principal Office. In continuation to that, it is informed that all the faculty members should submit NOC / Endorsement forms etc related to Research Grants to R&D department.
11. Attendance is mandatory to all the faculty members for attending training programmes conducting by R&D department.
12. The meeting is ended with High Tea.



*Renuka R.D.*  
Dean  
Department of Research and Development  
NEW HORIZON COLLEGE OF ENGINEERING  
New Horizon Knowledge Park, Bellandur Main Road,  
Near Marathalli, Bengaluru - 560 103

**Encls:** Attendance Sheet



# NEW HORIZON COLLEGE OF ENGINEERING

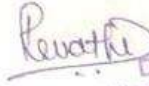
## Department of Research and Development

Attendance of R&D Co coordinators Meeting for the October 2024

Date of Meeting: 04.10.2024

S.No	Name of the faculty member	Department	Designation	Signature
1	Dr. Ramachandra Nair	AS	Sr. Asst. Prof	
2	Dr. T. Kantha	CSE - II	Prof	
3	Dr. Mausri Bhuyan	EEE	Asst Prof	
4	Dr. Arvind S. Kapse	ISE	Professor	
5	Dr. Santhosh Kumar	CSE - I	Asst Prof	
6	Dr. Madhumohana Reddy	AS	Associate Prof.	
7	Dr. Prigameth Kulkarni	MBA	Associate Prof	
8	Dr. B. Nithya	MCA	Associate Prof	
9	Dr. Joshua D. Rj	CSE CDS	Assoc Prof	
10	Dr. Raghu ms	AS	Assoc Prof	
11	R.S. Syam Dev	AIML	Sr. Asst Prof	
12	Dr. A.B. Gurusubrahni	ECE	Prof	
13	Dr. Vinodh Kumar K	R&D	Prof & Ass. Head	



  
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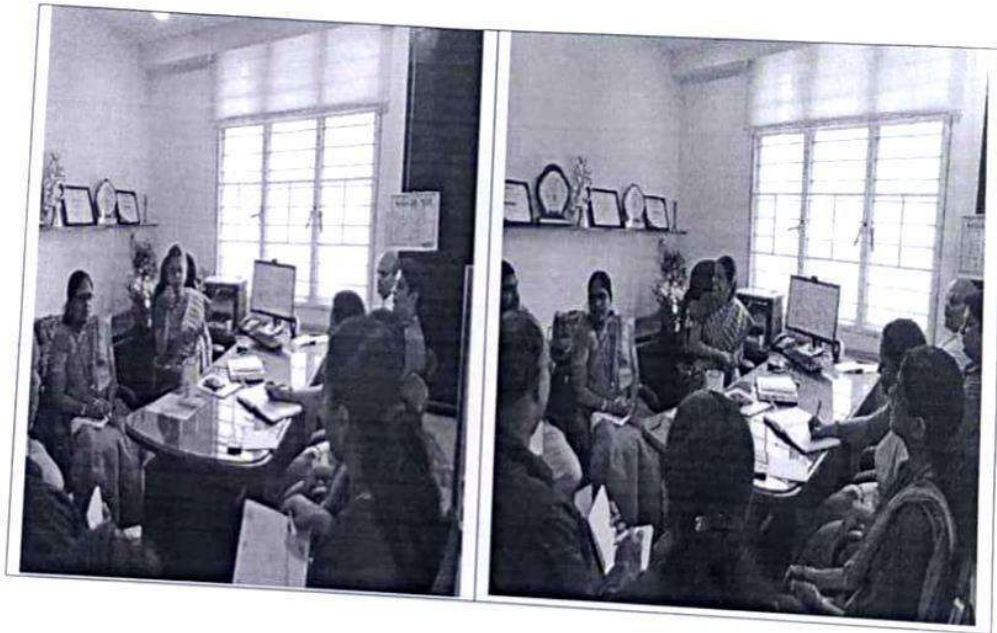
## IPR Minutes of Meeting

Date of Meeting: 07.10.2024

Time: 10:00 am - 11:00 AM

The meeting started with Opening remarks by Dean R&D

1. KAPILA Scheme discussed and informed coordinators to short list the 100 patents for the funding Assistance.
2. KAPILA PPT Format is discussed during the meeting.
3. KAPILA 2024-25 Excel format is circulated to all the IPR Coordinators
4. KAPILA Patent Filing / Examination - Statement of Expenditure 1&2 is discussed as per the given format.
5. Deadline for the Point 2,3, &4 is to be done on or before 9/10/2024.
6. KAPILA Presentation is planned on 10<sup>th</sup> October 2024
7. Meeting concluded with thanking remarks from Dean - R & D

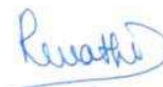




Dr. Agalya V

Encls: Attendance Sheet

Asst. Head R&D



Dean - R & D

Dean

Department of Research and Development  
NEW HORIZON COLLEGE OF ENGINEERING  
Horizon Knowledge Park, Bellandur Main Rd  
Bangalore, Karnataka - 560 103





# NEW HORIZON COLLEGE OF ENGINEERING

Department of Research and Development

Attendance of IPR Co coordinators Meeting for the October 2024

Date of Meeting: 07.10.2024

S.No	Name of the faculty member	Department	Designation	Signature
01	Dr. Arpana Prasad	MCA	Assoc. Prof	
2	Manita B S for Jayabale	ECE	Asst. Prof	
3	Sivashish Gowri	MBA	Assistant Prof.	
4	Dr. K. Gopale	MECH	Associate Prof	
5	Dr. Manoj Bhuyan	EEE	Asst Prof	
6	Dr. Ramachandra Naice	AS	Sr. Asst. Prof	
7	Dr. Santhosh Krishnan	CSE-I	Asso. prof	
8	Ramesh Prasad R	AIML	Sr. Asst. Prof	
9	Dr. Jashne. D. R	CSE CDD	Assoc Prof	
10	Dr. Sridharan Krishnan	ISE	Asso Prof	
11	Dr. T. Kanthi	CSE-II	Prof	
12	Dr. Agalya	RKD	Prof x Asst	

Dr. Agalya V  
Asso. Head R&D

Dean  
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NEW HORIZON COLLEGE OF ENGINEERING  
No. 1, New Knowledge Park, Bellandur Main Road,  
Bellandur, Bangalore - 560 083



## Department of Research and Development

### R&D Minutes of Meeting

Date of Meeting: 06.09.2024

Time: 10:00 am - 11:00 AM

#### The meeting started with Opening remarks by Dean R&D

1. Dean thanked all the coordinators for the continuous support towards R&D activities during August 2024.
2. Monthly audit is mandatory to all the faculty members.
3. Faculty R & D file will be verified with supporting documents (Soft Copy) as per R&D Audit Form 1 Proforma. This will be checked during the September month audit.
4. Research Audit started from 17<sup>th</sup> September 2024 onwards.
5. Information provided related to mandatory and Additional Incentive schemes.
6. In this connection, all the Incentive forms should be properly verified by department R&D coordinators and send it through respective HoDs.
7. Claiming of Incentive for the publication of AY 2023-24 is ongoing.
8. Publication Incentive Claim forms with supporting documents to the R&D department should reach R&D department on or before 05.09.2024.
9. Handwritten and Incomplete claim forms are not acceptable.
10. Faculties are advised to achieve the target for the AY 2024-25.
11. Attendance is mandatory for attending training programmes conducting by R&D department.
12. The meeting is ended with High Tea.



*Revathi V*  
Dean  
Department of Research and Development  
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New Horizon Knowledge Park, Bellandur Main Road,  
Near Marathalli, Bengaluru - 560 103



# NEW HORIZON COLLEGE OF ENGINEERING

## Department of Research and Development

Attendance of R&D Co coordinators Meeting for the September 2024

Date of Meeting: 06.09.2024

S.No	Name of the faculty member	Department	Designation	Signature
1.	Dr. Santhosh Krishna R.v	CSE-I	Asst. Prof	
2.	Mahendra Naik	ECE	SAP	
3.	Tharu Deepu George	AIRML	SAP	
4.	Dr. Priyanka	MBA	Associate Professor	
5.	Dr. Nagabhushan	ME	SAP	
6.	Raghu MS	chem	Assoc. Prof	
7.	Rameshchandra	Phy	Sr. Asst. Prof	
8.	Dr. T. Kan'ke	CSE-II	Prof	
9.	Dr. B. Nitya	MCA	Associate Professor	
10.	Dr. S. Sivananda	ISG	Associate Profess-	
11.	Dr. Vinodh Kumar	R&D	Associate head	
12.	Dr. Joshua	(R&D)	Assoc Prof	



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





Department of Research and Development

### IPR Minutes of Meeting

Date of Meeting: 06.09.2024

Time: 10:00 am - 11:00 AM

The meeting started with Opening remarks by Dean R&D

1. For Patent Application - Applicant name should be "New Horizon College of Engineering" and faculty as 1st inventor.
2. Only contributors to be included as inventors.
3. 1<sup>st</sup> inventor can claim for appraisal
4. Individual Design grant can be considered
5. IPR Appraisal criteria discussed among the IPR Coordinators
6. Interdisciplinary work can be encouraged and the idea Generated faculty members can claim the invention.
7. The Product development based on the societal usage can be processed further for grants.
8. KAPILA Scheme discussed and informed coordinators to short list the patents.
9. Informed IPR Coordinator to conduct IPR session to the faculty members and students.
10. Meeting concluded with thanking remarks from Dean - R & D



*R. Sathya*  
6/9/24  
Dean - R & D

Encls: Attendance Sheet





# NEW HORIZON COLLEGE OF ENGINEERING

Department of Research and Development  
Attendance of IPR Co coordinators Meeting for the September 2024

Date of Meeting: 06.09.2024

S.No	Name of the faculty member	Department	Designation	Signature
1.	Mr. Ramesh Prasad	AI&ML	Sr. Asst. Professor	R. Ramesh
2.	Dr Madhu Mohana Raju	AS(Maths)	Associate Professor	Dr. Madhu
3.	Dr. T kavitha / Dr. Sivaramakrishnan	CSE 2 ISE	Professor	Dr. T. Kavitha
4.	Dr. Nirmala	CSE 1		- AB -
5.	Dr. Jousha Daniel raj	CSE(DS)		
6.	Mr. Ajay Sudhir Bale	ECE	Asst Professor	A. Sudhir
7.	Dr. Moysuri	EEE	Assistant Professor	Dr. Moysuri
8.	Dr. Nagabhushana	ME	SAP	NB
9.	Ms Neethu Tressa	MCA	Sr. Assistant Professor	Ms. Neethu
10.	Ms. Aishwaraya	MBA	Assistant Professor	Ms. Aishwaraya



## Department of Research and Development

### R&D Minutes of Meeting

Date of Meeting: 12.08.2024

Time: 10:30 am – 11:30 AM

#### The meeting started with Opening remarks by Dean R&D

1. Dean thanked all the coordinators for the continuous support towards R&D activities during AY 2023-24.
2. Dean introduced Dr. Vinoth Kumar K, Professor and Associate Head – R&D for the new position related to Publication and Research Grants.
3. It is mandatory, that all the faculty members should prepare appraisal target sheet in the individual audit file and documents should be maintain as per Institution standards.
4. Faculty R & D file contents are already shared and the same to be maintained uniformly by all the faculty members. This will be checked during the august month audit
5. Research Plan for the AY 2024-25 received from the departments and the same should be presented during faculty monthly audit.
6. Research Audit started from 09<sup>th</sup> August 2024 onwards.
7. Information provided related to mandatory and Additional Incentive schemes.
8. Monthly audit is mandatory to all the faculty members.
9. In this connection, all the Incentive forms should be properly verified by department R&D coordinators and send it through respective HoDs.
10. Claiming of Incentive for the AY 2023-24 is completed.
11. Faculties are advised to achieve the target for the AY 2024-25.
12. Attendance is mandatory for attending training programmes conducting by R&D department.
13. The meeting ended with High Tea.



*Renuka K*  
Dean  
Department of Research and Development  
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New Horizon Knowledge Park, Bellandur Main Road,  
Near Marehalli, Bengaluru – 560 103

Date: 12.08.2024

**Encls:**

Attendance Sheet



Department of Research and Development

R&D Meeting

Date of Audit: 12.08.2024

Time :10.30 AM

S.No	Name of the faculty member	Department	Signature
1	Dr. Nirmale	CSE	
2	Dr. M. Jayanthi	ECE	
3	Dr. C. R. Lakshmi	CE	
4	Dr. K. Gopal	MECH	
5	Dr. B. Nithya	MCA	
6	M. S. Raghu	PS	
7	Dr. Prigameli	MBA	
8	R. S. Syam Dev	AMML	
9	Dr. Vinuth Kumar	RAD	
10	Dr. Revathi	R&D	
11			
12			
13			
14			
15			

12/8/24  
Dr. Revathi V

Professor and Head-Research & Development Cell  
NEW HORIZON COLLEGE OF ENGINEERING  
Ring Road, Bellandur Post, Bengaluru - 560 103