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Your Golf Industry Update



GIA

Golf Industry Association

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The Summit Edition: Driving Growth, Innovation & Sustainability



THE GLOBAL STAGE

Connecting Minds, Driving Growth

The GIA Golf & Turf Summit 2025 brings together global leaders, golf course professionals, and innovators to collaborate and exchange insights shaping the future of the golf industry.



INNOVATION IN ACTION

Technology & Turf Management

Discover cutting-edge tools and techniques — from smart irrigation systems to sustainable turf care — that redefine course maintenance and environmental stewardship.



A GREENER TOMORROW

Sustainability in Golf

Championing eco-friendly design, renewable energy, and resource-efficient practices, GIA continues to lead the path toward a more sustainable and responsible golf ecosystem.

**EXCLUSIVE
EDITION**

Summit Highlights

Expert Panels & Workshops

Global Exhibitor Showcase

Networking with Industry
LeadersProduct & Equipment
Demos

GIA Awards & Recognition

Date: 30th–31st October 2025**Venue:** Boulder Hills Golf & Country
Club, Hyderabad**REGISTER NOW**



12th Edition

GOLF & TURF SUMMIT 2025

Experience two days of insights, innovations, and networking—through keynotes, panel discussions, and Greens Section workshops. Seats are limited, register now to be part of India's most influential golf & turf gathering.



30th - 31st October



Boulder Hills, Hyderabad



REGISTER NOW



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golfindustryassociation.in



dg@golfindustryassociation.in

FROM THE DESK OF DIRECTOR GENERAL

Dear Members, Partners, and Friends of the Golf Industry,

As we move closer to the 12th Edition of the Golf & Turf Summit & Expo 2025, I am filled with great optimism and pride in what the Golf Industry Association (GIA) has accomplished – and what lies ahead for the golf community in India.

Over the past few years, our industry has witnessed remarkable progress – from the expansion of golf courses across new regions to the growing professionalism in turf management, sustainability, and course design. These advancements are a reflection of the shared passion and dedication that define our members and partners.

This year's summit, taking place on 30th & 31st October 2025 at Boulder Hills Golf & Country Club, Hyderabad, stands as a milestone moment for us all. With the theme "Driving Growth," the event will focus on how innovation, collaboration, and technology can together create a stronger, more resilient golf ecosystem.

The summit will bring together voices that inspire change – industry leaders, superintendents, architects, suppliers, and policymakers – for two days of meaningful dialogue, learning, and partnership. It's more than just a conference; it's a platform for collective progress.

At GIA, our mission remains clear: to build an ecosystem that promotes sustainability, skill development, and growth opportunities for everyone connected to the game. The Summit embodies this vision by connecting ideas to action and people to purpose.

I invite each one of you to be part of this movement – to contribute, collaborate, and celebrate how far Indian golf has come and where it's headed next.

See you at Boulder Hills, as we drive the future of Indian golf – together.

Warm regards,

Dr. Himanshu Talwar
Director General



About Golf Industry Association (GIA)

It's a non-profit Industry Association registered under the Societies & Trust Act of India, formed by Golf Industry Groups.

Core Activities

- Promote Golf in India through researched information dissemination to all levels of government and the general public. The GIA will specifically develop a golf related research document each year to present to all levels of government and to promote this information through media outlets.
- Educate and inform its members by the offering of an annual conference, targeted training opportunities and professional Industry interaction.
- Assist to build and promote the Indian Golf industry by supporting the activities and aims of the Indian Golf Union, the Government of India Tourism Authority and other golf related groups through the running of an annual Golf Expo.

Why you should join GIA

- 1.Membership is open to all Golf related establishments / organizations including golf clubs as well as to individuals involved in an official capacity in the Indian Golf Industry.
- 2.This gives you a universal platform to co-ordinate and to interact with serious players in the Golf industry.
- 3.As a member you are entitled to avail of the services rendered by the Association such as expert advices on construction of Golf Courses, redesigning of courses, turf management, course maintenance, irrigation, etc.

GIA Membership Categories & Fees

- International Membership – \$500 (All Inclusive, No Voting Rights)
- Corporate Membership – ₹25,000/- + GST (Full Member Rights)
- GIA Greens Section (Active Golf Superintendents) – ₹1,000/- + GST (No Voting Rights)

Who Can Become a Member?

- Corporate Membership is open to all golf-related companies, establishments, and organizations, including golf clubs.
- International Membership is open to companies or representatives based outside India.
- GIA Greens Section Membership is exclusive to active golf course superintendents.

Note: Membership is restricted to those who agree to abide by the GOLF INDUSTRY ASSOCIATION Constitution and Code of Ethics. A full copy is available on the GIA website.

Join GIA today and become part of a growing network dedicated to the advancement of the golf industry!



GIA Board Members

Name	Designation
Mr Anirudha Seolekar	Patron & Chairperson
Mr Aakash Ohri	Patron
Mr Devang Shah	Patron
Mr Brandon de Souza	Patron
Mr Anit Mehrotra	Director
Ms Deepali Shah Gandhi	Patron & Director
Mr. Dharendra Jha	Director
Mr. Rakesh Sharma	Director
Mr. Declan Mccollam	Director

 dg@golfindustryassociation.in
 www.golfindustryassociation.in

GIA Membership Benefits:

- Receive information about industry developments through GIA website and newsletter.
- Make contacts and network with other members – leaders in the industry.
- Receive invitations to zonal and national networking and educational programs featuring international and Indian experts.
- Receive a 15% discount on Exhibition space fees to the India Golf Expo – the industry's most important annual event.
- Gain access to presentations, articles and support information on our "Member's Only" area on the website.
- Receive one complimentary delegate pass to the India Golf Expo (For golf clubs who become corporate members) which includes the main conference, lunches, networking coffee breaks and hosted gala dinners.
- Post questions to members and get answers and insights to problems and queries through vast expertise of our members.
- Receive notices about international conferences and events.
- Vote at the annual India Golf Expo Awards.
- List your company on the GIA website & use the GIA Logo in email signatures & stationary

More Benefits

- Receive one complimentary delegate pass to the India Golf Expo (For golf clubs who become corporate members) which includes the main conference, lunches, networking coffee breaks and hosted gala dinners.
- Post questions to members and get answers and insights to problems and queries through vast expertise of our members.
- Receive notices about international conferences and events.
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- List your company on the GIA website & use the GIA Logo in email signatures & stationary

GIA Account Details

- Account Name: Golf Industry Association
- Bank Name: Axis Bank Limited
- Branch: Bund garden, Pune
- Address of Branch: Ashoka Galaxy, Plot No 1, Galaxy Society, Dhole Patil Road, Bundgarden, Pune – 411001
- Account Type: Saving Account
- Account No: 911010034935000
- IFS Code: UTIB0000073
- Swift code for wire transfer bundgarden branch – AXISINBB073

Dr Himanshu Talwar
Director General
Golf Industry Association (GIA)
Phone: +91 93153 71716
Email: dg@golfindustryassociation.in
website: www.golfindustryassociation.in

CHAIRPERSON'S MESSAGE

Dear Members,

The 12th Edition of the GIA Golf & Turf Summit & Expo 2025 is more than an event it is a movement shaping the next era of golf and turf in India.

Over the years, this platform has become the heartbeat of our industry where ideas turn into action, collaborations become partnerships, and vision transforms into reality. Each edition has taken us a step closer to building a nation where golf is not just a sport, but a symbol of sustainability, innovation, and excellence.

This year, as we meet at Boulder Hills, Hyderabad, on 30th–31st October 2025, our theme “Driving Growth” captures our collective intent: to accelerate progress through knowledge, technology, and shared purpose.

What truly defines this summit is the spirit we bring the belief that together, we can make India a global force in golf. Every conversation, every connection, and every collaboration here is a seed for a stronger, greener, and more connected tomorrow.

Let us continue this journey with courage, commitment, and vision to create an ecosystem that inspires the world and elevates golf to new heights in India.

Warm regards,

Anirudha (Anil) Seolekar
Chairperson



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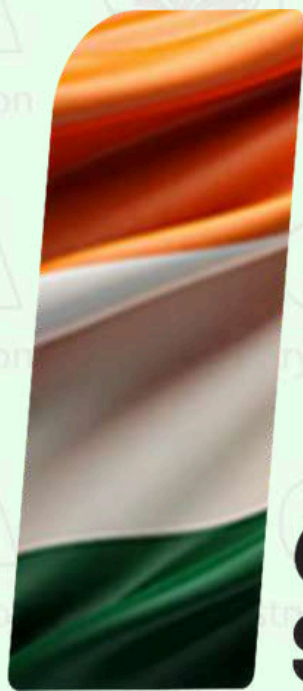
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12th Edition

GOLF & TURF SUMMIT INDIA 2025

30th–31st October 2025 | Boulder Hills Golf & Country Club, Hyderabad

Driving the Future of Indian Golf

The Golf & Turf Summit, hosted by the Golf Industry Association (GIA), stands as India's most influential gathering for golf and turf professionals. Now in its 12th edition, the summit continues to bring together course superintendents, architects, turf managers, policymakers, and industry leaders to shape the next chapter of Indian golf.

This year's edition focuses on sustainability, innovation, and growth, exploring how modern practices and technology can redefine course management and elevate India's golfing infrastructure.

Expect insightful keynotes, engaging panel discussions, interactive workshops, and an exclusive Golf & Turf Expo — all designed to connect ideas with opportunities and people with purpose.

Together, we're not just maintaining greens — we're growing the game.

THE VENUE: BOULDER HILLS GOLF & COUNTRY CLUB, HYDERABAD

Nestled in the heart of Hyderabad, Boulder Hills Golf & Country Club stands as one of India's premier golfing destinations. Known for its world-class design, lush landscapes, and state-of-the-art facilities, it's the perfect venue to host the 12th Edition GIA Golf & Turf Summit 2025.

This year's Summit brings together visionaries, innovators, and industry leaders to explore sustainability, technology, and growth – all set against the stunning backdrop of Boulder Hills.



SPONSORS



CELEBRATION PARTNER



VENUE PARTNER



EXHIBITORS



CHIEF GUEST



***Mr. Jayesh Ranjan, I.A.S.**
Special Chief Secretary to
Government of Telangana

GUEST OF HONOUR



Mr. Suman Billa, I.A.S.
Additional Secretary & Director
General, Tourism - Ministry of
Tourism

ADDRESS BY



Mr. Anirudha Uttam Seolekar
Chairperson, Golf Industry
Association (GIA)



Mr. Anit Mehrotra –
Managing Director
SGDC India Pvt Ltd



Dr NRN Reddy -
Founder, The T Golf
Foundation



Mr Rakesh Sharma –
Managing Director at AG
Horizon Pvt. Ltd.



Dr Himanshu Talwar –
Director General, Golf
Industry Association
(GIA)

PRESENTATION BY



Mr. Peter Dalkeith Scott
– CEO, PDSI Group
(Reducing Water
Demand & Sustainable
Golf Course Design)



Mr. Ayman Bataineh –
Golf Area Manager
(GCC: India), Rain Bird
International



Mr. Gareth Knight –
Senior Manager –
Irrigation & Equipment,
The Toro Company –
Global Team



Dr. Ganges Reddy –
Founder & CEO,
BlueDrop Waters

PRESENTATION BY



Mr. Chetan Yallapurkar
— Founder, Golf & Beyond Show



Mr. David Williamson —
Commercial Director,
Howardson Group Ltd.



Mr. Chester Bloomfield
— Regional Sales
Manager, Ransomes
Jacobsen Ltd.

MODERATORS



Mr. Hari Natarajan —
Co-Founder & CEO,
Teetime Ventures



Mr. Declan McCollam —
General Manager,
Prestige Golfshire Club



Mr. Aashish Vaishnava
— Golf Architect, AV Golf
Design



Mr. Vinod Goyal — CEO,
Agricare Corporation



Mr. Anit Mehrotra —
Managing Director
SGDC India Pvt Ltd



Mr. Nandan M Heblikar
— Founder, Golf Designs



PANELLISTS

Panel: Golf Tourism - Destination India



Mr. Lokesh Battaiah —
Managing Director,
Triway Travels & CEO,
Triway Vacations



Mr. Nikhil Jeet —
Managing Director, Buzz
Travel Marketing & DDP
Group



Mr. Arun Iyer —
Managing Director, My
Golf Tours

Panel: Golf Tournament Landscape in India



Mr. Amandeep Johl —
CEO, The Professional
Golf Tour of India (PGTI)



Mr. Uttam Singh Mundy
— CEO, The Indian Golf
Premier League (IGPL)



Mr. Rahul Singh — SVP,
Head of The
International Series —
LIV Golf

Panel: Fireside Chat Landscape & Aesthetics in Golf Design



Mr. Peter Dalkeith Scott
— CEO, PDSI Group



Mr. Jon Hunt — Golf
Architect, IDG UK



Mr. Paul Reeves —
Director, Pacific Coast
Design

PANELLISTS

Panel: Greens Section Workshop



Mr. Ajaz Ahmad Reshi –
Technical
Superintendent, Royal
Springs Golf Course



Mr. Ben Mclean – Golf
Course Superintendent,
Prestige Golfshire Club



**Mr. Rajamani
Venkatesh** – Course
Manager, Tamil Nadu
Golf Federation



Mr. Atul Pawar – Golf
Superintendent, Oxford
Golf Resort

Panel: Integrating Real Estate in Golf Course Planning



Mr. Austin Roach –
Chairman & Managing
Director, Clover Greens



**Mr. George
Menomparampil** –
Managing Director, Zion
Hills Gold County



Mr. Madhusudan Rao –
CFO & Head of Business
Operations, Emaar
Properties Hyderabad



Mr. Declan McCollam –
General Manager,
Prestige Golfshire Club

Panel: From Colonial Fairways to Contemporary Greens - The Legacy and Evolution of Pre Independence Golf Courses in India



**Lt. Col. Devrishi Singhal
(Retd.)** – CEO, Royal
Calcutta Golf Club



Mr. Chandra Prakash K
– Former Captain,
Bangalore Golf Club



Mr. Ajaz Ahmad Reshi –
Technical
Superintendent, Royal
Springs Golf Course



PROGRAM ITINERARY

DAY 1

Thursday, 30th October 2025

Thursday, 30th October 2025			
0830 AM ~ 0930 AM	Registration		
0930 AM ~ 1000 AM	Ribbon Cutting Ceremony & Grand Expo Inauguration		
1000 AM ~ 1030 AM	Inagural Session		
	Opening Address		Mr Anirudha Uttam Seolekar, Chairperson, GIA
	Welcome Address		Mr Anit Mehrotra, Board Member, GIA
	Special Address		Dr NRN Reddy, Founder, The T Golf Foundation
	Guest of Honour		Mr Suman Billa, I.A.S. Additional Secretary & Director General, Ministry of Tourism
	Chief Guest		*Mr Jayesh Ranjan, I.A.S. Special Chief Secretary to Government of Telangana
	Vote of Thanks		
1030 AM ~ 1100 AM	Panel Discussion	Golf Tourism - Destination India	Moderator - Mr Hari Natarajan, Co-Founder & CEO, Teetime Ventures
			Mr Lokesh Battaiah, Managing Director, Triway Travels & CEO, Triway Vacations
			Mr Nikhil Jeet, Managing Director, Buzz Travel Marketing & DDP Group
			Mr Arun Iyer, Managing Director, My Golf Tours
1130 AM ~ 1200 PM	Power Presentation on Reducing Water demand and latest Sustainable Golf Course Design and Construction practices by Mr Peter Dalkeith Scott, CEO, PDSI Group		



PROGRAM ITINERARY

DAY 1

1200 PM ~ 1230 PM	Panel Discussion	Golf Tournament Landscape in India	Moderator - Mr Declan McCollam, General Manager, Prestige Golfshire Club
			Mr Amandeep Johl, CEO, The Professional Golf Tour of India (PGTI)
			Mr Uttam Singh Mundy, CEO, The Indian Golf Premier League (IGPL)
			Mr Rahul Singh, Svp, Head of The International Series - LIV Golf
1230 PM ~ 0100 PM	Power Presentation on The Intelligent Use of Water by Mr Ayman Bataineh, Golf Area Manager (GCC : India), Rain Bird International		
0100 PM ~ 0230 PM	Lunch		
0230 PM ~ 0300 PM	Presentation on Advanced Technologies in Turf Maintenance and Irrigation by Mr. Gareth Knight, Senior Manager – Irrigation & Equipment, The Toro Company – Global Team		
0300 PM ~ 0330 PM	Fireside Chat	Landscape & Aesthetics in Golf Design	Moderator - Mr Aashish Vaishnava, Golf Architect - AV Golf Design
			Mr Peter Dalkeith Scott, CEO, PDSI Group
			Mr Jon Hunt, Golf Architect - IDG, UK
			Mr Paul Reeves, Director, Pacific Coast Design
0330 PM ~ 0345 PM	Tea Break		
0345 PM ~ 0400 PM	Power Presentation on Making Golf Sustainable : The Net Zero Water Approach by Dr Ganges Reddy, Founder & CEO, BlueDrop Waters		
0400 PM ~ 0415 PM	Power Presentation on Digital Growth Driver for Golf in India by Mr Chetan Yallapurkar, Founder, Golf & Beyond Show		
0415 ~ 0430 PM	Valedictory Session		Mr Rakesh Sharma, Board Member, GIA
0630 PM Onwards	Awards - Recognition Ceremony and Dinner		



PROGRAM ITINERARY

DAY 2

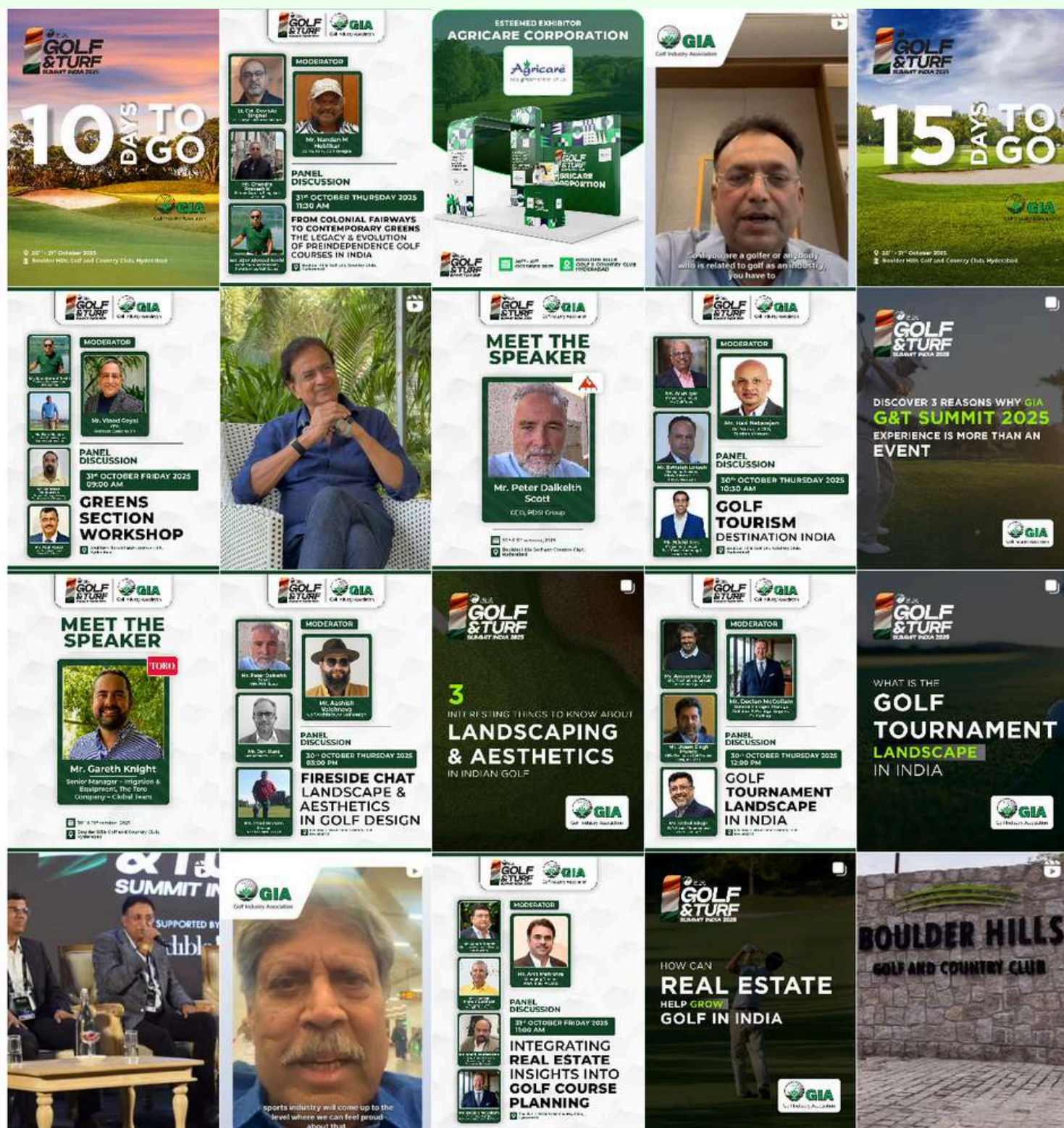
Friday, 31st October 2025

Friday, 31st October 2025			
0830 AM ~ 0900 AM	Power Presentation on Select Multipurpose Machines for Sustainable Cost by Mr David Williamson, Commercial Director, Howardson Group Ltd.		
0900 AM ~ 0945 AM	Greens Workshop		Moderator - Mr Vinod Goyal, CEO, Agricare Corporation
			Mr Ajaz Ahmad Reshi, Technical Superintendant, Royal Springs Golf Course
			Mr Ben Mclean, Golf Course Superintendant, Prestige Golfshire Club
			Mr Rajamani Venkatesh, Course Manager, Tamil Nadu Golf Federation
			Mr Atul Pawar, Golf Superintendent, Oxford Golf Resort
0945 AM ~ 1000 AM	Tea Break		
1000 AM ~ 1030 AM	Presentation on Setting up Cutting Units by Mr. Gareth Knight, Senior Manager – Irrigation & Equipment, The Toro Company – Global Team		
1030 AM ~ 1100 AM	Power Presentation by Mr. Chester Bloomfield, Regional Sales Manager, Ransomes Jacobsen Ltd.		
1100 AM ~ 1130 AM	Panel Discussion	Integrating Real Estate Insights into Golf Course Planning	Moderator - Mr Anit Mehrotra, Managing Director SGDC India Pvt Ltd
			Mr Austin Roach, Chairman & Managing Director, Clover Greens
			Mr George Menomparampil, Managing Director, Zion Hills Gold County
			Mr Madhusudan Rao, CFO & Head of Business Operations Emaar Properties Hyderabad
			Mr Declan McCollam, General Manager, Prestige Golfshire Club
1130 AM ~ 1200 PM	Panel Discussion	From Colonial Fairways to Contemporary Greens: The Legacy and Evolution of Pre-Independence Golf Courses in India	Moderator - Mr Nandan M Heblkar, Founder, Golf Designs
			Lt. Col. Devrishi Singhal (Retd.), CEO, Royal Calcutta Golf Club
			Mr Chandra Prakash K, Former Captain, Bangalore Golf Club
			Mr Ajaz Ahmad Reshi, Technical Superintendant, Royal Springs Golf Course
1200 PM	Vote of Thanks & Exhibition Open to Public		Dr Himanshu Talwar, Director General, GIA

SOCIAL MEDIA HIGHLIGHTS: BUILDING MOMENTUM FOR THE 12TH EDITION

In the lead-up to the 12th Edition GIA Golf & Turf Summit 2025, our digital platforms have been buzzing with excitement, insights, and voices from across the golf industry.

Here's a look at some of the standout moments, announcements, and creative highlights that captured the community's attention – all driving towards a Bigger, Bolder, and Greener Summit.



STRIKE THE IRON WHEN IT'S HOT – THE TIME FOR GOLF TOURISM IN INDIA IS NOW!

They say, "Strike the iron when it's hot." That perfectly describes the moment Indian golf tourism finds itself in today.

With the successful hosting of the DP World Tour in Delhi, India has once again proven its capability to stage world-class golf events. This is the biggest golf event in the History of India. The presence of top international professionals & like Rory McIlroy, Tommy Fleetwood, Shane Lowry, Keita Nakajima, Viktor Hovland, Luke Donald, Ben Griffin and other Ryder cup stars not only elevated the standard of the tournament but also shone a spotlight on India's beautiful golf courses and hospitality.



Such exposure provides India with an unparalleled opportunity – to position itself as a premier golf tourism destination on the global map. Now is the time to give golf tourism the much-needed push it deserves.

A Call to Action for the Ministry of Tourism

The Ministry of Tourism (MOT) can play a pivotal role by appointing a Golf Tourism Ambassador for India – someone who embodies the sport's spirit and can promote India's golf tourism potential globally. Even our own Indian Professionals playing this DP World tournament can be contracted as a team to promote Golf Tourism to India.

Testimonials from Pros.

Imagine short video bytes or endorsements from top professionals expressing how much they enjoyed Indian hospitality, courses, Cuisine and culture – saying they look forward to coming back. These authentic testimonials could serve as powerful marketing tools, resonating with international audiences.

Yes, such initiatives may come with a cost – but the returns will be measured in increased golf tourism arrivals, enhanced brand perception, and higher revenue for both golf courses and the broader tourism ecosystem.

Rebuilding the Momentum Post-COVID

After the closure of India's overseas tourism offices post-COVID, much of the responsibility for promoting inbound golf tourism has fallen on tour operators. The absence of dedicated government funding has been a setback.

However, it's encouraging to know that the Ministry of Tourism is now working closely with travel and tourism associations and federations on a renewed strategy. We remain hopeful that this roadmap will include a dedicated plan to promote golf tourism – possibly culminating in an International Golf Tourism Expo in India.

A Five-Year Roadmap for Growth

Building a strong golf tourism ecosystem is not an overnight process. It requires persistence, collaboration, and alignment between golf courses, tour operators, and government bodies.

Golf courses across India have an incredible opportunity – to fill their weekday empty tee-off slots with international vacationing golfers, turning downtime into revenue. Every round played by a visiting golfer translates into economic impact across hotels, transportation, dining, and local tourism.

This is a wake-up call for everyone in the golf and tourism industry to come together, harness this momentum, and make India a global name in golf tourism.

The time is now. Let's strike the iron while it's hot.
Incredible India! Play Golf here anytime of the year.

By Arun Iyer- Mg. Director My Golf Tours,
Committee Member Golf Industry Association
Hon. Secretary. Travel Agents Federation of India - WI



THE STRATEGIC ADVANTAGE OF ONE - STOP SOLUTION PROVIDERS IN GOLF COURSE MANAGEMENT

Why comprehensive service partnerships are becoming essential for operational excellence and competitive advantage

India's golf industry is experiencing remarkable growth, with new courses emerging across the country and existing facilities upgrading to international standards. As the sector matures, successful golf course operators are discovering that their choice of service partners can significantly impact operational efficiency, cost management and ultimately, the quality of golfer experience.

The traditional approach of sourcing equipment, services and expertise from multiple vendors is giving way to a more strategic model: partnering with comprehensive solution providers who can address all aspects of golf course infrastructure and maintenance needs.



The Case for Integrated Solutions

Modern golf course management involves complex, interconnected systems that require seamless coordination. From irrigation technology that must integrate with turf equipment schedules, to power systems that support both golf cars and maintenance operations, fragmented vendor relationships often create inefficiencies that impact both costs and performance.

Consider the challenges facing today's golf course managers: water conservation requirements, equipment downtime management, seasonal maintenance planning, and consistent service quality across all

operational areas. Each of these challenges becomes more manageable when addressed through integrated solutions rather than isolated vendor relationships.

Pioneer Partnership: The IPI Model

IPI - Irrigation Products International - exemplifies how comprehensive solution providers are transforming golf course operations across India. As pioneers in the golf industry, IPI has evolved from equipment supplier to complete solution partner, earning TORO's prestigious "Partners in Excellence" award for consecutive years - recognition that validates their standards in ethics, customer satisfaction and financial stability.

Construction and Renovation Excellence From championship course construction to heritage course renovations, comprehensive providers bring integrated expertise that ensures all systems work harmoniously. IPI's construction division combines international techniques with understanding of India's unique climatic conditions, thanks to in-house expertise backed by international partnerships.



GOLF COURSE CONSTRUCTION



Advanced Irrigation Solutions TORO's automated irrigation systems, demonstrate how technology partnerships benefit golf courses. These systems reduce water consumption by up to 30% while ensuring optimal turf health—particularly crucial given India's diverse climate zones and water conservation focus. Weather-based controllers and soil moisture sensors enable remote monitoring and automatic adjustments.

Professional Equipment Portfolio Access to TORO's complete range of turf equipment through a single partner ensures compatibility and optimized performance. From precision greens mowers to large-scale fairway units, integrated equipment solutions, performance monitoring and maintenance scheduling systems that help optimize operations while reducing costs.

The Service Excellence Difference

What truly distinguishes comprehensive solution providers is their after-sales management efficiency. IPI's experienced, well-trained service engineers undergo rigorous domestic and international training programs, ensuring technical expertise across all equipment types. Their strategic inventory of genuine parts across India means equipment downtime is minimized—a critical factor for maintaining course conditions and golfer satisfaction.

This service approach delivers measurable benefits:

- Quick response times prevent minor issues from becoming major disruptions
- Genuine parts and expert service maximize equipment lifecycle value
- Transparent pricing and maintenance scheduling enable predictable budgeting
- Technical knowledge transfer enhances overall course management capabilities



**REAL PEOPLE
MEANS
REAL SUPPORT**



Complete Infrastructure Solutions

Mobility and Power Systems Beyond turf management, comprehensive providers address all facility power needs. IPI's partnerships with Trojan and OEM Batteries ensure reliable power solutions for golf cars, maintenance equipment, utility vehicles, and emergency systems. Professional installation, maintenance scheduling, and replacement planning optimize both performance and cost-effectiveness.

Flexible Rental Programs Recognizing significant capital requirements, innovative rental programs make professional-grade equipment accessible to courses of all sizes. These programs support seasonal needs, emergency situations, equipment trials, and startup operations while ensuring access to latest technology without full capital commitment.

The Strategic Advantage

The benefits of comprehensive solution partnerships extend beyond operational efficiency:

- **Risk Mitigation:** Financial stability guarantees like TORO's Partners in Excellence award provide assurance that long-term commitments will be honoured, rental programs sustained, and major projects completed successfully.
- **Innovation Access:** Direct relationships with global manufacturers ensure early access to technological advances and industry best practices.
- **Scalability:** As courses expand or upgrade, established partnerships enable seamless scaling of systems and services.
- **Competitive Differentiation:** Superior operational efficiency and reduced downtime translate directly into better course conditions and enhanced golfer experience.



Looking Forward

As India's golf industry continues expanding and competing internationally, operational excellence becomes increasingly critical for success. The courses that thrive will be those that recognize the strategic value of comprehensive solution partnerships—relationships that go beyond vendor transactions to become foundations for sustained excellence. The evolution from fragmented supplier relationships to integrated solution partnerships represents more than operational efficiency; it's about positioning for long-term success in an increasingly competitive market. For golf course operators serious about achieving and maintaining international standards, the question isn't whether to embrace this partnership model, but which comprehensive provider can best support their vision of excellence. In an industry where every detail impacts the golfer experience, having a single, trusted partner who can ensure all systems work in harmony isn't just convenient—it's strategically essential.

Regards,
Ravi Garyali
Managing Director at Irrigation Products Intl Ltd



ROLE OF ELEMENTAL SULPHUR IN LOWERING PH OF SOILS IN TURF

Maintaining optimal soil pH is essential for healthy turfgrass growth, nutrient uptake, and overall turf performance. Elemental sulphur (S₀) is widely used to acidify alkaline soils, improve nutrient availability, and enhance turf quality. Its effectiveness is maximized when combined with needle coring (venting), which improves aeration and microbial activity in the rootzone.

In turf management, elemental sulfur (S₀) is frequently used to maintain the right soil pH which is essential for the growth of healthy turfgrass, or to acidify alkaline soils. Its effectiveness is maximized when combined



with needle coring (venting), which improves aeration and microbial activity in the rootzone.

1. Mechanism of Action

Elemental sulphur itself is not acidic; instead, it lowers soil pH through microbial oxidation. Soil bacteria, such as *Thiobacillus* spp., convert sulphur into sulphuric acid, resulting in a decrease in pH: $S_0 + O_2 + H_2O \rightarrow H_2SO_4$ (via bacteria)

2. Effect of S on Soil pH

- Alkaline Soils (high pH): The addition of sulphur leads to a decrease in pH and an increase in nutrient availability, making the soil more suitable for turf.
- Acidic Soils (low pH): Not advisable, as it can further lower pH and harm the turf. Turfgrass thrives best at a slightly acidic to neutral pH (around 6.0–7.0) for optimal nutrient uptake.
- Turfgrass generally prefers a slightly acidic to neutral pH (around 6.0–7.0) for optimal nutrient uptake.

3. Factors Affecting pH Reduction

The efficiency of elemental sulfur depends on several factors:

Factor	Effect
• Soil texture	• Sandy soils acidify faster than clay soils due to lower buffering capacity.
• Soil moisture	• Adequate moisture is needed for bacterial activity.
• Temperature	• Higher temperatures increase microbial oxidation rates.
• Particle size	• Finer sulfur powder oxidizes faster than granules.
• Soil organic matter	• High organic matter can slightly buffer pH changes.

4. Application Considerations in Turf

- Rate: Based on soil testing, typically 1–5 kg S₀ per 100 m² per season, depending on desired pH change.
- Timing: Best applied in spring or fall for optimal microbial activity.
- Incorporation: Lightly incorporate into soil for faster oxidation; surface application works but is slower.
- Monitoring: Soil pH should be checked periodically; acidification is gradual (may take weeks to months).

5. Benefits for Turf

- Increases availability of micronutrients like iron (Fe), manganese (Mn), and phosphorus (P), which are more soluble at lower pH.
- Promotes healthier root systems, denser growth, and improved turf color. •Reduces localized high pH "hot spots" in irrigated areas, promoting uniform turf health.

6. Points to be taken care

- Usage of nely ground, 100% pure elemental sulphur is highly recommended in order to maximize surface area for microbial oxidation and expedite the pH lowering effect.
- Over-usage should be avoided as it may cause excessive acidification impairing turf root growth and microbial activity.
- Applications should be performed several months before planting or sodding, with periodic monitoring of soil pH to guide subsequent treatments.

7. Combining needle coring with S application

Needle coring is a minimally disruptive aeration method that creates vertical channels in the turf. When combined with sulphur application, it enhances effectiveness by improving aeration, microbial activity, and sulphur distribution in the soil. Applying elemental sulphur right after needle coring allows for quicker and deeper pH correction, as the open channels facilitate interaction with a larger soil volume and active microbial communities. This approach offers a sustainable and gradual method for correcting alkaline soils and maintaining high-quality turf.

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8. Summary

Elemental sulphur acts as a slow-acting biological acidifier in turf soils. Its effectiveness depends on soil texture, moisture, temperature, particle size, and aeration. When integrated with needle coring, sulphur distributes evenly, oxidizes more efficiently, and lowers pH faster, improving nutrient availability, root growth, and overall turf quality. This combined approach provides a sustainable and gradual solution for correcting alkaline soils and maintaining high-quality turfgrass surfaces.

Regards,
Vinod Goyal
CEO, Agricare Corporation



THE GROWTH OF GOLF IN INDIA: UNLOCKING POTENTIAL THROUGH INFRASTRUCTURE AND ACCESS

I am a U.S.-based entrepreneur engaged in the ownership, operation, and expansion of a network of indoor entertainment centers with a particular focus on indoor golf simulation. Through our venture, Five Iron Golf India, we aspire to introduce and scale this concept across the country. Having spent more than six months each year in India, I have developed a deep appreciation for its culture, business environment, and enthusiasm for sport—both through prior professional experiences and now through this exciting initiative.



During my attendance at the DP World India Championship at the Delhi Golf Club, I noted the discourse surrounding the limited presence of Indian golfers at the top of the leaderboard. Given the advantage of local conditions—narrow fairways, dense rough, and challenging bunker complexes—one might naturally expect a stronger showing by Indian professionals. While the sentiment of frustration is understandable, it should not be directed toward the dedicated and hardworking Indian touring professionals. Rather, it reflects deeper systemic and infrastructural challenges facing the development of golf in India.

India's professional golfers are products of a limited ecosystem, constrained by insufficient access to golf courses and training infrastructure. The country hosts approximately 250 golf courses, of which perhaps only half are fully open to the public. This scarcity restricts the number of individuals who can take up the sport, let alone pursue it seriously or at a competitive level. While diligence and commitment are essential, the progression of any athlete also depends on consistent practice, varied competitive exposure, and a supportive development environment.

Although India possesses a rich and historic association with the game of golf, its supporting infrastructure—from agronomy and course management to junior programs, coaching academies, and professional competition—lags significantly behind global standards. Until this disparity is addressed, the emergence of Indian golfers on the international stage will remain limited. Ultimately, this is a matter of scale: a broader base of participants introduced to the game at younger ages, supported by well-developed infrastructure, is essential to driving national growth and global competitiveness in the sport.

India's demographic profile and enthusiasm for sports position it well for success. However, access remains the fundamental challenge in golf's development. A concerted effort by both the public and private sectors is required to open the market and promote investment in golf-related infrastructure. In Western markets such as Europe and the United States, golf has evolved into a mature and vibrant commercial industry—supported by celebrated tournaments like the Masters, PGA Championship, British Open, and U.S. Open, as well as a robust calendar of tour events that drive engagement and economic activity year-round.

Golf represents more than a recreational pastime; it is a lifelong sport and a catalyst for economic growth, tourism, and social engagement. The Indian government, in collaboration with industry stakeholders, has the opportunity to cultivate this potential and establish golf as a significant contributor to the nation's sporting and commercial landscape. Until such coordinated efforts are realized, the growth of golf in India will remain incremental, sensitive to economic fluctuations, and constrained by the limited pace of course and infrastructure development.

Regards,

Gregg Hayden

Chairman, Five Iron Golf India



KEY INSIGHTS FROM GOLF ARCHITECTURE EXPERIENCE

Over the years, Jon & I have realized that golf isn't just a sport—it's an entire ecosystem that can transform real estate, communities, and lifestyles. One major insight is the shift toward shorter, more inclusive formats. Traditional 18-hole courses are timeless, but in a fast-paced world, especially in developing markets like India, nine-hole executive or par-3 courses (requiring just 15-30 acres) make the game approachable for beginners, women, children, and seniors. They cut play time to 1-1.5 hours, reduce water usage by up to 85% in arid regions, and lower development costs from Rs 50 crore to as little as Rs 5 crore. Projects like our desert course in Abu Dhabi, uses only 40-50% of the water of conventional designs, highlight how adapting to local climates and constraints can create golfer-friendly layouts without compromising challenge or enjoyment.



Another insight is the power of integrating golf with real estate. In our work with top real estate developers worldwide, we have seen how a well-placed golf facility can add 40-50% premium to property values, fulfil green space mandates, and attract buyers seeking lifestyle amenities. Globally, golf drives \$2.3 billion in events and appeals to 100+ million players, but in India—with only about 350+ courses for a growing middle class—we need to aim for 90-100 more to reach 500,000 players. This integration isn't just economic; it's about creating sustainable townships where golf fosters community, health, and environmental benefits, like water purification and biodiversity through turfgrass.

Sustainability has been a game-changer. Golf courses can be eco-heroes if designed right—using undesirable land like floodplains, purifying air (a single 40x50 ft patch produces enough oxygen for one person annually), and controlling erosion. In tropical or arid areas, opting for warm-season grasses like Bermuda or Seashore Paspalum saves water and maintenance, while cool-season varieties like Bentgrass suit shadier, cooler spots.

Our design philosophy revolves around the "Three P's": Playability (strategic challenges for all skill levels with multiple tees and landing areas), Pulchritude (aesthetic harmony with natural terrain for memorable views), and Practicality (efficient maintenance through features like contour mowing and fertigation).

Here's how we apply them:

- A. Always start with a thorough feasibility study—assess population within a 20-mile radius, competition, environmental impacts, and financial projections. For instance, in urban settings, incorporate safety nets, clear signage, and innovative bunkers that are visually appealing but easy to rake. Use 3D modeling and GPS for precision.
- B. Minimize earth movement to reduce costs and erosion—route holes around natural features. Use electric mowers (halving fuel use), growth regulators (cutting mowing by 30%), and integrated pest management with organic fertilizers. For irrigation, build reservoirs for rainwater harvesting and precision systems. In renovations, phase work to avoid disruption, balancing tradition with modern upgrades like better drainage.
- C. Every course benefits from a driving range (200-300 yards long with targets) and short-game areas. Add ball tracking technology for engagement, and consider night lighting (with berm-mounted fixtures to minimize light spill) since 60-70% of practice happens after 5 PM. For real estate tie-ins, include clubhouses with panoramic views, fitness centers, or even fishing lodges to boost membership.
- D. Design for masses, not elites—keep greens well-maintained but fees reasonable. Promote formats like "tee-it-forward" or three-club rules for faster play. In India, where labour is affordable but water scarce, focus on low-maintenance roughs that brown naturally, saving resources.

We have applied these in our projects, from championship courses for tournaments to resort layouts emphasizing aesthetics and tourism.

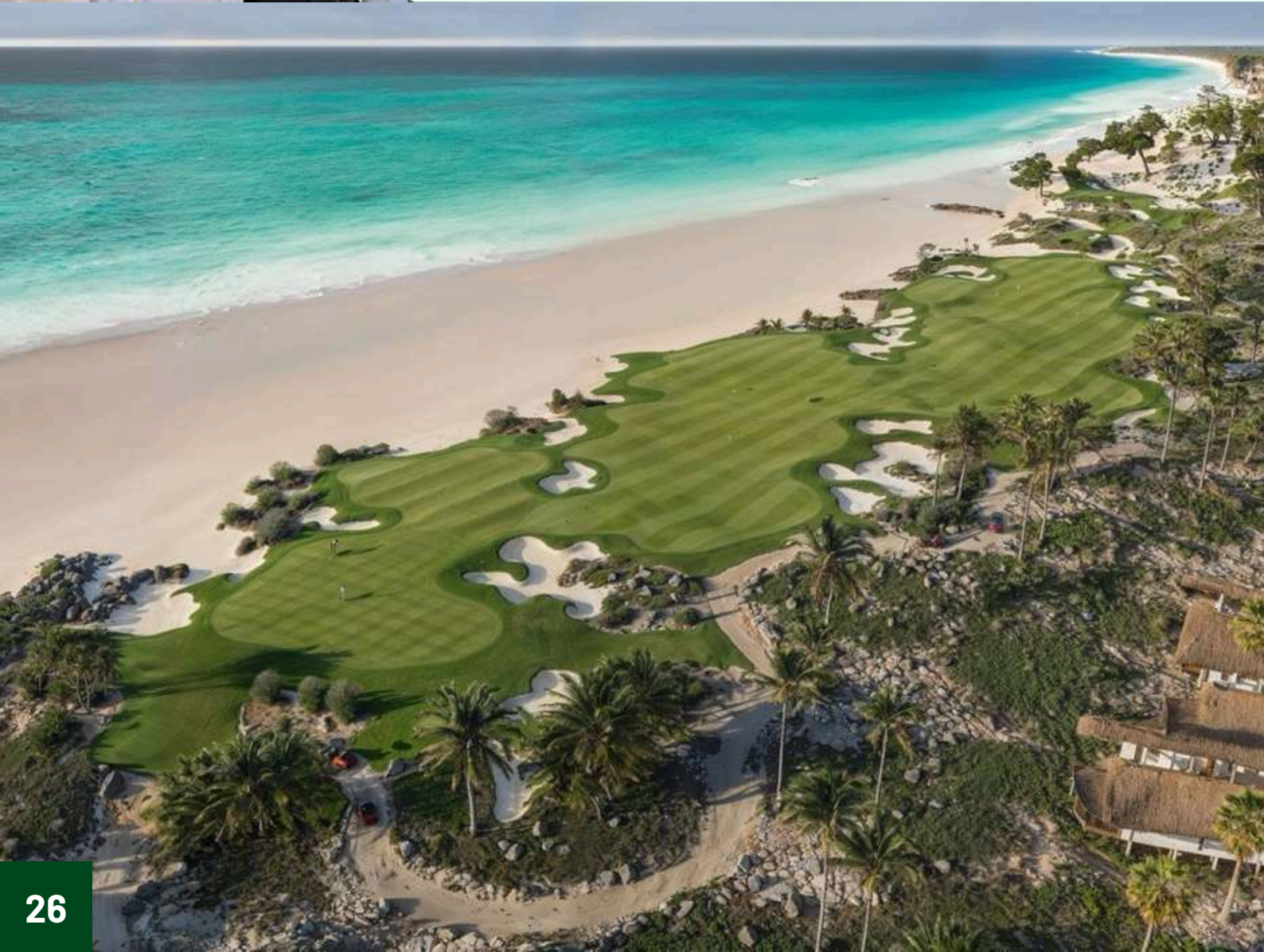
Early on, We learned that no two projects are alike—diversity keeps the work exciting, but it demands adaptability. For example, rushing conceptualization without end-goal alignment led to costly revisions in one early project; now, We always plan with sustainability and ROI in mind. Golf has taught us life lessons like patience, integrity, and long-term thinking—skills that translate to business, where consistent daily efforts over years build success.

Real estate developers want to maximize sellable space, but a great golf course needs breathing room. By funding courses through surrounding properties, we've created win-wins, like in our 200-acre sustainable township in Ahmedabad. Environmental pushback taught us to prioritize native landscaping and wildlife corridors upfront, turning potential hurdles into strengths.

If you'd like to dive deeper into a specific project or aspect, such as sustainable golf design or real estate integration, just let us know—we are always happy to Add Value!



Regards,
Aashish Vaishnava & Jon Hunt
(Golf Course Architects)



THE WATER SOLUTION GOLF COURSES NEED NOW: STORAGE AND SELF-RELIANCE

The Hidden Metric

Every golf course knows how much it pumps, irrigates, or pays for water. Few know how much water they actually have in storage at any point. That single number determines whether a course is sustainable or simply surviving.

Storage is the quiet foundation of water security. It allows a golf course to look lush and playable—not by consuming more, but by conserving better.

Why Borewells Need a Break

North India has lost 450 km³ of groundwater since 2002. Bore wells that once yielded freely now run dry by May. This is unsustainable—for the aquifer and for course operations.



Storage changes this. A course with adequate surface storage reduces bore dependence by 60-70%. The bore gets relief. The aquifer gets time to recharge. The course stays resilient year-round.

Currently, many golf course lakes are ornamental or overflow by design—not planning. Yet every cubic meter stored is a tonne of aquifer stress avoided. This is the core logic behind the 30% Rule.

The 30% Rule: A Readiness Benchmark

A resilient golf course should store at least 30% of its annual water requirement within its own boundaries—across lakes, ponds, and recharge basins.

If a course uses 1 million cubic meters annually, it should ideally hold around 300,000 cubic meters of live storage. This 30% rule is not regulation. It's a readiness benchmark—a simple metric that tells course managers how close they are to true water independence.

It protects against monsoon failure, groundwater stress, regulatory restrictions, cost volatility, and operational fragility.

How Much Space?

As a design guideline, 5-7% of total course area should serve as active water storage through ponds, lakes, or recharge zones. On an 80-100 hectare course, this translates to 4-7 hectares of storage. The key insight: deepening existing lakes rather than expand surface area. Deepening a 2-hectare lake by 1.5 meters adds capacity equal to a new pond—at a fraction of the cost. Undulating terrain allows for cascading basins instead of one large lake, maintaining aesthetics while building resilience.

Redesigning Lakes: From Ornamental to Operational

Most golf course lakes are designed for beauty or flood control—not active water storage. Strategic redesign transforms them:

- Re-contouring: Increasing depth by 1-2 meters doubles storage capacity without expanding footprint.
- Gravity-linked cascades: Interconnected systems where water flows downhill through multiple retention points, maximizing hold time.
- Sedimentation zones: Natural settling areas reduce silt buildup and maintain efficiency over decades.
- Rainwater capture: Roof runoff from clubhouses and sheds yields 25,000+ liters per monsoon season.
- Recharge pits: Controlled infiltration into aquifers extends recharge beyond monsoon, building groundwater reserves.

Innovation in Storage

Storage design is evolving. Forward-thinking courses now combine underground tanks, rain gardens, aquifer recharge pits, and recycled-water systems to build multi-source resilience. This hybrid approach ensures that no single source becomes critical—and that water security outlasts any single crisis.

The Heartbeat of Resilience

Golf sustainability will not come from sensors, automation, or better sprinklers alone. It will come from how intelligently a course manages the rain it already receives.

Storage is not passive infrastructure. It is the heartbeat of resilience. When we see lakes, ponds, and recharge basins as living water capital—not just amenities—we design not just for irrigation, but for endurance.

The GIA member courses that ask “How much water do we hold?” first—and invest accordingly—will define the next decade of golf in India.

This is not about building new lakes. It’s about understanding the ponds you have, knowing their capacity, and maximizing their function.

Storage is the New Sustainability. Not because it is trendy, but because it is essential.



Regards,
Dr. Vijay Kanda
Water Resilience Strategist,
BlueDrop Waters



KARMA LAKELANDS SETS A NEW BENCHMARK WITH DELHI NCR'S FIRST HIGH-TECH GOLF SIMULATOR

A first-of-its-kind lounge where technology, sport, and luxury converge seamlessly

Karma Lakelands, India's celebrated eco-resort, has once again redefined luxury golf experiences with the launch of two exciting milestones, the inaugural Karma Lakelands Golf League (KLGL) and Delhi NCR's first high-tech Golf Simulator Lounge. Together, they signal a new era in contemporary golfing, combining competition, technology, and lifestyle in one immersive destination.

The Karma Lakelands Golf League, which teed off on October 25th, 2025 is a premium, team-based amateur league that celebrates both sport and camaraderie. Featuring eight rounds spread over three

months, the tournament will culminate with an 18-hole Match Play finale and a grand Gala Dinner on December 13th. With afternoon tee-offs, Stableford scoring, match play and a vibrant social calendar, KLGL promises to become the most anticipated event on the region's golfing scene.

Guests at the launch were also treated to an exclusive preview of the Golf Simulator Lounge, an elegant new space that merges performance with leisure. Powered by advanced simulation technology, it allows golfers to practice, play, and perfect their swing across world-famous courses, all year round and in any weather. Enhanced by chic interiors, gourmet bites, and curated beverages, the lounge creates an inviting atmosphere for relaxation, conversation, and community.

"The Golf Simulator Lounge is a milestone for us," shared Aryadev Khurana, Vice President, Karma Lakelands. "It reflects our vision of merging sport with lifestyle in a sophisticated, technology-driven environment."

Set amid 270 acres of greenery in Gurgaon, Karma Lakelands continues to champion sustainability and innovation, offering guests a haven where luxury, responsibility, and recreation exist in perfect harmony.

Regards,
Ashwani Khurana
Founder & CEO (Chief Eternal Optimist), Karma Lakelands



The DP World India Championship was held from Oct 16-19 at the historic Delhi Golf Club. It is the largest golf tournament to have taken place in India to date, attracting the world's top players such as Rory McIlroy, Tommy Fleetwood, Viktor Hovland, etc. Club Car is the Global Partner of the DP World Tour. A fleet of 20 new Club Car golf cars were purchased by DGC specially for the event. Club Car delivers reliable performance and operational excellence from tee to green.

DELHI GOLF CLUB

INDIA



DP WORLD
TOUR



Club Car



Jacobsen and SGDC are proud to announce their first delivery to JayPee Group, where Walk Behind Green Mowers, Fairway Mowers, Triplex Mowers, and Ride-on Green Mowers have been supplied for their two world-class golf courses — JP Wishtown Noida and JP Greens, Greater Noida.

Both teams are delighted to support the maintenance of these premium golf destinations in the National Capital Region, ensuring superior turf quality and exceptional playing conditions.

JACOBSEN®



NEW MACHINERY DELIVERY

PRESTIGE GOLFSHIRE BENGALURU

WIEDENMANN TERRA SPIKE GXI6

Prestige Golfshire, one of India's most celebrated championship golf courses, has set a new benchmark in course management by becoming the first in the country to introduce the Wiedenmann Terra Spike GXi-6, delivered by SGDC India. This landmark achievement highlights Prestige Golfshire's dedication to maintaining world-class playing standards and reinforcing its status as a premier golfing destination.

Nestled at the foothills of Nandi Hills, Prestige Golfshire is renowned for its immaculate fairways, pristine greens, and luxury-driven golfing experience. With the addition of the Terra Spike GXi-6 an advanced deep aeration system recognized globally for its precision and efficiency—the course will further elevate turf health, root strength, and overall playability. The machine ensures deep compaction relief with minimal surface disruption, keeping the course in tournament-ready condition year-round.

Wiedenmann

A photograph of a Wiedenmann Terra Spike GXi6 machine on a golf course. The machine is red and blue, with a large yellow wheel. The background shows a green golf course with trees in the distance.



NEW MACHINERY DELIVERY

ROYAL SPRINGS GOLF CLUB SRINAGAR
WIEDENMANN TERRA SPIKE GXI6

Royal Springs Golf Club, Srinagar, Kashmir, one of India's most picturesque and prestigious golf courses, has set a new benchmark in course management by becoming the first in the region to introduce the Wiedenmann Terra Spike GXi-6, delivered by SGDC India. This landmark achievement underscores Royal Springs Golf Club's commitment to maintaining world-class playing conditions and reinforcing its reputation as a premier golfing destination in the Himalayas.

Situated along the foothills of the Zabarwan Range with stunning views of Dal Lake, Royal Springs Golf Club is celebrated for its pristine fairways, lush greens, and serene natural surroundings. With the addition of the Terra Spike GXi-6—an advanced deep-aeration system globally acclaimed for its precision and efficiency—the course will further enhance turf vitality, root strength, and overall playability.

The bottom section of the image features a wide-angle shot of a lush green golf course under a bright sky. In the foreground, a red Wiedenmann Terra Spike GXi6 machine is positioned on the grass. The Wiedenmann logo, a stylized diamond shape, is placed to the left of the brand name "Wiedenmann" in a large, white, sans-serif font.

 **Wiedenmann**



Golf Industry Association

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- **Youtube:** <https://www.youtube.com/@GolfIndustryAssociation>

