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Math Coding & AI

Empower your child with Futuristic Skills

Summer Residential Camp at

NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

Organized by

CENTRE FOR CONTINUING EDUCATION AND SKILL DEVELOPMENT NIT CALICUT

MATHLAB RESEARCH

NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
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RESIDENTIAL CAMP

📍 National Institute of Technology Calicut

📅 27 May 2024 till 31 May 2024

Expert Learning

Hands-On Training

Personality Growth

And Many More

For further information visit www.mathlabskillrealm.com

About Us

Centre for Continuing Education and Skill Development (CCESD) at NIT Calicut is dedicated to design, develop and deliver various educational, research, training and outreach programmes for personal and professional development of internal and external stakeholders in association with various departments/centres/ sections of the institute as well as external agencies. The centre provide necessary logistics and extend administrative support for the conduct of various programs such as seminars, conferences, symposia, workshops, hackathons, design clinics, exhibitions, competitions, contests, roadshows as per the needs of various department/centres/sections of the institute or of the institute as a whole or of an external agency or community.

CENTRE FOR
CONTINUING EDUCATION AND
SKILL DEVELOPMENT
NIT CALICUT

About the Institute

National Institute of Technology Calicut (NITC), established in 1961, is a premier institution offering undergraduate, masters and doctoral programs in various fields. It transformed from a Regional Engineering College in 2002 and boasts a fully residential campus with research facilities. Located in Kerala, NITC leverages its beautiful surroundings while focusing on academic excellence. Their mission is to produce well-rounded graduates through high-quality education and research, striving to become a frontrunner in technical fields.

Institute is indebted to the Government of India, Ministry of Education, Kerala State Government, the local administration, industries, funding agencies, alumni and all other stakeholders for the grand support in its march towards excellence.

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JOINT CERTIFICATION PROGRAM

NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

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Department of Mathematics

The Department of Mathematics is one of the oldest departments of the National Institute of Technology Calicut. In addition to the courses offered for the B. Tech and B. Arch students, the department offers programs leading to Master's Degrees and Ph. D. The Department is also actively involved in conducting faculty development programs for working professionals, academic faculty and students. The research facilities in the Department are well-maintained and regularly updated with the latest technology. The faculty members are actively involved in sponsored research and consultancy work.

www.mathlabskillrealm.com

MATHLAB SKILLREALM

About Us

MathLab SkillRealm is a research, innovation, and skills hub affiliated with MathLab Research, a company specializing in industrial applications of mathematical models. We bridge the gap between theory and practice by providing deep conceptual and practical exposure, enriching proficient expertise in various domains. We are led by a circle of diversely motivated and enthusiastic fellows who seek to build a platform that blends traditional & modern approaches to skill-based and futuristic learning. Our approach is all about helping learners by giving them a taste of what it's like in real industries and practical situations. This way, students gain a concrete understanding of the ideas and concepts.

MATHLAB RESEARCH

About Us

MathLab Research brings together mathematicians, industrial experts and academicians from diverse fields. We specialize in creating customized mathematical models to meet industrial needs, skillfully integrating mathematics into practical applications across various industries.

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Become an AI Creator

ABOUT THE CAMP

The 5-day hands-on residential summer camp at National Institute of Technology Calicut guarantees the students to master the skills of coding through Python programming and will get to know about the world of Artificial Intelligence and it's underlying principles, along with the dynamic exposure from an institute of national importance. Students are given sessions about self-confidence, motivation, life lessons, activities- both physical & mental; and an atmosphere to mingle and interact with like-minded learners across the different regions.

The program is conducted by MathLab SkillRealm, the educational wing of MathLab Research, Kochi in association with the Department of Mathematics, NIT Calicut and Centre for Continuing Education and Skill Development (CCESD), NIT Calicut. This certification program is exclusively designed for students to equip them with the skills needed for successful STEM careers.

Chat AI

Goals

- Unveil AI fundamentals
- Master Python for AI
- Math behind AI algorithms
- Hands-on AI model creation
- Apply AI in any domain

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Key Highlights

Expertized learning experience

Through expert-led instruction and real-world projects, students gain proficiency in AI fundamentals, coding, and critical thinking, building a strong foundation for future success.

Skill building

From Python programming to neural networks, students master in-demand AI skills for tackling complex challenges and thriving in future careers.

Independence & Self-confidence

Students gain the confidence and problem-solving skills to tackle AI challenges independently, unlocking their potential as future innovators.
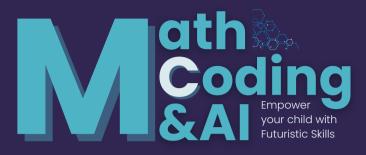
Social & Emotional development

Students cultivate teamwork, communication, and leadership skills through collaborative projects and engaging activities, boosting confidence and fostering lifelong connections.

Beyond academics

Students will develop resilience, character, emotional intelligence, and leadership qualities through engaging activities. They will learn to navigate challenges and inspire others toward collective success.

Continued learning opportunities

Participants will receive ongoing support and engagement for one year through online channels, including project assignments.

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THIS PROGRAM IS JOINT CERTIFICATION WORKSHOP.

THIS PROGRAM IS OPEN TO STUDENTS AGED 13 AND ABOVE.

THE PROGRAM IS RESERVED FOR THE FIRST 30 STUDENTS JOINING.

VISIT OUR WEBSITE AT

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RESIDENTIAL CAMP

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