



IRRIGATION ASSOCIATION OF INDIA

Newsletter September 2024

Edition Volume IAI/25/18





Screen filter with self-cleaning technology

Non-stop irrigation with hassle-free operation



**UNINTERRUPTED
IRRIGATION WITH
EFFORTLESS
CLEANING!**

The Turbo Series

Automatic Screen Filters bring innovation to irrigation with a self-cleaning mechanism that works without stopping water flow. Engineered for reliability, these filters handle low-pressure conditions with ease and are crafted from high-quality materials to ensure durability and corrosion resistance.

Features

- Innovative & efficient automatic screen filter delivers perfect water cleaning even in low pressure conditions.
- Manufactured with high quality engineering plastics for longevity and corrosion free.
- Filter self-cleaning process triggered either by pressure differential, time or manual input.
- Multiple mesh sizes available to filter different water impurities.
- Equipped with multi functional 'Automat Controller', filter can be operated using electricity or solar power.



Automat Irrigation

Email : contactus@automatworld.com | Website : www.automatworld.com

Irrigation Association met with Secretary, Ministry of Agriculture and Farmers Welfare, GOI



An IAI delegation, led by Kaushal Jaiswal, President of the Irrigation Association of India, met with Dr. Devesh Chaturvedi, Secretary of the Ministry of Agriculture and Farmers Welfare, Government of India. During the meeting, Mr. Jaiswal highlighted the progress, potential, and opportunities in the agricultural sector, emphasizing how the "Per Drop More Crop" scheme is transforming Indian agriculture by promoting water-efficient technologies and improving crop yields with minimal water usage. Mr. Jaiswal also raised key challenges faced by the industry, which have hindered the achievement of the target to cover 2 million hectares annually under micro-irrigation. In response, Dr. Chaturvedi assured support to the industry and instructed officials to address the issues brought forward.

Irrigation Association of India in discussion with the World Bank on 'Irrigation as a Service' (IaaS) Models

Kaushal Jaiswal, President of the Irrigation Association of India, and Rajesh Kumar, Director, along with the IAI technical and training committee, met with the World Bank officials to discuss the feasibility of implementing "Irrigation as a Service" (IaaS) models in rainfed areas. These models aim to improve irrigation efficiency through reliable water supply, reduced losses, and better resource management. By integrating advanced digital tools and micro-irrigation technologies like IoT, SCADA, and pressurized pipe networks, the initiative seeks to enhance productivity, reduce costs, and promote sustainable agricultural development.

IAI Delegation met with Govt. of Rajasthan officials in Jaipur



Rajesh Kumar, Director of the Irrigation Association of India (IAI), along with the Project Management Unit (PMU) team, met with officials from the Government of Rajasthan to review the progress of micro-irrigation adoption under the "Per Drop More Crop" scheme. The discussions focused not only on the current status of micro-irrigation initiatives but also explored the Sparsh Model for subsidy disbursement under centrally sponsored schemes including PDMC. The meeting aimed to assess the state's readiness to implement the Sparsh Model, identify challenges, and ensure efficient execution of these initiatives to promote sustainable water use in agriculture.

Irrigation Association of India shares Industry Perspectives at the 8th India Water Week



Dr. Sangita Ladha, Chairman of the IAI Training Committee, joined discussions on sustainable water management at the 8th India Water Week, organized by the Ministry of Jal Shakti. The event emphasized building partnerships for sustainable and inclusive water solutions, with a focus on improving Water Use Efficiency (WUE) and Water Productivity (WP) in agriculture. India Water Week showcased the transformative potential of innovations such as micro irrigation, SMART irrigation, and digital farming, offering key stakeholders' insights into cutting-edge advancements in the water sector.

IAI announces Launch of its 3rd Edition of Irrigation Industry Directory

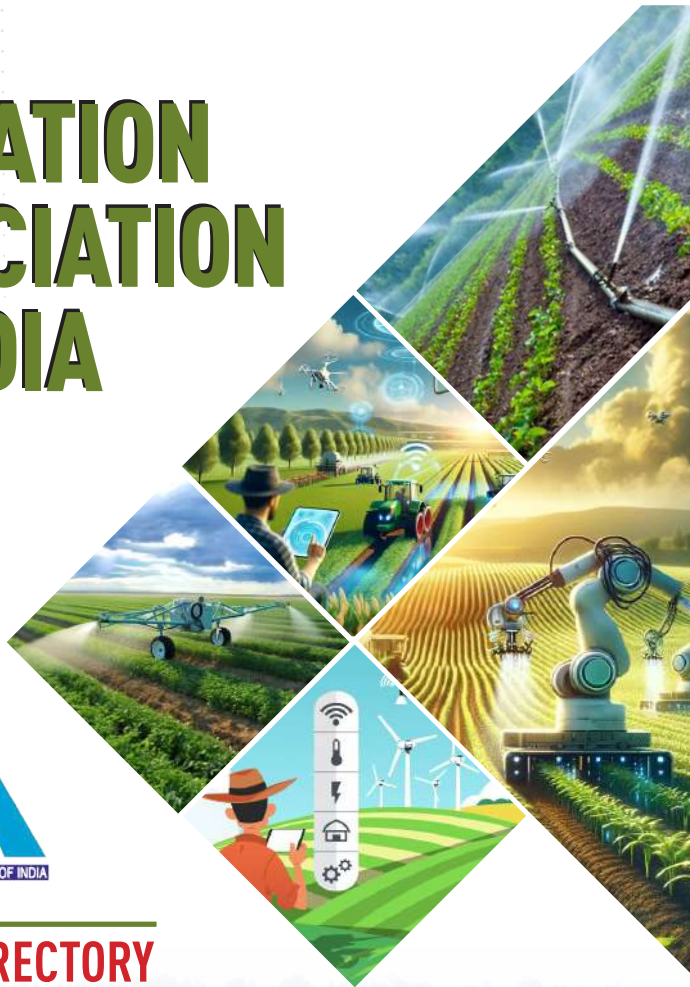
The Irrigation Association of India (IAI) has announced the launch of the 3rd Edition of the IAI Irrigation Directory 2024, scheduled for release on October 15th in Chennai, Tamil Nadu.

This directory offers a comprehensive listing of IAI members, serving as a valuable resource for those in the micro-irrigation sector—ranging from equipment manufacturers and service providers to automation specialists, raw material suppliers, dealers, and software companies. It will be a crucial reference for stakeholders committed to the sustainable development of agricultural water resources in India.

IRRIGATION ASSOCIATION OF INDIA



MEMBERS DIRECTORY



AgriTech Solutions
Cultivating Designs for growth



Techno commercial trainings in irrigation
Irrigation Desing Training on Autocad & Irricad
Project (PDN) Designs | DPR (Pre/post bid)
Irrigation detailed designs & Landscape designs



Agrinext Consultancy
Next Generation Agriculture Consulting

Authorised Distributor & Training by AgriTech & Agrinext Collaboration



AgriTech Solutions
Milind Kayande

+91 98200 86547
milind.kayande@gmail.com

Agrinext Consultancy
Madhuri Dixit Ghugari

+91 74404 03736
madhuri@agrinextconsultancy.com

Ministry of Jal Shakti, Govt of India welcomes an International Delegation at Mohanpura-Kundaliya Irrigation Project, Madhya Pradesh

On September 21, 2024, the Ministry of Jal Shakti, Government of India, hosted a Moroccan delegation comprising senior bureaucrats, government officials, researchers, scientists, and business leaders at the Mohanpura and Kundaliya Irrigation Projects in Madhya Pradesh. These projects represent India's first Pressurized Piped Irrigation Network (PIN) and are a landmark in sustainable water management. Developed under a Public-Private Partnership (PPP) by the Department of Water Resources, Madhya Pradesh, the fully automated system utilizes underground pipelines connected to advanced micro-irrigation, SCADA, and IoT technologies. The visit showcased these innovative solutions, demonstrating how the system efficiently distributes water from reservoirs to farmers' fields, transforming livelihoods and promoting sustainable water use.

International Water Management Institute (IWMI) Launches Water Productivity and Water Footprints Atlas



International Water Management Institute (IWMI) launched the “Water Productivity and Water Footprint Atlas” at the 8th India Water Week, a conference and exhibition organized by the Ministry of Jal Shakti, Govt. of India. Dr. Alok Sikkoo, Country Representative International Water Management Institute (IWMI) and Upali Amarasinghe, Emeritus Scientist International Water Management Institute presented the Water Productivity and Water Footprints Atlas. The Atlas is a powerful tool that offers insights into maximizing

efficient water use in agriculture. The Atlas provides practitioners and industry with access to Water footprints and productivity of over 30 crops across 600+ districts in India and enables data-driven insights and scenario analysis for policy planning and sustainable investments.

(Source: <https://indiawpatlas.shinyapps.io/wpatlas/>)

FICCI-YES BANK Release knowledge report ‘The Indian Maize Sector – Trends, Challenges & Imperatives for Sustainable Growth’ at the 10th ‘India Maize Summit 2024’

FICCI-YES BANK released the knowledge report – ‘The Indian Maize Sector – Trends, Challenges & Imperatives for Sustainable Growth’ at the 10th ‘India Maize Summit 2024’ on 25th September 2024.



The India Maize Summit is an annual conference aimed to create a common platform for stakeholders in the Indian maize industry to discuss the sector's opportunities and challenges. The India Maize Sector Report offers valuable insights on industry trends, challenges and pathways imperative for industry growth. Developing a roadmap to scale up production and acreage and enhancing competitiveness in Maize's value chains will be essential to sustainable growth of the Maize Sector.

(Source: https://www.ficci.in/api/past_event_details/27388)

Mahindra Introduces AI-enabled Sugarcane Harvesting for SM Shankarrao Kolhe SSK (formerly Sanjivani Sugars) in Maharashtra

Mahindra EPC has become the first company in India to introduce an Artificial Intelligence (AI)-powered sugarcane harvesting program for the SM Shankarrao Kolhe (SSK) sugar mill. This AI-based technology enables precise estimation of sugar content, ensuring the timely harvesting of sugarcane crops. By utilizing advanced precision agriculture techniques, including spectrometry and satellite imaging, Mahindra's tools accurately assess sugar levels in the crop. The AI algorithm analyzes the photosynthetic properties of the crop's leaves to determine its maturity stages and calculate the optimal harvest time, maximizing both sugar yield and farmer revenue.

(Source: <https://krishijagran.com/industry-news/mahindra-introduces-ai-enabled-sugarcane-harvesting-for-sm-shankarrao-kolhe-ssk-in-maharashtra/>)



AgriSURE fund launched by Union Minister Shivraj Singh Chouhan: Here's all you need to know about the initiative



On September 3, 2024, Shri Shivraj Singh Chouhan, Union Minister of Agriculture & Farmers Welfare, launched the AgriSURE Fund and Krishi Nivesh Portal at the C. Subramaniam Auditorium, NASC Complex. The event saw participation from agri-startups, agripreneurs, investors, financial institutions, and senior officials

from the Department of Agriculture and Farmers Welfare (DA&FW). The AgriSURE Fund, a blended capital fund supported by DA&FW and NABARD, is designed to provide financial backing to startups and agripreneurs in the agriculture and allied sectors. It aims to foster innovation by funding projects that enhance farm produce value chains, develop rural infrastructure, and support Farmers Producer Organizations (FPOs).

(Source: <https://economictimes.indiatimes.com/news/economy/agriculture/agrisure-fund-launched-by-union-minister-shivraj-singh-chouhan-heres-all-you-need-to-know-about-the-initiative/article-show/113023200.cms>)

Global Inc comes shopping for farm Fresh Green Credits



Global companies like Microsoft, HSBC, JP Morgan, and Amazon are buying carbon credits from Indian farmers to offset their emissions. Agricultural firms such as Bayer and Grow Indigo are helping farmers adopt sustainable practices to generate these credits. India's carbon credit exports could reach \$4-7 billion in the next five years, driven by increasing demand from multinational corporations.

Source: <https://economictimes.indiatimes.com/news/economy/agriculture/global-inc-comes-shopping-for-farm-fresh-green-cred/article-show/113436810.cms>

APEDA facilitates first consignment of Indian Pomegranates from Mumbai to Melbourne



The Agricultural and Processed Food Products Export Development Authority (APEDA) facilitated the inaugural consignment of Indian pomegranates from Mumbai to Melbourne, Australia, on August 31, 2024. India, the second-largest producer of horticulture crops, grows pomegranates mainly in Maharashtra, Gujarat, Karnataka, Rajasthan, and Andhra Pradesh. APEDA's initiatives to support fresh fruit and vegetable exports include developing sea protocols to maintain product quality and establishing Export Promotion Forums (EPF) to address supply chain challenges.






(Source: <https://www.aninews.in/news/business/apeda-delivers-first-consignment-of-indian-pomegranates-from-mumbai-to-melbourne20240905161217/>)



www.dhanukaindia.com



38, A.K.V.N. Industrial Area, Rudhi-Bhawsinghpura, Harsud Road, Khandwa (M.P.) 450001 | Helpline No. : 76 10 10 00 21

Email : info@dhanukaindia.com | follow us on      / DHANUKAINDIA

Madhya Pradesh | Maharashtra | Bihar | Uttar Pradesh | Chhattisgarh | Rajasthan | West Bengal | Jharkhand | Himachal Pradesh | Karnataka

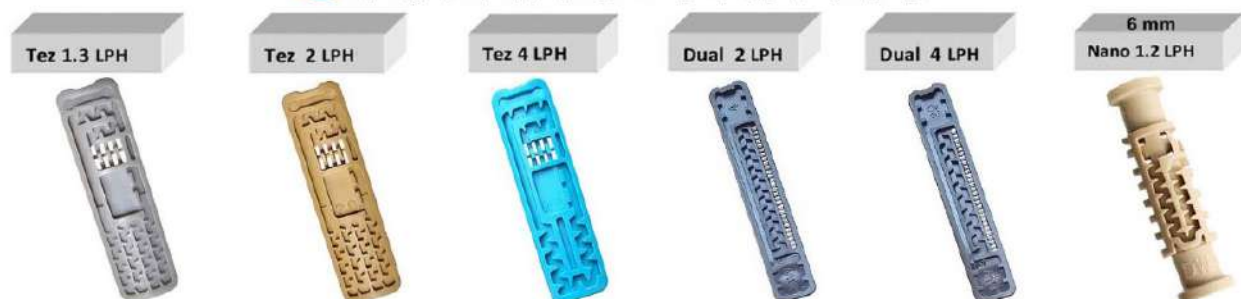
ANANT IRRIGATION

Irrigation Timers and Controllers' market is projected to grow by USD 975.8 Million from 2024-2028

The global irrigation timers and controllers market-size is estimated to grow by USD 975.8 million from 2024-2028. The market is estimated to grow at a CAGR of 13.64% during the forecast period. Innovation in product functionality and features is driving market growth, with a trend towards advent of smart timers and controllers. However, high product and installation costs pose a challenge to growth of the industry.



Donga Watertech PRIVATE LIMITED



CONTACT US

Mobile : +(91) 787 414 5060

Email: tilak@dongawatertech.com

Address: Plot No. 3 & 8, Kailash Industrial Estate, Nr. Iyava gam, Sanand-Viramgam Highway, Sanand, Ahmedabad, Gujarat - 382170.



A team of 30 agricultural irrigation experts, government officials and local community representatives from China and Thailand visited Guilin, a city in southwest China's Guangxi Zhuang autonomous region, on September 28, to study climate-smart water and rice farming technologies. With the help of SMART Irrigation equipment, local farmers can control the amount of irrigation water as it helps achieve the goals of energy saving, water conservation and emission reduction at the same time." The demonstrations aim to enhance climate-smart technology innovation and promote sustainable regional rice production and water resource management.

(Source: http://www.china.org.cn/world/2024-09/30/content_117461488.htm)



FERTILINER™

600 LPH X 5 Channel Fertigation System with EC/pH Monitor

agrimations
Nourishing Plants with Precision

Precise **FERTIGATION** through your smart phone

Multiple Fertigation Channels

Five fertigation channels and expandable up to 10 for offering more freedom for your fertigation recipe

Precise and timely fertigation through your smartphone any time as you need.

For healthy and productive farming

- Irrigate and fertigate the crops through smart phone
- Judicious and effective use of fertilizers
- Easy to install, operate and maintain
- Developed by understanding Indian farming



About Irrigation Association of India

Irrigation Association of India (IAI) is an apex industry body established in 1999, representing Micro Irrigation System (MIS) manufacturing companies in India. It is a not-for-profit organization and is working towards the successful implementation of Micro Irrigation in India for the benefit of farmers.

IAI has a registered office at Pune, Maharashtra, India and corporate office at New Delhi. IAI is closely working with the central Government of India and the State Governments. The association has a strong presence in states through IAI State Chapters at Karnataka, Maharashtra, Madhya Pradesh, Tamil Nadu, Gujarat, Andhra Pradesh, Rajasthan, Uttar Pradesh, Odisha, Chhattisgarh, Haryana, Jharkhand, West Bengal, and North Eastern Region.

What we do

- Policy Advocacy
- Knowledge Dissemination
- Capacity Building
- Convene meeting with Central/State govt. departments to apprise the industry issues
- Sectoral Conference/Workshop to promote Micro Irrigation



CONTACT: IRRIGATION ASSOCIATION OF INDIA

99, GF, World Trade Centre
Babar Road, New Delhi - 110001

Phone: +91 9910836560

Email: director@iaiiindia.org

