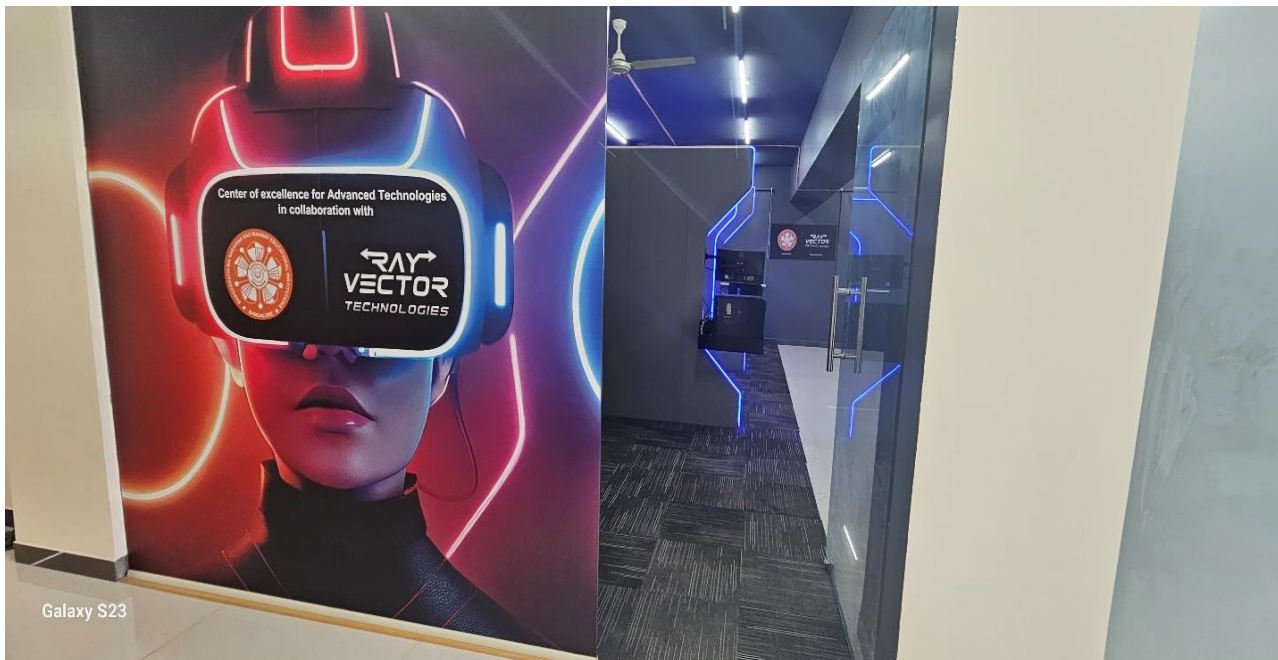


B.N.M. Institute of Technology
An Autonomous Institution under VTU, Approved by AICTE

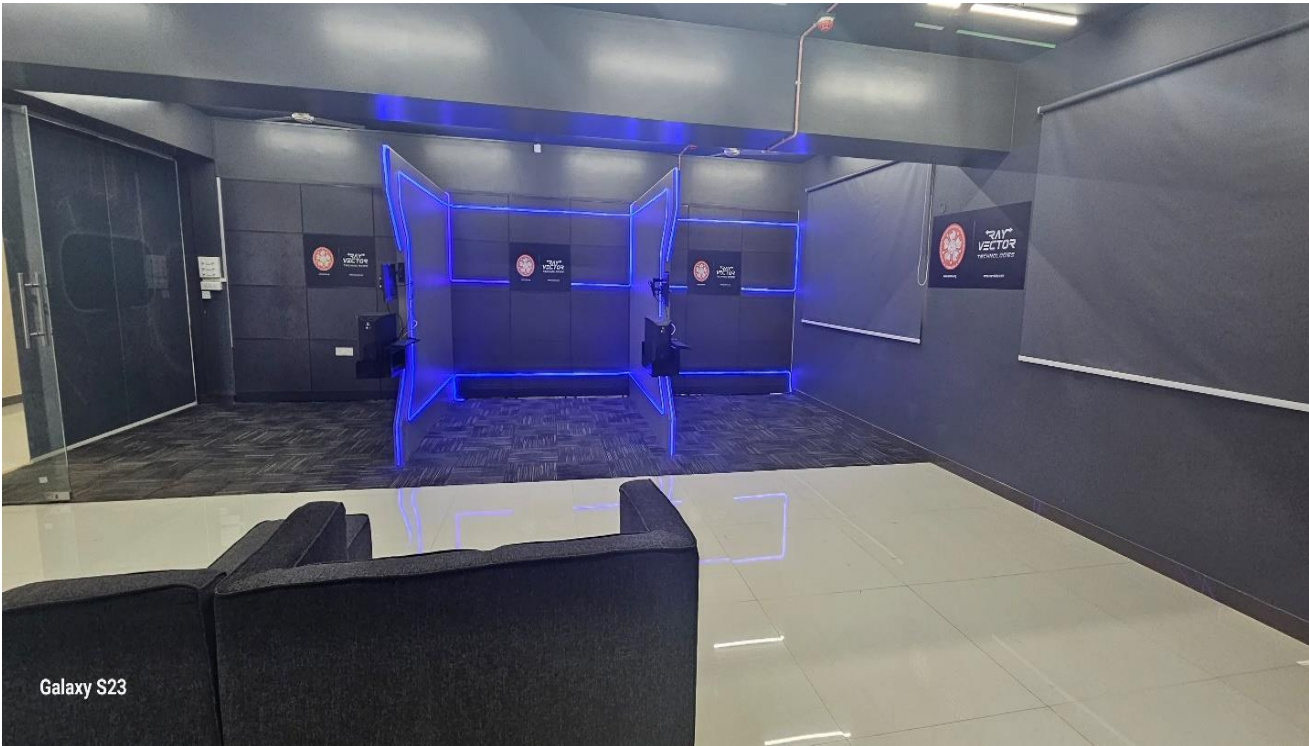
Augment Reality/Virtual Reality - Center of Excellence

Department of Artificial Intelligence and Machine learning, B N M institute of Technology has developed AR/VR Emerging Technology Center and Center of Excellence in association with RayVector Technologies PVT LTD, Bangalore. This promotes students to explore the research opportunities and real- world experience. This collaborative program provides students with the opportunity to shape the development of tech innovations and they get firsthand look at the process gaining valuable knowledge and experience that employers seek in future employees. This helps to equip our students with real-world skills in AI, AR/VR/XR data science, blockchain, design thinking, and other emerging tools and practices. This strategic relation shall help to improve the quality of curriculum, increase resources to students, and allow students to acquire both hard and soft skills that are highly sought after in the corporate world. Internship, research, student challenges, invited talks, and seminars are the most common examples for creating engagement from students to faculties. AR/VR course is added to our curriculum and the experience will be explored through this Center of Excellence.



The two projects done in collaboration with AR/VR Center of Excellence are:

- Fire Drill Procedure Simulator
- Plant Growth Simulator



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 23rd DAY of February.....Two Thousand and Twenty Two by and between

BNM INSTITUTE OF TECHNOLOGY, Post Box no. 7087, 12th Main, 27th Cross, BSK II Stage, Bangalore 560070, **THE FIRST PARTY** represented herein by its Name of Competent Authority / Representative

AND

RAYVECTOR TECHNOLOGIES PVT LTD, No. Address 18/1, 4th floor, Bull Temple road, Basavanagudi, Bangalore, Karnataka 560011, **THE SECOND PARTY** represented herein by its Name of Competent Authority / Representative

PURPOSE OF MOU

In particular, this MOU is intended to

1. **Promote BNMIT students explore the research opportunities and real-world experience.** The collaborative program provides students with the opportunity to shape the development of tech innovations and they get a first-hand look at the process, gaining valuable knowledge and experience that employers seek in future employees.
2. **Develop emerging Technology Center and Center of Excellence (COE) at BNMIT to advance technology capabilities and equip students with real-world skills in AI, AR/VR/XR data science, blockchain, design thinking and other emerging tools and practices.**
3. **Develop strategic relationships that shall help to improve the quality of curriculum, increase resources to students, and allow students to acquire both hard and soft skills that are highly sought after in the corporate world. This can be through AR/VR labs, Experience centers, Creating VR/AR learning for complex contents.**
4. **Create engagement from graduate to post-graduate to faculty, and through all available mechanisms. Internships, research, student challenges, invited talks, symposia, continuing education, and seminars are the most common examples.**
5. **Develop collaborative research projects seminars, invited talks and training. Projects are chosen to have a strong alignment with long-term business objectives that have a clear path to value creation, as well as a clear technical hypothesis and scope of work that is well-suited for university research.**
6. **Enhance entrepreneurial mindsets among the students, organize various workshops on Entrepreneurship Development, and assist in startup ideas and placements.**

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

Clause 1

CO-OPERATION

- 1.1 Both parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations. The parties shall keep each other informed of potential opportunities and share all information that may be relevant to secure additional opportunities for one another.
- 1.2 The co-operation between First Party and Second Party will facilitate effective utilization of the intellectual capabilities of the Second Party providing significant inputs to them in developing suitable teaching/ training systems, keeping in mind the needs of the First Party.

Clause 2

SCOPE OF THE MOU

- 2.1 Both parties believe that close co-operation between the two would be a major benefit to the student community to enhance their skills and knowledge.
- 2.2 The Second Party will give valuable inputs to the First Party in teaching/ training methodology so that the students fit into the industrial scenario meaningfully.
- 2.3 The interaction between Industry and University will give an insight into the latest developments /requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs/ Workshops/ Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.4 The Second Party will train the students of the First Party on the emerging technologies in order to bridge the gap in skill and make them ready for industry.
- 2.5 The Second Party will extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.6 The Second Party will actively engage to help the delivery of the training and placement of students of the First Party into internships/jobs.

Clause 3
VALIDITY


- 3.1 The validity of the agreement is one year from the date of agreement.
- 3.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.
- 3.3 Any dispute will be settled in the Indian Court only where Rayvector Technologies is situated.

AGREED:

For RAYVECTOR TECHNOLOGIES


Mr. Srikanth K Avadhani
CEO, RayVector

For BNM Institute of Technology


The Principal
BNM Institute of Technology
BNM Institute of Technology
P.B No.7087, 27th Cross, 12th Main
Banashankari II Stage
Bangalore - 560 070

RAYVECTOR TECHNOLOGIES PVT LTD.	BNM Institute of Technology
Address : No. Address 18/1, 4th floor, Bull Temple road, Basavanagudi, Bangalore, Karnataka 560011	Address : Post Box no. 7087, 12 th Main, 27 th Cross, BSK II Stage, Bangalore 560070
Contact Details : 91-9845909314	Contact Details : 91-80-26711780
E-mails : srikanth@rayvector.com	E-mails : principal@bnmit.in
Web : www.rayvector.com	Web : www.bnmit.org

Witness 1

Signature :

Name : *Prof. S. J. Rama Murthy*
B.E., M.Sc (Engg), M.I.E., M.I.S.T.E., M.I.E.E.E

Designation : Director
BNM Institute of Technology
P.B No.7087, 27th Cross, 12th Main
Affiliation : BSK II stage, Bangalore - 560070, INDIA

Witness 1

Signature :

Name :

Designation : Additional Director
BNM Institute of Technology
27th Cross, 12th Main, Banashankari II Stage, Bangalore - 560070, INDIA
Affiliation : Bangalore

Witness 2:

Signature :

Name : CHAKRAVARTHY ELUMALAI

Designation:

Affiliation :

Witness 2:

Signature :

Name : Payal Sharma

Designation:

Affiliation :