

# **Annexure – 18.15 (XV)**



**MoE's  
INNOVATION CELL  
(GOVERNMENT OF INDIA)**



**INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiative)**



# GHOUSIA INSTITUTE OF TECHNOLOGY FOR WOMEN

Near Dairy Circle, D.R.C Post, Hosur Road, Bengaluru 560029, Karnataka

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## Workshop on AI & 14.0 Tools For Innovation and Entrepreneur

IIC-GITW is organising an inspiring seminar that unveils how AI is revolutionising careers and industries, featuring live demonstrations, empowering insights on entrepreneurship and womens advancement, and engaging interactive sessions.

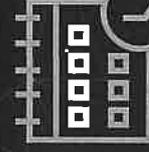


**AI  
GROW NOW**

**·CHIEF GUEST:**

**Mr. ABDUL NADEEM**

Co-founder & Chief Visionary, AI GROW NOW



**Time: 11:00 am Onwards**



**Date: 13th October, 2025**



**Venue: Seminar Hall**



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Ministry of Education  
Government of India



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COUNCIL  
(Ministry of Education Initiative)

**Semester 1**

**Thrust area: Inspiration, Motivation & Ideation**

**Quarter 1**

<b>Theme</b>	Innovation & Entrepreneurship
<b>Activity Name</b>	<i>Workshop on AI and Industry 4.0 Tools for Innovators and Entrepreneurs</i>
<b>Mode of Conduct</b>	Offline/Hybrid
<b>Level of Activity</b>	Level 1 or 2*
<b>Participants</b>	<ul style="list-style-type: none"> <li>• Students: Minimum 40 students from the Institute.</li> <li>• Faculty: Maximum possible participation.</li> </ul>
<b>Key Output of Activity with KPIs</b>	<ul style="list-style-type: none"> <li>• ≥10 multidisciplinary teams formed during or after the boot camp.</li> <li>• ≥20 innovative ideas or problem statements identified.</li> </ul>
<b>Description</b>	<p>Organize the Workshop on AI and Industry 4.0 Tools for Innovators and Entrepreneurs to create awareness and build capacity among students and faculty members about emerging technologies that are transforming industries and innovation ecosystems. The session should focus on introducing Artificial Intelligence (AI) and Industry 4.0 tools that can be leveraged for developing innovative solutions, products, and startups.</p> <p>The workshop should provides hands-on exposure to digital tools, platforms, and case studies that demonstrate how these technologies can be integrated into problem-solving, product design, and entrepreneurial ventures.</p> <p><b>The activity should mainly focus on:</b></p> <ul style="list-style-type: none"> <li>• Introducing participants to the fundamentals and real-world applications of AI and Industry 4.0.</li> <li>• Demonstrating how these tools can be applied in innovation, product design, and entrepreneurship.</li> <li>• Providing hands-on learning through demos, simulations, or practical sessions.</li> <li>• Encouraging participants to explore technology-based solutions for local and global challenges.</li> <li>• Building confidence among innovators to adopt emerging technologies for prototype or startup development.</li> </ul> <p><b>Activity Conduct and Submission Guidelines:</b></p> <ul style="list-style-type: none"> <li>• Use IIC Logo and Institute Logo on all Communication materials like Poster/Banner &amp; Report.</li> <li>• Institutes are encouraged to record the activity, and the YouTube link can be shared with the complete or edited video as proof of the activity during report submission on Portal.</li> <li>• Kindly add activity under Manage Activity section, and then using Add to My Calendar option on the IIC Portal.</li> <li>• Submit the activity report in PDF format under the "<b>Overall report of the activity</b>" option. The report should include the IIC and institution's logos, the title and objective of the event, speakers' details, key points from their remarks/speeches and actionable, participant details, and max five photographs (for offline events) or screenshots (for online events) of the session. The key outcomes of the activity, media coverage (if available), and feedback from guests and participants should also be included.</li> <li>• For dissemination &amp; outreach of the session, share brief summary/report on social media platforms and tag MOE's Innovation Cell &amp; AICTE.</li> </ul>

\*Level 1- An Activity of 2 to 4 contact hours or a Half Day Event, Level 2- An Activity of 5 to 7 contact hours or Full Day Event (Pre-Event Preparation Period is Excluded)



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### **Introduction to the Workshop**

The workshop on “**AI and Industry 4.0 Tools for Innovators and Entrepreneurs**” was organized with the objective of creating awareness and building capacity among students and faculty members regarding emerging technologies that are transforming modern industries and innovation ecosystems. The rapid adoption of Artificial Intelligence and Industry 4.0 technologies has significantly reshaped the way products are designed, services are delivered, and businesses are operated. This workshop aimed to equip participants with foundational knowledge and practical exposure to these technologies, enabling them to leverage digital tools for innovation, problem-solving, and entrepreneurial development.

### **Understanding AI and Industry 4.0**

The workshop commenced with an introduction to the core concepts of Artificial Intelligence and Industry 4.0. Artificial Intelligence was explained as the ability of machines and systems to simulate human intelligence through learning, reasoning, prediction, and decision-making. Industry 4.0 was presented as the fourth industrial revolution, characterized by the integration of digital technologies such as automation, cyber-physical systems, Internet of Things (IoT), big data analytics, cloud computing, and smart manufacturing. Participants were helped to understand how these technologies collectively enable intelligent, connected, and data-driven industrial environments.

### **Real-World Applications and Industry Transformation**

A key focus of the workshop was highlighting the real-world applications of AI and Industry 4.0 across various sectors. Examples from manufacturing, healthcare, agriculture, transportation, finance, and smart cities were discussed to demonstrate how these technologies enhance efficiency, accuracy, productivity, and innovation. Through case studies and industry examples, participants gained insights into how AI-driven analytics, automation, and digital platforms are enabling businesses to make informed decisions, optimize operations, and deliver personalized solutions.

### **Application in Innovation and Entrepreneurship**

The workshop emphasized how AI and Industry 4.0 tools can be effectively applied in innovation, product design, and entrepreneurial ventures. Participants were introduced to how emerging technologies support idea validation, rapid prototyping, predictive analysis, and customer-centric product development. The session highlighted the role of digital technologies in reducing development costs, accelerating time-to-market, and improving scalability, thereby making technology-driven startups more feasible and competitive.

### **Hands-On Exposure and Practical Learning**

An important component of the workshop was hands-on exposure to digital tools, platforms, and demonstrations. Participants were provided with practical insights through demos, simulations, and illustrative exercises that showcased the integration of AI and Industry 4.0 tools in problem-solving and product development. This experiential learning approach helped participants understand how theoretical concepts translate into real applications and strengthened their technical confidence in using emerging technologies.

### **Technology-Driven Problem Solving**

The workshop encouraged participants to explore how AI and Industry 4.0 technologies can be used to address local and global challenges. Emphasis was placed on identifying real-world



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problems related to sustainability, healthcare access, resource optimization, and smart infrastructure, and applying digital solutions to address these issues. Participants were motivated to think innovatively and design technology-based solutions that are scalable, impactful, and socially relevant.

### **Building Skills and Technological Confidence**

The session also focused on building confidence among students and faculty members to adopt emerging technologies for innovation and startup development. Participants were guided on how to begin learning and experimenting with AI tools, digital platforms, and Industry 4.0 technologies even with limited resources. The workshop highlighted the importance of continuous learning, interdisciplinary collaboration, and hands-on experimentation in staying relevant in a technology-driven economy.

### **Encouraging Innovation and Startup Development**

The workshop concluded by reinforcing the role of AI and Industry 4.0 as enablers for next-generation innovation and entrepreneurship. Participants were encouraged to apply the knowledge gained towards developing prototypes, research projects, and startup ideas. The session inspired innovators to leverage emerging technologies not only for commercial success but also for solving real-world problems and contributing to sustainable development.

### **Outcome of the Workshop**

By the end of the workshop, participants developed a clear understanding of the fundamentals and applications of AI and Industry 4.0 tools. They gained practical insights into how these technologies can be integrated into innovation, product design, and entrepreneurial initiatives. The workshop enhanced awareness, built technical confidence, and motivated participants to explore technology-driven solutions, thereby laying a strong foundation for future innovation, prototype development, and startup creation.



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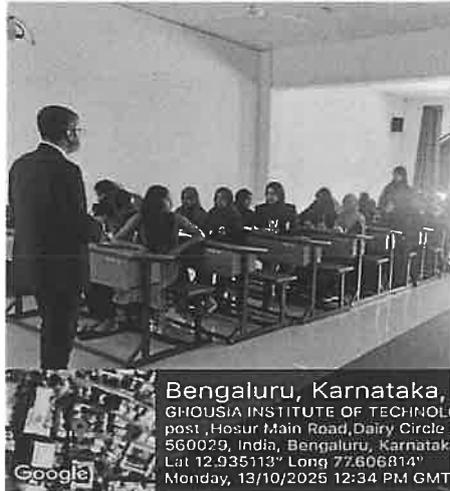
## Photo Gallery:





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GHOUSIA INSTITUTE OF TECHNOLOGY FOR WOMEN,  
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560029, India, Bengaluru, Karnataka  
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Monday, 13/10/2025 12:34 PM GMT



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## Awareness Workshop: "Entrepreneurship & Innovation" as Career Opportunities

IIC-GITW presents an inspiring session designed to empower young innovators with cutting edge IT skills, bridge the gap between classrooms and careers, and spark a journey of growth in today's dynamic tech world.



**CHIEF GUEST:**  
**Mr. ABID AHMED**  
DIRECTOR TRAINING,  
SUCCESS BRIDGE

**Time: 2:20pm Onwards**

**Date: 16th October, 2025**

**Venue: Seminar Hall**



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**Semester 1**

**Thrust area: Inspiration, Motivation & Ideation**

**Quarter 1**

<b>Theme</b>	Innovation & Entrepreneurship
<b>Activity Name</b>	Awareness Workshop: "Entrepreneurship & Innovation" as Career Opportunities
<b>Mode of Conduct</b>	Offline/Online
<b>Level of Activity</b>	Level 1 or 2 *
<b>Participants</b>	<ul style="list-style-type: none"> <li>• Students: Minimum 40 students from the Institute</li> <li>• Faculty: Maximum possible participation</li> </ul>
<b>Online Resource**</b>	<a href="https://youtu.be/yx8oSHmxMwM">https://youtu.be/yx8oSHmxMwM</a>
<b>Key Output of Activity with KPIs</b>	<ul style="list-style-type: none"> <li>• 60% of participants have awareness (based on feedback).</li> <li>• 20 new ideas submitted (through YUKTI Portal)</li> <li>• 25% of participants, especially first-time attendees, are taking interest in innovation &amp; Entrepreneurship activities.</li> </ul>
<b>Description</b>	<p>Organise One/Half Day Awareness Workshop on "Entrepreneurship and Innovation as Career Opportunity". Invite a speaker from the industry, startup ecosystem, or academia, preferably someone with practical experience in innovation &amp; entrepreneurship or from any Incubation Centre.</p> <p>The workshop should focus on the following:</p> <ul style="list-style-type: none"> <li>- Introducing participants to entrepreneurship and innovation as viable career paths.</li> <li>- Providing the foundational skills and knowledge required to identify opportunities and develop innovative solutions.</li> <li>- Inspiring individuals to explore entrepreneurial ventures by leveraging emerging technologies and available resources for growth.</li> </ul> <p><b>Activity Conduct and Submission Guidelines:</b></p> <ul style="list-style-type: none"> <li>• Use IIC Logo and Institute Logo on all Communication materials like Poster/Banner &amp; Report.</li> <li>• Institutes are encouraged to record the activity, and the YouTube link can be shared with the complete or edited video as proof of the activity during report submission on Portal.</li> <li>• Kindly add activity under Manage Activity section, and then using Add to My Calendar option on the IIC Portal.</li> <li>• Submit the activity report in PDF format under the "<b>Overall report of the activity</b>" option. The report should include the IIC and institution's logos, the title and objective of the event, speakers' details, key points from their remarks/speeches and actionable, participant details, and max five photographs (for offline events) or screenshots (for online events) of the session. The key outcomes of the activity, media coverage (if available), and feedback from guests and participants should also be included.</li> <li>• For dissemination &amp; outreach of the session, share brief summary/report on social media platforms and tag MOE's Innovation Cell &amp; AICTE.</li> </ul>

\*Level 1- An Activity of 2 to 4 contact hours or a Half Day Event, Level 2- An Activity of 5 to 7 contact hours or Full Day Event (Pre-Event Preparation Period is Excluded)

\*\*Online resources are given for reference purpose. Institutes can either use this resource link to share with the participants in advance or they can design their own training/workshop module based on the activity description.



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### **Introduction to the Workshop**

The awareness workshop on “**Entrepreneurship and Innovation as a Career Opportunity**” was organized with the objective of creating awareness among students and aspiring professionals about entrepreneurship as a meaningful, practical, and achievable career path. Traditionally, many individuals perceive employment in established organizations as the primary career choice. This workshop aimed to broaden that perspective by presenting entrepreneurship and innovation as equally viable, rewarding, and impactful alternatives. By inviting a speaker with real-world experience from industry, the startup ecosystem, academia, or an incubation centre, participants gained authentic insights into how innovative ideas are transformed into successful ventures and how real-world entrepreneurial challenges are effectively managed.

### **Understanding Entrepreneurship and Innovation**

The workshop commenced with an introduction to the fundamental concepts of entrepreneurship and innovation. Entrepreneurship was explained not merely as the act of starting a business, but as a mindset that involves identifying problems, recognizing opportunities, taking calculated risks, and creating value for society. Innovation was highlighted as the core driver of entrepreneurship, emphasizing the development of new ideas, improvement of existing products or services, and the application of creative solutions to real-world problems. Through simple examples and relevant case studies, participants understood that innovation can take place in technology, business models, operational processes, and social initiatives.

### **Entrepreneurship as a Realistic Career Path**

A major focus of the workshop was to help participants recognize entrepreneurship as a realistic and achievable career option rather than a high-risk or uncertain path. The invited speaker shared personal entrepreneurial experiences, including initial struggles, failures, learning phases, and eventual successes, thereby demystifying the entrepreneurial journey. This practical exposure enabled participants to relate theoretical concepts to real-life situations and helped build confidence that entrepreneurship is attainable with the right mindset, preparation, and perseverance. Emphasis was placed on the fact that many successful entrepreneurs began their journeys on a small scale, often while pursuing studies or employment, and gradually expanded their ventures.

### **Identifying Entrepreneurial Opportunities**

The workshop also provided foundational knowledge required to identify entrepreneurial opportunities. Participants were guided to observe problems in their immediate surroundings, analyze unmet needs, and think critically about how these challenges could be transformed into innovative business ideas. The importance of market research, understanding customer requirements, and validating ideas before implementation was explained in simple and practical terms. This helped participants understand that successful entrepreneurial ventures are built on well-researched and carefully validated opportunities rather than random ideas.

### **Development of Entrepreneurial Skills**

Another important aspect of the workshop was the development of essential entrepreneurial skills. These included creativity, problem-solving, critical thinking, communication, teamwork, leadership, and decision-making abilities. The workshop highlighted that these skills are not exclusive to entrepreneurs but are equally valuable across all professional domains. Participants were encouraged to actively cultivate these competencies through academic projects, internships, competitions, and collaborative activities. The speaker explained how such skills enable



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individuals to adapt to change and remain relevant in a rapidly evolving professional environment.

### **Role of Innovation and Emerging Technologies**

The role of innovation in the modern economy was emphasized throughout the session. Participants were introduced to emerging technologies such as artificial intelligence, data analytics, renewable energy, digital platforms, and automation, and how these technologies are creating new entrepreneurial opportunities. The workshop explained how technology serves as a powerful enabler, allowing startups to scale rapidly, access global markets, and operate efficiently with limited resources. This exposure motivated participants to pursue interdisciplinary learning and remain updated with technological advancements.

### **Support Systems for Aspiring Entrepreneurs**

The workshop also highlighted the various support systems available for aspiring entrepreneurs. Participants were informed about incubation centres, startup accelerators, government schemes, funding agencies, mentorship programs, and institutional innovation cells. The speaker elaborated on how incubation centres provide infrastructure, technical guidance, mentorship, and networking opportunities, significantly reducing the risks associated with new ventures. Awareness of these support mechanisms helped participants realize that entrepreneurship is supported by a structured ecosystem rather than being an isolated effort.

### **Developing an Entrepreneurial Mindset**

In addition, the session focused on nurturing an entrepreneurial mindset among participants. They were encouraged to view failures as learning opportunities rather than setbacks. The importance of resilience, adaptability, and continuous learning was emphasized as these qualities are essential for long-term success in entrepreneurship. Participants were helped to understand that innovation is an ongoing process that requires experimentation, feedback, and continuous improvement.

### **Inspiration Through Success Stories**

The workshop aimed to inspire participants by presenting success stories of startups and innovators who have made a positive impact on society. These examples demonstrated how entrepreneurship can address social, environmental, and economic challenges while creating sustainable livelihoods. This perspective encouraged participants to view entrepreneurship not only as a means of personal achievement but also as a powerful tool for national development and societal well-being.

### **Outcome of the Workshop**

By the end of the workshop, participants gained clarity about entrepreneurship and innovation as viable career opportunities. They developed a better understanding of how to identify opportunities, build essential skills, leverage technology, and utilize available resources to pursue entrepreneurial ventures. The session instilled confidence, motivation, and awareness among participants, empowering them to explore entrepreneurship either as a full-time career option or as a parallel path alongside their professional growth. Overall, the workshop served as a strong foundation for nurturing innovative thinkers and future entrepreneurs equipped to address real-world challenges with creativity, responsibility, and purpose.



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