and overall global welfare.

# **Centre for Intellectual Asset Protection**



## DIRECTION OF INNOVATION

## **World Intellectual Property Report 2022**

Since Scottish engineer James Watt (1736–1819) built the First workable steam engine over 250 years ago, thereby effectively launching the First Industrial Revolution, rapid technological advances have driven ever more widespread economic growth, benefitting countries and economic stakeholders around the globe. Today, the world is at the outset of a new industrial revolution – the Fourth – based on digital technologies, such as robotics, artificial intelligence and big data.

How much and how fast countries, industries and companies invest in transforming research and development (R&D) resources, both human and financial, into new technologies will in large part determine future economic growth, standards of living

However, not all decisions on innovation - understood as commercialized new products and processes – are simple to make. At any given moment, existing technologies compete with promising new ones in terms of potential returns. The steam engine, electricity and the Internet all had viable alternatives that could have replaced them or blocked their development. In the 1800s, the "Stirling" heat engine was considered a serious rival technology to the steam engine, but not so well suited to the available raw materials and the industrial needs of the time. At the turn of the 20th century, urban lighting was mostly powered by gas. Only once electricity became generally available in the years that followed did cities start replacing gas streetlights with safer, cheaper and brighter electric lighting. In the 1980s, over a decade before email and the Internet

boom, an interactive online content service known as Minitel was already being widely used in France to communicate or buy goods via a screen, keyboard and modem linked to the telephone network. Ironically, such was the commitment to what was then ground breaking technology, but which ultimately proved a dead end, that it slowed the Internet's adoption in France compared to neighbouring economies which had developed no similar innovative system. To read full article click here https://tinyurl.com/wipo22new

HIGHLIGHTS

## **Achievements - Granted Patents**

This May month SRMIST received 2 Indian patent grants. The CIAP feels proud of our faculty members and students who made this achievement possible and we congratulate every inventor who has been a part of these patents. We look forward to working with them to commercialize the patents.





and a process for production of producer gas

**Research** got his patent granted where his invention is a gasifier

Dr. Saravanakumar Ayyadurai from the Directorate of

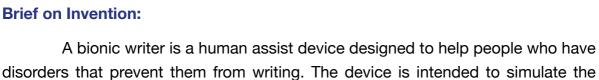
### This patent aims to create a gasifier which is a small and big capsule shaped design which is stratified fixed bed gasifier model. This capsule shaped gasifier

his invention is a bionic writer.

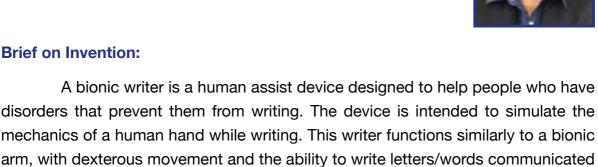
gasifiers. The capsule shaped gasifier assists in effective sizing reduction and also reduces the cost drastically. This gasifier can easily be scaled-up factors with respect to length, breadth, height, air distribution ducts integration horizontally and vertically.

Dr. C. LikithKumar from the Department of Electronics

helps to minimize the voids and also accepts higher volume than the conventional



and Instrumentation Engineering got his patent granted where



through a voice interface. Thus, this is an improvement over commercially available plotters and printers and will be more effective in assisting people suffering from conditions such as dyslexia, dysgraphia, arthritis, crippled limbs, and others that **EVENTS** 

JUNE HAPPENINGS

# **EVENT 1: EXPLORING THE JOURNEY OF IDEA TO COMMERCIALISATION** 15th JUNE 2022 Date: Time: 10am - 11:30am Venue: Sir Visvesvaraya Seminar Hall (CRC Block)

## **EVENT 2:**

Venue:

### PATENT SEARCH FOR RESEARCHERS Date: 22 JUNE 2022

Time: 10am - 11am

**CONTACT DETAILS** 

Sir Visvesvaraya Seminar Hall (CRC Block)

J Vijay Rathan Lingaa Techno-Legal Advisor tladvisor@srmist.edu.in | +91-9677002684

5th floor, SIIEC Office Space, Basic Engineering Lab Building,

**SRMIST**