

Community Education and Lifelong Learning Events

Centurion University regularly hosts events open to the general public, including community education programs, conferences, public lectures, trainings, and workshops. These initiatives, both planned and ad-hoc, provide opportunities for learning, skill development, and community engagement. Centurion University supports inclusive and equitable quality education (SDG 4), promotes lifelong learning, and contributes to sustainable regional development by making educational resources and expert insights widely accessible.

COMMUNITY ENGAGEMENT

The M.S. Swaminathan School of Agriculture at Centurion University hosts the Kisan Mela to promote sustainable agriculture and community learning, supporting SDG 4 (Quality Education). As part of their Rural Agricultural Work Experience (RAWE) program, students organize Agri Exhibitions, connecting with farmers to share knowledge, showcase innovations, and transfer practical agricultural technology—empowering both students and the local farming community.

AGRI EXHIBITION

The Agri Exhibition held on 22nd October 2024 at Pedda Logidi village was organized by the Rural Agricultural Work Experience (RAWE) students of Centurion University under the guidance of Dr. Ashok Kumar, with active support from university officials and agricultural department officers. The primary objective of the exhibition was to disseminate modern agricultural technologies to farmers while creating a platform for practical interaction between students and the rural community. The event was inaugurated by agriculture and horticulture officers in the presence of Centurion University deans and faculty members. Experts addressed farmers on topics such as fertilizer management, government schemes, pest and disease control, horticultural crop cultivation, mushroom farming and seed production. Various technologies and models such as Krishak Drone, Survey Drone, Drum Seeder, Power Weeder, Polyhouse structures, sticky traps and mushroom units were showcased. Farmers received clarity on the cost and feasibility of these technologies, including drone spraying.

Snap shots During Agri Exhibition



Fig.1. Agri Exhibition, 22 Oct.2024

A total of 55 farmers participated actively engaged with students and officials, seeking guidance on subsidies and machinery usage. Farmers expressed high satisfaction with the program and suggested that future events be conducted in the morning hours for better participation. Overall, the exhibition successfully connected scientific innovation with rural practice, motivating farmers to adopt modern, sustainable agricultural methods while providing students with valuable field-based learning and extension experience.

RURAL HAAT AND KRISHI/KISAN MELA

The Kisan Mela 2024, organized by Centurion University Odisha, aimed to educate farmers on innovative agricultural techniques, organic farming and climate resilient practices. Experts from agriculture and allied sectors provided hands-on demonstrations and interactive sessions.

Agricultural Market: Platform for local farmers and rural producers

- Student Facilitation: Market management and coordination roles
- Supply Chain Learning: Practical agricultural commerce experience
- Community Development: Direct rural community support and engagement
- Rural Haat and Krishi Mela engaged 5000+ farmers in sustainable practices.

The OLEM Farmers Training on Mushroom Cultivation was conducted by the School of Agriculture, Centurion University Odisha, in 2024, covering mushroom species identification,

cultivation of paddy straw and oyster mushrooms, disease management, harvesting, and post-harvest processing. The training aimed to equip farmers with skills for self-employment and income generation through mushroom farming.

The Fish Farmers Training Program was conducted by the School of Fisheries, Centurion University Odisha, in 2024, focusing on scientific fish farming, advanced aquaculture techniques, and post-harvest technologies. The program also included sessions on value-added fish products and sustainable fisheries practices.



Fig 2. NFDB sponsored training program, September 18, 2024 (25 farmers trained at Centurion University)

YOGOTSAV-2024: EMPOWERING EDUCATION AND WELLNESS

Centurion University is proud to host YOGOTSAV-2024 on 5th April (Friday), in collaboration with the Morarji Desai National Institute of Yoga, Ministry of Ayush, Govt. of India. This event highlights our commitment to fostering a holistic educational environment by integrating Yoga and Wellness, aligning with the United Nations Sustainable Development Goal 4 (SDG4): Quality Education.



Fig.3 Yogotsav, 5 April 2024



At the heart of YOGOTSAV-2024 is the philosophy of promoting physical and mental well-being, essential for student success and lifelong learning. By introducing Yoga into the educational ecosystem, we aim to create a balanced approach to health and education, ensuring that students, faculty, and participants develop the tools for both academic excellence and personal wellness. The event streamed live for the public on August 28, 2024 has recorded 1,795 views.

Centurion University PUBLIC HEALTH EVENTS AS LEARNING PLATFORMS

Advancing SDG 4 through Community Engagement

Centurion University actively transforms public health events into dynamic educational outreach platforms, ensuring that every health intervention also becomes an opportunity for learning, awareness and skill-building. Whether through large-scale health camps, mobile medical outreach vans, vision screening drives, teleconsultation events, Ayurveda and wellness demonstrations, or international immersion programs, Centurion University brings education directly into the public sphere - aligning SDG 3 (Health & Well-Being) with SDG 4 (Quality Education).

Table1: Public Events, 2025

Type of Public Event Conducted by Centurion University	Educational Impact (SDG 4 – Quality Education)
Health Care on Wheels & Vision Care on Wheels Camps (in partnership with LIC, GAIL, SAIL, Essilor)	Students gain <i>experiential learning</i> through direct patient interaction and community service
Public Eye Health & Wellness Camps in Villages and Schools	Health & optometry students conduct screenings, improving communication and leadership skills
Teleconsultation Events in Rural Panchayats	Students learn digital healthcare delivery and tech-enabled health systems
Wellness Demonstrations (Yoga, Ayurveda, Physiotherapy)	Public workshops double as live teaching labs for allied health students
International Community Health Visits (e.g., Western Sydney University)	Joint immersion programs promote cross-cultural learning

ACCESS TO PUBLIC LECTURES

Lectures are made available to the public, either live or through recorded sessions. Lectures, expert talks, and special learning sessions from workshops, seminars, and conferences, along with recordings of these sessions, are made accessible to the public. This initiative promotes lifelong learning and community engagement by providing wider access to educational resources, ensuring that knowledge is shared beyond the university's immediate student body.



Fig.4. Invited Talk on Enriching Academic Experience for HE Institutions, 5 April 2024

Centurion University provides public access to expert talks, lectures, speeches and workshops, fostering knowledge sharing and lifelong learning. Education Leader Conclave, featuring esteemed speaker Prof. Supriya Pattanayak, Vice Chancellor of Centurion University. Around 100 external participants gain insights on "Enriching Academic Experience for Higher Education Institute".

CONFERENCES, SEMINARS, WEBINARS AND WORKSHOPS

A diverse range of academic and professional events were conducted for the internal members and general public including topics such as research data analysis, machine learning, environmental sustainability, artificial intelligence (AI), quantum computing, generative AI, business management, publication ethics, disaster management, law, pharmacy, healthcare advancements and social impact to foster a culture of continuous learning. Key thematic areas included wealth creation through systematic investment plans, financial literacy, insurance, and sales strategies. In life sciences, focus areas ranged from drug design, hepatitis awareness, molecular biology, pharmacy, to animal handling. Cutting-edge technologies for next-generation management were also emphasized, including cloud computing, AI, blockchain, 5G, IoT, Linux, cybersecurity, MATLAB, and Python.

Sustainability and agriculture were highlighted extensively via sessions on agri-vision, smart agriculture, solar-powered machinery, food safety, and sustainable agricultural production techniques. Career planning and skill development were addressed through orientation programs, alumni talk, soft skills workshops, entrepreneurship sessions and women empowerment initiatives. Interdisciplinary sessions spanning public health (e.g., World Drug Day, World Doctors Day), law and justice, urban resilience, higher education, bioinformatics,

vision therapy, human values, ethics, and organizational development enriched the event portfolio. Faculty development, academic writing support, GIS, environmental science, biodiversity, and advanced communication workshops strengthened research and teaching competencies. A combination of national and international events facilitated collaboration, awareness, and holistic development across sectors including medicine, pharmacy, engineering, management, technology, agriculture, and social sciences.

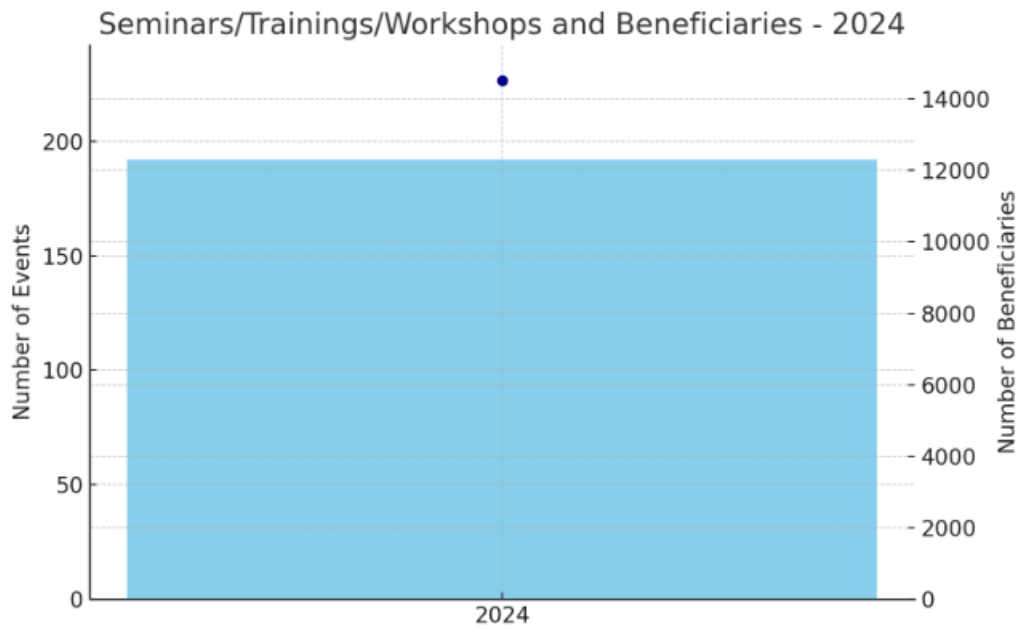


Fig.5 Event Beneficiaries, 2024

Glimpses of National and International Conferences for internal members and general public

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INTERNATIONAL CONFERENCE
 ON
VIKSIT BHARAT: INNOVATIVE BUSINESS, AGRICULTURE, TECHNOLOGY AND RESOURCE MANAGEMENT FOR SUSTAINABLE GROWTH

Organised by
 Centurion University of Technology and Management
 &
 Operational Research Society of India, (Bhubaneswar, Odisha) Chapter
 In Hybrid Mode
 26-27 September 2024
 Paralakhemundi Campus

[REGISTER NOW](#) | [VIEW SCHEDULE](#)

The School of Management in collaboration with the Operational Research Society of India, Bhubaneswar Chapter, successfully hosted the International Conference on Viksit Bharat: Innovative Business, Agriculture, Technology and Resource Management for Sustainable Growth (ICVBSG-2024) on 26–27 September 2024 at Paralakhemundi Campus. The conference witnessed 200 delegate participation, 150 external participants from various institutions of 15 countries, including Australia, the Netherlands, Bangladesh, Ethiopia, Fiji, India, Malaysia, Nepal, Poland, Saudi Arabia, Sri Lanka, Syria, Thailand, the UAE and the UK. This conference aligns with India's national agenda, Viksit Bharat, a vision of a developed and inclusive India by 2047. The conference provided a platform to discuss pressing issues and innovations in fields such as Management and Operations, Sustainable Agriculture, Disruptive Technologies, Sustainable Livestock and Aquaculture Best Practices and Inclusive Development. A standout feature of the conference was the Student Track under the initiative “Ideas from Youth for Viksit Bharat @ 2047”, which provided a forum for young voices to contribute ideas that will help shape the future of the nation. Presentations and discussions focused on key objectives, including SDG8 (Decent Work and Economic Growth), SDG9 (Industry, Innovation, and Infrastructure), SDG12 (Responsible Consumption and Production), SDG13 (Climate Action), and SDG17 (Partnerships for the Goals).



Viksit Bharat: Centurion University hosts international conference on sustainable growth and innovation

PRD BUREAU

PARALAKHEMUNDI, SEP 28

CENTURION University of Technology and Management (CUTM), in partnership with the Operational Research Society of India (ORSI), Bhubaneswar Chapter, successfully wrapped up the two-day International Conference on "Viksit Bharat: Innovative Business, Agriculture, Technology and Resource Management for Sustainable

Growth" on Friday. The event drew over 200 participants, including renowned global experts, researchers, and policymakers from more than 15 countries, both in-person and virtually. Held at CUTM's Paralakhemundi campus, renowned for its emphasis on agricultural sciences, fisheries, and veterinary education, the conference aligned with India's vision for a developed and inclusive Viksit Bharat by 2047. This campus has emerged as a

center of sustainability and innovation, especially with its School of Agriculture recently earning NAAC accreditation. The school plays a vital role in advancing sustainable agricultural practices, livestock management, and aquaculture through pioneering research and training initiatives. A significant highlight of the conference was the keynote session titled "Sustainable Development for Viksit Bharat: The Way Forward," chaired by Abha Mishra from UNDI,



Odisha. The session featured a panel of global experts discussing pivotal topics such as AgriTech's impact on sustainable agriculture and innovative resource management strategies – essential components of the Viksit Bharat initiative. The conference also showcased 160 research paper pre-

sentations, fostering collaboration between seasoned professionals and emerging researchers. This exchange of ideas is crucial for developing innovative solutions for India's future. Attendees were also presented with the Book of Abstracts cum Souvenir, encapsulating the key discussions and breakthroughs from the sessions. Centurion University's leadership, including President Prof. Mukti Kanta Mishra and Vice-Chancellor Prof. (Dr.)

Supriya Pattanayak, underscored the conference's significance in propelling sustainable growth. "This event has reinforced our commitment to innovation and collaboration, essential for realizing India's aspirations for 2047," said Prof. Mishra. The conference concluded with a renewed determination to pursue sustainable development, fostering international partnerships and groundbreaking research to enhance India's growth narrative.

Fig.6. Collage of Viksit Bharat Conference, 26–27 September 2024

Hosted by Centurion University, the Third Global South Nexus (GSN) International Conference convened in Odisha from 23–25 January 2024, uniting 376 (300 participants from other universities and online participants) participants including scholars and practitioners around the theme, "Creating Responsible Professionals for Sustainable Community Futures." Over two days, participants presented innovative research, while the third day featured immersive site visits to smart city developments around Bhubaneswar-grounding theory in real-world context. Guided by learned voices like Vice Chancellor Professor Supriya Pattanayak, the conference fostered cross-disciplinary dialogue and actionable strategies for sustainable development in Global South contexts. GSN 3 exemplifies Centurion University's commitment to advancing inclusive, real-world oriented learning aligned with global sustainability goals



Fig.7. Glimpses of GSN Conference, 23-25 January

AYUSH- SPONSORED NATIONAL CONFERENCE

The AYUSH-sponsored two-day National Conference cum Workshop on “*Advancement in Animal Handling and Generative AI for Pre-clinical Studies*”, held on 28th and 29th June 2024 at Centurion University, embodied the core values of Sustainable Development Goal 4 (SDG 4): Quality Education. With over 350 participants, the event provided a rich platform for academic learning, research exchange, and skill enhancement. Day one began with an inaugural session featuring eminent academicians and scientists. Keynote addresses and scientific presentations explored critical topics like pre-clinical research methodology, carcinogenicity studies, predictive models of animal behaviour, and the integration of generative AI in pharmaceutical science. Experts delivered insightful sessions that promoted research-based learning and ethical scientific practices. Workshops on day two emphasized hands-on training in animal handling techniques, drug administration, behavioral studies, bioanalysis, and radiographic assessments. Poster and oral presentations encouraged participants to showcase

original research, evaluated by distinguished judges from renowned institutions. The event highlighted interdisciplinary learning and experiential education, fostering advanced competencies in pre-clinical studies. By integrating cutting-edge science with practical application, the conference contributed significantly to higher education, vocational training, and lifelong learning opportunities, aligning strongly with SDG 4. It empowered participants with both knowledge and skills to drive innovation in biomedical research and healthcare.



Fig 8. AYUSH-sponsored two-day National Conference cum Workshop on “*Advancement in Animal Handling and Generative AI for Pre-clinical Studies*”, 28th -29th June 2024

Webinars: Regular sessions on emerging fields such as blockchain technology, virtual reality, AR/VR and machine learning.



Fig.9.Avalanche Bootcamp (Workshop & Hackathon), 24th - 27th September 2024



CELEBRATION OF INTERNATIONAL GEOGRAPHICAL INFORMATION SYSTEMS GIS DAY 2024



Fig.10: International GIS Day, 18 Nov. 2024 (160 online beneficiaries)

Centurion University proudly celebrated International GIS Day 2024, reaffirming its commitment to inclusive, innovation-driven education and sustainable development. The celebration brought together faculty, students, researchers, industry experts, and members of the wider community to explore the transformative potential of Geographical Information Systems in environmental monitoring, rural development, agriculture, disaster preparedness, and urban planning. Through expert talks, live demonstrations, and student-led presentations, participants gained hands-on experience with cutting-edge geospatial tools and their practical applications. By opening this platform to the public, the university ensured that educational resources and expert insights were accessible to a diverse audience, promoting inclusive and equitable quality education (SDG 4) and inspiring lifelong learning. The event not only raised technological awareness but also encouraged participants to adopt GIS as a powerful tool for problem-solving and sustainable development. Aligned with SDG 4 and SDG 9 (Industry, Innovation, and Infrastructure), Centurion University continues to foster interdisciplinary learning, community engagement, and regional impact through such initiatives.

EMPOWERING THE EDUCATORS

Centurion University didn't stop at students-it turned its lens on teachers. Through Faculty Development Programs and CHSE Teachers' Training, educators were introduced to AI tools, AR/VR, drone technology and NEP 2020-aligned pedagogy.

FACULTY DEVELOPMENT PROGRAM FOR SENIOR LECTURERS (DTET, ODISHA)

Faculty Development Program (FDP) by the Directorate of Technical Education and Training (DTET), Odisha, commenced in 2024 at Centurion University. Aimed at empowering senior lecturers from various government polytechnics, the program focused on enhancing leadership, pedagogical, and technological competencies, in alignment with the National Education Policy (NEP) 2020 and Sustainable Development Goal 4 (SDG 4) - ensuring inclusive and equitable quality education and promoting lifelong learning. The sessions were carefully curated around cutting-edge technologies and academic leadership. Topics included AI and GenAI tools, AR/VR, Blockchain, Cloud Computing, IoT, Robotics, Drone Technology, and Industry 4.0, providing educators with hands-on exposure and practical applications for their classroom environments. Additional emphasis was laid on team dynamics, HR practices, electric vehicle manufacturing, and the integration of NEP principles into institutional strategy. Over 33 senior lecturers from various technical institutions across Odisha participated. Through interactive sessions and campus immersion, participants were empowered to introduce innovation-driven, student-centric, and digitally integrated learning models. This initiative enriched the participants by:

- Equipping educators with the tools to deliver future-ready, skill-based education.
- Promoting technological inclusion and innovation in teaching methodologies.
- Supporting the professional development of faculty for improved learning outcomes.

The program concluded with a valedictory session, reflecting a shared commitment to transform the technical education landscape of Odisha through continuous learning and innovation. This FDP serves as a model for institutional capacity building aligned with both national priorities and global educational goals. The message was clear: to teach the future, one must first learn it.

CHSE TEACHERS' TRAINING AT CENTURION

Centurion University successfully hosted a Teachers' Training Programme for lecturers under the Council of Higher Secondary Education (CHSE), Odisha, focusing on the subjects of English, Physics, Zoology and Botany. The training was designed in alignment with Sustainable Development Goal 4 (SDG 4), which emphasizes inclusive and equitable quality

education and the promotion of lifelong learning opportunities for all. The program aimed to empower educators with contemporary pedagogical tools, subject-specific advancements, and hands-on learning techniques. Participants engaged in sessions that blended theory with practical exposure, ensuring a shift from traditional rote-based teaching to more experiential and inquiry-based methods. For science subjects like Physics, Zoology, and Botany, the training included laboratory demonstrations, experiment-based teaching modules, and real-life applications of classroom concepts. English sessions focused on interactive methodologies, language immersion techniques, and the use of technology-enabled communication tools to enhance classroom engagement. The university's state-of-the-art infrastructure and outcome-based education model provided the ideal environment for professional growth. Trainers emphasized competency-based learning, assessment strategies, and the integration of digital resources to make education more inclusive and effective. The training program fostered collaboration, critical thinking, and curriculum alignment with National Education Policy (NEP) 2020, thereby reinforcing the commitment to SDG 4. Teachers left the program better equipped to deliver learner-centered education that supports the diverse needs of students in Odisha's higher secondary system. Overall, the initiative served as a vital step in upgrading teaching standards and fostering lifelong learning among educators, thus ensuring a ripple effect of quality education across classrooms in the state.





Fig.11: FDP for Senior Lecturers, 16-20 Dec.2024

Grassroots Leadership in Action

At the community level, Centurion University partnered with the Government of Odisha for a three-day training for PACS Secretaries. These local leaders gained hands-on skills in agriculture, waste management, and digital literacy. Meanwhile, the OPTCL training program blended finance, compliance, and soft skills, proving that professional development can and should be holistic.

TRAINING PROGRAM FOR PACS SECRETARIES

The 3-day training program for the Secretaries of Primary Agricultural Cooperative Societies (PACS) was organized on 26th and 27th April 2024 by the Registrar of Cooperative Societies, Government of Odisha in collaboration with Centurion University, aligns strongly. The program emphasized skill development, practical learning and community-based knowledge-core components of SDG 4. It provided experiential training to 31 participants in areas such as sustainable agriculture, waste management, financial inclusion, healthcare, and digital literacy. The curriculum incorporated visits to real-life units such as the dairy, apparel, paver, pharmacy, and curcumin extraction facilities, offering participants hands-on exposure to diverse vocational sectors. Innovative sessions on drone technology, greenhouse management, integrated farming, and orchid cultivation introduced modern, sustainable solutions tailored for rural development. By focusing on both theoretical and practical knowledge, the program fostered lifelong learning technical and vocational education and encouraged skills for entrepreneurship and employability. Reflective discussions helped participants consolidate

their learnings and apply them effectively in their communities. In essence, this initiative serves as a replicable model for adult education that bridges the gap between grassroots needs and academic expertise. It empowered PACS secretaries to become active contributors to rural development, demonstrating how quality education can drive sustainable and inclusive growth in line with SDG 4.



Fig.12: Training program for the Secretaries of Primary Agricultural Cooperative Societies, 26-27 April 2024

OPTCL Training

The 15-day training programme conducted by Centurion University for 30 employees of Odisha Power Transmission Corporation Limited (OPTCL) is a remarkable example of promoting inclusive and equitable quality education and lifelong learning. Spanning from 29th February to 15th March 2024, the training emphasized experiential, interactive, and interdisciplinary learning. It covered a wide range of topics including inventory valuation, tax compliance, cost audit, terminal benefits, and finance functions, directly enhancing professional competencies and workplace productivity. Delivered by both internal faculty and external experts, the sessions encouraged critical thinking and innovation-essential components of SDG 4.4, which focuses on skills for employment and entrepreneurship. Beyond technical content, the programme emphasized soft skills, including management essentials, gender sensitization, digital communication, team building, and personal etiquette, contributing to holistic personal and professional development. Use of perception and personality games, workshops, and MS Excel training ensured that learning was both engaging and practical. The learning environment at Centurion University-including serene gardens and reflective spaces-contributed to a well-rounded educational experience, encouraging participants to rejuvenate and bond. The integration of recreation and learning reflected a balanced approach to adult education. The valedictory ceremony marked not only the conclusion of the programme but the beginning of a mind-set transformation among OPTCL employees. This initiative effectively aligns with SDG 4 by promoting lifelong learning, capacity building, and fostering innovation for a skilled and sustainable workforce.



Fig.13: OPTCL Training, 29th February to 15th March 2024

Students Take the Stage

Centurion University's student-led festivals, Culminace and Manzar 3.0, were more than cultural showcases—they were incubators of entrepreneurship, financial literacy, and creative leadership. The Avalanche Bootcamp and Hackathon pushed boundaries further, immersing participants in machine learning, AR/VR and blockchain, turning curiosity into capability.

Culminace and Manzar from the School of Management

Centurion University successfully organized two transformative student-led festivals, Culminace at the Bhubaneswar campus and Manzar 3.0 at the Paralakhemundi campus—both aligning strongly with Sustainable Development Goal 4 (SDG 4), which emphasizes inclusive and quality education and lifelong learning. Manzar 3.0, aimed at fostering managerial acumen and entrepreneurial thinking. The fest included events like Create-a-Thon, a rigorous 18-hour challenge that honed strategic thinking and real-world problem-solving. Sessions by industry experts such as Mr. Ravi Subramanian and Mr. Dev Mohapatro provided students with practical insights into finance, leadership, and innovation. Events like Capital Clash and AD Quest enhanced financial literacy and marketing skills, while the Scavenger Hunt promoted teamwork and critical thinking. The cultural night celebrated students' artistic talents, fostering

creative expression. Later in the year, Culminace, extended this educational impact through business case challenges, creative showcases, and e-sports competitions. Events like Crack the Case, Battle of Brains, and the Tarang Bazar entrepreneurial fair provided experiential learning environments where students applied theoretical knowledge to practical scenarios. The presence of theme nights, including performances by influencers and artists, created opportunities for social learning and networking. Both events encouraged holistic development, provided inclusive platforms for diverse talents, and equipped students with 21st-century skills such as leadership, communication, innovation, and digital fluency. By integrating learning with creativity and real-world engagement, Culminace and Manzar exemplified Centurion University's commitment to SDG 4, empowering youth through education that is active, accessible, and aligned with the needs of a changing world.



Fig.14. Manzar 3.0, April 8-9, 2024 (755 viewers)

SKILL TRAINING FOR AUSTRALIAN ABORIGINAL

A skill-based training program was conducted for Australian Aboriginal students from 9 June to 12 September 2024, covering two batches with a total of five participants. The initiative supported inclusive and equitable quality education by equipping learners from a marginalised

community with employable technical skills. Batch-4 focused on Multi-Skill Plumbing Training, covering plumbing practices, pump operation, basic electrical applications and solar-related components. This batch followed a structured Activity cum Lesson Planner, and was delivered through NOS-based modules combining theory with practical learning. Batch-5 centred on AFL (Activity-Based Functional Learning) and Basic EV Maintenance, offering foundational technical exposure and introductory knowledge of electric vehicle diagnostics and servicing. By providing hands-on, industry-relevant training, the program not only enhanced individual capabilities but also contributed to community empowerment and lifelong learning opportunities in line with SDG 4.



Fig.15. Skill-based training program for Australian Aboriginal students, 9 June -12 September 2024

EXPOSURE BASED TRAINING FOR OFS PROBATIONERS

Centurion University offered an immersive exposure-based training program to 24 OFS Probationers of the 2024 batch, directly advancing the goals of SDG 4-Quality Education. The

program highlighted Centurion University's commitment to inclusive, practice-oriented, and innovation-driven learning. Participants were introduced to state-of-the-art academic and skill development facilities, including advanced laboratories, the M.S. Swaminathan School of Agriculture, fisheries and hydroponic units, protected cultivation centres, renewable energy projects, and research-oriented initiatives in smart agriculture and rural livelihoods. The training emphasized experiential learning, interdisciplinary education, and real-world applicability—key pillars of SDG 4. The visit included community and cultural immersion through interactions with tribal communities, exposure to traditional knowledge systems, and engagement with faculty and leadership, reinforcing the importance of education as a tool for empowerment, sustainability, and social equity. Through this initiative, the probationers gained first-hand insight into how quality education can drive innovation, inclusivity, and community transformation.



**Visit to the Vanilla plantation and Ornamental Fish rearing at CUTM,
Paralakhemundi.**



Visiting and getting to know the implementation and practice of Hydroponic farming technologies practiced at CUTM, Paralakhemundi

Fig.16. OFS Training, 19 October 2024

“In late afternoon, we started the tour of the campus with the Garden where various flowers and plants like vanilla were grown at controlled environment. I personally witnessed how the agriculture students were doing research on the Jharbera flower plants, the research was being conducted to boost production and help the Local Farmers search for new opportunities of earning thus helping reduce the poverty among the Farmers who may not be getting the right”.

Dilip Kindo

“We visited the Saora Tribal Museum Visit, the institution likely showcased the rich traditions and heritage of the Saora tribe from Gajapati district, contributing to the conservation and awareness of tribal practices. Guided by expert Shri.Srinivasa Gamango ji, the visit enhanced

Participant

TECHNICAL VOCATIONAL EDUCATION AND ON THE JOB TRAINING WITH LEADING INDUSTRY PARTNERS

Centurion University, in partnership with Lernern India, offers Skills-Integrated and Apprenticeship-Embedded Further & Higher Education Programs designed to empower unskilled and semi-skilled workers through technical vocational education, work-integrated learning, and industry apprenticeships. These programs follow a “Learn and Earn” model, combining classroom instruction, online learning, and hands-on on-the-job training with leading industry partners, enabling students to gain practical skills while earning a stipend.

Centurion University, the first NAAC A+ accredited Skills University in India, has an internationally recognized model of industry-led, experiential learning, aligned with NEP 2020 and inspired by Australia’s TAFE and Germany/Switzerland’s dual education system. Lernern, bridges vocational education with higher education through its Work Integrated Skills Training & Apprenticeship (WISTA) program, collaborating with major companies like Haier, TATA Technologies, Godrej, and Motherson Group.

The programs are delivered across 15 states with 30 centers, serving 500,000+ trainees to date and facilitating 100,000+ youth placements in sectors such as automotive, manufacturing, apparel, textiles, BPO, and electrical systems. WISTA covers multiple pathways, including Flexi-MoU students, trade apprentices, contract staff, and embedded D.Voc/B.Voc learners, with curricula aligned to NSQF job roles and NOS standards.

Skills Integrated & Apprenticeship Embedded
Further & Higher Education Programs

Lernern India

Educator Employer Employee

Training: Our Presence in Across India

About Lernern & What we do

GTVET is a social entrepreneurial and industrial implementation- Out reach arm of Centurion University incubated under Startup Odisha

Our Presence

- 15 States / 30 Centers
- 500,000+ trainees enrolled to date
- 100,000+ youth registered for jobs

Odisha: 18 Centers
Assam, Meghalaya: 4 Centers
Punjab: 2 Centers

Jharkhand: 1 Center
UP: 1 Center
Destinations: 4 Centers (NCR, Pune, Bangalore, Coimbatore)

Delhi, HP, MP, AR, Telangana, Gujarat, Odisha, Karnataka, Rajasthan, 600+ NISG Schools

NCR, Punjab, Haryana: 1,000+ placed in Automobile & Auto component O&T, O&T

Pune, HST: 1,000+ placed in Auto component job

Bangalore: 10,000+ Placed in Apparel & Textile, O&T

Chennai, Tirupur, Coimbatore: 10,000+ Auto & Auto Component, Manufacturing O&T, Apparel & Textile

Kolkata, Jharkhand: 1,000+ Placed in BPO

Hub
 Mini Hub
 Placement Post
 Placement Support
 Center
 Center with school project
 Statewide training centers

Traditional ITI / Diploma

1,200 Hours of Classroom Training + 2,000 Hours of Practical Training

Flex Learning

540 Hours of Blended Learning + 240 Hours of Practical Training + 1,820 Hours of On-the-Job Training

Fig.17. Lernern-Skill Program, 2024

Training methodology emphasizes a blended learning approach: 20% onsite, 35% online, 25% through LMS, and 20% immersive campus-based learning, prioritizing practical, industry-

relevant skills over traditional classroom hours. The programs lead to nationally recognized accredited certifications, Diploma of Vocation (D.Voc) and Bachelor of Vocation (B.Voc) degrees, with theory-practical mix ensuring job readiness, career growth, and enhanced employability.

Key benefits for students include accredited certifications, career progression, practical skill development, and financial support through stipends, while industry partners gain a skilled, productive workforce with opportunities for CSR fund utilization and enhanced workforce retention.

Courses offered include Electrical Systems & Maintenance, Manufacturing Technology, Automobile Servicing, and Supply Chain Management, all designed for hands-on, industry-aligned training with real-world exposure and apprenticeship opportunities.

The program flow involves MoU signing, program design, candidate recruitment, onboarding, deployment, on-the-job training, and certification, with Lernern managing the end-to-end process for industry partners, effectively shaping a future-ready workforce through integrated education and practical skill development.

This initiative directly contributes to SDG 4 (Quality Education) by providing inclusive, equitable, and industry-relevant education that enables lifelong learning and employability, particularly for marginalized and semi-skilled youth.

J C KUMARAPPA TECHNOLOGY PARK AND INNOVATION CENTER

J C Kumarappa Technology Park and Innovation Center (JCK-TP-IC) is a Limited Liability Partnership (LLP) incubated with Centurion University, designed to drive sustainable development in rural India through technological advancements and skill development initiatives. Named after J C Kumarappa, a key figure in Gandhian economics who emphasized the importance of rural self-reliance, the center aims to integrate traditional rural technologies with modern innovations.

Various Units of JCK-TP-IC

1. S K Mirmira memorial Clay Studio
2. Acharya Nandalal Bose Craft Studio
3. S R Ranganathan Memorial Community Knowledge Library
4. Pandit Ravishankar Memorial indigenous music ashrama
5. Stockholm Papyrus Natural Tye Dye Studio
6. Verrier Elwin Center for Social Studies

7. Mahatma Gandhi Memorial Gram Swaraj Kendra
8. Amarendra Ghatge Bee and Wax House
9. Gangadhar Meher Textile Studio
10. Kamala Pujari Center for Sustainable Agriculture
11. V G Sioddhartha Memorial Coffee Connect
12. Rabindranath Tagore Memorial Peace Yard

Objectives of JCK-TP-IC

The center operates with several core objectives that align with sustainable development and rural upliftment:

1. **Encouraging the Advancement of Traditional Rural Technologies:** Traditional rural technologies, often overlooked in favor of modern alternatives, hold significant potential in today's sustainability-driven world. JCK-TP-IC works to preserve, refine, and advance these technologies. By improving their efficiency and relevance, the center ensures they remain viable for contemporary rural needs.
2. **Conducting Research and Fostering Innovation in Rural Technologies:** Innovation is at the heart of development. The center places great emphasis on researching traditional rural technologies to find ways of modernizing them without losing their essence. This research leads to the discovery of innovative methods that help rural communities increase productivity while being environmentally sustainable.
3. **Facilitating the Promotion and Commercialization of Rural Technologies and Products:** Rural technologies and products, though rich in cultural and practical value, often fail to reach a broader market. JCK-TP-IC acts as a bridge by promoting these products and making them accessible to larger consumer bases. The center also assists rural artisans and manufacturers in commercializing their creations, contributing to the local economy.
4. **Promoting and Marketing Rural Crafts to a Wider Audience:** India's rural crafts are a treasure trove of artistry and heritage. By marketing these crafts beyond local communities, JCK-TP-IC ensures their survival and relevance in today's market-driven economy. This not only provides financial stability to artisans but also preserves India's cultural heritage.
5. **Organizing Skill-based Training Programmes for Rural Dwellers:** Skill development is key to empowering rural communities. JCK-TP-IC has organized 35 skill-based training programs to date, connecting with 165 rural artisans. These programs focus on enhancing the technical abilities of rural dwellers, enabling them to become more self-reliant and competitive in their respective fields.

Inception and History:

Establishment: J C Kumarappa Technology Park and Innovation Center (JCK-TP-IC) was established in the year 2022 and registered as a Limited Liability Partnership (LLP) incubated with Centurion University during 2023. It was founded with the aim of leveraging technological advancements and skill development initiatives to drive sustainable development in rural India. It is situated in Paralakhemundi campus of Centurion University.

Initial Focus Areas and Activities:

1. **Integration of Traditional and Modern Technologies:** From its inception, JCK-TP-IC focused on integrating traditional rural technologies with modern innovations. This approach aimed to preserve traditional knowledge while enhancing its relevance and efficiency in contemporary rural settings.
2. **Research and Innovation:** The center prioritized research into traditional rural technologies, seeking ways to modernize them without compromising their core principles. This research led to innovative solutions that improved productivity and sustainability in rural communities.
3. **Skill Development Programs:** Early on, JCK-TP-IC initiated skill-based training programs aimed at rural dwellers, particularly artisans and craftsmen. These programs were designed to enhance technical skills, empower individuals, and promote self-reliance within rural economies.

Aim and Vision:

Goals: JCK-TP-IC operates with several core objectives:

1. **Advancement of Traditional Rural Technologies:** By refining and advancing traditional technologies, the center ensures their continued relevance and effectiveness in addressing modern challenges.
2. **Research and Innovation:** Through ongoing research, JCK-TP-IC fosters innovation in rural technologies, promoting productivity and sustainability.
3. **Promotion and Commercialization:** The center facilitates the promotion and commercialization of rural technologies and products, enhancing economic opportunities for rural artisans and manufacturers.
4. **Marketing Rural Crafts:** By marketing rural crafts to wider audiences, JCK-TP-IC supports cultural preservation and economic stability in rural areas.

Vision for Fostering Sustainable Rural Development: The center envisions a future where rural communities are empowered through technological advancements and skill development. By preserving traditional knowledge and integrating it with modern innovations, JCK-TP-IC aims to foster sustainable economic growth, cultural preservation, and environmental stewardship in rural India.

Key Units and Activities

1. S K Mirmira Memorial Clay Studio

Overview: The S K Mirmira Memorial Clay Studio focuses on the traditional art of clay crafting, teaching students the nuances of pottery and clay art.

Key Activities:

- **Training Programs:** Rural clay artisan R. Apanna trains students in pottery, emphasizing both traditional techniques and modern applications.
- **Marketing Efforts:** Products created by the artisans are marketed through the online portal, www.magicterrain.com.
- **Impact:** The studio has positively impacted 115 potters and trained 176 students, enhancing their skills and market access.

Alignment with SDGs:

- **SDG 1 (No Poverty):** Enhances income opportunities for potters, contributing to poverty alleviation.
- **SDG 4 (Quality Education):** Provides hands-on training in pottery and clay art, improving the skills of students and artisans.
- **SDG 8 (Decent Work and Economic Growth):** Promotes economic growth through skill development and entrepreneurship.
- **SDG 12 (Responsible Consumption and Production):** Supports sustainable production practices by promoting locally made products.

2. Acharya Nandalal Bose Craft Studio

Overview: This studio serves as a hub for various craft traditions, offering training to both students and local artisans.

Key Activities:

- **Artisan Collaboration:** Rural artisans conduct workshops on diverse crafts, such as Patachitra painting and paper mache.
- **Training Programs:** A total of 15 training programs have been organized, with 367 students trained in various crafts.
- **Product Development:** The studio produces oxidized silver jewelry, incorporating modern designs with traditional craftsmanship.
- **Partnerships:** Collaborated with the Handicraft Department and the Ministry of Textiles to facilitate specialized training programs.
 - **Alignment with SDGs:**
- **SDG 4 (Quality Education):** Promotes education through hands-on craft skills, enhancing learning opportunities for participants.

- **SDG 8 (Decent Work and Economic Growth):** Fosters economic development by empowering artisans and promoting local craftsmanship.
- **SDG 12 (Responsible Consumption and Production):** Encourages sustainable practices by blending traditional and modern craft techniques.
- **SDG 10 (Reduced Inequalities):** Ensures equal access to training and opportunities for all artisans, regardless of background.

3. S R Ranganathan Memorial Community Knowledge Library

Overview: The S R Ranganathan Memorial Community Knowledge Library serves as a resource hub for rural communities, promoting literacy and access to information.

Key Activities:

- **Publication Efforts:** Collaborated with illustrators to produce 150 booklets and IEC materials aimed at enhancing rural education.
- **Community Engagement:** Organized one book fair and two community fairs to promote reading and learning among local populations.
 - **Alignment with SDGs:**
- **SDG 4 (Quality Education):** Enhances access to educational resources, contributing to increased literacy and knowledge sharing.
- **SDG 10 (Reduced Inequalities):** Ensures equal access to information and educational materials for marginalized communities.
- **SDG 16 (Peace, Justice, and Strong Institutions):** Fosters informed communities that can engage more effectively in governance and advocacy.
- **SDG 17 (Partnerships for the Goals):** Collaborates with various organizations to provide diverse learning materials.

4. Pandit Ravishankar Memorial Indigenous Music Ashrama

Overview: This unit focuses on the preservation and promotion of indigenous music and dance traditions.

Key Activities:

- **Cultural Events:** Organized 15 indigenous musical and traditional dance shows on the Centurion University campus, featuring artists from diverse tribal backgrounds.
- **Training:** Trained 127 students in traditional music and performance, fostering cultural appreciation.
 - **Alignment with SDGs:**
- **SDG 4 (Quality Education):** Provides educational opportunities through music and dance training, enhancing cultural literacy.
- **SDG 11 (Sustainable Cities and Communities):** Promotes cultural heritage and community engagement, contributing to social cohesion.

- **SDG 16 (Peace, Justice, and Strong Institutions):** Fosters understanding and respect for diverse cultural expressions, promoting social harmony.
- **SDG 8 (Decent Work and Economic Growth):** Supports local artists in earning a livelihood through performances.

5. Stockholm Papyrus Natural Tye Dye Studio

Overview: This studio focuses on natural dyeing techniques, promoting eco-friendly textile practices.

Key Activities:

- **Student Training:** Trained 25 students in natural dyeing methods.
- **Workshops and Collaborations:** Organized workshops in collaboration with artisans from Raghurajpur and conducted exposure visits to Kotpad Tribal Village.

Alignment with SDGs:

- **SDG 4 (Quality Education):** Offers practical training in sustainable dyeing methods, enhancing students' skill sets.
- **SDG 12 (Responsible Consumption and Production):** Supports sustainable dyeing practices, reducing environmental impact.
- **SDG 13 (Climate Action):** Promotes eco-friendly production methods that mitigate environmental degradation.
- **SDG 8 (Decent Work and Economic Growth):** Encourages local entrepreneurship in eco-friendly textiles.

6. Verrier Elwin Center for Social Studies

Overview: This center conducts research and studies on socio-economic and cultural aspects of various tribal communities.

Key Activities:

- **Surveys and Research:** Conducted 265 surveys focusing on socio-economic conditions, tribal cultures, and traditional knowledge systems.
- **Nature Trails:** Organized 15 nature trails, educating 675 students about local biodiversity and tribal heritage.
- **Documentation:** Archived 169 Indigenous Traditional Knowledge (ITK) practices and 287 ethno-medicines.

Alignment with SDGs:

- **SDG 4 (Quality Education):** Provides educational experiences that enhance understanding of diverse cultures.
- **SDG 10 (Reduced Inequalities):** Focuses on marginalized communities, promoting their empowerment through research and documentation.

- **SDG 15 (Life on Land):** Supports biodiversity conservation through research on traditional ecological knowledge.
- **SDG 16 (Peace, Justice, and Strong Institutions):** Promotes informed community engagement through education and research.

7. Mahatma Gandhi Memorial Gram Swaraj Kendra

Overview: This unit aims to promote eco-friendly practices in local communities.

Key Activities:

- **Paper Cup Production:** Established a commercial paper cup-making unit to reduce plastic cup usage in the community.

Alignment with SDGs:

- **SDG 4 (Quality Education):** Educates the community about sustainable practices through workshops and initiatives.
- **SDG 12 (Responsible Consumption and Production):** Promotes sustainable alternatives to single-use plastics.
- **SDG 13 (Climate Action):** Reduces environmental impact by minimizing plastic waste.
- **SDG 8 (Decent Work and Economic Growth):** Creates job opportunities in sustainable manufacturing.

8. Amarendra Ghatge Bee and Wax House

Overview: This unit produces honey and natural wax crafts, emphasizing sustainable production methods.

Key Activities:

- **Product Development:** Produces honey and wax-based crafts marketed through Magic Terrain, supporting local artisans.

Alignment with SDGs:

- **SDG 4 (Quality Education):** Provides training on beekeeping and sustainable practices to community members.
- **SDG 8 (Decent Work and Economic Growth):** Creates income-generating activities for local communities.
- **SDG 12 (Responsible Consumption and Production):** Encourages sustainable sourcing and production of natural products.
- **SDG 15 (Life on Land):** Promotes biodiversity through beekeeping practices.

9. Gangadhar Meher Textile Studio

Overview: Focusing on handloom and textile production, this studio connects rural textile artists with broader markets.

Key Activities:

- **Training Programs:** Trained 15 students in handloom and textile arts.
- **Textile Fairs:** Organized 5 textile fairs on campus to promote local products.

Alignment with SDGs:

- **SDG 4 (Quality Education):** Provides education and skill development in textile arts, enhancing employability.
- **SDG 8 (Decent Work and Economic Growth):** Supports local artisans by connecting them with markets.
- **SDG 12 (Responsible Consumption and Production):** Encourages sustainable practices in textile production.
- **SDG 10 (Reduced Inequalities):** Promotes equal opportunities for artisans from various backgrounds.

10. Kamala Pujari Center for Sustainable Agriculture

Overview: This center promotes sustainable agricultural practices and food security.

Key Activities:

- **Workshops and Training:** Organized 25 workshops on Low External Input Sustainable Agriculture (LEISA) and food security, reaching 376 students.
- **Community Engagement:** Adopted a tribal village in Gumma Block, Gajapati District, and established nutritional

11. V G Sioddhartha Memorial Coffee Connect

Overview: This unit promotes organic coffee production, enhancing local agricultural practices.

Key Activities:

- **Coffee Production:** Produces organic filter coffee using beans sourced from tribal communities in Araku, Andhra Pradesh.
- **Student Training:** Trained 25 students in coffee production and marketing.
- **Café Operations:** Operates the ‘Centurion Coffee Connect’ café, run entirely by students.
 - **Alignment with SDGs:**
- **SDG 4 (Quality Education):** Provides practical training and educational opportunities in coffee production and entrepreneurship, enhancing skills and employability for students.
- **SDG 8 (Decent Work and Economic Growth):** Supports local economies by creating job opportunities in coffee production and related sectors, promoting sustainable livelihoods for rural communities.

- **SDG 12 (Responsible Consumption and Production):** Encourages sustainable agricultural practices by promoting organic coffee production, reducing the environmental impact of farming.
- **SDG 10 (Reduced Inequalities):** Ensures equitable access to training and employment opportunities for rural youth, empowering them economically.

12. Rabindranath Tagore Memorial Peace Yard

Overview: The Rabindranath Tagore Memorial Peace Yard serves as a cultural and educational space, promoting peace, sustainability, and community engagement through arts and dialogue.

Key Activities:

- **Cultural Events:** Organized 15 lectures and performances focused on traditional art, sustainability, and peace, bringing together community members and fostering intercultural dialogue.
- **Workshops:** Conducted workshops aimed at promoting peace and sustainability, involving students and local artists in collaborative projects.

Alignment with SDGs:

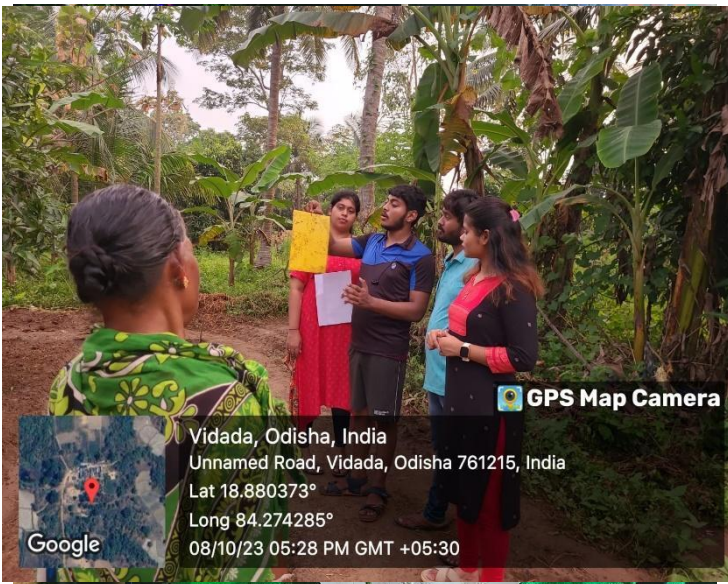
- **SDG 4 (Quality Education):** Enhances community understanding of peace and sustainability through educational programs and cultural activities.
- **SDG 16 (Peace, Justice, and Strong Institutions):** Promotes peace and social cohesion through cultural engagement and community participation in events.
- **SDG 11 (Sustainable Cities and Communities):** Fosters inclusive and sustainable communities through cultural preservation and the promotion of social values.
- **SDG 17 (Partnerships for the Goals):** Encourages collaboration among various stakeholders to promote peace and sustainability initiatives.

Photo Gallery, RTP Activities





Rural Works by RTP Students



Eye Checkup Camp in Village



Visits in RTP



Conclusion: Education as a Public Good

IMPACT OF PUBLIC EVENTS

Category	Programs / Events	Key Activities / Focus Areas	Beneficiaries	SDG Alignment
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Trainings	Exposure-Based Training for OFS Probationers	Immersive exposure to academic and skill development facilities, community and cultural immersion	24	SDG 4
	Technical Vocational Education & On-the-Job Training (Lernern India)	Learn & Earn model, industry apprenticeships, skill development, accredited D.Voc/B.Voc certifications	500,000+	SDG 4
	Skill-Based Training at JCK-TP-IC	Skill enhancement for rural artisans, traditional technologies, sustainable practices	1,665	SDG 4, 8, 12
Workshops	JCK-TP-IC Practical Workshops	Craft, clay, dyeing, textile, coffee production, music, agriculture	300+	SDG 4, 8, 12, 13, 15
	RTP / Community Workshops	Village eye checkups, skill exposure, sustainable practices	500	SDG 4, 3, 11
Seminars / Conferences	National & International Conferences (ICVBSG, GSN 3, Genetics & Genomics, AYUSH)	Academic and professional conferences covering management, AI, healthcare, agriculture, biotechnology, SDG-related discussions	2,300	SDG 4, 8, 9, 12, 13, 17
	Webinars / Technical Seminars	Emerging technologies: blockchain, AI/GenAI, AR/VR, machine learning	-	SDG 4, 9
Extension / Outreach Events	Culminace & Manzar 3.0	Student-led festivals fostering entrepreneurship, finance, soft skills, cultural leadership	1,115 (755 online + 360)	SDG 4, 8, 10
	CHSE Teachers' Training	Pedagogical development, NEP 2020 alignment, experiential learning for higher secondary teachers	33	SDG 4
	OPTCL Training	Professional skill enhancement, finance, compliance, soft skills	30	SDG 4, 8
	PACS Secretaries Training	Rural leadership, agriculture, digital literacy	31	SDG 4, 8, 11
	RTP Rural Works / Community Engagement	Eye checkup camps, village visits, skill demonstrations	~500	SDG 4, 3, 11

Total Beneficiaries	—	506,000	—
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The public events and programs organized by Centurion University in 2024 highlight its role as a knowledge hub open to all. From professional training and academic conferences to women’s leadership platforms and student-led festivals, each initiative advanced SDG 4 by promoting inclusive, equitable, and lifelong learning opportunities. By combining classroom knowledge with field immersion, skill development, and community engagement, Centurion University has demonstrated how higher education can drive both personal growth and societal transformation. In 2024–25, Centurion University reached over 506,000 beneficiaries through inclusive trainings, workshops, seminars and extension events teach-it. It didn’t just host-it empowered. From government officers to grassroots leaders, from scientists to artists, from teachers to techies, the university became a living laboratory of SDG 4, where learning was inclusive, participatory and profoundly human.



Centurion UNIVERSITY

Shaping Lives...

Empowering Communities...

didn't just