

**TKM INSTITUTE OF TECHNOLOGY
DEPARTMENT OF BIOMEDICAL ENGINEERING**

MoU's

Name of the Industry /Institute	Signed Date	Collaborative Activities
KIMS Health, Trivandrum	10-01-2025	<p>The collaboration expands opportunities for research, innovation, and academic exchange. It also bridges the gap between academic knowledge and industry needs, promoting skill development and enhancing students' career prospects. This partnership marks a significant milestone, driving cutting-edge product development, pioneering research, enriching student internships, and strengthening academic-industry synergy.</p> <ul style="list-style-type: none"> • Joint Research & Development – TKMIT will lead the development of innovative healthcare solutions using Edge Computing, AI, and Machine Learning. • Faculty Consultancy & Industry Collaboration – KIMS Health may engage TKMIT faculty members for R&D consultancy. • Student Internships & Training – Biomedical Engineering students from TKMIT will gain internship opportunities and hands-on project experience at KIMS Health. • Knowledge Exchange & Academic Growth – Faculty and student exchange programs, lectures, workshops, and seminars to enhance learning and industry exposure. • Biomedical Product Development – Collaborative efforts in in vitro and in vivo testing, clinical validation, and technology development. • Community Development Initiatives – Joint programs focusing on healthcare, wellness, and education.
		<p>Dr. Moopen's iNEST, a division of the Mindriot Research and Innovation Foundation, and Dr. Moopen's Medical College, Wayanad, are joining forces to enhance collaboration in healthcare, biotechnology, and biomedical engineering. This</p>

<p>Dr. Moopen's iNEST & Dr. Moopen's Medical College</p>	<p>02-12-2024</p>	<p>partnership fosters research, innovation, and academic exchange while bridging the gap between academia and industry. By aligning academic knowledge with industry needs, it promotes skill development and enhances career opportunities for students.</p> <ul style="list-style-type: none"> • Exchange of resources and expertise to support student innovators and faculty. • Access to incubation facilities, mentorship, and product development support for healthcare research. • Joint research initiatives, product prototyping, and clinical validation of biomedical innovations. • Shared laboratory and testing facilities to advance healthcare technology. • Collaboration in securing research grants and funding opportunities for innovative projects.
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<p>Sree Chitra Tirunal Institute for Medical Science and Technology, Trivandrum</p>	<p>13-01-2022 (Renewed on 24-04-2024)</p>	<p>This collaboration enhances opportunities for research, innovation, and academic exchange. It also helps bridge the gap between academic knowledge and industry demands, fostering skill development and improving career prospects for students.</p> <ul style="list-style-type: none"> • A hands-on demonstration and informative session on biomedical equipment was conducted for pre-final year students on October 3 2024, at the Biomedical Technology Wing of SCTIMST, Trivandrum. This session provided valuable insights into advanced medical technologies, enhancing students' practical understanding and industry readiness. • A demonstration and informative session on biomedical equipment was held for pre-final year students on December 4, 2023, at the Biomedical Technology Wing, SCTIMST, Trivandrum. • The National Conference NABIOCON'23 was held on June 28-29, 2023. On the first day, Mr. Vinod Kumar V, an Engineer from the Biomedical Technology Wing at SCTIMST, Trivandrum, led a session focused on enhancing presentation and communication skills, benefiting the participants significantly. The conference continued the following day with Mr. Subhash N N and Mr. Jithin Krishna, also Engineers from SCTIMST, who further addressed the improvement of these skills, offering substantial advantages to the attendees. • On June 22, 2022, three "Adding Value to Your Research" sessions were held, each addressing different areas of professional development. Ms. Sandhya CG, an Engineer from the Biomedical Technology Wing at SCTIMST, Trivandrum, led a session focused on overcoming limited exposure to product development and patenting, providing valuable insights. Another session featured Ms. Indhu Govind, Business Development Manager at TIPS, SCTIMST, Trivandrum, who aimed to enhance participants' exposure to innovations. The third session, conducted
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		<p>by Ms. Aswin R Krishnan, Engineer and Nidhi Prayas Coordinator at SCTIMST, Trivandrum, addressed the lack of exposure to research, offering essential guidance to the attendees.rephrase to make two to three sentence</p> <ul style="list-style-type: none"> • A Sensitization on Intellectual Property Rights was conducted on December 17, 2021, with Mr. Raj Krishna Rajan, an Engineer from the Biomedical Technology Wing at SCTIMST, Trivandrum, as the resource person. This session aimed to address insufficient exposure to the legal aspects of innovation, offering valuable knowledge to attendees. • A webinar on Calibration and Its Role in Biomedical Engineering was held on February 16, 2021, with Ms. Leena Joseph, an Engineer from the Biomedical Technology Wing at SCTIMST, Trivandrum, as the resource person. The webinar focused on addressing insufficient presentation and communication skills, providing significant benefits to participants.
Harvey Biomedical, Bangalore	03-04-2024	<p>The main objective is to improve the skill set of the students, bridge the gap between college education and industry requirements, provide opportunities for students to undergo industrial training and internships, and facilitate knowledge transfer and consultancy work.</p> <ul style="list-style-type: none"> • On April 3, 2024, a Career Development Workshop was held for Biomedical Engineers, featuring Mr. Ayyappadas M, the Director of Harvey Biomedical in Bangalore, as the resource person. The workshop aimed to bridge the gap between industry-required research and product development skills, offering significant benefits to the participants.

MoU signed with KIMS Health, Trivandrum

MoUs



MoU signed with KIMS Health, Trivandrum

MoU signed with Dr. Moopen's iNEST & Dr. Moopen's Medical College

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MoU signed with Sree Chitra Tirunal Institute for Medical Science and Technology, Trivandrum



Collaborative Activities with Sree Chitra Tirunal Institute for Medical Science and Technology





TKM INSTITUTE OF TECHNOLOGY
DEPARTMENT OF BIOMEDICAL ENGINEERING

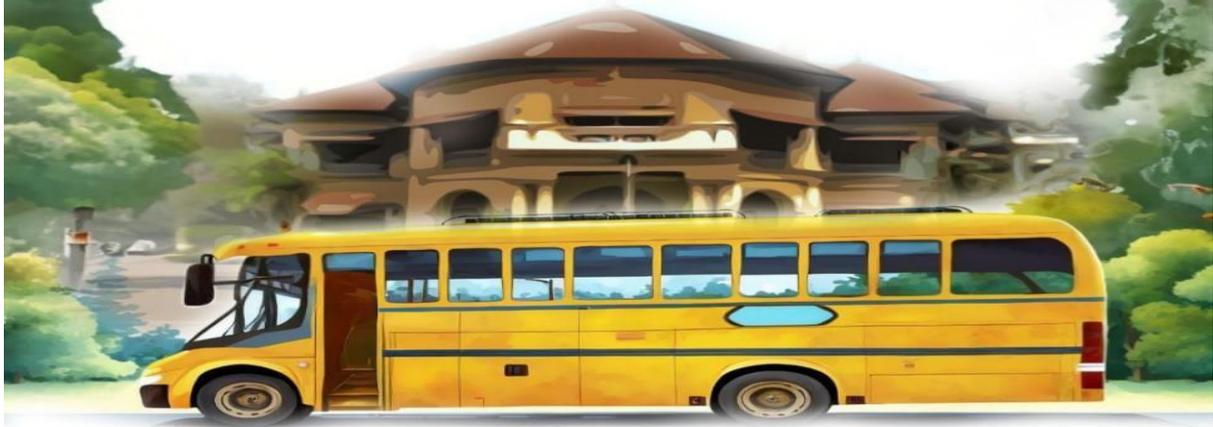


04 DECEMBER 2023

ONE DAY INDUSTRIAL VISIT

SCTIMST

SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL
SCIENCES & TECHNOLOGY



"Discover the power of innovation through industrial visits"

MoU signed with Harvey Biomedical, Bangalore

MoUs



Harvey Biomedical , Bangalore

Collaborative Activities with Harvey Biomedical



Thangal Suroor Memorial
Institute of Technology
KLAZM
IEEE
EMBS
IEEE

IEEE AND BLAZE PRESENTS
CAREER DEVELOPMENT
WORKSHOP FOR BIOMEDICAL ENGINEERS

WEDNESDAY
APRIL 3RD, 2024

SEMINAR HALL

9:30AM - 12:10PM

PROGRAM LEAD BY
ATTYAPADA'S H
DIRECTOR HARVEY BIOMEDICAL
BANGALORE

The poster features logos for Thangal Suroor Memorial Institute of Technology, KLAZM, IEEE, and EMBS. It includes a calendar icon, a location pin, and an alarm clock icon. The text is in a mix of black and red fonts. At the bottom, there is a circular portrait of Attyapada's H and an illustration of people walking up a staircase.

