



SEP 2022- DEC 2022

AICTE IDEA LAB

*THE LATEST EVENTS AND ANNOUNCEMENTS
FOR STUDENTS
2022-2023*



PIET NEWSLETTER

CONTENTS



MESSAGES

ABOUT PIET

AICTE IDEA LAB PIET

OBJECTIVES OF IDEA LAB

ACTIVITIES OF IDEA LAB





Sh. Hari Om Tayal
Chairman , PIET

Message

It is with immense pride and enthusiasm that I invite you to explore the dynamic realm of the AICTE IDEA LAB at PIET through this book. Our lab stands as a symbol of innovation and the transformative impact of dedicated research and development. This book vividly portrays our journey—a journey where visionary ideas are meticulously cultivated and evolved into pioneering advancements. The success stories within these pages are a testament to the relentless dedication and extraordinary passion of our students and faculty. Your support has been instrumental in propelling us forward and contributing to our mission of forging a brighter tomorrow.

"Success is not the result of spontaneous combustion. You must set yourself on fire."



Sh. Suresh Tayal
Member Secretary, PIET

Message

It is with great pleasure and anticipation that I present to you the remarkable journey of the AICTE IDEA LAB at PIET through this book. Our IDEA LAB represents a beacon of innovation and an embodiment of the power of rigorous research and groundbreaking development.

Within these pages, you will find a vivid portrayal of our mission—where innovative concepts are meticulously developed into impactful solutions. The stories of success highlighted here reflect the unwavering dedication and relentless pursuit of excellence by our students and faculty. Your unwavering support and involvement have been pivotal in our quest to advance knowledge and drive meaningful change.

"Opportunities are usually disguised as hard work, so most people don't recognize them."



Sh. Rakesh Tayal
Vice Chairman , PIET

Message

It is with great excitement that I introduce you to the vibrant world of our AICTE IDEA LAB at PIET through this book. Our lab is a beacon of creativity and a testament to the transformative power of research and development.

This book captures the essence of our journey—where ambitious ideas are nurtured and turned into groundbreaking innovations. The success stories within these pages highlight the tireless efforts and boundless enthusiasm of our students and faculty. Thank you for being a part of our journey and for supporting our quest to shape a brighter future.

“Imagination is more important than knowledge.

**For knowledge is limited,
whereas imagination embraces the entire world.”**



Sh. Shubham Tayal
BOG , PIET

Message

It is with great enthusiasm that I share the remarkable achievements of the AICTE IDEA LAB at PIET through this book. Our lab epitomizes the spirit of innovation and the transformative potential of dedicated research and development.

This book encapsulates our journey where bold ideas are cultivated into significant breakthroughs. The stories of progress within these pages highlight the remarkable dedication and innovative spirit of our students and faculty. Your continued support and engagement have been vital in driving our mission forward.

"Success is not just about what you accomplish in your life,
but what you inspire others to do."



Professor (Dr.) Shakti Kumar

Director, Panipat Institute of Engineering and Technology

At PIET, we are committed to fostering innovation and equipping our students with the skills necessary to thrive in a rapidly evolving world. The establishment of the AICTE IDEA Lab at our institution is a significant milestone in this journey.

The AICTE IDEA Lab serves as a hub for creativity, design thinking, and hands-on learning, empowering students and faculty to transform their ideas into reality. It offers access to state-of-the-art tools, collaborative spaces, and a supportive environment to nurture innovation and technical excellence. Through workshops, events, and real-world projects, the Lab bridges the gap between theoretical knowledge and practical application. We are proud of the impact the IDEA Lab is already making in shaping future-ready professionals and fostering a culture of innovation on campus. As we continue to grow, I encourage students, educators, and industry partners to actively participate in this initiative, collaborate on groundbreaking ideas, and contribute to building a better future.



Prof. (Dr.) Anju Bhandari Gandhi
AICTE IDEA LAB COORDINATOR, PIET

Editor's Message

It is an honor to present the achievements of the AICTE IDEA LAB at PIET through this book. Our lab stands at the intersection of creativity and scientific inquiry, where the seeds of curiosity blossom into groundbreaking innovations. This book captures the essence of our journey—a journey fueled by curiosity, dedication, and a relentless pursuit of excellence. Each project and success story featured here reflects the dynamic and vibrant spirit that defines our lab.

I am thrilled to witness the transformative impact of our work and proud of the exceptional talent that drives our lab forward. As we continue to explore new frontiers and push the boundaries of knowledge, I invite you to celebrate with us the milestones that have shaped our path.

Here's to the future we are creating together!



Prof. (Dr.) Sunil Dhull

AICTE IDEA LAB CO- COORDINATOR, PIET

Editor's Message

It is a privilege to present the milestones achieved by the AICTE IDEA LAB at PIET. As the Co-Coordinator and Head of the Mechanical Engineering Department, I am thrilled to witness how our lab has become a forge for transformative ideas and cutting-edge research.

In this success journey book, you will find a tapestry of innovation, where each project tells a story of exploration, creativity, and relentless pursuit. Our IDEA LAB is a playground for ingenuity, where theoretical concepts are molded into practical solutions that address real-world challenges.

I extend my deepest appreciation to our brilliant students and dedicated faculty whose energy and creativity breathe life into every project.

**Let's continue to dream big, push boundaries, and shape
the future together.**

About PIET

Panipat Institute of Engineering & Technology (PIET) is a premier institution dedicated to excellence in engineering and technology, management and pharmacy education. Located in Panipat, Haryana, PIET is celebrated for its commitment to academic rigor, innovative research, and holistic development.

Our institute offers a wide array of undergraduate and postgraduate programs, guided by a team of esteemed faculty members. At PIET, we emphasize practical learning, cutting-edge research, and strong industry connections to ensure our students are well-equipped for their professional journeys.

With modern facilities, a dynamic learning environment, and a focus on fostering creativity and leadership, PIET stands as a beacon of academic and technological advancement. We are committed to empowering our students and contributing to the progress of society through education and research.



About IDEA LAB , PIET

The AICTE IDEA Lab PIET provides cutting-edge facilities aimed at fostering innovation and research . The lab equipped with state-of-the-art technology and tools, supports prototype development, hands-on experimentation and offering a dynamic platform for students and faculty to explore, experiment, and transform ideas into tangible solutions.

It promotes creativity, collaboration, and practical learning, bridging the gap between theoretical knowledge and real-world applications. Dedicated to nurturing a culture of innovation and driving technological advancements, the AICTE IDEA Lab prepares students to address modern challenges.

It focuses on the Sustainable Development Goals (SDGs), which aims to enhance lives, end poverty, and safeguard the environment globally. Through its initiatives, workshops, and projects, the lab significantly contributes to research and development, the broader technological landscape, and the pursuit of these global goals for the prosperity and economic growth of the society and nation.



Objective of IDEA Lab: Dreams comes to reality

• I - INNOVATION

At the heart of the AICTE IDEA LAB is a commitment to fostering a vibrant culture of creativity. We encourage and support the generation of novel ideas and cutting-edge technologies, providing an environment where imagination knows no bounds.



• D - DEVELOPMENT

Our lab offers comprehensive support for transforming innovative concepts into tangible solutions. With access to state-of-the-art facilities and resources, we guide ideas through the development phase, turning vision into reality.



• E - EVALUATION

Rigorous evaluation is crucial to ensuring the effectiveness and feasibility of projects. We meticulously assess and refine innovations to ensure they meet high standards of practicality and align with real-world applications.



• A - APPLICATION

We focus on bridging the gap between theory and practice by facilitating the application of research and innovations to address pressing industry challenges and societal needs. Our goal is to translate groundbreaking ideas into impactful, real-world solutions.



MAIN EVENTS



**Faculty Development
Programmes**



**Professional Skilling
Programmes**



Skilling Programmes



**School Teacher
Awareness Programmes**



**Open Day for School
Students**



Annual Conference

ACTIVITIES

19-12-2022 to 31-12-2022

2022

IOT & DRONE TECHNOLOGY BOOTCAMP

The IoT and Drone Tech Bootcamp is an intensive program designed to immerse participants in the latest technologies in Internet of Things (IoT) and drone technology. Over 13 days, attendees will engage in hands-on training, exploring practical applications, and developing skills in both fields. The bootcamp covers essential concepts and advanced techniques, equipping participants with the expertise to innovate and excel in these rapidly evolving tech areas.



ACTIVITIES

TOYACATHON 2022

PIET proudly launched the grand finale of Toycathon 2022 with a well-organized inaugural ceremony on May 24th, 2022, at 9 am. The event began with a warm welcome address by Dr. Anju Gandhi, President of the Institution's Innovation Council (IIC). The Chief Guest, Dr. R K Soni, Advisor at AICTE, alongside Dr. Biswajit Saha, Director of Training and Skills Education at CBSE, delivered insightful speeches packed with statistics and strategies crucial for succeeding in the gaming and toys industry.



OPEN DAY FOR SCHOOL LEARNER



PANIPAT INSTITUTE OF
ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to Kurukshetra University, Kurukshetra)



OPEN DAY FOR SCHOOL LEARNER

on

“ Career Options After
School in NEP 2020

LEARN & LEAD



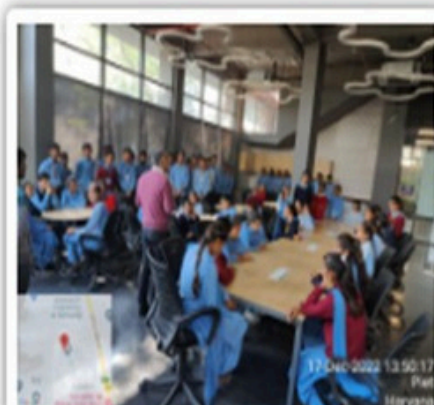
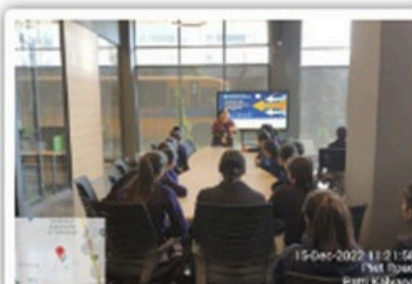
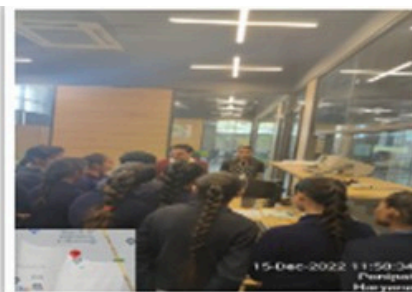
December
15th, 2022



10:00
AM



AICTE IDEA LAB,
RISE, PIET



Thank You

Thank you for your invaluable support and active participation in the AICTE IDEA Lab at PIET. Your dedication and enthusiasm have greatly enriched our initiatives and fostered a collaborative environment of innovation. We look forward to achieving more milestones together in the future.

Contact Us



+91 93541 76495 , +91 94664 77776



idea_lab@piet.co.in



<https://www.youtube.com/@pietaicteidealab>



www.linkedin.com/in/aicte-idea-lab-piet-9724b9320



<https://www.instagram.com/idealabpiet>