



GDSC MAGAZINE

2024-2025



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ABOUT GDSC

Google Developer Student Clubs (GDSC) at Fr. CRCE is a student-led community that aims to empower peers through technology, collaboration, and real-world problem-solving. Backed by Google Developers, we bring together developers, designers, and innovators to learn, build, and grow together. Our club regularly hosts technical workshops, speaker sessions, hands-on hackathons, and startup-centric events that encourage practical learning beyond the classroom.

From launching initiatives like Unplug by the Beach to organizing our flagship international hackathon Bit N Build, we create platforms for innovation, collaboration, and impact. Our goal is to build a strong peer-learning environment where students solve real problems, upskill together, and contribute meaningfully to the tech ecosystem.

GDSC CRCE 24-25

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Technical Advisor

Bryce Miranda
Operational Advisor

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Management Advisor

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GDSC GRCE 24-25

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GDSC ASSOCIATES

• Liza Castelino

• Celene Ciby

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GRAPHIC
ASSOCIATES

FLAGSHIP EVENTS

GDSC CRCE's flagship events — Bit N Build and Unplug — embody our mission to fuse technology with real-world impact, empowering students to innovate, lead, and thrive. These are more than just events; they are transformative platforms where careers are launched and bold ideas take shape. Designed to bridge the gap between classroom learning and industry readiness, both initiatives have become defining experiences for participants, pushing boundaries in tech, entrepreneurship, and global collaboration.

Bit N Build, CRCE's only international hackathon, drew 60+ teams from India and 10+ countries, including UC Davis, NTU, TUM, and IITs. With domains spanning AI/ML, Blockchain, and App/Web Development, and mentorship from experts at BrowserStack, JPMorgan, Accenture, and more, students tackled real-world challenges for a ₹1,00,000 prize pool. Unplug, a unique startup retreat at Revdanda Beach, united 130+ students into 40 teams solving problems in mental health, sustainability, and smart cities. Through bonfire pitch sessions, mentorship from Amazon and Microsoft, and investor panels from Vsure and Amplitude Ventures, students pitched to real investors, turning raw ideas into refined ventures in just three days.

BIT N BUILD

About BitNBuild

Organized by GDSC CRCE on October 26–27, 2024, Bit N Build was CRCE's international hackathon, bringing together 60+ teams including 35 national onsite teams and 10 international teams online.



Global institutions like UC Davis (USA), University of Manchester (UK), NTU (Singapore), and TUM (Germany) joined premier Indian colleges like IIT Dhanbad, IIIT Allahabad, and NIT Calicut to compete across domains such as AI/ML, Blockchain, and App/Web Development for a ₹1,00,000 prize pool.

The event spanned three key stages: internal qualifiers (20–27 Sept), the Maharashtra regional round (19–20 Oct), and the onsite grand finale (26–27 Oct).



BIT N BUILD

About BitNBuild

A total of 65 finalist teams (35 national, 30 international) showcased their projects at the Final Hackathon.

The event hosted mentorship sessions, two rounds of judging, and provided real-world problem statements in domains like Web/App Development, AI/ML, and Blockchain.



Problem Statements Focused On: Real-world issues in Web, AI/ML, and Blockchain including crisis response, CRM, and fraud detection.

Participant Experience: Teams got hands-on mentorship, refined projects through feedback, and showcased creativity and teamwork.

Participants from across India were accommodated with travel support and AC rooms, and mentoring was provided by professionals from BrowserStack, JPMorgan Chase, Accenture, Godrej, and more. The event set a new benchmark for CRCE, connecting minds from Kashmir to Kanyakumari and Bandra to Berkeley, and leaving a lasting global impact.



BIT N BUILD

Session Plan



Phase 1

The hackathon began with an inspiring inauguration, followed by intense coding as teams tackled problem statements. Mentors provided guidance, aiding progress. Judging rounds evaluated creativity and execution, culminating in the announcement of winners. The event ended on a high note, celebrating innovation, teamwork, and valuable learning experiences for all participants.

Phase 2

The hackathon opened with inspiring speeches and a ceremonial lamp lighting, igniting a spirit of innovation. Teams then dived into problem-solving, supported by expert mentors. On Day 2, teams presented prototypes, received feedback, refined solutions, and showcased final demos. The event concluded with awards and celebrations of creativity, dedication, and collaboration.



BIT N BUILD

Highlights

Bit N Build 2024 saw collaboration with premier institutions like IIT Dhanbad, IIT Ropar, NTU Singapore, UC Davis, TUM Germany, and others. Sixty-five finalist teams (35 national, 30 international) presented projects across domains like Web Development, AI/ML, and Blockchain, addressing real-world challenges through two judging rounds and expert mentorship.



Participants tackled pressing problems such as crisis response, CRM optimization, and fraud detection. Through guided mentorship and constructive feedback, teams refined their ideas and demonstrated strong creativity, teamwork, and technical skills. The judging process emphasized innovation, functionality, impact, UX, and feasibility, ensuring a holistic evaluation of each project.

UNPLUG: BY THE BEACH

About Unplug

Unplug: by the Beach was a dynamic and immersive three-day startup launchpad held from the 28th to the 30th of March 2025. Set against the serene backdrop of Mumbai's coastline, the event was designed to bring together aspiring entrepreneurs and changemakers, providing them a space to step away from the digital chaos and dive deep into innovation and collaboration



The aim was clear — to spark meaningful startup ideas, foster interdisciplinary teamwork, and build an ecosystem of early-stage innovation. Over the course of the event, participants engaged in intensive brainstorming, constructive feedback loops, and strategic development of ideas that could potentially translate into real-world ventures.

UNPLUG: BY THE BEACH

Session Plan

Phase 1: Pre-Event

Registrations: 14th – 20th February 2025

Result Announcements: 18th – 24th February 2025



Phase 2: Main Event

(Alibaug, 28th – 30th March 2025)

March 28 (Day 1): Arrival & Ideation

- 01:30 PM – Departure from College
- 07:00 PM – Registration at Venue
- 09:00 PM – Bonfire Pitch Session

March 29 (Day 2): Mentorship & Development

- 08:30 AM – Mentoring Sessions
- 01:00 PM – Speaker Sessions
- 07:00 PM – DJ Night & Networking

March 30 (Day 3): Pitch Day & Wrap-Up

- 09:00 AM – Arrival of Investors
- 09:30 AM – Investor Pitching Round
- 12:30 PM – Reflections & Closing
- 03:00 PM – Departure to Mumbai



UNPLUG: BY THE BEACH

Highlights

- **Bonfire Pitch Session:** Raw, unfiltered startup ideas shared under the stars, sparking honest feedback and team formation.
- **Mentorship Rounds:** One-on-one sessions with industry experts from Amazon, Oracle, Microsoft, and more, offering deep insights and direction.



- **Speaker Sessions:** Talks from experienced professionals on startup journeys, innovation, and resilience.
- **Investor Pitching:** Final presentations judged by real investors, with a few teams receiving interest for future support.
- **Beachside DJ Night:** A lively evening of music and celebration, strengthening community bonds.
- **Hands-On Collaboration:** Teams brainstormed, validated, and built their ideas in an open, nature-inspired setting.



OTHER EVENTS

Over the past year, GDSC CRCE hosted diverse, hands-on events that empowered students to grow in both technical and soft skills. From teamwork and time management to communication and problem-solving, each session offered practical learning and real-time feedback. These experiences helped students build confidence, present ideas effectively, and explore real-world applications of design, technology, and entrepreneurship—leaving them better prepared to take on challenges and opportunities in the innovation-driven world.

Highlights included the UI/UX Competition, where student pairs used Google Looker Studio to solve design problems. Future Forge attracted 250+ students to learn from industry experts about tech, innovation, and branding. Pitch Perfect helped 150 students refine their entrepreneurial pitches with feedback. In the Pitch & Prototype Challenge, 36 participants collaborated to develop solutions to real-world problems, combining UI/UX design with business strategy, culminating in compelling pitch presentations.

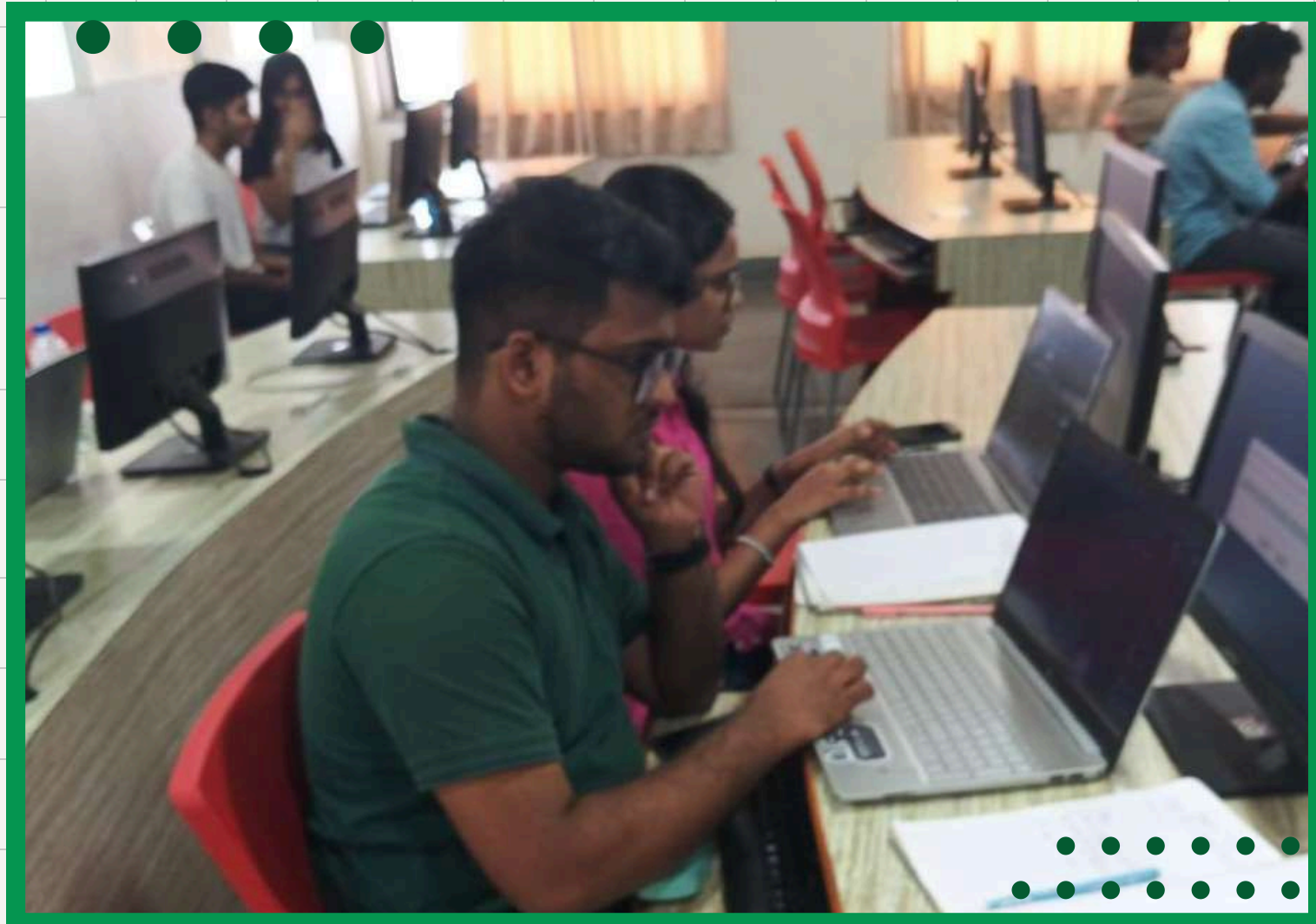
UI/UX COMPETITION

About UI/UX Competition

The UI/UX Competition was a hands-on workshop hosted using Google Looker Studio, where students tackled real-world design problems with innovative, user-centered solutions.

Organized by GDSC CRCE to simulate industry-style design challenges.

Problem statements were released on 24 September 2024, allowing time for ideation and planning.



Participants worked in pairs, encouraging teamwork and collaborative design thinking.

Focused on creativity, collaboration, and practical learning, the event provided an opportunity for participants to enhance their design thinking and presentation skills while competing for certificates and internship opportunities..

UI/UX COMPETITION

Highlights

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Practical UI/UX design experience through Google Looker Studio.

Students addressed real-world challenges with a focus on accessibility and sustainability.

Strict emphasis on original design thinking—no AI or templates used.

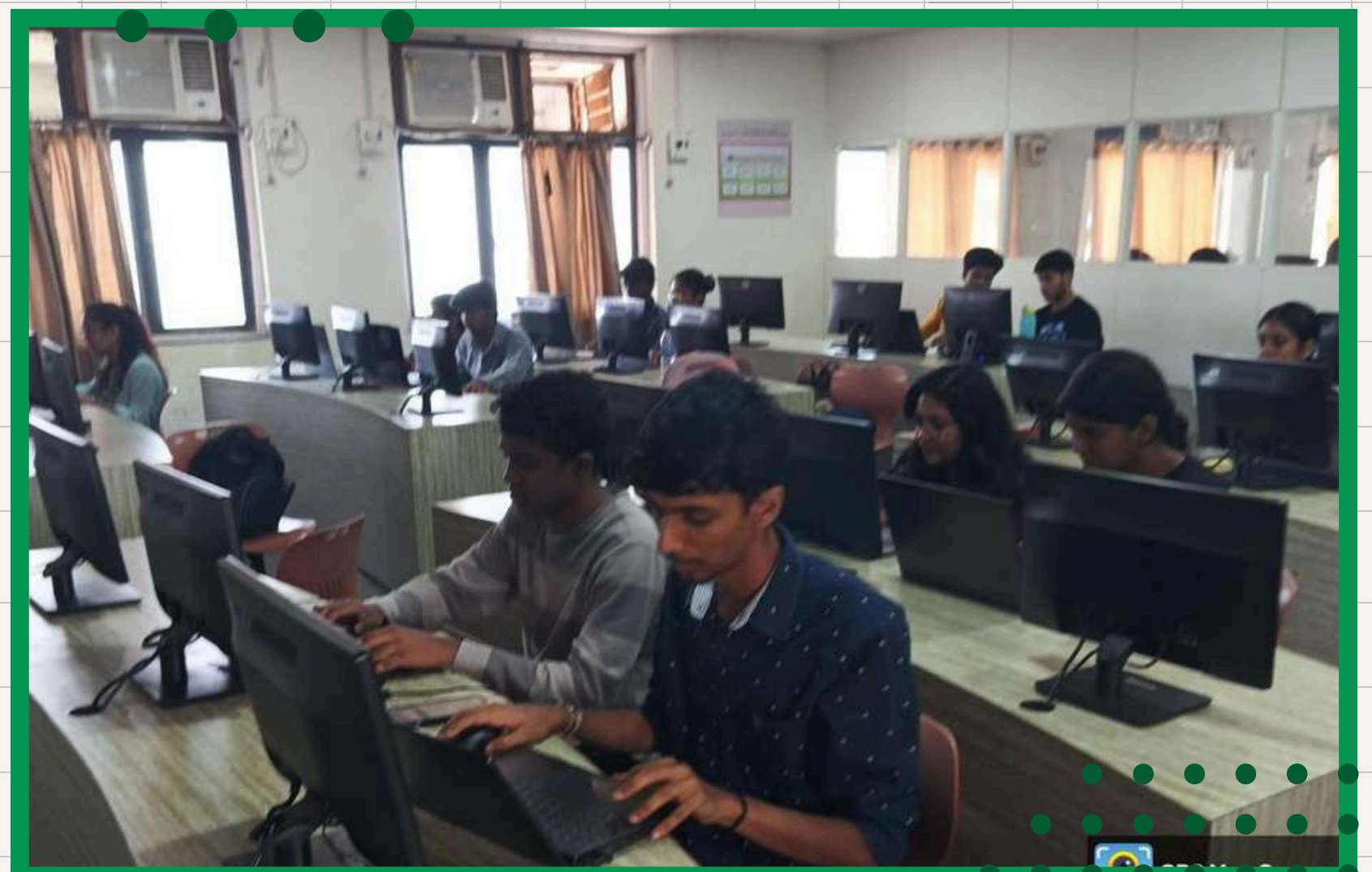
Team-based approach promoted peer learning and collaboration.

Final presentations refined students communication and pitching skills.

Judging based on creativity, usability, and relevance to real-world problems.

Top performers earned certificates and internship placements, boosting their portfolios

Winners received certificates and internship opportunities to advance their careers.



FUTURE FORGE

About Future Forge

Future Forge 2024 was a gateway tech event designed to ignite curiosity and introduce students to innovation and community-driven growth.

Held on September 28, in the Samvaad Auditorium, the event drew 250+ attendees for a 90-minute immersive session.



The session highlighted real project experiences, tips for excelling in hackathons, and leveraging platforms like GDSC and IIC.

Future Forge launched the college's innovation calendar for the year, emphasizing leadership, resilience, and hands-on creation.

Insights and motivation to kickstart their tech journey and explore innovative ideas.

FUTURE FORGE

Highlights



The session kicked off with a message on reinvention and resilience, inspiring students to approach engineering as a mindset rather than a curriculum. The outcome was an energized audience ready to explore their creative potential.

A thought-provoking conversation on upcoming technologies like AI, AR/VR, and blockchain encouraged participants to align their learning with future industry trends. The takeaway was a broadened vision of the tech landscape.

Soham and Bryce reflected on their journeys through projects, hackathons, and leadership roles. Their insights into team dynamics and decision-making helped students understand how to initiate and manage impactful tech work.

After the event, a dedicated doubt-solving session allowed for in-depth, one-on-one interactions. This helped students gain clarity on career paths, project planning, and ways to get involved with GDSC initiatives.



PITCH PERFECT

About Pitch Perfect

An interactive workshop empowering student entrepreneurs with pitch-perfect techniques and investor insights ahead of the flagship Unplug: By The Beach event.

It provided hands-on sessions where students learned how to structure their pitch, address investor concerns, and showcase their startup's potential.



The event included valuable insights from experienced mentors, live pitch practice, and real-time feedback.

By the end, participants were better equipped with a polished pitch and clear investor understanding.

Students now had the confidence to effectively present their ideas at the upcoming Unplug event.

PITCH PERFECT

Highlights



Opening session stressed the transformative power of a well-crafted pitch in securing investment and support.

Comprehensive walkthrough of pitch elements (problem, solution, market, model, funding), illustrated by real-world examples.

Deep dive into investor mindsets, what excites them, common pitfalls to avoid, and how to showcase market validation and team strengths.

Mock presentations by selected students with live feedback on clarity, delivery, and business strategy refinement.

Release of Unplug: By The Beach itinerary and pitching guidelines, aligning today's learnings with the main event's format and judging criteria.

Closing remarks outlined next steps, registration, deck submission deadlines, and mentorship opportunities, to ensure sustained momentum through to Unplug.

PITCH & PROTOTYPE

About Pitch & Prototype

The "Pitch & Prototype: UI/UX Design and Business Pitch Challenge" is a UI/UX design competition focused on testing the creativity, design skills, and business acumen of participants.

Teams created a UI/UX prototype and presented their business model, solving a real-world problem while showcasing the innovation potential of design.



36 attendees collaborated under time pressure, blending creative ideation with strategic planning to address real-world challenges.

Over a one-hour sprint, participants sketched wireframes, developed click-through prototypes using Figma and Canva, and refined their user flows. Parallel to design work, teams crafted concise business pitches covering market need, solution, and revenue model.

PITCH & PROTOTYPE

Highlights



Problem statements focused on environmental sustainability and industry challenges, driving teams to propose socially impactful solutions.

The design phase merged creative ideation with strategic thinking, as participants balanced aesthetic UI/UX with practical business models.

During judging, each team delivered a concise pitch of their prototype and market strategy, receiving in-depth feedback on user flow, visual hierarchy, and revenue potential.

First-year teams impressed with bold, unconventional ideas, while senior participants showcased polished workflows and advanced interaction design.

Judges commended standout projects for their realistic implementation plans and clear alignment with the SDGs, underscoring the event's goal of fusing design excellence with entrepreneurial acumen.



FUTURE PROSPECTS

Looking ahead, GDSC CRCE is committed to building a vibrant ecosystem for innovation and entrepreneurship on campus. The focus will be on scaling flagship events like Bit N Build through global thematic editions, cross-border collaborations, and long-term partnerships with international institutions. Additionally, year-round, project-based workshops in Web Development, Machine Learning, and Cloud will offer students structured opportunities to consistently upskill and stay industry-ready.

On the community front, GDSC CRCE aims to launch small-scale, impact-driven projects that engage students in solving real-world problems. The club will strengthen its digital presence through regular posts, project showcases, and technical blogs to boost visibility and participation. Plans are underway to introduce an alumni network, host panel discussions with professionals, and launch recognition initiatives to celebrate active members. These efforts will foster a stronger sense of connection, continuity, and long-term value for every member of the community.