



NEWSLETTER

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A WEEKLY NEWSLETTER

25th August 2023



Media coverage in Times of India newspaper for six patents filed by FDDI Hyderabad in the year 2022-2023 for 'Creative Shoes'

The cornerstone laid down by National IPR policy and the efforts made by Footwear Design and Development Institute (FDDI) Hyderabad campus has transpired into a credible achievement by making six patents with various streams in 'Creative Shoes'.

Patenting of research innovation of the students & faculty members to protect their intellectual property rights is one of the most important aspect to accelerate knowledge-based output. Following this as a guiding principle, the School of Footwear Design & Production (SFDP) of FDDI Hyderabad campus has filed six patents in the year 2022-2023.

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Design protections of Creative Shoes' published by students and faculties of SFDP, Hyderabad



Coverage of FDDI Hyderabad in Times of India newspaper dt. 16th August, 2023

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Sr. No.	Author(s)	Title	Name of Agency who awarded Patent/ Patent Number	Description
Patents – Published				
1.	Mr. Deepak Choudhary, (Consultant SFDP) Mr. K. Elayaraja, (Sr. Faculty SFDP) Mr. Naresh Kumar (Faculty SFDP) Mr. Abdul Rahuman (Sr. Faculty SFDP) Mr. Loganathan (Faculty SFDP) Ms. Anila Sasi (Jr. Faculty SFDP) Mr. Pradeep Shukla (Associate Faculty)	Smart Footwear & Method of Operations there of	202241069290/ Indian Patent Office	The scope of smart footwear is the use of smart materials to dynamically adapt the sole and cushioning based on external conditions. In addition, the operations of smart footwear made various claims, the fuzzy logic techniques adopted.
2.	Dr. Y. Raja Jaya Rao Dr. Srinivas Ganganagunta Dr. Abhay Kumar Dr. V. B. Sreedhar Dr. Nandkishor Nilkanth Padole Dr. Nitin Nilkanth Padole Dr. S. Shanmugan Dr. B. Arifa Farzana Dr. A. Mushira Banu Mr. Loganathan. T (Faculty SFDP) Dr. D. V. Lokeswar Reddy Dr. Ganesh N Yallapa	Synthesis of Super-Hydrophobic Silica nanoparticles, and Method for Preparing Non-stick Paint by using same	202241047698/ Indian Patent Office	This invention focuses on super hydrophobic paints, epoxies, and composites, all of which include superoleophobic particles and surfaces, as well as techniques for producing the aforementioned materials.
3.	Dr. K. Mohamed Rafi Mr. Loganathan (Faculty SFDP) Dr. M. Hemalatha Dr. N. Venkataramanaiah Dr. Harishchandra Anandaram Dr. Lucy Mohapatra Dr. N. T. Pramathesh Mishra Dr. Sajith. S	Diabetic Blood Glucose Prediction using Deep Learning	202241022891/ Indian Patent Office	The invention is related to Diabetic Blood Glucose Prediction using the Deep Learning concept. Insulin insufficiency is the root cause of type 1 diabetes (T1D), a long-term condition. The elimination of pancreatic β -cells is the primary cause of this insufficiency, affecting the pancreas' capacity to make insulin.

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4.	<p>Ms. Rekha Sahu Dr. Bipin Kumar Srivastava Dr. Savita Verma Mr. Loganathan (Faculty-SFDP) Dr. Kumara Swamy Jella Mr. Mehta Durva Hardikbhai Dr. D.T. Sakhare Dr. Srinivas Ganganagunta Ms. Abha Gupta Ms. T. Vennela</p>	<p>Synthetic Method of Biological Structural Carbon/Cerium Oxide Artificial Photosynthesis Material</p>	<p>202221028032/ Indian Patent Office</p>	<p>According to the invention, photosynthetic materials are used in photosynthesis, and more specifically, the synthesis side of biological structure carbon/cerium oxide artificial light condensation material method is used.</p>
Design Patents–Published				
5.	<p>Mr. Abdul Rahuman(Sr. Faculty- SFDP)</p>	<p>KV Derby</p>	<p>358034-001/ Indian Patent Office</p>	<p>The design of KV Derby having asymmetry design has only two components. The inspiration of this design has taken from the elephant trunk.</p>
6.	<p>Mr. Abdul Rahuman (Sr. Faculty- SFDP), Ms. Laxmi Gayatri (Student of FDP 201822)</p>	<p>Amber HB Sneaker</p>	<p>375727-001 / Indian Patent Office</p>	<p>This Amber HB Sneaker shoe has been inspired by a subtropical African bird Hornbill. This design is based on the combination of two hero elements, casque - shaped components on the upper and bright contrasting colors throughout the shoe. The tread patterns of the exaggerated out soles allows user to provide additional grip.</p>

Reinforcing its standing as a leading institution in the field of footwear design and development, SFDP of FDDI Hyderabad filed six patents filing in the year 2022-2023 for 'Creative Shoes' which will further increase the research theses.



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The same has been published in the esteemed Times of India newspaper dt. 16th August, 2023 which marks a great milestone for FDDI Hyderabad's commitment to quality education.

FDDI, Hyderabad students visit T-Works

With an objective to provide an insight an opportunity to explore the cutting-edge facilities, innovation labs, and pioneering projects housed within, the students of second year, third year and fourth year of B.Des School of Footwear Design & Production (SFDP), FDDI Hyderabad visited T-Works which is located at Raidurgam, Hyderabad on 17th August, 2023.

T-Works, India's Largest Prototyping Center - a Government of Telangana Initiative is a thriving innovation ecosystem located in the heart of Hyderabad which has become a hub for tech enthusiasts, innovators, and entrepreneurs.



Mr. Poojithkaithi, CAD Designer, briefing about 3D Printing technology utilized by T-Works



Students and Faculty members with team of T-Works

Ms. Sharon, Technical Lead, Solutions Team, briefed about T-Works and its mission to foster collaboration and experimentation. Students and faculties embarked on a guided tour, where they will be able to witness the latest technologies in action, including additive manufacturing, woodworking, robotics, and rapid prototyping.

There was interactive workshops that offered the students and faculties a chance to engage hands-on with technology challenges and gain practical insights into its applications.

The visit also provided valuable networking opportunities, allowing students to connect with industry experts, entrepreneurs, and fellow students from various educational institutions.



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Jr. Faculty of FDDI invited for online review of 'Research Paper'

<p>Dr. Sushila Hooda, Jr Faculty, FDDI Noida campus</p>	<p>Certificate of Excellence in Reviewing'</p>

Dr. Sushila Hooda, Jr. Faculty, FDDI-Noida campus was invited for online review of research paper in listed journal " ShodhKosh: Journal of Visual and Performing Arts".

As per the nomination, the research paper titled " The Beauty of Sustainability: Exploring The Design And Material Innovations in Eco-Friendly Fashion Jewellery " was reviewed by Dr. Sushila for which he has been provided a 'Certificate of Excellence in Reviewing' on 22nd July 2023.

Research study of Faculty of FDDI, Hyderabad campus gets published in IJMER

A research study of Mr. Rambabu Muppidi, Faculty of FDDI, Hyderabad campus has been published in the International Journal of Multidisciplinary Educational Research (IJMER), Impact 8.017 (2023), volume 5.16, a peer-reviewed and refereed Journal.

The title of the research study is "The Craft of Rajamahendravaram in the Local Toy "White Wood Birds": Making Process and Study. The research study focuses on accessories, hard goods and craft, which capture a child's interest, encouraging them to explore and discover new things on their own. The toys spark a product designer's imagination and provide an opportunity for open-ended play.

Mr. Rambabu Muppidi, Faculty in School of Leather Goods & Accessories Design (LGAD), having keen interest in research in the area of art, craft and design carried out the field study in the Coastal region and visited some places of Rajamahendravaram near the Godavari Deccan Plate and Andhra Pradesh region and interacted with some of the local artisans and also visited Lepakshi handicraft emporium, documenting the study.

The study is available at [http://ijmer.in/issues/volume12/volume12-issue7\(1\).aspx](http://ijmer.in/issues/volume12/volume12-issue7(1).aspx)

<p>Mr. Rambabu Muppidi Faculty, SLGAD, Hyderabad</p>	<p>Certificate of Publication</p>



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