NEWSLETTER
SEPTEMBER 2022

Centre for Intellectual Asset Protection

THE EFFECTS OF INTELLECTUAL PROPERTY RIGHTS ON ACCESS TO MEDICINES

Author
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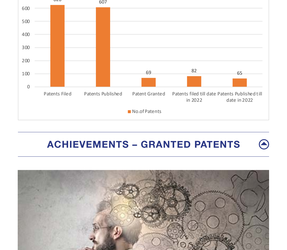
"An estimated 2 billion people have no access to essential medicines, effectively shutting them off from the benefits of advances in modern science and medicine." [1]

– Dr. Chan, WHO Director-General.

Intending to set up a proprietary market advantage and protecting innovation in new medical technologies, the already advanced and well-equipped developed countries underpin the significance of implementing Intellectual property rights. In contrast, the poor and developing countries lack access to medicine even without intellectual property laws. What further reduces their access to medicines is imposing or strengthening IP protection laws as a result of trade agreements [2]. World Health Organization (WHO) estimates that one in three persons worldwide doesn't have guaranteed access to their required medicines[3]. Sustainable development Goal (SDG) 3 recognized improving access to medicine "through ensuring healthy lives and promoting wellbeing for all at all ages" as one of its goals [4][3].

But due to excessive and unmerited patenting of medicines by big corporate pharmaceuticals, the promotion of health rights across the world has gotten much worse than it ever should have been; specifically after the WTO Agreement on Trade-related Aspects of Intellectual Property Rights (TRIPS) on access to medicines[5][4]. Whereas advancements, aiming at prolonged human survival, made in the medical field create epoch-making results, prevailing complexities in IP regime concerning pharmaceuticals bars individuals' access to medicines; thus denying the right to health of that person. To read full article click here

HIGHLIGHTS

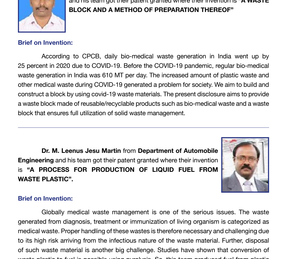


Patent Statistics

In the month of September, 2022, we

— Filed 22 new patent applications
— Received 6 First Examination Report issuances on our patent applications.
— Filed 13 responses to First Examination Reports.
— Got 4 Indian Patents granted.

Till September, 2022 SRMIST's Patent Statistics are as follows,



ACHIEVEMENTS – GRANTED PATENTS

This September month SRMIST received 4 Indian patents granted. 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.

Dr. L. Krishnaraj from the **Department of Civil Engineering** and his team got their patent granted where their invention is **"A WASTE BLOCK AND A METHOD OF PREPARATION THEREOF"**

Brief on Invention:

According to CPCB, daily bio-medical waste generation in India went up by 25 percent in 2020 due to COVID-19. Before the COVID-19 pandemic, regular bio-medical waste generation in India was 610 MT per day. The increased amount of plastic waste and other medical waste during COVID-19 generated a problem for society. We aim to build and construct a block by using covid-19 waste materials. The present disclosure aims to provide a waste block made of reusable/recyclable products such as bio-medical waste and a waste block that ensures full utilization of solid waste management.

Dr. M. Leenus Jesu Martin from **Department of Automobile Engineering** and his team got their patent granted where their invention is **"A PROCESS FOR PRODUCTION OF LIQUID FUEL FROM WASTE PLASTIC".**

Brief on Invention:

Globally medical waste management is one of the serious issues. The waste generated from diagnosis, treatment or immunization of living organism is categorized as medical waste. Proper handling of these wastes is therefore necessary and challenging due to its high risk arriving from the infectious nature of the waste material. Further, disposal of such waste material is another big challenge. Studies have shown that conversion of waste plastic to fuel is possible using pyrolysis. So, this team produced fuel from plastic waste using eggshell as a catalyst. The liquid fuel obtained is a diesel like fuel for utilization in CI engine.

Dr. G. Balaji from the **Department of Mechanical Engineering** and his team got his patent granted where their invention is **"A CATALYST COMPOSITION FOR REDUCING EMISSION AND A PROCESS FOR ITS PREPARATION"**

Brief on Invention:

Exhaust gas of an engine comprises carbon monoxide (CO), unburnt hydrocarbons (HC) and oxides of nitrogen (NOx). These gases are hazardous besides contributing to the environmental problems of air and acid rain. Stringent environmental guidelines have been put in place for reduction of the exhaust gases before they are released into air. Therefore, felt a need for providing low cost catalyst composition and a process for its preparation that mitigates the drawbacks. The catalyst composition can be used in the preparation of a catalytic convertor for emission reduction. This invention helps in simple production of a low cost catalytic converter.

Mr. S. Pradeep from the **Department of Civil Engineering** and his team got their Indian patent granted where their invention is **"CONCRETE STRUCTURES WITH STEEL FIBERS".**

Brief on Invention:

Reinforced cement concrete (RCC) is a type of conventional concrete where reinforcements are provided to the concrete to improve the strength of concrete and its ductility. Conventional RCC structures require large proportions of steel reinforcing bars (rebars) for achieving desired physical and mechanical properties making the construction of structures expensive. Further, the conventional RCC structures do not withstand seismic conditions and lack required tensile strength, compressive strength and flexural roughness. There is, therefore, felt a need for concrete structures that mitigates the above-mentioned limitations. This invention is concrete structure comprising of cement, fine aggregates, coarse aggregates and fibers. The concrete structure of this composition provides increased resisting capacity, has increased compressive strength, split tensile strength and flexural strength.

EVENTS

1. The Department of Mechanical Engineering organised a seminar on **"CREATING AN AWARENESS ON INTELLECTUAL PROPERTY RIGHTS AND SUCCESSFUL COMMERCIALISATION"** on 16th September, 2022. Mr. J. Vijay Rathan Lingaa, Techno-Legal Advisor, CIAP was the speaker of this event.

Photos Link: https://tinyurl.com/sepeve1

2. Department of Computing Technologies organised a Seminar on **"EXPLORING THE JOURNEY OF IDEA TO COMMERCIALISATION"** on 21st September, 2022. This event had Mr.J.Vijay Rathan Lingaa, Techno-Legal Advisor, CIAP as the speaker.

Photos Link: https://tinyurl.com/sepeve2

OCTOBER HAPPENINGS

EVENT 1:

SEMINAR ON INTRODUCING IP COMMERCIALISATION FOR MANAGERS

Date: 07th OCTOBER 2022

Time: 10.00 am – 11:30 am

Venue: MBA Seminar Hall

EVENT 2:

PATENT SCHOOL WORKSHOP – FOURTH EDITION

Date: 13th – 15th OCTOBER 2022

Time: 10 am – 04:00 pm

Venue: SIIEC Inspiration Studio

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