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REPORT ON WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS

Institution: Haldia Institute of Management

Date: May 11, 2026

Venue: Radhabinod Pal Seminar Hall

On May 11, 2026, Haldia Institute of Management (HIM) conducted a comprehensive session was conducted to explore the intersection of advanced indigenous R&D and Intellectual Property Rights (IPR). The event focused on the development, commercialization, and legal protection of critical technologies designed to safeguard Indian Defence and Paramilitary personnel.

Session 1: Advancing Frontline Survivability

Speaker: Dr. Shantanu Bhowmik, *Head of Research Program, Amrita School of Engineering*

Dr. Bhowmik delivered a detailed keynote on **"Life-Saving Technologies for Indian Defence and Paramilitary Forces."** Drawing from cutting-edge engineering R&D, he emphasized the urgent need for indigenous manufacturing (Aatmanirbhar Bharat) in the defence sector.

His lecture covered:

- The development of advanced, lightweight ballistic protection and composite materials to enhance soldier mobility and safety.
- Innovations in combat medical systems and rapid evacuation technologies.
- The transition of life-saving prototypes from university R&D labs to deployable military assets.

Session 2: Safeguarding Indigenous Defence Innovations

Speaker: Dr. Soni Shaikh, *CEO, BuenToque Consultancy*

Following the technical keynote, Dr. Shaikh provided a strategic overview on **"IPR and its Preservation,"** connecting the engineering achievements discussed earlier to their legal and commercial frameworks.

His lecture highlighted:

- The critical role of patents in protecting life-saving defence R&D from unauthorized exploitation and tech theft.

- Strategies for researchers and institutions to successfully file and preserve intellectual property.
- The mechanics of secure technology transfer between academic R&D hubs and domestic defense manufacturers.

Key Takeaways

The synergy between the two lectures established a clear roadmap for defence innovation:

1. **Innovation Must Be Protected:** Developing advanced life-saving gear is only the first step; securing the IPR is mandatory to ensure the technology remains under national control.
2. **Boosting Self-Reliance:** Patented indigenous technologies reduce dependency on foreign defence imports and build a robust domestic defence corridor.
3. **Incentivizing R&D:** Proper IPR preservation ensures that academic institutions and researchers are financially and professionally recognized for their contributions to national security.

Conclusion The event successfully demonstrated that combining cutting-edge engineering with rigorous IP protection is vital for modernizing the Indian Armed Forces and ensuring the safety of those on the front lines.

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