

WeldFab Tech Awards-2026

WeldFab Tech Times is a premier publication dedicated to the welding and fabrication industry, with a strong focus on industry growth, innovation, and professional networking. It plays a vital role in connecting businesses, showcasing excellence, and promoting advancements across the sector.

WeldFab Tech Times presented the prestigious “4th Edition WeldFab Tech Awards 2026”, celebrating excellence and innovation in welding and fabrication. Dr. K. S. Pujar had the honour of serving as a Jury Member, alongside industry leaders, technical experts, and renowned academicians.

The award ceremony was held on 23 January 2026 at the JW Marriott Hotel, Bengaluru, where all esteemed jury members were felicitated with a special acknowledgement.



Patent Granted

Proud to announce the grant of an Indian patent titled “Inverse Diffusion Flame Burner with Different Angled Fuel Jets and Swirl” (Patent No. 576601). The patent has been awarded to Dr. Shankar Badiger, Mr. R. J. Talapati, Mr. Rajat Acharya, Dr. Gururaj Hatti, Mr. Deepak V. Lokare, Dr. Shylesha V. Channapattana, Ms. Rashmi Melinamani, and Mr. Naveen S. Hiremath. Granted on 26 December 2025 by the Patent Office, Government of India, this innovation reflects the institute’s strong research culture and commitment to impactful engineering solutions.

INTELLECTUAL PROPERTY INDIA

भारत सरकार, विज्ञान एवं प्रौद्योगिकी विभाग, अर्थ, वित्त और प्रशासन विभाग, नया दिल्ली

भारत सरकार, Intellectual Property Office, Government of India, Ministry of Science and Technology, Ministry of Finance and Administration, New Delhi

कम सं. SL No. 044/2024/50

पेटेंट कार्यालय, भारत सरकार | The Patent Office, Government Of India

पेटेंट प्रमाण पत्र | Patent Certificate

(पेटेंट नियमावली का नियम 74) | (Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No. : 576601

आवेदन सं. / Application No. : 202441027549

फाइल करने की तारीख / Date of Filing : 03/04/2024

पेटेंटी / Patentee : 1. Dr. Shankar Badiger 2. Mr. R J Talapati 3. Mr. Rajat Acharya
4. Dr. Gururaj Hatti

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में व्यापकृत **INVERSE DIFFUSION FLAME BURNER WITH DIFFERENT ANGLED FUEL JETS AND SWIRL** नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबन्धों के अनुसार आज तारीख अप्रैल 2024 के तीसरे दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled **INVERSE DIFFUSION FLAME BURNER WITH DIFFERENT ANGLED FUEL JETS AND SWIRL** as disclosed in the above mentioned application for the term of 20 years from the 3rd day of April 2024 in accordance with the provisions of the Patents Act, 1970.

अनुदान की तारीख : 26/12/2025
Date of Grant :

विशेष : यह पेटेंट के नवीकरण के लिए फीस, जो इस समय चूका जा चुका है, अप्रैल 2026 के तीसरे दिन की और तारीख तक जमा कर दे उसे फिर नया करेगा।
Note - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 3rd day of April 2026 and on the same day in every year thereafter.

अधिक पेटेंटी व आविष्कारकों की सूची अतिरिक्त है, पेटेंटी व आविष्कारकों के नाम पृष्ठ संख्या 2 पर जारी है।
*Since the Number of Patentees / Inventors is more, the name of Patentees / Inventors are continued on Page No. 2.

INTELLECTUAL PROPERTY INDIA

भारत सरकार, विज्ञान एवं प्रौद्योगिकी विभाग, अर्थ, वित्त और प्रशासन विभाग, नया दिल्ली

भारत सरकार, Intellectual Property Office, Government of India, Ministry of Science and Technology, Ministry of Finance and Administration, New Delhi

कम सं. SL No. 044/2024/50

पेटेंट प्रमाणपत्र के लिए अनुलग्नक/Annexure to Patent Certificate

पेटेंट सं. / Patent No. : 576601


आवेदन सं. / Application No. : 202441027549

फाइल करने की तारीख / Date of Filing : 03/04/2024

पेटेंटी / Patentee (नाम/Continued) : 5. Mr. Deepak V Lokare 6. Dr. Shylesha V Channapattana 7. Ms. Rashmi Melinamani 8. Mr. Naveen S Hiremath

Patent publication

Published patent on an invention “Solar PV-Powered Desalination System with Water-Cooled Condenser” on 03/10/2025. Application No.202541085873



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“Transforming Through Technology”



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Department of Mechanical Engineering


Congratulations

For Publishing Patent


“Solar PV- Powered Desalination System with Water-Cooled Condenser ”




Prof. Gurunath Mewundi




Dr. Shankar Badiger




Prof. Rajat Acharya



Dr. Anant Joshi




Prof. Deepak Lokare



Dr. Gururaj Hatti



Prof. Naveen Hiremath



klsvdit.edu.in

3-10-2025

Patent Publication

Published a patent on an invention “AI-Powered Crop Monitoring Device in Agriculture” on 24/10/2025. Application No.202541083949



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2004

Department of Mechanical Engineering
Congratulations
For Publishing Patent

“AI-Powered
Crop
Monitoring
Device in
Agriculture”



Prof. Santosh Savanur



Dr. Shankar Badiger



Dr. Gururaj Hatti



Dr. Anant Joshi



Prof. Rajat Acharya



klsvidit.edu.in

24-10-2025

Reviewer

Dr. Gururaj Hatti has been recognized as a Distinguished Reviewer, ranked Senior Reviewer by the prestigious journal Research on Engineering Structures and Materials (RESM) in July 2025. This recognition highlights his valuable contributions to advancing knowledge, supporting the scientific community, and upholding the integrity of the peer-review process.



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"Transforming Through Technology"



2004

Department of Mechanical Engineering

Congratulations

For being recognized as a Distinguished Reviewer,
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Distinguished Reviewer List – July 2025 by the prestigious journal Research on Engineering Structures and Materials (RESM). This recognition highlights his valuable contributions to advancing knowledge, supporting the scientific community, and upholding the integrity of the peer-review process.



Dr. Gururaj Hatti
Associate professor,
Dean Academics



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21-08-2025