



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



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अभियान
1947 TO 2047



Institute's Innovation Council
Pt. Ravishankar Shukla University Raipur
IIC-PRSU

Institute Innovation Council

Pt. Ravishankar Shukla University, Raipur
Chhattisgarh – 492010

Aishe Code: U-0093

(Under The Initiative of Ministry of Education's Innovation Cell)

IIC ID: IC201810375

Report on MIC-Driven Activity “Discover more with Design Registrations: Masterclass on Patents and Design Registration”

On 22nd April 2025, A Live Session was organized by the Ministry of Education's Innovation Cell (MIC) and AICTE, on the title “*Discover more with design registration: a master class on patents and design registration*” from 11:00 AM to 01:00 PM onwards. The live streaming of this session was streamed through youtube at the Computer Lab, S.o.S in Electronics & Photonics, Pt. Ravishankar Shukla University, Raipur. This session was attended by 07 Faculty members and 40 Students of S.o.S in Electronics & Photonics and IRETM.

The session on “Discover More with Design Registration” commenced with an insightful presentation by Dr. B.K. Chakravarthy, who emphasized the importance of pushing technological boundaries, promoting sustainability, encouraging entrepreneurship, and delivering real-world solutions through design innovation. He introduced the concept of “Innovation by Design,” advocating for a collaborative approach to developing innovative solutions. Central to his talk was his framework of the 7 C's of Design Innovation: Cause, Context, Comprehension, Check, Conception, Crafting, and Connection. Each stage was exemplified through practical, real-life applications. For instance, the Cause involved solving the delay in identifying blood groups in blood banks using infrared technology, which, though not patentable, was protected through design registration. The Context illustrated the creation of a water bottle for CRPF jawans to purify water from any source. Comprehension involved gaining design insights, showcased through a solar-powered window-mounted oven developed by an IIT Bombay student, currently in pilot production and undergoing patent registration. In the Check stage, a redesigned palki for Mata Vaishno Devi pilgrims was highlighted — engineered to reduce the physical strain on porters while offering comfort to pilgrims, based on structural analysis. Conception focused on generating ideas, such as a user-friendly helmet with elastic straps. Crafting involved prototype development, exemplified by a newly designed post box registered as a design. Finally, Connection was about user satisfaction, demonstrated by the launch of Zee Line, India's first redesigned petrol pump showcasing how cultural heritage can be protected and monetized through design registration.



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Amrit Mahotsav

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Photos of the Event



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