



What's up SPA!



Dear all,

The response to our first edition was truly overwhelming — and honestly, a little humbling. Many messages poured in from our colleagues many of whom said it was the first time they had seen the full breadth of what SPA does, all in one place. That, in itself, told us everything we needed to know about why this newsletter matters.

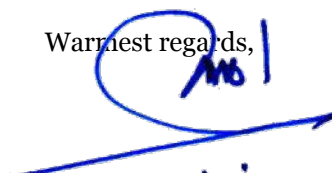
What'sup SPA! was never meant to be just a company bulletin. It is our attempt to tell the real story of our studios — the people behind the projects, the thinking behind the design, the hard work that happens on site before a single photograph is taken. It is for our Architect who stays in late to get the presentation right, the Engineer who travels all night and showing up to the office on time the next day, and and the Interior Designers always showing off their graphics and renderings. It is for all of you.

With every edition, we want to get better — sharper stories, richer projects, more of the moments that make SPA what it is. And to do that, we need your help.

If you have a story worth telling, a photo worth sharing, an idea worth exploring, or simply a thought on how we can make this newsletter better — we want to hear from you. Write to us, stop by, or drop a note. This newsletter belongs to us all, and the best editions will be the ones shaped by all of you.

Here's to Edition 2 — and to many more ahead.

Warmest regards,



Amol Prabhu,
Partner, SPA

Studio Spotlight



1,2 - Celebrations This Month

Winning the fiercely contested design competition for the Visvesvaraya National Institute of Technology (VNIT) in Nagpur was a huge achievement for Shashi Prabhu and Associates — but the real story is how we got there: weeks of relentless work, many sleepless nights, and a generous sprinkling of promises made by our Team Leaders to their subordinates that history conveniently forgot they were ever made - Team Outing, Extra Leaves and Biryani for the whole team were promised in the heat of competition.

Well, **WE WON.** 🎉

The masterplan, led by the Mumbai team under **Enakshree Bhatia**, and the Architectural design, led by the Pune team under **Amrita Parkar**, came together in a genuinely impressive cross-office collaboration. And in a true twist of plot, the biryani was quickly forgotten and the extra leaves turned into routine overtime. 😊 We did manage though to organise a well deserved cake-cutting ceremony — held simultaneously across both offices and synced over video call!

A huge shoutout to every single hand across both offices that made this win possible.

3- Saturday afternoon at Ambernath Indoor Stadium

Caught on camera: our architectural team of **Dipesh Dicholkar, Jinay Sampat** and **Swapnil Gharat**, deep in what appears to be a profound architectural discussion at the Ambernath Indoor Stadium site. In reality, all they are deciding was their lunch menu - a daunting choice between Misal Pav and Veg Thali — while irritatingly bothered why Asana shows a fresh batch of RFI's every single day.

Behind them, blissfully unaware, the actual building continues to rise from the ground. The project

has now reached an exciting milestone — installation of the standing seam metal roofing system over the primary MS Steel roof trusses. These long-span trusses are seated atop gigantic RCC columns positioned around the perimeter, engineered to support a clear, column-less arena spanning 60m x 90m — a scale that demands careful load transfer, precise truss camber, and accurate dimensional tolerances to ensure the entire roof structure behaves as a single, stable system under wind and dead loads.

A clear-span structure of this scale is no small engineering feat — and watching the roof take final shape over it is a genuine sight to behold. Lunch menu notwithstanding!

4. Interior Design meet Mechanical Batch:

At the commissioning stage of the Bhagwati Hospital project, our Interior Designers were spotted staring at a chiller plant with the particular expression of someone realising their entire 3-year degree never once mentioned the word "condenser." Somewhere between the pipes and the pressure gauges, you could hear them questioning their career choice that led them here — "should I have studied Mechanical Engineering?"

We believe our designers should appreciate every aspect of the spaces they create, not just the ones they get to make look pretty on a mood board. Seen bravely nodding along are Interior Designers **Pratik Chendvankar, Pooja Pendnekar** and **Bhagwati Jaat**, receiving a crash course in mechanical systems from our engineer **Vinayak Sonavane** — who, to his credit, explained chiller plants with the patience of a man who has done this before and will, undoubtedly, do it again.

No interior designer was harmed in the making of this article. Their egos, however, took a tiny hit.



5,6- Casting of Statue Pedestal

We are thrilled to announce a major milestone at the Dr. Babasaheb Ambedkar Memorial project — the casting of the statue pedestal is officially complete! The pedestal forms the structural foundation for the memorial's centrepiece — the bronze-clad "Statue of Equality," standing 350 feet tall and placed atop a 100-foot pedestal, bringing the monument's total height to 450 feet — making it the third tallest statue in the world.

The base is engineered to safely capture the immense dead load and dynamic wind forces generated by a structure of this scale, requiring precision reinforcement detailing, high-grade concrete mix design, and rigorous quality control at every stage of the pour to ensure structural integrity and long-term durability. The statue itself has been designed for a 100-year life using advanced structural systems — a scale of engineering ambition matched by the rigour demanded at every stage below it, including the pedestal we have just completed.

Above the pedestal, over 1,395 metric tonnes of structural steel and 155 metric tonnes of baseplates will carry the statue's outer skin — a planned 10,510 square metres of bronze panelling that will give the monument its final, iconic form.

In the frame is our senior team comprising of Project Manager **Er. Kunal Mehta** and Team Leader **Er. Atul Kawtikwar**, alongside officials from MMRDA, during a detailed inspection of the completed pedestal — reviewing reinforcement cover, surface finish, and curing conditions ahead of the next construction phase.

A big thank you to the entire team for their hard work, rigorous coordination and dedication in bringing this landmark closer to reality.

Our Sr. Project Manager, **Pradeep Nalge**, and Sr. MEP Engineer, **Deepak Ghuge**, were seen briefing Hon'ble Member of Parliament Shri Piyush Goyal on the planning and operational approach for Bhagwati Hospital, Borivali—a kind of Tuesday afternoon that, at many other firms, might involve weeks of preparation and a few rehearsal presentations.

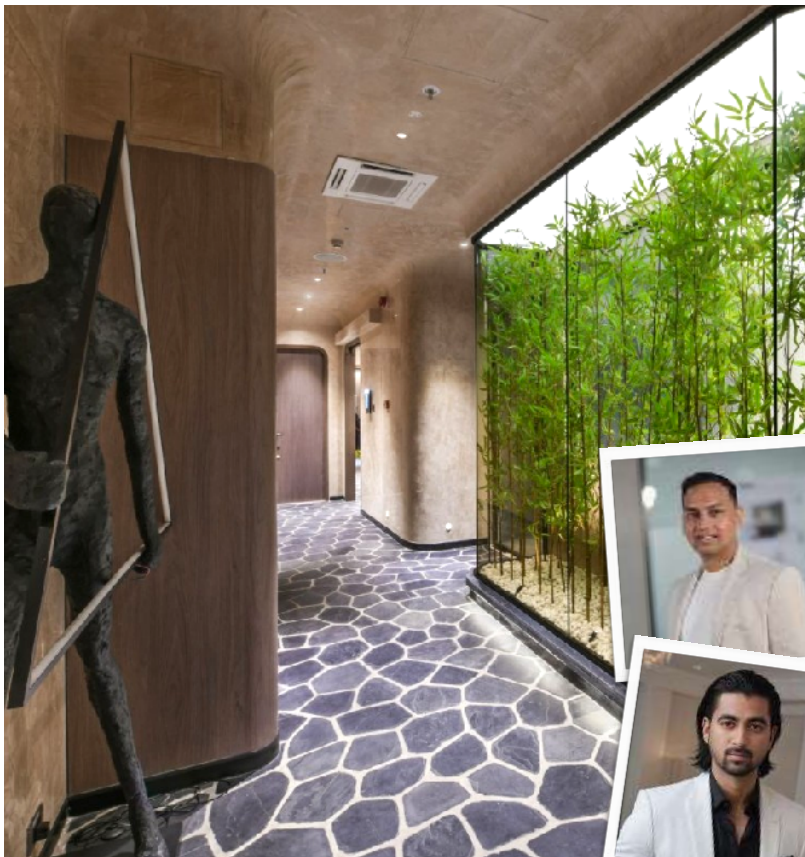
At SPA, it's simply a part of our routine job.

Working on projects of civic importance means our teams often find themselves discussing floor plans, MEP systems and site progress with ministers, members of parliament, commissioners and other important decision-makers—sometimes amidst reinforcement cages and muddy construction sites. It is a reminder that architecture is as much about communication and collaboration as it is about design.

The interaction underscored the importance of collaborative, patient-centric healthcare planning—a principle at the heart of SPA's approach to public health infrastructure. At Shashi Prabhu & Associates, we remain committed to creating efficient, resilient and future-ready healthcare facilities that will serve communities for generations to come.



7,8- Commissioning of Bhagwati Hospital



Featured Project

The Health spa and Gymnasium at Garware Club House

In the shadow of Mumbai's iconic Wankhede Stadium, where floodlights blaze and the energy of sport is relentless, the renovation of Garware Health Club by Shashi Prabhu and Associates serves as a fundamental architectural contrast. If the stadium is the roar of the crowd, the new club is the intake of fresh air before the sprint. How should a space perform when the body is pushed to its limits, and how must it respond when that same body seeks restoration? For over five decades, our practice, positioned at the intersection of sport and healthcare, has been shaped by this inquiry. The renovation of Garware Health Club is a contemporary response to that cycle — a recalibration of performance and wellness within one of India's most charged sporting environments.

Reimagined for a community of 18,000 members, the project transforms a legacy institution into an enduring daily environment — an extension of its members' own homes. Since completion, a nearly three hundred percent increase in daily footfall confirms that members now treat the facility as a destination, not a brief stop.

Our interior designers **Vaibhav Kadam** and **Omkar Lingayat** along with their team believe that the first floor is conceived to be the "Engine of Movement" - just like their own department within SPA

😊 — a gymnasium alongside dedicated zones for Pilates, functional training, and yoga. Cardiovascular equipment lines a glazed edge overlooking the pool, while 25mm rubber flooring over ceramic underlayment dampens vibration underfoot. Overhead, a seamless tensile fabric ceiling creates a diffused "luminous sky" — engineered to reduce visual fatigue and lend the space quiet expansiveness. The transition between performance and recovery is marked by a sculptural black helical staircase set against a living wall — a deliberate sensory threshold separating elevated heart rates from composed breathing.

Above, the spa environment softens into lime-plastered walls and "crazy patterned" stone flooring. The "Glowing Core" — a vivid orange glass volume — anchors the locker spaces in warm ambient light. Pine-scented saunas evoke Nordic forests, a state-of-the-art Jacuzzi offers tropical respite, and fibre-optic starry ceilings transform treatment rooms into deeply personal cocoon-like retreats.

Much of the project's complexity remains invisible — solar-powered hot water systems and advanced pressure management woven silently into the infrastructure. By orchestrating a cohesive framework for both performance and pause, the Garware Health Club does not compete with the spectacle of the Wankhede. It completes it.

Client Testimonial



The renovation of the Heal-Thy Gym and Spa at Garware Club House is a testament to the vision, perseverance, and meticulous planning that the team from Shashi Prabhu and Associates brought to every stage of this project. Aesthetics, functionality, and creative use of materials — all **ten out of ten**. The result is a facility that is as striking as it is practical.

The response from our members has been extraordinary. Daily footfall has risen by nearly 300%, with younger demographics showing the most marked increase — proof that great design

changes behaviour. For me personally, the Gymnasium with its state-of-the-art equipment holds a special place, while the Spa — with its fibre-optic lighting and seven-star wet section — has elevated our wellness offering to a level of sheer opulence.

What truly impressed me was SPA's foresight in integrating peripheral systems — solar-powered heating and enhanced water management — that created additional space for tennis, pickleball, and padel. This future-proof thinking ensures the club is prepared for the next 12 to 15 years. The helical staircase, framed by its lush green living wall and leading into the Refuel Café and Oasis Lounge, remains the signature 'wow' moment for every guest and new member who walks through our doors. Quality, feasibility, and class — that is what SPA delivered. And that is what our members experience every single day."

What keeps us busy!

Last month, SPA entered an exciting design competition for **Karad Airport Terminal** in partnership with Dorsche Group, with our scope covering the complete architectural design & engineering of the landward side of the airport.

This is exactly the kind of project that gets our studio buzzing say our **Amrita Parkar** who designed this terminal building with her team members **Renuka Sampagao, Ruthvik Harari and Ranveer Pisal**. The design, conceived by our team, draws its inspiration from nature, structure, and movement. The structural columns branch upward like trees, creating a rhythmic sequence that evokes both strength and the lightness of wings in flight. Transparent facades open the terminal to panoramic views of the surrounding landscape, connecting travellers to the natural beauty of the Karad region the moment they arrive.



The 750 sqm terminal building stretches 50 metres in length, with a grand sheltering roof plane that reduces heat gain, creates a shaded drop-off experience, and gives the building its unmistakable civic presence. The material palette — textured plaster, laterite stone, glass, and steel — is deeply rooted in local character, ensuring the terminal feels like it belongs to this land.

Sustainability is embedded throughout — from natural daylighting and cross ventilation through high glazing, to rainwater harvesting, solar-ready

roofing, and low-maintenance durable materials designed for the long term.

The human experience has been as carefully considered as the structure itself — a grand welcoming entrance, seamless arrival and departure flows, and an architecture that projects strong civic identity and local pride.

We are proud of what Team Pune has put together. Whatever the outcome of the competition, this is a design worth celebrating.





In a project of profound national importance, SPA is working on the proposed **Tata Memorial Cancer Hospital and Integrative Research Centre** at Khalapur — a pioneering institution dedicated to the treatment, research, and education of cancer care through an integrative approach that combines modern oncology with Ayurvedic therapies.

The masterplan developed by **Enakshree Bhatia** and her team and the Architectural design conceived by **Akshata Saudagar** and her team, will provide specialised care for patients with Stage III and Stage IV cancer, offering holistic treatment that addresses both the disease and the overall well-being of patients. The Government has

allotted approximately 10 hectares of land at Tambati, Khalapur, for a 100-bedded hospital with integrated Ayurvedic treatment facilities — supported by the Department of Atomic Energy, Government of India, in recognition of its potential to advance cancer treatment through interdisciplinary collaboration.

Beyond clinical services, the centre will serve as a hub for research and education — bringing together oncologists, Ayurvedic practitioners, researchers and academicians to develop evidence-based, integrative therapies. When realised, the Khalapur Cancer Hospital will not only strengthen the region's healthcare infrastructure but establish a national model for collaborative cancer research and holistic patient care — advancing the future of integrative oncology in India.

Foundations don't make for glamorous photographs, but they are where every great structure truly begins. At the Divisional Sports Complex in Latur, our project management team — led by Senior Engineer **Shashiranjana Shrivastava** and **Hawagi Solapure** — is currently overseeing the casting of column footings, the very first structural elements that will carry the weight of the complex above. Rising reinforcement cages mark out the grid of columns to come, as concrete is carefully poured into each footing under close supervision. It is detailed, deliberate, unglamorous work — and it is exactly this kind of rigour, applied right from the ground up, that ensures the sporting facilities we design stand strong for decades to come. Beyond the core structures, our scope spans internal roads and stormwater drainage, a Synthetic Athletic Track with, a



full-sized football ground, and an open sports fields for basketball, tennis, kho-kho, and kabaddi. The complex will also include separate boys' and girls' hostels to support resident athletes. What is unique about this complex is the Class I Athletic Running Track, fit for Olympic-level competition. Such tracks demand laser-grade precision in levelling and are the result of

high-level engineering and rigorous quality control. Designed by **Amrita Parkar** and her team of **Renuka Sampagao** and **Ruthvik Harari** — the project reflects SPA's mastery in sports infrastructure design. With its sweeping cantilevered grandstand roof and freshly laid red track curving into the distance, this facility is set to become a serious training and competition venue.

Team Corner

List of our New Hires

A studio is only as good as the people who fill it – and we are delighted to introduce three talented individuals who have recently joined the SPA community.

Mr. Abhishek Gunjal joins us as an **Urban Planner & Architect**,



bringing a blend of design and advanced spatial expertise. With academic and

professional experience in land-use planning, mobility systems, and urban infrastructure, Abhishek is passionate about developing data-driven, sustainable solutions for rapidly growing environments.

We are delighted to welcome **Sahil Dudhal** to the SPA family as



Junior Site Engineer. A fresh Civil Engineering graduate from MGM College of Engineering

and Technology, Kamothe, Sahil brings energy and enthusiasm that our teams are made of.

He has hands-on exposure to Mivan technology and brings strong analytical foundations. Welcome aboard, Sahil!

Please join us in extending a warm welcome to



Bhalchandra Mestry, who joins our team as a Site Engineer!

Design Thinking

By Amol Prabhu



At SPA, we talk very little about the invisible architecture that holds our projects together – the systems and disciplines that ensure what we design actually gets built the way we intended.

Most architecture firms struggle with things falling through the cracks – queries remaining unanswered, TDS sheets sitting on someone's desk, a site deficiency quietly forgotten. As companies grow in size, these problems escalate.

That changed when we introduced Asana as our Project Management backbone – driven by our Interface Manager **Nikhil Shelar**, an Iowa State University graduate in Civil Engineering who returned to India to join SPA with a singular focus: ensuring every project moves forward without obstacle.

We built three core workflows around it. The RFI Process ensures every site query is logged, assigned, and answered promptly. The Submittal Process tracks every material sample and shop drawing from receipt to approval. And a recurring snag list monitors every deficiency throughout construction rather than at the end – catching problems early.

Because a design is only as good as its execution.

Industry News

There is a building type quietly reshaping the global energy landscape – one that most architects never design, most cities never celebrate, and most people never see. The data centre. And it is consuming power at a scale that is beginning to alarm governments, utilities, and engineers worldwide.

In 2024, global data centre electricity consumption stood at approximately 415 terawatt-hours – about 1.5% of the world's total electricity use, growing at a compound annual rate of 12% since 2017, more than four times faster than overall global electricity demand. By one estimate, that figure could approach 1,050 TWh by 2026 – making data centres, if they were a country, the fifth

largest energy consumer in the world, sitting between Japan and Russia. The IEA projects this could reach 945 TWh by 2030, and 1,200 TWh by 2035.

The culprit, increasingly, is artificial intelligence. AI is commonly seen as a GPU story, but the rise of agentic workloads – real-time reasoning, code generation, and multi-step task orchestration – is now driving massive demand on CPUs as well, as AI systems shift from simply answering questions to actively taking actions. Every render, every AI-generated model, every query – somewhere, a data centre is burning energy to make it happen.

The strain is already visible regionally. U.S. data centre power demand could grow from roughly 17 GW in 2022 to 35 GW by 2030 – a compound annual growth rate of nearly 10% – making data centres responsible for an estimated 10 to 15% of total U.S. electricity load growth in that period. The response from the industry has been telling. Hyperscalers have moved beyond

Bhalchandra holds a Bachelor of Engineering in Civil Engineering from the Metropolitan Institute of Technology and Management and brings valuable experience in onsite operations, technical troubleshooting, and material coordination across projects in Mumbai.

Armed with technical expertise in Revit Architecture, AutoCAD, and Sketchup, he is well-equipped to help us streamline execution and maintain our standard of engineering excellence on the ground. We are thrilled to have his strong organizational skills and dedication to project timelines on our side. Welcome to the team, Bhalchandra!

We are delighted have **Swarali Pasalkar** joining our Urban Design team. Swarali is an architect currently pursuing her Master of Urban Design at CEPT University,



bringing professional experience from firms like ARUP India and ARA Design. Her background spans residential design, hospitality, and urban planning, with a strong focus on transit-oriented development, public spaces, and green infrastructure. Armed with excellent spatial analysis and GIS mapping skills, she is a fantastic addition to our growing team. Welcome aboard, Swarali!



renewable energy certificates entirely, into direct nuclear procurement, advanced geothermal, and small modular reactor partnerships — with the SMR offtake pipeline nearly doubling in 18 months, from 25 GW at the end of 2024 to 45 GW by April 2026. Put simply — the world's biggest tech companies are no longer planning around grid power. They are planning around dedicated, co-located generation. For architects and engineers, this presents a very real design challenge.

Data centres need to be designed sustainably — cooling alone accounts for a significant share of their energy use, and the buildings that house them must increasingly integrate energy generation, not just consumption. Enter Supercritical CO₂. One of the most exciting technological responses to this crisis is the emergence of supercritical CO₂ (sCO₂) power cycles — a next-generation approach to power generation gaining serious traction in the engineering world.

sCO₂ power cycles are Brayton cycles that use supercritical CO₂ as a working fluid to convert heat into power, offering higher system efficiencies than conventional steam-based systems. In its supercritical state — achieved above 31°C and 7.4 MPa — CO₂ behaves as a dense, compressible fluid, allowing it to efficiently absorb thermal energy, compress, and drive turbines. The result is turbo machinery up to 10 times smaller than comparable steam

systems for the same power output.

The relevance to data centres is direct. sCO₂ systems can recycle the waste heat data centres generate — compressing the CO₂, exchanging heat, and reusing it for building heating or additional power generation — effectively turning a data centre's biggest liability into an asset. The \$169 million STEP Demo facility in San Antonio, Texas — the largest of its kind in the world — has completed Phase 1 testing at a 10-megawatt scale, demonstrating the commercial readiness of this next-generation power cycle. Material challenges and high initial costs remain, but momentum is building.

What This Means for Architecture

The data centre crisis is, at its core, an architectural and urban planning problem. Where these buildings are located, how they are designed, how their waste heat is managed, and how they integrate with the urban fabric — these are questions architects and engineers must increasingly answer. At SPA, as we design hospitals, sports facilities, and civic infrastructure, the lessons are clear — every building we design is an energy system as much as a spatial one. The future belongs to buildings that give back as much as they consume. Buildings are not just structures. They are acts of faith — in craft, in community, and in the belief that what we build today will mean something long after we are gone.

Birthdays

Great structures begin with the people who build them. This month, we celebrate the **birthdays** of the people who draw our details, complete our deadlines, and eventually build the buildings that become the iconic structures that get posted on our websites. Stop by, say hello, and make them feel special!

Chaitaly Deshpande

6th July

Vaibhav Kadam

12th July

Omkar Lingayat

12th July

Parag Kashelkar

17th July

Swapnil Gharat

22nd July

Prashant Lade

22nd July

Renuka Sampagao

25th July

Ramesh Madgi

27th July

Ravindra Chavan

27th July

Harshala Dangare

28th July

Pradeep Nalge

29th July

Sandeben K

31st July

Priyanka Jagdish Raul

31st July

Anniversaries

At SPA, we have always believed in building lasting relationships – not just with our clients, but with our people too. Here are some of our members who have invested in the long-term vision of our firm, who grow with us, and who make SPA a bit better each year. Their **work anniversaries** this month are a reminder to us of that shared commitment.

The next time you see any of these colleagues, stop and congratulate them in person. A simple acknowledgement goes a long way, and they deserve every bit of it!

Shashi Ranjan Shrivastav

30 years

Komal Bonde

13 years

Vaibhav Kadam

9 years

Dipchandra Pal

5 years

Ritesh Bagde

3 years

Avanish Sharma

3 years

Dhiraj Sharma

3 years

Sarpebahadur Vishwakarma

3 years

Pooja Kharatmol

2 years

Humour



While going through our archives, we found an gem from March 2026 which we just couldn't ignore. If you've ever wondered what our team looks like after a hard day of fighting contractors, resolving RFIs, and convincing clients that no means no to changes, — well, this is exactly that. Just with a little more colour.

Spotted in what can only be described as a spirited diplomatic exchange, our Teams Leaders **Ar. Akshata Saudagar** and **Omkar Lingayat** officially call it a "Holi celebration" — but most bystanders privately would describe it as a territorial dispute settled the old-fashioned way!

No drawings were harmed in the making of this photograph. Some egos, however, would a different matter entirely.