**Annual Report on R&D, IPR, and Entrepreneurship Activities (AY 2023-24)**

The **R&D Cell** encouraged faculty to submit research proposals to various funding agencies. The **PRISM-DSIR project** was successfully completed, and other projects are under consideration with **AICTE**.

An **AICTE ATAL FDP** was conducted to enhance faculty skills and improve the teaching-learning process.

**13** **patents were published and 16 granted** during AY 2023-24, with additional applications submitted for approval.

The **BCREC AICTE-IDEA Lab** organized activities for students of BCREC and other institutions, promoting hands-on learning and innovation.

The **Entrepreneurship Cell**, **IPR Cell**, and **IIC** organized **workshops and webinars** on **IPR awareness**, **research methodology**, and **startup development** to foster innovation and entrepreneurship.

MOUs with **RedHat Academy** and **Infosys Springboard** provided valuable opportunities for **training, research activities, internships, and placements**, benefiting both students and faculty.

Financial support was provided to organize **STTPs**, **National/International Conferences**, and **Symposiums**, promoting knowledge creation and transfer among students and faculty.

A group of students (Team 10106) qualified **ISRO Robotic Challenge-2024’s 1st round** with a space rover featuring stair-climbing, image processing-based navigation, and a robotic arm manipulator.

In summary, AY 2023-24 saw significant progress in research, innovation, and entrepreneurship, enhancing academic excellence, industry readiness, and skill development.