



**Centurion**  
**UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*



Times Higher Education  
**Sustainability  
Impact Network**



# SUSTAINABLE DEVELOPMENT GOAL 17 PARTNERSHIPS FOR THE GOALS



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## 1. Executive Summary

Centurion University recognises that achieving the Sustainable Development Goals (SDGs) requires collaboration across academia, government, industry, and civil society. Aligned with **SDG 17: Partnerships for the Goals**, CENTURION UNIVERSITY's partnership model fosters innovation, accelerates social impact, and ensures that the benefits of higher education extend beyond the campus to empower communities at scale.

In 2024, CENTURION UNIVERSITY expanded its **multi-stakeholder ecosystem** through over **60 strategic collaborations**- including **15 international**, **35 national**, and **10 regional partnerships**- covering domains such as renewable energy, food security, digital innovation, climate resilience, and rural livelihoods.

Globally, CENTURION UNIVERSITY strengthened its academic and research network through formal collaborations with institutions such as **Deakin University (Australia)**, **Durban University of Technology (South Africa)**, **Kathmandu University (Nepal)**, and **Ibn Tofail University (Morocco)**. These partnerships facilitated **joint publications, capacity-building programs, and faculty exchanges**, enhancing institutional visibility in the global SDG research and innovation ecosystem.

At the national level, the University forged impactful collaborations with organisations such as **ICAR, MSME, NABARD, NSDC, Skill India Mission, UNDP India, and Start-Up Odisha**, advancing inclusive growth and social entrepreneurship. Through its **Innovation & Incubation Network**, CENTURION UNIVERSITY successfully **supported 74 start-ups** across green technology, healthcare, agri-business, and renewable energy, directly contributing to India's SDG 8 and SDG 9 targets.

Community-level partnerships with **District Health Departments, Krishi Jagran, Red Cross Society**, and **local Panchayats** facilitated implementation of health camps, agri-clinics, and mobile clinics - benefiting over **2,500 rural citizens** and

offering real-world learning for CENTURION UNIVERSITY students. CENTURION UNIVERSITY also played a catalytic role in **knowledge diplomacy**, leading cross-border dialogues through the **India-Africa Agri-SEZ Model**, where CENTURION UNIVERSITY's expertise in skill-integrated education and micro-enterprise development was replicated in **Libreville, Gabon**, benefiting **27 trainees** and demonstrating South-South cooperation in action. The University's **IMPACT Framework (Innovation, Measurement & Partnership for Actionable Climate Transformation)**, developed jointly with global partners, continues to be a flagship model for collaborative sustainability action, connecting research-driven outcomes to measurable community transformation.

In 2024, Centurion University mobilised **₹12 crore in partner-funded projects** and leveraged in-kind support from academia and industry to expand its research, training, and incubation infrastructure. This approach ensures that every partnership is both **impact-oriented and outcomes-based**, aligned with UN SDG 17 targets (17.6, 17.9, 17.16, and 17.17).



Category	2024 Impact	SDGs Linked
Active MoUs	128	17
New MoUs in 2024	30+	17

International Partners	12	17
Community NGOs Engaged	10+	1, 10, 17
Skill Development Beneficiaries	1,000+	4, 8, 17
Seminars/Workshops Conducted	60+	4, 9, 17

“SDG 17 underscores the power of collaboration, uniting governments, institutions, industry, and communities to accelerate progress towards a sustainable and inclusive future.”

Summary - Our Impact on SDG 17 - Partnerships for the Goals						
Dimension	Impact Area/Indicator	Initiatives	2024 Data	Output	Impact	2030 Target
<b>Innovation</b>	Enhance North-South, South-South & triangular cooperation on science, technology, and innovation.- SDG 17.6	Cross-Sector MoU Collaborations	128 active MoUs (30 new in 2024) across academia, industry & NGOs	Research collaborations & innovation projects initiated	Strengthened knowledge transfer & cross-sector innovation	Maintain 200+ MoUs and double innovation projects by 2030
	Encourage effective public, public-private & civil-society partnerships .- SDG-17.17	Start-up Support & Incubation	74 start-ups supported (>40% women-led)	Incubation & funding through CENTURION UNIVERSITY Innovation Hub	Job creation & inclusive enterprise development	150+ start-ups with 50% women-led ventures by 2030
<b>Measurement</b>	Enhance international support for capacity building in developing countries.- SDG 17.9	Research Fund Mobilization	₹12 crore mobilized for joint initiatives	Research funds secured & impact monitored through SDG Dashboard	Strengthened financial capacity & evidence-based reporting	Target ₹25 crore with expanded global partnerships by 2030

Enhance multi-stakeholder partnerships to mobilize & share knowledge. -SDG 17.16	International Academic Collaborations	15 international collaborations (Australia, South Korea, Nepal, Morocco)	Faculty exchange, joint publications & student mobility	Global exposure & capacity building for students and staff	Expand to 30+ global partnerships and dual-degree programs by 2030
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<b>Partnership &amp; Policy</b>	Promote partnerships between government, private sector and civil society.-SDG 17.17	Government & CSR Partnerships	60+ collaborations with Govt. & CSR partners (NISM, NSDC, LTI Mindtree etc.)	MoUs& CSR initiatives for skills, health, & finance	Strengthened ecosystem for inclusive development	Triple CSR engagement & 10 govt alliances by 2030
	Strengthen global multi-stakeholder partnerships.-SDG 17.16	NGO Alliances for Community Development	10+ NGO alliances (e.g., SwasthyaSwaraj, Harsha Trust, CYSD)	Joint community programs & health camps	Improved health & livelihood outcomes in rural areas	25 NGO partnerships & 50,000 rural beneficiaries by 2030
<b>Action &amp; Implementation</b>	Capacity building for implementation of SDGs.-SDG 17.9	Vocational Training & RAWE Programs	4,000+ beneficiaries in 2024 (2,000 farmers trained)	Vocational training & RAWE agri programs executed	Enhanced employability & climate-smart agriculture skills	Train 10,000 beneficiaries across 10 districts by 2030
	Multi-stakeholder dialogues and policy exchange.-SDG 17.16	SDG Seminars & Workshops	60+ seminars & workshops in 2024	National & international dialogues on SDG themes	Elevated CENTURION UNIVERSITY's global visibility & policy influence	Organize 200+ SDG events by 2030
<b>Collaboration &amp; Community</b>	South-South and triangular cooperation.-SDG 17.6	India-Africa Agri-SEZ Model	India-Africa Agri-SEZ Model (Gabon 2024)	Joint training for 27 international trainees	Cross-border knowledge sharing & technology transfer	Extend to 5 new African/ASEAN partners by 2030
	Multi-stakeholder partnerships.-SDG 17.17	Alumni Mentoring & CSR Engagement	230 alumni engaged in mentoring & CSR partnerships	Lifelong learning & institutional collaboration extended	Stronger academic – industry continuum for impact	1,000 alumni mentors & start-up collaborators by 2030
<b>Transformation &amp; Technology</b>	Enhance capacity for data collection & reporting.-SDG 17.18	IMPACT Framework & SDG Dashboard	Planning of IMPACT Framework & online SDG Dashboard	Integrated data for SDG reporting & benchmarking	Improved accountability & digital transparency	Full automation of SDG data & benchmarking by 2030
	Global partnership networks for innovation.-SDG 17.16	Target: 50+ new alliances by 2030	Target: 50+ new cross-sector alliances by 2030	Joint research clusters & innovation centers planned	Sustained international collaboration & resource	Achieve full SDG alignment & partnership integration by 2030

					mobilization	
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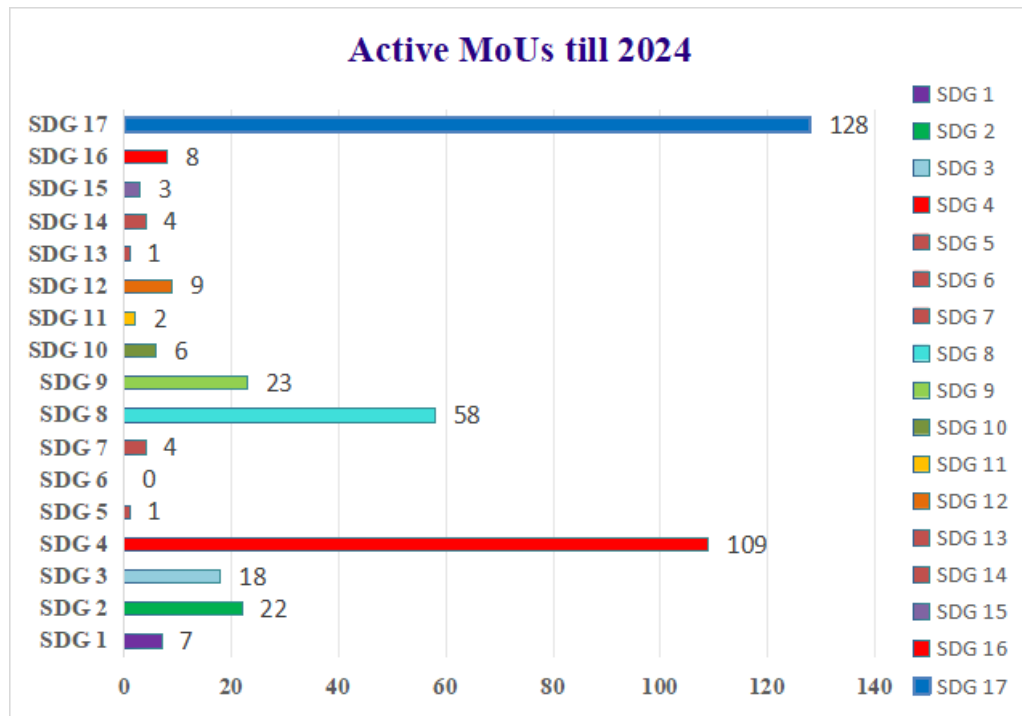
### Centurion at Glimpses

Centurion University demonstrates its strong commitment to SDG 17 by fostering partnerships across community engagement, academics, research, entrepreneurship, and social impact through its CARES framework. By collaborating with NGOs, government bodies, industries, and international institutions, the University addresses pressing social and environmental challenges while empowering local communities. Initiatives such as sustainable agriculture programs with Harsha Trust and APICOL, academic collaborations with Curtin University and NTNU, research projects with BREDS and SACAL, and policy initiatives with SVNIRTAR and NSDC exemplify how partnerships amplify impact. These collaborations not only promote knowledge exchange and skill development but also contribute to sustainable livelihoods, inclusivity, and global progress, reflecting the essence of SDG 17—‘Fostering Partnerships for a Sustainable Future.’

### "Centurion University – Powering Skills, Innovation, and Impact Across Odisha."

 <b>2,000 Teaching and non teaching staff</b>	 <b>5 campuses in Odisha 1 campus in Andhra Pradesh</b>	 <b>21 action Research programmes focused on environment, climate poverty alleviation</b>	 <b>5 social enterprises incubated and scaled</b>	 <b>40 outreach centres in remote areas</b>
 <b>52 Industry sponsored labs for integrated learning</b>	 <b>20,000+ Students</b>	 <b>200,000 school &amp; college drop out trained of which 50% are women</b>	 <b>50+ Patents</b>	 <b>100 skill courses across 12 sectors</b>

### Strengthening Bonds, Expanding Horizons: MoU Growth at Centurion University

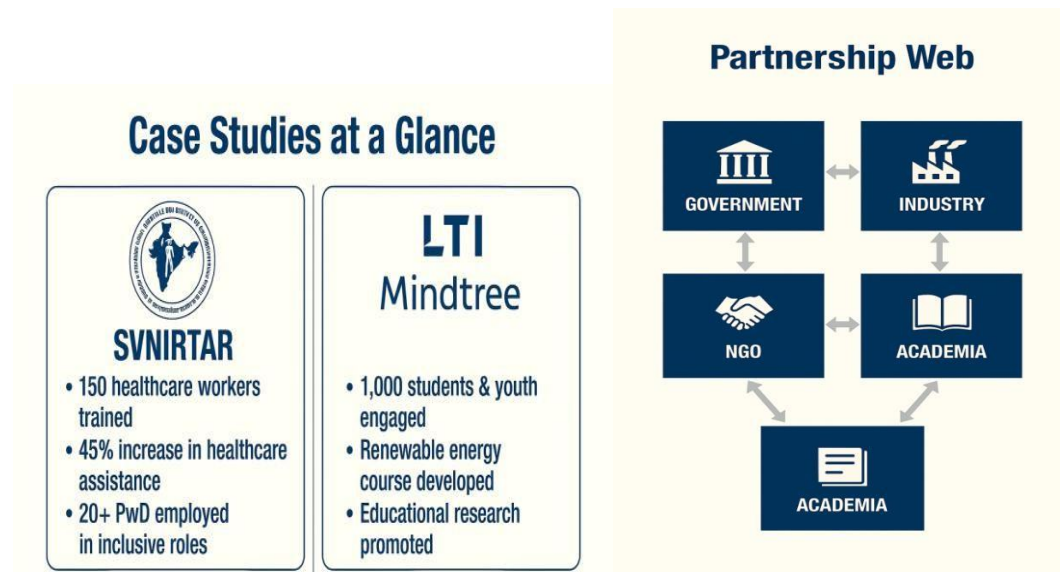


## 2. Strengthening National Partnerships

CENTURION UNIVERSITY's 2024 collaborations reflect the spirit of "From Partnerships to Progress." Each MoU signed has expanded opportunities for innovation, inclusion, and shared growth.

### Key Collaborations Include:

- SVNIRTAR (Ministry of Social Justice) – Inclusive technology and rehabilitation training (SDG 3, 4, 10, 17).
- Power Tech Pvt. Ltd. – Renewable energy innovation and student internships (SDG 7, 9, 17).
- CYSD Bhubaneswar – Community empowerment and youth leadership (SDG 1, 8, 10, 17).
- INTACH – Heritage education and cultural conservation (SDG 4, 11, 17).
- LTIMindtree Foundation – Tribal housing and Karjayakaram Skill Development Program (SDG 1, 8, 10, 17).
- Swasthya Swaraj Society – Community health programs in tribal districts (SDG 3, 10, 17).
- NISM (SEBI Initiative) – Financial literacy and market skill training (SDG 4, 8, 17).
- Bioenzyme Entrepreneurs Academy – Green entrepreneurship for sustainability (SDG 6, 12, 13, 17).



**In 2024, 30+ MoUs, One Vision: Driving Sustainable Futures Through Powerful Partnerships.**

In 2024, Centurion University reaffirmed its commitment to Sustainable Development Goal 17: Partnerships for the Goals by signing 30+ Memorandums of Understanding (MoUs) bringing total of 128 MoUs with a diverse range of national and international stakeholders. These 30+ MoUs signed in 2024 are not just agreements on paper—they are bridges of collaboration, innovation, and shared vision. From powering breakthroughs in renewable energy to nurturing digital excellence, from strengthening rural livelihoods to advancing healthcare solutions, these partnerships unlock opportunities that go far beyond classrooms and laboratories. Each MoU is a catalyst, weaving together the expertise of academia, industry, government, and civil society to create a powerful ecosystem of change. Through these alliances, Centurion University is not only building futures for its students but also driving collective action for a sustainable and inclusive world, staying true to the spirit of SDG 17: Partnerships for the Goals.

**“From partnerships to progress: Our 2024 MoU journey.”**

**List of MoUs:-**

**❖ Collaboration with SVNIRTAR- “Collaboration for Rehabilitation and Beyond”**

On 1<sup>st</sup> Feb,2024 Centurion University signed an MoU with Swami Vivekanand National Institute of Rehabilitation Training and Research (SVNIRTAR), Olatpur, a premier institute under the Ministry of Social Justice and Empowerment, Government of India. This collaboration is aimed at fostering research, training, and capacity building in the fields of rehabilitation sciences, assistive technologies, and inclusive education. Through joint initiatives, both institutions will work towards developing innovative solutions for persons with disabilities, creating opportunities for skill

development, healthcare outreach, and knowledge exchange. The partnership reflects Centurion University's commitment to equity, accessibility, and social inclusion, thereby contributing to the realization of SDG 3 (Good Health and Well-being), SDG 4 (Quality Education), and SDG 17 (Partnerships for the Goals).



❖ **Collaboration with Power Tech- “Collaborating with Power Tech to Drive Innovation and Sustainability.”**



On January 5<sup>th</sup>, 2024, Centurion University entered into an MoU with Power Tech to promote industry-academia collaboration in the field of electrical engineering, power systems, and sustainable energy solutions. This partnership focuses on establishing industry-sponsored labs, hands-on training modules, and joint research initiatives that will equip students with practical skills aligned to industry demands. Through this collaboration, students and faculty gain access to cutting-edge technologies, real-time projects, and knowledge exchange platforms, thereby strengthening employability and innovation. The alliance reflects Centurion University's mission to bridge the gap between academia and industry while contributing to SDG 7 (Affordable and Clean Energy), SDG 9 (Industry, Innovation and Infrastructure), and SDG 17 (Partnerships for the Goals).

- ❖ **Collaboration with Center for Youth and Social Development, BBSR-**
- ❖ **“Collaboration for Community Empowerment and Sustainable Development.”**



Centurion University signed an MoU with the Center for Youth and Social Development (CYSD), Bhubaneswar, a reputed NGO dedicated to sustainable development and community empowerment. This collaboration focuses on capacity building, youth leadership, rural development, and livelihood promotion, with special emphasis on marginalized communities. Through joint initiatives, the partnership will enable student engagement in field projects, research collaborations, and community outreach programs, fostering a spirit of social responsibility and experiential learning. By bridging academia with grassroots action, this alliance contributes significantly to SDG 1 (No Poverty), SDG 8 (Decent Work and Economic Growth), SDG 10 (Reduced Inequalities), and SDG 17 (Partnerships for the Goals).

❖ **Collaboration with Indian National Trust for Art and Cultural Heritage (INTACH)- “Preserving Heritage, Inspiring Futures.”**



Centurion University proudly established its Heritage Club in collaboration with the Indian National Trust for Art and Cultural Heritage (INTACH). This significant partnership, formalized through the signing of an MoU, reflects a shared vision to promote heritage conservation, cultural awareness, and sustainable practices. The initiative is designed to actively engage students in heritage education, preservation activities, and community outreach, nurturing a deep appreciation for India’s cultural wealth. By combining academic learning with real-world exposure to conservation practices, the collaboration strengthens the University’s commitment to safeguarding cultural legacies while fostering responsible global citizens. This partnership directly contributes to SDG 4 (Quality Education), SDG 11 (Sustainable Cities and Communities), and SDG 17 (Partnerships for the Goals).

❖ **Collaboration with LTI Mindtree- “Shelter Today, Sustainability Tomorrow.”**



On 27<sup>th</sup> Nov,2024 Centurion University signed an MoU with the LTIMindtree Foundation to implement a tribal housing project aimed at improving the living standards of marginalized communities. This collaboration focuses on providing sustainable, safe, and affordable housing solutions that not only address immediate shelter needs but also promote long-term community resilience and social inclusion. By combining the University’s expertise in research, innovation, and community engagement with the Foundation’s resources and commitment to social development, the partnership empowers tribal families with dignified living conditions. This initiative directly contributes to SDG 1 (No Poverty), SDG 10 (Reduced Inequalities), SDG 11 (Sustainable Cities and Communities), and SDG 17 (Partnerships for the Goals), showcasing how strategic alliances can transform lives at the grassroots level.

❖ **Collaboration with Swasthya Swaraj Society, Bhawanipatna- “Partnership for Health, Equity, and Dignity.”**

On 15<sup>th</sup> April, 2024 Centurion University signed an MoU with the Swasthya Swaraj Society, Bhawanipatna, a grassroots non-profit organization dedicated to improving health and well-being in tribal and underserved regions. This collaboration focuses on community health initiatives, preventive healthcare, and student engagement in field-based projects, enabling learners to gain real-world exposure while contributing to rural health transformation. The partnership aims to strengthen primary healthcare delivery, awareness programs, and capacity building in marginalized communities, thereby bridging gaps in access to essential services. Together, the initiative advances SDG 3 (Good Health and Well-being), SDG 10 (Reduced Inequalities), and SDG 17 (Partnerships for the Goals) by integrating academic expertise with grassroots action.

❖ **Collaboration with National Institute of Securities Markets (NISM)- “Shaping Financial Futures through Knowledge and Collaboration.”**

On 25<sup>th</sup> October,2024 Centurion University signed an MoU with the National Institute of Securities Markets (NISM), an educational initiative of SEBI, to strengthen financial literacy, market knowledge, and skill development in securities and investment sectors. This collaboration focuses on offering specialized training programs, certifications, workshops, and industry-oriented courses to students, empowering them with practical exposure and employable skills in financial markets.

The partnership bridges academia and industry to create a talent pool of financially literate professionals, contributing to SDG 4 (Quality Education), SDG 8 (Decent Work and Economic Growth), and SDG 17 (Partnerships for the Goals).

❖ **Collaboration with Bioenzyme Entrepreneurs Academy- “Chemical-Free Campus, Sustainable Future.”**



On 16<sup>th</sup> Sept, 2024 Centurion University entered into an MoU with the Bioenzyme Entrepreneurs Academy to promote eco-friendly solutions, sustainable entrepreneurship, and environmental awareness. This collaboration focuses on training students in bioenzyme production, research on green alternatives, and developing entrepreneurial ventures that support waste management and sustainability. By engaging learners in hands-on workshops, community outreach, and innovation projects, the partnership fosters green skills and circular economy practices. Together, this initiative contributes to SDG 6 (Clean Water and Sanitation), SDG 12 (Responsible Consumption and Production), SDG 13 (Climate Action), and SDG 17 (Partnerships for the Goals), reinforcing the University’s commitment to sustainability and innovation.

❖ **Collaboration With Composite Regional Centre for Skill Development, Rehabilitation, Bolangir- “Enabling Abilities, Empowering Lives.”**

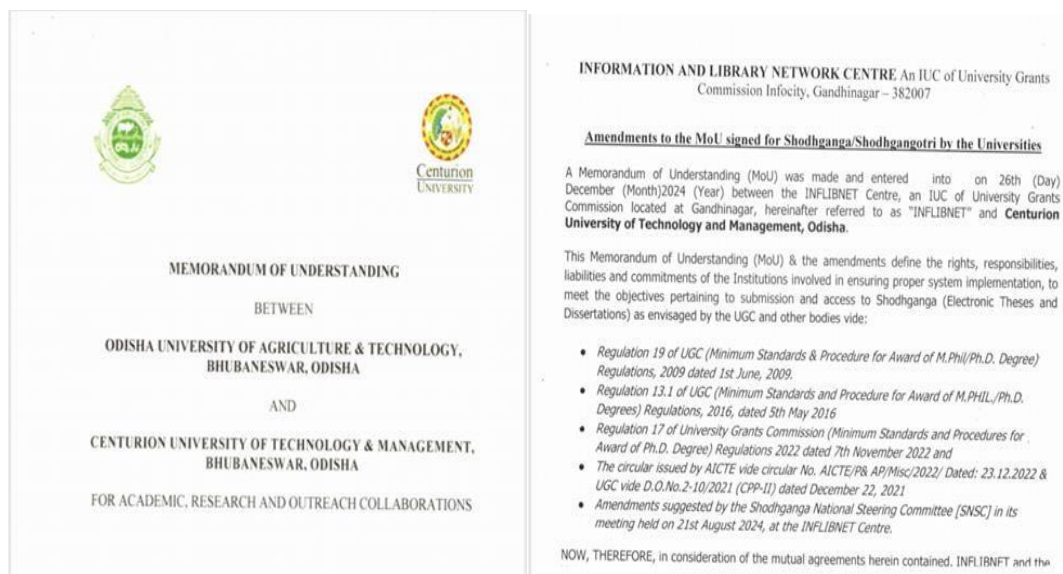
On 5<sup>th</sup> Aug, 2024 Centurion University signed an MoU with the Composite Regional Centre for Skill Development, Rehabilitation and Empowerment of Persons with Disabilities (CRC), Bolangir, under the Ministry of Social Justice and Empowerment, Government of India. This collaboration focuses on capacity building, rehabilitation training, assistive technology development, and inclusive skill education to support persons with disabilities. By engaging students in research, training, and outreach activities, the partnership fosters a culture of inclusion, accessibility, and social responsibility. Together, this initiative contributes to SDG 3 (Good Health and Well-being), SDG 4 (Quality Education), SDG 10 (Reduced Inequalities), and SDG 17 (Partnerships for the Goals), reflecting the shared commitment to creating equitable opportunities for all.

❖ **Collaboration with Horticulture Research Station & MSSSoA- “Cultivating Knowledge, Harvesting Sustainability.”**

On 14<sup>th</sup> Feb, 2024 Centurion University collaborated with the Horticulture Research Station and MSSSoA to promote research, training, and innovation in sustainable agriculture and horticulture practices. This partnership enables students and researchers to gain hands-on exposure, drive agri-based innovations, and contribute to food security and environmental sustainability, aligning with SDGs 2, 4, 12, and 17.

❖ **Collaboration with Odisha University of Agriculture & Technology, OUAT, BBSR**

On 30<sup>th</sup> Sept, 2024 Centurion University signed an MoU with the Odisha University of Agriculture & Technology (OUAT), Bhubaneswar to strengthen research, innovation, and capacity building in agriculture and allied sciences. The collaboration focuses on sustainable farming practices, technology transfer, and student training, fostering academic excellence and advancing SDGs 2 (Zero Hunger), 4 (Quality Education), 12 (Responsible Consumption and Production), and 17 (Partnerships for the Goals).



❖ **Collaboration with INFLIBNET Centre - Shodhganga**

On 26<sup>th</sup> Dec, 2024 Centurion University collaborated with the INFLIBNET Centre through Shodhganga, a digital repository of theses and dissertations, to enhance research visibility, academic integrity, and knowledge sharing. This partnership ensures global access to the university's scholarly contributions, promotes a culture of open learning, and supports SDGs 4 (Quality Education), 9 (Industry, Innovation, and Infrastructure), and 17 (Partnerships for the Goals).

❖ **Collaboration with SkillscanEdtech India Private Limited (Geeks of Gurukul (GoG)- “Empowering Learners with Future-Ready Digital Skills.”**

On 4<sup>th</sup> Dec,2024 Centurion University partnered with SkillscanEdtech India Pvt. Ltd. (Geeks of Gurukul – GoG) to strengthen digital learning, emerging technology training, and industry-ready skill development. This collaboration empowers students with advanced tech-enabled education, mentorship, and career opportunities, contributing to SDGs 4 (Quality Education), 8 (Decent Work and Economic Growth), 9 (Industry, Innovation, and Infrastructure), and 17 (Partnerships for the Goals).

❖ **Collaboration with India Private Limited (“ETS India”)- “Bridging Classrooms to Global Opportunities.”**

Centurion University signed an MoU with ETS India Pvt. Ltd., the organization behind globally recognized assessments such as TOEFL and GRE, to enhance language proficiency, global competency, and higher education opportunities for its students. This collaboration equips learners with the skills and certifications needed to pursue international academic and career pathways, aligning with SDGs 4 (Quality Education), 8 (Decent Work and Economic Growth), and 17 (Partnerships for the Goals).

❖ **Collaboration with Kalinga Institute of Health Sciences- “Partnering for Healthier Communities and Stronger Futures.”**

Centurion University entered into a collaboration with the Kalinga Institute of Health Sciences to strengthen healthcare education, research, and community outreach. The partnership focuses on capacity building, clinical training, and public health initiatives, empowering students and professionals to contribute to better healthcare outcomes. This initiative supports SDGs 3 (Good Health and Well-being), 4 (Quality Education), and 17 (Partnerships for the Goals) by advancing healthcare excellence and accessibility.

**List of Partners for SDG Policy**

Sl. No.	MoU Partner	Involvement in SDG Policy Development	SDGs Linked
1	Horticulture Research Station &MSSSoA	Joint modeling of sustainable horticulture practices	SDG 2, SDG 12, SDG 13
2	ETS India (India Pvt. Ltd)	Skill assessments aligned with national policy benchmarks	SDG 4, SDG 8
3	Coding Blocks Pvt. Ltd.	Tech skill enhancement with employment modeling	SDG 4, SDG 8, SDG 9

<b>Sl. No.</b>	<b>MoU Partner</b>	<b>Involvement in SDG Policy Development</b>	<b>SDGs Linked</b>
4	CYBERDOJO Alliance (Shraddha Nextgen Solutions Pvt. Ltd.)	AI in social development simulations	SDG 4, SDG 9
5	The Neotia University	Policy modeling in rural development and marine resources	SDG 14, SDG 15
6	CrewSphere& ICP Hub India	Blockchain for transparent SDG reporting systems	SDG 9, SDG 16, SDG 17
7	PendraniKrushak Producer Company Ltd	Grassroots agri-policy intervention and data reporting	SDG 2, SDG 12
8	Upgrad Education Pvt. Ltd.	Digital skilling policy support	SDG 4, SDG 8
9	Swasthya Swaraj Society, Bhawanipatna	Tribal health policy and intervention design	SDG 3, SDG 10
10	Kalinga Hospital Ltd	Healthcare modeling in SDG regional networks	SDG 3
11	CYSD, Bhubaneswar	Active engagement in SDG policy formation at the state level	SDG 1, SDG 5, SDG 10, SDG 17
12	Sarala Birla University	Joint policy modeling for educational outreach	SDG 4, SDG 10
13	Swain & Sons Power Tech Pvt. Ltd.	Rural electrification policy input	SDG 7, SDG 9
14	INTACH	Heritage conservation and SDG 11 policy input	SDG 11, SDG 15
15	Composite Regional Centre, Bolangir	Disability and rehabilitation policy development	SDG 3, SDG 10
16	Kilinga Institute of Health Sciences	Public health intervention modeling	SDG 3, SDG 6
17	Bioenzyme Entrepreneurs Academy	Bio-based economy policies and circular economy	SDG 12, SDG 13

Sl. No.	MoU Partner	Involvement in SDG Policy Development	SDGs Linked
		modeling	
18	OUAT, BBSR	Joint modeling of sustainable agriculture and climate resilience	SDG 2, SDG 13, SDG 15
19	NISM	Financial policy literacy and sustainable investment modeling	SDG 8, SDG 9
20	Uttam Hybrid Seeds	Modeling climate-resilient crops with policy alignment	SDG 2, SDG 13
21	SkillsScanEdtech (GoG)	National-level digital skilling policy support	SDG 4, SDG 8, SDG 9

### 3. Global Engagement and International Partnerships

CENTURION UNIVERSITY has strengthened its international footprint by signing MoUs with 12 global institutions across 8 countries. These collaborations foster student mobility, joint research, and global exposure.

#### Highlighted Global Partnerships (2024):

- Western Sydney University (Australia): Academic exchange & sustainability research (SDG 3, 4, 9, 17).
- Monash University (Australia): Joint research on renewable energy & innovation (SDG 4, 8, 9, 17).
- Durban University of Technology (South Africa): Sustainable agriculture & entrepreneurship (SDG 4, 7, 8, 17).
- Daffodil International University (Bangladesh): ICT & renewable energy research (SDG 4, 9, 17).
- Republic of Zimbabwe: Scholarships, skills & renewable energy cooperation (SDG 4, 7, 8, 17).
- GCSAYN (Global): Climate-smart agriculture & youth innovation (SDG 2, 7, 13, 17).
- Pharmodia FZC (UAE): Research and training in pharma and health innovation (SDG 3, 9, 17).
- International National Online University (USA): Digital learning collaboration (SDG 4, 9, 17).

#### International Collaboration-Building Bridges for a Sustainable Future

Centurion University actively engages in international collaborations to foster knowledge exchange, advance cutting-edge research, and nurture global competencies among students and faculty. By partnering with leading institutions worldwide, the university enables joint research, academic mobility, and cross-cultural learning opportunities. These initiatives reinforce CENTURION UNIVERSITY's commitment to SDG 17: Partnerships for the Goals, paving the way for sustainable and inclusive development that transcends borders.

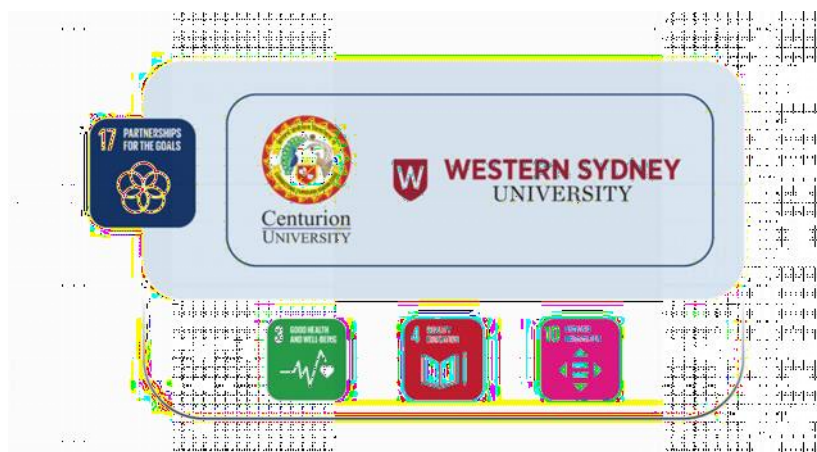
Some of the list are as follows:-

❖ **MoU with International National Online University-USA**

On 25.03.2024 Centurion University signed an MoU with the International National Online University, USA, to expand opportunities in digital learning, global knowledge exchange, and academic collaboration. This partnership enhances student and faculty engagement in online education, research, and cross-border innovation, Other exchanges of academic and cultural Initiatives supporting SDGs 4 (Quality Education), 9 (Industry, Innovation, and Infrastructure), and 17 (Partnerships for the Goals).

❖ **MoU with Western Sydney University- “Strengthening Global Ties Through Education and Innovation.”**

Centurion University entered into an MoU with Western Sydney University, Australia, to promote academic exchange, joint research, and global learning opportunities. This collaboration strengthens student mobility, faculty development, and cross-disciplinary innovation, fostering a strong international academic network that contributes to SDGs 3 (Good Health and Well-being), 4 (Quality Education), 9 (Industry, Innovation, and Infrastructure), 10 (Reduced Inequalities), and 17 (Partnerships for the Goals).



❖ **MoU With Rastriya Banijya Bank Ltd, RBBL, Kathmandu, Nepal- “Cross-Border Partnership for Financial Empowerment.”**

On 02-02-2024, Centurion University signed an MoU with RastriyaBanijya Bank Ltd., Kathmandu, Nepal, highlighting its commitment to international collaboration for the SDGs. The partnership focuses on financial inclusion, rural banking, and community-based economic empowerment through research, exchange programs, and financial literacy initiatives. By sharing best practices and co-developing sustainable banking models, the collaboration aims to create scalable solutions for underserved populations that can be replicated across developing regions.



❖ **MoU with Pharmodia FZC-LLC, UAE- “Innovating Healthcare Through Global Partnerships.”**

Centurion University signed an MoU with Pharmodia FZC-LLC, UAE, on 01.06.2024 to advance research, training, and innovation in pharmaceutical sciences and healthcare solutions. The collaboration focuses on knowledge exchange, skill development, and industry-academia partnerships, enabling students and faculty to engage in global practices and applied research. This initiative supports SDGs 3 (Good Health and Well-being), 4 (Quality Education), 9 (Industry, Innovation, and Infrastructure), and 17 (Partnerships for the Goals).

❖ **MoU with LEO Global Overseas Educational Consultancy.**

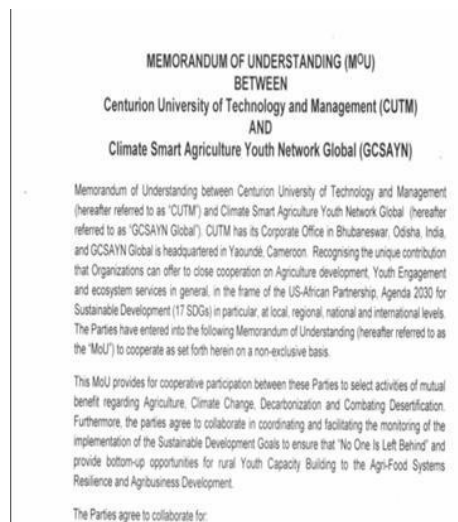
Centurion University has partnered with LEO Global Overseas Educational Consultancy to expand international academic collaboration and student mobility. This MoU enables students to access global programs, scholarships, and exchange opportunities while fostering cross-border research, internships, and professional skill development. Through this collaboration, Centurion University strengthens its commitment to quality education, global employability, and sustainable partnerships, preparing students to thrive in a connected world. Different SDG linkages are SDG-4 (Quality Education), SDG-8 (Decent Work and Economic Growth) & SDG- 17 (Partnerships for the Goals).

❖ **MoU with The Republic of Zimbabwe-**



Centurion University has signed a Memorandum of Understanding (MoU) with the Republic of Zimbabwe, marking a major step in strengthening India–Africa educational and development cooperation. The partnership emphasizes Provision of Scholarships to Zimbabwean Students, capacity building, academic exchange, research collaboration, and skill development aligned with national and regional priorities, while fostering student and faculty mobility. Joint initiatives in agriculture, renewable energy, healthcare, and sustainable livelihoods will advance both nations’ efforts in building resilient communities and human development. This collaboration also paves the way for knowledge transfer, policy innovation, and cross-cultural learning, positioning Centurion University as a global partner in sustainable growth. The MoU aligns strongly with the UN Sustainable Development Goals (SDGs): SDG 4 (Quality Education) by expanding access to global learning and skills, SDG 7 (Affordable and Clean Energy) by promoting renewable energy solutions, SDG 8 (Decent Work and Economic Growth) by creating skill-based employment and entrepreneurship pathways, and SDG 17 (Partnerships for the Goals) by fostering robust international cooperation.

❖ **MoU with Climate Smart Agriculture Youth Network Global (GCSAYN)**



Centurion University has signed a Memorandum of Understanding (MoU) with the Climate Smart Agriculture Youth Network Global (GCSAYN), on 30<sup>th</sup> Dec, 2024 for a leading international platform dedicated to promoting sustainable agriculture and

climate action. This collaboration focuses on capacity building, youth engagement, research, and skill-based training in areas such as climate-smart agriculture, food security, renewable energy, and sustainable livelihoods. By fostering student participation in global initiatives, internships, and innovation projects, the MoU enhances cross-border knowledge exchange and prepares learners to become climate-resilient leaders. The partnership directly contributes to the UN Sustainable Development Goals, particularly SDG 2 (Zero Hunger), SDG 4 (Quality Education), SDG 7 (Affordable and Clean Energy), SDG 13 (Climate Action), and SDG 17 (Partnerships for the Goals), reinforcing Centurion University's role as a global partner in sustainability.

#### ❖ **MoU with Monash University, Victoria, Australia**

On 30th July, 2024 Centurion University has signed a Memorandum of Understanding (MoU) with Monash University, Victoria, Australia, a globally renowned institution recognized for excellence in research, innovation, and education. This collaboration emphasizes academic exchange, joint research projects, faculty and student mobility, and knowledge-sharing initiatives across key areas such as sustainability, healthcare, engineering, renewable energy, digital technologies, and social innovation. Through opportunities including cutting-edge research, dual-degree pathways, internships, and innovation-driven projects, the MoU enhances international exposure and employability for students and faculty. By fostering strong cross-border collaboration, the partnership supports efforts to tackle global challenges through education, innovation, and community development, while advancing the UN Sustainable Development Goals: SDG 4 (Quality Education) by expanding world-class learning opportunities, SDG 8 (Decent Work and Economic Growth) by promoting innovation-driven careers, SDG 9 (Industry, Innovation, and Infrastructure) by advancing collaborative research, and SDG 17 (Partnerships for the Goals) by strengthening international cooperation for sustainable development.

#### ❖ **MoU with Durban University of Technology, South Africa**

On 04th October, 2024 Centurion University has signed a Memorandum of Understanding (MoU) with the Durban University of Technology (DUT), South Africa, to strengthen India–Africa academic and research cooperation. The partnership focuses on faculty and student exchange, joint research, innovation-driven projects, and capacity building in areas such as sustainable agriculture, renewable energy, digital technologies, entrepreneurship, and healthcare. By promoting cross-cultural learning, international exposure, and skill-based programs, the MoU enhances employability and innovation while addressing global challenges. This collaboration supports the UN Sustainable Development Goals, particularly SDG 4 (Quality Education), SDG 7 (Affordable and Clean Energy), SDG 8 (Decent Work and Economic Growth), SDG 9 (Industry, Innovation, and Infrastructure), and SDG 17 (Partnerships for the Goals).

#### ❖ **MoU with Daffodil International University, Bangladesh**

Centurion University has signed a Memorandum of Understanding (MoU) with Daffodil International University (DIU), Bangladesh, on 18<sup>th</sup> March, 2024 to strengthen regional collaboration in education, research, and innovation. The partnership promotes faculty and student exchange, joint research, skill development, and knowledge-sharing in areas such as sustainability, ICT, entrepreneurship, and renewable energy. By enabling cross-border learning, internships, and innovation opportunities, the MoU enhances global exposure and employability while addressing shared regional challenges. This collaboration aligns with the UN Sustainable Development Goals, particularly SDG 4 (Quality Education), SDG 8 (Decent Work and Economic Growth), SDG 9 (Industry, Innovation, and Infrastructure), and SDG 17 (Partnerships for the Goals).

#### **4. Conferences, Seminars & Knowledge Exchange**

In 2024, CENTURION UNIVERSITY organized over 60 academic and outreach events, each fostering multi-sectoral engagement and SDG awareness.

Key Highlights:

- Agri Vision 2024 – International conference on sustainable agriculture with ICAR-NRRI (SDG 2, 13, 17).
- Viksit Bharat Conference (ICVBSG-2024) – Co-hosted with ORSI and global experts from 15 countries (SDG 9, 12, 17).
- International Conference on Materials for Sustainable Environment (ICMSE 2024) – Research forum linking SDG 9, 12 & 17.
- Workshops on Bioenzymes, IoT, and AI in Agriculture – Technology-driven sustainability dialogues.
- Indo-German Seminar on Health, Safety & Social Security – International collaboration for workplace well-being (SDG 3, 8, 17).

#### **Seminars, Conferences & Workshops**

##### **“Building Bridges Through Cross Sectoral Dialogue, Collaboration, and Global Partnerships.”**

Centurion University actively organizes and participates in seminars, conferences, and workshops that bring together academia, industry, government, and civil society to exchange ideas, share knowledge, and develop collaborative solutions for sustainable development. These platforms serve as catalysts for cross-border dialogue, policy discussions, and innovation-driven partnerships, enabling stakeholders to address pressing global challenges collectively. By fostering international academic collaborations, multi-stakeholder engagement, and capacity building, the University strengthens its role as a hub for global cooperation. Such initiatives directly contribute to SDG 17 (Partnerships for the Goals) by promoting inclusive networks, enhancing institutional linkages, and building long-term strategies for sustainability and social impact.

- ❖ **AGRI VISION-** Centurion University participated in 6<sup>th</sup> International Conference on Agriculture for Sustainable Development (Agri Vision-2024), from 19<sup>th</sup> Jan to 21<sup>st</sup> Jan,2024 Organized by SARM in collaboration with ICAR- NRRI.



- ❖ **Centurion University Successfully Concludes Health, Safety & Social Security Seminar in Collaboration with Indo-German Focal Point**

Centurion University organized a seminar on “Health, Safety & Social Securities” with the objective of fostering awareness and dialogue among students, staff, and faculty. The event emphasized the need to create a safe, healthy, and inclusive environment within educational institutions and industries, promoting a holistic approach to well-being.





❖ **2nd International IEEE Conference on Signal Processing, Communication, Power, and Embedded Systems (SCOPE-2024):**

The 2nd International Conference on Signal Processing, Communication, Power, and Embedded Systems (SCOPE-2024), hosted by the Department of Electronics and Communication Engineering, Centurion University from 19<sup>th</sup> December, 2024, and concluded on a high note on 21st December 2024. With participation from over 300 delegates, SCOPE-2024 this three-day event served as a vibrant platform for exchanging ideas, exploring technological advancements, and promoting sustainable engineering solutions for the future.



The conference witnessed overwhelming participation, with **654 research papers** submitted by authors from around the world. Approximately **916 reviewers** from across the globe provided their valuable feedback on these technical papers through Microsoft CMT. Following a rigorous review process, **242 papers** were selected for presentation, including **12 international submissions** from countries such as the USA, Australia, South Africa, Sri Lanka, Saudi Arabia, and Malaysia. The selected papers covered a diverse range of topics, including signal processing, communication systems, power electronics, and embedded technologies.

**Chief Patron :**  
Prof. (Dr.) Mukti Kanta Mishra, President, CUTM, Odisha & Andhra Pradesh  
Prof. D. N. Rao, Vice-President, CUTM, Odisha & Andhra Pradesh

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**General Chairs:**  
Prof. (Dr.) Anita Patra, Registrar, CUTM, Odisha  
Prof. (Dr.) Subhranshu Samantaray, IIT BBS, Odisha

**Program Chairs:**  
Dr. Prafulla Kumar Panda, CUTM, Odisha  
Dr. Debendra Kumar Sahoo, CUTM, Odisha

**Convener:**  
Prof. (Dr.) Ashok Misra, CUTM, Odisha

**Co-Convener :**  
Prof. Prabhat Kumar Patnaik, CUTM, Odisha  
Prof. Satyanarayan Padhy, CUTM, Odisha

**Key Note Speaker**

Prof. (Dr.) Naeem Hannon, University of Teknologi MARA, Shah Alam, Malaysia  
Prof. (Dr.) Amit Mishra, Aberystwyth University, Sweden  
Prof. (Dr.) Bansidhar Majhi, VC, VSSUT, Burla, India  
Prof. (Dr.) Tapan Gaendhi, IIT Delhi, India  
Prof. (Dr.) Ganapati Panda, Former Dy. Director, IIT BBS, India  
Prof. (Dr.) Sarat Patra, Director, NIT Agartala, India

**Venue**  
CUTM, At: Village Alluri Nagar, PO. : R-Sitapur, Via: Uppalada Paralakhemundi, Dist: Gajapati-761211, Odisha, India  
Phone: (06815) 222999, 223088, Fax: (06815) 222150

**Approach to Venue**

**Contact Information**  
**SCOPES Office**  
Room No: F-221, 2nd Floor, CRC-2, Dept of ECE, School of Engineering & Technology, CUTM Allurinagar, At : R-Sitapur, Paralakhemundi Dist- Gajapati, Odisha, India, Mob : +91 7008242454 Mail ID : scopes2024@cutm.ac.in Website : scopes24.cutm.ac.in

**Dr. Debendra Kumar Sahoo, Program Chair**  
Contact : +91 7008242454  
**Dr. Ashok Misra, Convener**  
Contact : +91 9937563329  
**Prof. Prabhat Kumar Patnaik, Co-Convener**  
Contact : +91 7008701920  
**Prof. Satyanarayan Padhy, Co-Convener**  
Contact : +91 8917440019

**IEEE**  
Advancing Technology for Humanity

**2<sup>nd</sup> International Conference on Signal Processing, Communication, Power & Embedded System (SCOPES-2024)**  
19<sup>th</sup> - 21<sup>st</sup> December 2024

Organised by  
Department of Electronics and Communication Engineering  
School of Engineering and Technology  
Centurion University of Technology and Management, Odisha  
( Accredited with NAAC Grade A\* )

**Technical Co-Sponsor**  
IEEE Kolkata Section, Bhubaneswar Subsection

SCOPES-2024 featured insightful keynote sessions led by esteemed professionals **Dr. P. S. R. SrinivasaSastry**, *Founder & Former Director, DSP, DRDO, Hyderabad*, **Prof. (Dr.) NaeemHannon**, *University of Teknologi MARA, Malaysia.*, **Dr. Raffaele Scuderi**, *Electromagnetics Industry Process Consultant and SIMULIA EMAG Specialist*, **Ms. RenukaSrinivasan**, *Director, SIMULIA India, Dassault Systems*, **Prof. (Dr.) Ganapati Panda**, *Former Deputy Director, IIT Bhubaneswar*, **Mr. Sunil Sabat**, *Principal Program Manager, Microsoft Corporation.*, **Prof. H. K. Ratha**, *Chair, IEEE Bhubaneswar Sub-section & Retired Director, ITR, Chandipur*, **Mr. Purna Chandra Mohanty**, *CEO, Marquee Semiconductor*, **Dr. JagannathNayak**, *Director, DRDO, Hyderabad*,

❖ **Vikshit Bharat: Innovative Business, Agriculture, Technology And Resource Management For Sustainable Growth**



Centurion University hosted the International Conference on Viksit Bharat: Innovative Business, Agriculture, Technology and Resource Management for Sustainable Growth (ICVBSG-2024) on September 26-27, 2024, at the School of Management, Paralakhemundi Campus, Odisha, India, in collaboration with the Odisha Research & Innovation Society (ORSI), Bhubaneswar. Aligned with India's vision for a developed Bharat by 2047, the conference focused on driving sustainable development, inclusive growth, and technological advancements through innovative strategies in business, agriculture, disruptive technologies, and resource management. CENTURION UNIVERSITY contributed through organizing keynote sessions by international experts such as Dr. Athula Ginige (Western Sydney University, Australia), Prof. Moni Madaswamy (Former Director General, National Informatics Center, India), and Dr. Avvari V. Mohan (Monash University, Malaysia); a panel discussion on “Sustainable Development for Vikshit Bharat: Way Forward” chaired by Ms. Abha Mishra with panelists from diverse sectors; and a dedicated student track “Ideas from Youth for Viksit Bharat @ 2047,” featuring over 160 abstracts presented by participants from 15 countries including Australia, the Netherlands, and India. The university engaged with government bodies (e.g., National Informatics Center), international academia, industry professionals, NGOs, and youth to discuss pressing issues in sustainable agriculture, management practices, and innovation for inclusive growth. Notable outcomes included policy insights on sustainability, awards for outstanding paper presentations (e.g., Best Student Paper to Ms. M. Geetika from CENTURION UNIVERSITY's School of Engineering), and the amplification of youth-led ideas, reinforcing the university's commitment to SDG 17 (Partnerships for the Goals) alongside SDG 2 (Zero Hunger), SDG 9 (Industry, Innovation and Infrastructure), and SDG 12 (Responsible Consumption and Production) through vibrant cross-sectoral dialogues.

#### ❖ **Seminar on Biodiversity of Tribal Pockets of Eastern Ghat and Environmental Sustainability**

Centurion University organized the Seminar on Biodiversity of Tribal Pockets of Eastern Ghats and Environmental Sustainability on 13th February 2024, bringing together researchers, academicians, local communities, and environmental experts. The seminar highlighted the rich biodiversity of tribal regions, sustainable livelihood practices, and conservation challenges, while fostering collaborations with NGOs, government bodies, and tribal stakeholders. This multi-stakeholder engagement not

only strengthened SDG 17 (Partnerships for the Goals) but also advanced SDG 13 (Climate Action), SDG 15 (Life on Land), and SDG 1 (No Poverty) by promoting ecological balance alongside community well-being.

❖ **State-Level Seminar on Aquaponics**

Centurion University hosted the State-Level Seminar on Aquaponics, on 8<sup>th</sup> Feb, 2024, creating a collaborative platform for farmers, researchers, entrepreneurs, and students to explore sustainable food production systems. The seminar emphasized the integration of aquaculture and hydroponics as an innovative solution for resource-efficient farming, ensuring food and nutritional security. By engaging multiple stakeholders, the event reinforced SDG 17 (Partnerships for the Goals) while contributing to SDG 2 (Zero Hunger), SDG 12 (Responsible Consumption and Production), and SDG 13 (Climate Action) through knowledge sharing and capacity building.

❖ **A Talk on Education for Being Responsible SDG Professionals**

On January 27, 2024, the School of Management at Centurion University organized a talk on “Education for Being Responsible SDG Professionals” with Ms. Jen Dollin, Director of Sustainability and External Partnership at Western Sydney University, as the keynote speaker. Ms. Dollin highlighted key sustainability challenges such as urbanization, biodiversity loss, and multicultural dynamics, and emphasized the importance of interdisciplinary knowledge, systemic thinking, and stakeholder communication. She also presented the 2023 SDG Impact Rankings, drawing attention to top-priority goals including Gender Equality (SDG 5), Responsible Consumption and Production (SDG 12), and Partnerships for the Goals (SDG 17). The interactive session fostered student engagement and critical thinking, aligning with Centurion University's commitment to integrating SDG principles into higher education and professional development.



#### ❖ **State-Level Seminar on Wildlife Perspective in Odisha**

Centurion University organized the State-Level Seminar on Wildlife Perspective in Odisha, on 8<sup>th</sup> Feb, 2024 in collaboration with state government bodies and environmental NGOs, bringing together government officials, forest department representatives, NGOs, researchers, and students to deliberate on the state's rich biodiversity and the challenges of wildlife conservation. The seminar highlighted critical issues such as habitat loss, human-wildlife conflict, and sustainable conservation practices, while also promoting awareness among youth about ecological stewardship. By fostering dialogue and collaboration across multiple stakeholders, the event contributed to SDG 15 (Life on Land) and SDG 17 (Partnerships for the Goals), reinforcing the importance of joint efforts in preserving Odisha's natural heritage.

#### ❖ **Environmental Science Sustainable Agriculture & Human Health**

Centurion University hosted a seminar on Environmental Science, Sustainable Agriculture & Human Health, which served as a platform for researchers, practitioners, policymakers, and students to exchange knowledge on the interlinkages between environment, food systems, and public health. Discussions focused on climate-resilient agriculture, eco-friendly technologies, biodiversity conservation, and their direct impact on human well-being. The event emphasized collaborative approaches to promoting sustainable farming practices, improving nutrition, and reducing environmental risks. Aligning with SDG 3 (Good Health and Well-being),

SDG 12 (Responsible Consumption and Production), and SDG 17 (Partnerships for the Goals), the seminar reinforced the role of multi-stakeholder cooperation in building healthier communities and sustainable ecosystems.

❖ **Symposium on Wildlife and Biodiversity Conservation**



Centurion University organized a Symposium on Wildlife and Biodiversity Conservation, on 20<sup>th</sup> Feb,2024 bringing together government officials, environmentalists, NGOs, researchers, and students to deliberate on strategies for protecting ecosystems and endangered species. The symposium highlighted the urgent need for conservation policies, sustainable livelihood practices for forest-dependent communities, and the integration of modern science with traditional ecological knowledge. It also fostered collaborations for habitat restoration, community-based conservation programs, and awareness-building among youth. Aligning with SDG 15 (Life on Land) and SDG 17 (Partnerships for the Goals), the event reinforced the importance of collective action and cross-sectoral partnerships in safeguarding biodiversity for future generations.

❖ **4th National Chilika Birds Festival - 2024-(28<sup>th</sup> Jan- 2<sup>nd</sup> Feb)**



Centurion University actively participated in the 4th National Chilika Birds Festival –

2024, a flagship event celebrating the rich biodiversity of Chilika Lake, Asia's largest brackish water lagoon. The festival brought together government bodies, conservation organizations, researchers, bird watchers, and local communities to promote bird conservation, eco-tourism, and sustainable livelihood opportunities. Through workshops, field visits, and interactive sessions, the event emphasized the importance of protecting migratory species, preserving wetlands, and fostering environmental stewardship. In alignment with SDG 14 (Life Below Water), SDG 15 (Life on Land), and SDG 17 (Partnerships for the Goals), the festival reinforced the value of collaborative action in conserving ecosystems and promoting sustainable development.

❖ **Odisha Wildlife Conclave - 2024**



Held on March 3, 2024, at JaydevBhawan, Bhubaneswar, Centurion University contributed to the Odisha Wildlife Conclave – 2024, a landmark event uniting government agencies, forest officials, NGOs, conservationists, researchers, and students to deliberate on strategies for wildlife protection and ecosystem management. The conclave focused on critical issues such as habitat conservation, protection of endangered species, community-based conservation models, and sustainable eco-tourism. It also highlighted the role of indigenous knowledge and youth participation in preserving Odisha's biodiversity. By fostering multi-stakeholder partnerships and knowledge exchange, the conclave strongly aligned with SDG 15 (Life on Land) and SDG 17 (Partnerships for the Goals), reinforcing the need for collaborative action to secure ecological balance and sustainable futures.

❖ **International Conference on Materials for Sustainable Environment - ICMSE 2024**



Centurion University organized the International Conference on “Materials for Sustainable Environment” (ICMSE 2024) on 27th and 28th March 2024 in hybrid mode, hosted by the School of Applied Sciences at the Bhubaneswar campus. The event brought together eminent scientists, researchers, academicians, and industry professionals from India and abroad to discuss innovations and challenges in the use of sustainable materials. Keynote speeches and technical sessions covered diverse topics like nanotechnology, biotechnology, polymer composites, green materials, and sustainable industrial practices, all aligned with the UN Sustainable Development Goals (SDGs), particularly SDG 9 (Industry, Innovation and Infrastructure) and SDG 12 (Responsible Consumption and Production). Esteemed guests included Prof. Chittaranjan Kole (DAE, Govt. of India), Prof. Karunakar Nanda (Institute of Physics), and other international scholars from Japan, Ireland, and Ethiopia. The conference also featured poster presentations, a cultural program, and a valedictory session recognizing outstanding contributions. It served as a vibrant interdisciplinary platform for exchanging knowledge and promoting environmentally sustainable research and development.



❖ **Faculty Development Programme On Cutting Edge Advancement & Innovation In Electrical Electronics & Communication Engineering on 1<sup>st</sup>- 5<sup>th</sup> July, 2024**

Centurion University organized a Faculty Development Programme (FDP) on Cutting-Edge Advancement & Innovation in Electrical, Electronics & Communication Engineering from 1<sup>st</sup>–5<sup>th</sup> July 2024. The program aimed to enhance the technical expertise of faculty members through exposure to emerging technologies such as IoT, renewable energy systems, advanced communication networks, and

smart electronics. It facilitated knowledge-sharing sessions, hands-on training, and discussions led by industry experts and academic leaders, fostering innovation and research-driven teaching practices. By equipping educators with advanced skills, the FDP contributed to building a future-ready workforce. The initiative aligned with SDG 4 (Quality Education), SDG 9 (Industry, Innovation, and Infrastructure), and SDG 17 (Partnerships for the Goals), highlighting the role of academia–industry collaboration in advancing sustainable technological growth.

<p><b>About the University</b></p> <p>Centurion University is a leader in "Skill Integrated Higher Education," focusing on sustainable livelihoods through employability and entrepreneurship. Recognized by governments, UNESCO, the World Bank, and Nib Ayog, its School of Vocational Education and Training was recently designated a Center of Excellence by the Ministry of Skill Development and Entrepreneurship, the only university in India to receive this honor. Centurion aims to be a premier human resource development hub, offering industry-relevant education, skill development, entrepreneurship, and technology. Its credo, "Shaping Lives. Empowering Communities," is grounded in inclusivity, integrity, equity, respect, and sustainability. Founded in 2005 and established as a university in 2010 (Odisha Act 4 of 2010), Centurion has crafted tailored learning and employability pathways for youth in underserved areas of Odisha and Andhra Pradesh. Since 2015, it has embraced the Sustainable Development Goals (SDGs), integrating nine specific SDGs into its strategy and operations. This commitment has created an environment where education and skill development translate into meaningful societal impact, contributing indirectly to nearly all 17 SDGs.</p>	<p><b>About Dept of EEE</b></p> <p>Electrical and Electronic Engineering is one of the most sought after engineering course in the country. It has immense potential and increasingly exciting future prospects. Electrical and Electronic engineering is broadly known as electrical power engineering &amp; electronic engineering. These engineers are responsible for designing, developing, testing and supervising the production of electrical and electronic equipment and machinery. Broadcast and telecommunication systems, power generation, controls of machinery, lights and wiring in building complexes, vehicles, electric motors, radar and navigation systems, aircraft, control and transmission devices which are used by electric. They may also work in fields related to IT and IT enabled services.</p>	 <p><b>Faculty development Programme</b> on <b>Cutting Edge Advancements &amp; Innovations in Electrical Electronics &amp; Communication Engineering</b></p> <p><b>Date : 1<sup>st</sup> -5<sup>th</sup> July - 2024</b></p>						
<p><b>About Dept of ECE</b></p> <p>Department of Electronics and Communication Engineering aims to produce qualified and dynamic engineers in the fast-changing area of Smart Devices, Mobile emerging technologies, automation, Industrial IoT, and VLSI. The Department has sophisticated and modern laboratory equipment and software/tool (HFSS, CADENCE, MATLAB, MULTISIM, KEIL, Vision, LABVIEW) for research and development work in the areas of Antenna and Microwave Engineering, Signal Processing and Communication, VLSI and Embedded System. The department of ECE undertakes real-time application projects in Smart Irrigation, Industrial IoT, Soil Moisture Prototype Development, Insulin Pump Prototype Development and Chip Design.</p>	<p><b>Key-note Speaker</b></p> <p>Prof. Bidyadhar Subudhi- Director, NIT, Warangal</p> <p><b>Experts from Academics</b> Prof. Pravat Kumar Ray - Professor, NIT Rourkela Prof. Bibhu Prasad Panigrahi - Professor, IGIT, Sarang Dr. Basant Kumar Sethi - Asst prof., NIT Surat Dr. Nishant Kumar- Asst. Prof., IIT Jodhpur Dr. Shailendra Kumar- Asst. Prof., IIT Bhillai Dr. M. Chakkarapani - Asst Prof., NIT Trichy Dr. Rasewari Pradhan - Asst. Prof., VSSUT, Burla Dr. Soumya R. Mahapatro - Assoc. Prof., VIT, Chennai</p>	<p><b>Coordinators :</b></p> <table border="0"> <tr> <td>Prof. Prabhat Kumar Pattnaik</td> <td>Dr. Prangya Parimita Pradhan</td> <td>Dr. Abinash Rath</td> </tr> </table>	Prof. Prabhat Kumar Pattnaik	Dr. Prangya Parimita Pradhan	Dr. Abinash Rath			
Prof. Prabhat Kumar Pattnaik	Dr. Prangya Parimita Pradhan	Dr. Abinash Rath						
<p><b>Registration Fees</b></p> <table border="0"> <tr> <td>Persons from Academics-</td> <td>299/-</td> </tr> <tr> <td>Research Scholars/Students-</td> <td>199/-</td> </tr> <tr> <td>Industry Person-</td> <td>500/-</td> </tr> </table>	Persons from Academics-	299/-	Research Scholars/Students-	199/-	Industry Person-	500/-	<p><b>Experts from Industry</b> Er. Sambit Sagar Pani- Superintendent Engineer, State Govt. of Odisha Dr. Saumya Ranjan Sahoo - Senior Research Development Engineer</p> <p><b>Contacts :</b> <b>+91 7008701920</b> <b>+917978250836</b> <b>+918763189799</b></p> <p>ACCEPTED HERE</p>  <p>Scan here to Pay</p>	<p><b>Organized by</b> DEPARTMENT OF ECE AND EEE, SCHOOL OF ENGINEERING AND TECHNOLOGY</p>  <p>Advancing Technology for Humanity</p> <p>Register</p>  <p>SCAN ME</p>
Persons from Academics-	299/-							
Research Scholars/Students-	199/-							
Industry Person-	500/-							

❖ **Centurion University Successfully Hosts Conference on the Recent Advances in Allied Medical Sciences on dated 2<sup>nd</sup> Feb, 2024**



Centurion University successfully hosted the Conference on Recent Advances in Allied Medical Sciences on 2nd February 2024, bringing together academicians, researchers, healthcare practitioners, and students to deliberate on the latest innovations and challenges in allied health sciences. The conference provided a platform for knowledge exchange on topics such as advanced diagnostic tools, biomedical research, clinical practices, and emerging healthcare technologies.

❖ **Two Days National Conference cum Workshop on “Advancement in Animal Handling and Generative AI for Pre-clinical Studies**

<p><b>Chief Guest</b></p>  <p><b>Dr. Rabinarayan Acharya</b> (Director General, CCRAS, Ministry of AYUSH, Govt of India)</p>		<p><b>TREASURER</b> Mr. Suman Kumar Meikap Mr. Rajat Kumar Ray</p> <p><b>SCIENTIFIC COMMITTEE</b> Dr. Kirtimaya Mishra Dr. Bikash Ranjan Jena Dr. Ranmita Dash Dr. Bhisma Narayan Rath Dr. Koushik Bhattacharya Dr. Datta Sai Pamidimarri Dr. Chandan Kumar Brahma</p>		<p>Ms. Anushka Fernandes</p> <p><b>STAGE COMMITTEE</b> Mrs. Rupali Rupamita Rout Dr. Srikraya Grandhi Ms. Salony Sreyas Pattnaik Mr. Debasmita Routroy Ms. Sushree Sambita Swain Mr. Debasish Mishra Ms. Lipanjali Badhei</p>		 <p><b>AYUSH Sponsored</b> <b>Two Days National Conference cum Workshop on “Advancement in Animal Handling and Generative AI for Pre-clinical Studies”</b> <b>28th-29th June 2024</b></p> <p><i>Organized by</i> School of Pharmacy and Life Sciences (SoPLS) and School of Paramedics &amp; Allied Health Sciences (SoPAHS) Centurion University of Technology &amp; Management, Odisha</p> <p><i>Sponsored by</i> AYUSH (CCRAS), Centre for Drug Design and Centre for Medical Diagnostics</p> <p><b>Collaborations:</b></p> 
<p><b>CHIEF PATRON</b></p>  <p><b>Prof. D.N. Rao</b> Vice President, CUTM</p>		<p><b>PATRON</b></p>  <p><b>Prof. Supriya Pattanayak</b> Vice Chancellor, CUTM</p>		<p><b>CERTIFICATE AND MEMENTO</b> Dr. Pratap Kumar Patra Mrs. Jyoshnarani Dash Ms. Jayeeta Dandapat Dr. Soumya Saswati Panigrahi Mrs. Ishree Mohapatra</p>		
<p><b>CONVENER</b></p>  <p><b>Dr. Gurudutta Pattnaik</b></p>		<p><b>CO-CONVENER</b></p>  <p><b>Dr. Soumya Jal</b></p>		<p><b>CULTURAL COMMITTEE</b> Mrs. Rupali Rupamita Rout Mrs. Anshu Panigrahi Ms. Deepika Ahuja Ms. Aswathi P</p>		
<p><b>ORGANIZING SECRETARY</b></p>  <p><b>Dr. Himansu Bhusan Samal</b></p>		<p><b>INTERNAL ADVISORY BOARD</b> Prof. Biswajit Mishra Dr. Ajay Kumar Nayak Prof. Jagannath Pradhi Dr. Prafulla Nandi Prof. Dr. Narendra Kumar Parida, General Member- CCSEA, Govt. of India Prof. Sunil K. Jha</p>		<p><b>FOODING AND LODGING</b> Mr. Gnyana Ranjan Parida Mr. Abhishek Sahu Ms. Sonalika Mahapatra Mrs. Sangeeta Chhotaray</p>		
<p><b>ORGANIZING SECRETARY</b></p>  <p><b>Dr. Monali Priyadarshini Mishra</b></p>		<p><b>CO-ORGANIZING SECRETARY</b> Dr. Asharbad Nanda Mr. Satish Kanhar</p>		<p><b>REGISTRATION COMMITTEE</b> Ms. Sucharita Babu Ms. Rasmita Jena Mr. Satya Narayan Tripathy Mrs. Aradhana Panigrahi Ms. Diptimayee Jena Ms. Gupstargal Sahu Ms. Sushree Swagatika Mrs. Ishmita Mohanty</p>		
<p><b>Publication Partner</b></p>  <p><b>CRC Press</b> Taylor &amp; Francis Group</p>		<p><b>Contact Details</b> Dr. Gurudutta Pattnaik, Dean, SoPLS Mobile No: 9348110393 Dr. Soumya Jal, Dean, SoPAHS Mobile No: 8825864370 Dr. Himansu Bhusan Samal, Associate Dean, SoPLS Mobile No: 9493393994 Dr. Monali Priyadarshini Mishra, Asso. Prof., SoPAHS Mobile No: 8700841230</p>				

Centurion University, in collaboration with AYUSH (CCRAS) and research partners, organized a Two-Day National Conference cum Workshop on “Advancement in Animal Handling and Generative AI for Pre-clinical Studies” on 28th–29th June

2024. The event brought together researchers, academicians, veterinarians, and industry experts to deliberate on ethical animal handling, biomedical innovations, and the integration of Generative AI in pre-clinical studies. Through expert lectures, workshops, and knowledge-sharing sessions, the program emphasized capacity building, sustainable research practices, and multi-stakeholder collaboration. Aligned with SDG 3 (Good Health and Well-being), SDG 9 (Industry, Innovation, and Infrastructure), SDG 12 (Responsible Consumption and Production), and SDG 17 (Partnerships for the Goals), the initiative highlighted the role of partnerships and innovation in advancing responsible healthcare research and education.

### ❖ Workshop on Bioenzyme in collaboration with BEA

Centurion University organized a Workshop on Bio-Enzyme Preparation and Application in collaboration with the Bio-Enzyme Association (BEA), showcasing the power of partnerships in fostering knowledge exchange, sustainable innovation, and community capacity building.



### List of Seminars/ Workshops for the Year-2024

SL N	Name of the workshop/ seminar	Number of	Date From – To	Relevant SDGs
1	Real time applications on Industrial automation (industry) Real-time	30	16-Jan-24	SDG 9 (Industry, Innovation and Infrastructure)
2	CEO Talk- My Entrepreneurial Journey- MR. CK KUMARAVEL	150	22.1.24	SDG 8 (Decent Work and Economic Growth), SDG 9 (Industry, Innovation and
3	Health, Safety and Social Security	100	20.1.24	SDG 3 (Good Health and Well-being), SDG 8 (Decent Work and Economic Growth)
4	Taxonomic Methods: Exploration, Identification, Nomenclature & Preservation of Plant Resources	110	19th & 20th January	SDG 15 (Life on Land)
5	“AGRI VISION (Agricultural Sustainable Development)”	250	19th to 21th Jan	SDG 2 (Zero Hunger), SDG 13 (Climate Action), SDG 15 (Life on Land)
6	3rd GSN Conference	250	23rd Jan to 25th Jan	SDG 17 (Partnerships for the Goals)

7	4th GSN Conference	250	23rd Jan to 25th Jan	SDG 17 (Partnerships for the Goals) (similar to above)
8	Legal Awareness	150	29.01.2024	SDG 16 (Peace, Justice and Strong Institutions)
9	State Level Seminar on "Wild life Prospective in Odisha"	100	8th February	SDG 15 (Life on Land)
10	State Level Seminar on "Aquaponics"	200	8th February	SDG 2 (Zero Hunger), SDG 6 (Clean Water and Sanitation), SDG 14 (Life Below Water)
11	Seminar on "Biodiversity of Tribal Pockets of eastern Ghat and environment sustainability"	25	13th February	SDG 13 (Climate Action), SDG 15 (Life on Land)
12	"Silviculture and Research"	5	15th February	SDG 15 (Life on Land)
13	"Symposium on Wildlife and Biodiversity Conservation"	25	20th February	SDG 15 (Life on Land)
14	4th National Chilika Birds Festival -2024	20	28th Jan to 2nd Feb	SDG 15 (Life on Land)
15	Nature Camping Programme	20	4th Feb to 6th Feb	SDG 15 (Life on Land)
16	"Seminar on Mathematical Approach to Remote Sensing"	100	27th Feb,2024	SDG 9 (Industry, Innovation and Infrastructure), SDG 13 (Climate Action)
17	Human Values and Professional Ethics	124	22-02-2024	SDG 4 (Quality Education), SDG 16 (Peace, Justice and Strong Institutions)
18	Alumni Talk by Mr. Soumyaranjan Behera	108	24-02-2024	SDG 4 (Quality Education), SDG 8 (Decent Work and Economic Growth)
19	Contract Drafting & Negotiation	19	23.02.2024	SDG 8 (Decent Work and Economic Growth), SDG 16 (Peace, Justice and Strong)
20	Start up on IT and Cyber security	200	16.2.24	SDG 9 (Industry, Innovation and Infrastructure)
21	Personal Management (Seminar on CEO Talks- My Entrepreneurial Journey)	33	17.2.24	SDG 8 (Decent Work and Economic Growth)
22	Insurance Sales Management	53	17.2.24	SDG 8 (Decent Work and Economic Growth)
23	Marketing of Financial Services	28	13.2.24	SDG 8 (Decent Work and Economic Growth)
24	AI-based bioinformatics applications (Workshop)	100	29.01.24 to 02.02.24	SDG 3 (Good Health and Well-being), SDG 9 (Industry, Innovation and Infrastructure)
25	International Online Symposium On Current Research Topics In	more than 100	15th February 2024	SDG 3 (Good Health and Well-being)

26	Topic " Nanotechnology in Cancer Application".State-level National Seminar talk delivered at OPS	More than 80	23 rd February 2024	SDG 3 (Good Health and Well-being), SDG 9 (Industry, Innovation and Infrastructure)
27	Resource person in the FDP "Faculty Development Programme on Environmental Science,	>100	6-10 Feb, 2024	SDG 2 (Zero Hunger), SDG 3 (Good Health and Well-being), SDG 13 (Climate Action)
28	Recent Advancements in Allied Medical Sciences	85	02-02-2024	SDG 3 (Good Health and Well-being)
29	Webinar on " <i>Career Guidance, GPAT Exam Preparation and Development Of Soft Skills</i> "	100	03-02-2024	SDG 4 (Quality Education)
30	Expert Talk on "Recent Advancements and Career Talks in the Pharmacy Sector"	170	19-02-2024	SDG 3 (Good Health and Well-being), SDG 4 (Quality Education)
31	International Conference on Materials for sustainable environment-ICMSE 2024	250	27th to 28th March	SDG 13 (Climate Action)
32	Recent Advances in Plant Science for Sustainable Development organized by PG Department of Botany, Utkal University on 30th March 2024.	50	30th March	SDG 13 (Climate Action), SDG 15 (Life on Land)
33	Planning and preparing your essential career documents-for researchers globally organized by LetPub Learning Nexus on 27th March 2024.	100	27th March	SDG 4 (Quality Education)
34	Attended Odisha Wildlife Conclave on 3 <sup>rd</sup> March-2024 on the occasion of Wildlife Day 2024 held at JaydevBhawan Bhubaneswar,	10	3rd March	SDG 15 (Life on Land)
35	Career Reality in Real Estate	35	16/03/2024	SDG 8 (Decent Work and Economic Growth), SDG 11 (Sustainable Cities and
36	Workshop on Business Innovation	30	07-03-2024	SDG 8 (Decent Work and Economic Growth), SDG 9 (Industry, Innovation and
37	Expert Talk on "Secrets of Placement in Clinical Research & Healthcare Industry "	175	16-03-2024	SDG 3 (Good Health and Well-being), SDG 4 (Quality Education)
38	Big Idea Presentation	114	03.02.2024	SDG 9 (Industry, Innovation and Infrastructure)
39	CEO Talk on Technology, Cyber and Operational Resilience	54	16.02.2024	SDG 9 (Industry, Innovation and Infrastructure)
40	Learning from Production Unit Poster Presentation	88	17.02.2024	SDG 4 (Quality Education), SDG 9 (Industry, Innovation and Infrastructure)
41	Career Talk on Job Opportunity in Indian Army	95	29.02.2024	SDG 4 (Quality Education), SDG 8 (Decent Work and Economic Growth)
42	Career Opportunities in Development Banks	45	17.02.2024	SDG 8 (Decent Work and Economic Growth)

43	Technical support and advice for taxidermy of tigress Sneha	50	18-04-2024	SDG 15 (Life on Land)
44	Seminar on Review of status of enrichment of PBRs in 50 GP BMCs of	150	08-04-2024	SDG 15 (Life on Land)
45	AYUSH Sponsored Two Days National conference cum Workshop on	350	28/06/2024 - 29/06/2024	SDG 3 (Good Health and Well-being), SDG 9 (Industry, Innovation and Infrastructure)
46	“Recent Advances in Drug Design and Development”	250	17-07-2024	SDG 3 (Good Health and Well-being)
47	Publishing Research Papers in High Impact Journals	53	24.06.2024	SDG 4 (Quality Education)
48	Writing an Effective Research paper for publication	53	25.06.2024	SDG 4 (Quality Education)
49	Research Dynamics	53	29.06.2024	SDG 4 (Quality Education)
50	Machine Learning Application and Use of Generative AI for Research	53	27.06.2024	SDG 4 (Quality Education), SDG 9 (Industry, Innovation and Infrastructure)
51	Blockchain and Generative AI Event	more than 100	12th January 2024	SDG 9 (Industry, Innovation and Infrastructure)
52	Blockchain Event ("Decentralized Storage" with Filemarket)	150	13th February 2024	SDG 9 (Industry, Innovation and Infrastructure)
53	5 Days hands-on training on BIM- Organising event on media and website	80	February 26th - March 1st,	SDG 4 (Quality Education), SDG 9 (Industry, Innovation and Infrastructure)
54	Seminar on Invest in Women Accelerate Progress	47	20th March 2024	SDG 5 (Gender Equality)
55	Webinar on Awareness of Cybercrime for Women Employees	55	20th April 2024	SDG 5 (Gender Equality), SDG 16 (Peace, Justice and Strong Institutions)
56	IEEE Event (34th EXECUTIVE COMMITTEE MEETING OF IEEE BHUBANESWAR	more than 100	27th April 2024	SDG 9 (Industry, Innovation and Infrastructure), SDG 17 (Partnerships for the Goals)
57	Distinguished Lecture on MOVE with Purpose	61	11th May 2024	SDG 3 (Good Health and Well-being)
58	Six-Days FDP on Leveraging Artificial Intelligence in Engineering: Innovations,	122	25th June 2024 - 29th June 2024	SDG 4 (Quality Education), SDG 9 (Industry, Innovation and Infrastructure)
59	Expert talk on RISK ASSESSMENT BASED SAFETY MANAGEMENT	50	12th July 2024	SDG 3 (Good Health and Well-being), SDG 8 (Decent Work and Economic Growth)
60	Expert talk on Water Resources Management under the changing climate	25	16th July 2024	SDG 6 (Clean Water and Sanitation), SDG 13 (Climate Action)
61	Expert talk on “Framework of International Civil Aviation Organisation (ICAO) and its role in	150	20th July 2024	SDG 9 (Industry, Innovation and Infrastructure), SDG 17 (Partnerships for the Goals)

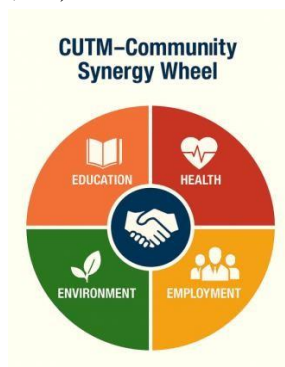
62	One day workshop on IoT and EV	170	12-Sep-24	SDG 7 (Affordable and Clean Energy), SDG 9 (Industry, Innovation and Infrastructure)
63	Avalanche Bootcamp (Workshop & Hackathon 2024)	210	24th - 27th September 2024	SDG 9 (Industry, Innovation and Infrastructure)
64	National Conference on The future of Animal Sciences:New Discovery & Pressing Challenges	150	09-05-2024	SDG 15 (Life on Land)
65	Workshop on UHV-(Universal Health Value)-2024-AICTE Incorporating Universal Human	100	29-05-2024 to 31-05-2024	SDG 3 (Good Health and Well-being), SDG 4 (Quality Education)

## 5. Community Outreach and Student Engagement

Through volunteering, health camps, and rural exhibitions, CENTURION UNIVERSITY students embody the principle of “learning through partnership.”

### Major 2024 Initiatives:

- Blood Donation & Health Camps: 322 units donated; 600+ beneficiaries (SDG 3, 10, 17).
- Agri Exhibitions (RAWE): 2,000+ farmers trained on sustainable agriculture (SDG 2, 12, 17).
- Free Dental & Vision Camps: Health equity for rural communities (SDG 3, 4, 17).
- Plastic-Free Campus Drives: 1.5 tons plastic collected & recycled (SDG 12, 13, 17).
- Karjayakaram Skill Program (LTIMindtree CSR): 1,000+ youth trained for employability (SDG 4, 8, 17).



### Student Volunteering Programmes

In 2024, Centurion University partnered with NGOs and community organizations to advance the SDGs through student volunteering. Key initiatives included the 29th Mega Blood Donation Camp with Lions Club and SCB Medical College (SDG 3), plantation drives with KusumatiChhanaghara High School and CENTURION UNIVERSITY’s Green Brigade (SDGs 13 & 15), and community outreach at Adruta Children’s Home (SDGs 1, 4 & 10). Health and social awareness programmes, such as the World Hepatitis Day Walkathon with Apollo Hospitals and anti-drug campaigns with Yi, Kalinga Hospitals, and Salaam Jeevan Trust, further highlighted CENTURION UNIVERSITY’s integration of civic responsibility and sustainability into student life.

❖ **Awareness Campaign and Road Show in observance of 5th National Electrical Safety Week (NESW) 2024 on 02.07.2024**



Centurion University observed the 5th National Electrical Safety Week (NESW) on 2nd July 2024 through a comprehensive awareness campaign and road show. The event was graced by Mr. Suresh Chandra Maharana, Engineer In-Chief and Chief Electrical Inspector (Retd.), Government of Odisha, as the Guest Speaker. The main objective was promoting electrical safety awareness through road shows and expert lectures. The SDG initiatives are SDG-3 (Good Health and Well Being), SDG-4 (Quality Education), & SDG-11 (Sustainable Cities and Communities)



❖ **Mega Plantation Drive for VanaMahotsav on 06.07.2024**

To commemorate VanaMahotsav 2024, Centurion University organized a Mega Plantation Drive on 6th July 2024, both inside and outside the university campus. As part of its community outreach, selected student volunteers and staff members visited KusumatiChhanaghara High School, where they collaboratively planted 15 saplings with the school's students and faculty, supported by the university's Green Brigade. High school students pledged to nurture the plants, and the effort was appreciated by the school authorities. Within the campus, students, staff, and faculty assembled at the

Flag Post area and planted an additional 20 saplings under the guidance of the Green Brigade team. The activity aimed to promote environmental responsibility and student participation in climate action. This initiative contributes directly to SDG 13 (Climate Action) and SDG 15 (Life on Land) by enhancing biodiversity and fostering ecological awareness among students and the community.



❖ **Students Entrepreneurship Bootcamp by Young Indians (Yi) on 12.07.2024**

Centurion University students participated in the Student Entrepreneurship Bootcamp organized by Young Indians (Yi), a CII initiative, in collaboration with Startup Odisha, Government of Odisha, on 12th July 2024 at O-Hub, Patia, Bhubaneswar. The event aimed to instill entrepreneurial spirit among college students across Odisha. A total of 35 Centurion students actively took part in the sessions.



❖ **A Dialogue with Yuva "Awareness and Prevention of Tobacco, Alcohol and Drug Abuse" on 25.07.2024**

Centurion University, in collaboration with Young Indians (Yi) of the Confederation of Indian Industry (CII) and Kalinga Hospitals Limited (KHL), organized a panel discussion titled “A Dialogue with Yuva – Awareness and Prevention of Tobacco, Alcohol and Drug Abuse” on 25th July 2024 at the Aryabhata Auditorium, Bhubaneswar campus. The session aimed to address the psychological, social, and legal dimensions of substance abuse among youth and explore pathways for prevention and rehabilitation. The event featured a high-profile panel including Dr. Lagnajit Dash (Psychiatrist, Care & SUM Hospitals), Dr. Muhammad Imran Ali (Founder, Salaam Jeevan Trust), Dr. Ajay Kumar Nayak (PVC, Administration, CENTURION UNIVERSITY), Dr. Nilanjana Mukherjee (MD, KHL), Mr. Sanjeev Satpathy (Addl. Superintendent of Police), and Dr. Nidhi Garg (Counselor & Psychologist), with Mr. Arvind Das (Corporate Coach) as the moderator.



❖ **Participation @ Walkathon by Apollo Hospitals on World Hepatitis Day (28.07.2024)**

To observe World Hepatitis Day on 28th July 2024, Apollo Hospitals, Bhubaneswar organized a Walkathon under the theme “Eliminate Hepatitis: It’s Time for Action.” A total of 72 participants from Centurion University joined the event, including Prof. Sunil Kumar Jha, Director of the School of Paramedics and Allied Health Sciences (SoPAHS), who participated as a guest.

The pre-walk briefing was led by Dr. Alok Srivatsa (COO & DMS, Apollo Hospitals), highlighting the importance of early detection, vaccination, and public awareness. Dignitaries such as Smt. Sulochana Das (Mayor, Bhubaneswar), Ms. Anu Choudhury (Oollywood Actress), Dr. Sushant Sethi (Senior Gastroenterologist), and Prof. Sunil Kumar Jha addressed the gathering on hepatitis prevention, healthy lifestyles, and vaccination strategies.



❖ **Mega Voluntary Blood Donation Camp on 24th August 2024**



Centurion University successfully conducted its 29th Mega Voluntary Blood Donation Camp on 24th August 2024 at the Bhubaneswar campus, organized in collaboration with SCB Medical College & Hospital, Cuttack and the Lions Club of Bhubaneswar, donating a record 322 units of blood to support local healthcare needs. The camp was inaugurated by Dr. SupriyaPattanayak (Vice Chancellor, CENTURION UNIVERSITY), in the presence of Prof. JagannathPadhi (Director, Bhubaneswar Campus), Dr. Nirmala Das (SCB Medical College & Hospital), and

senior officials from Lions Club Bhubaneswar, including Mr. Biswadarshi Das, Mr. Pramod Swain, Mr. Santosh Mohanty, and Mr. Biswanath Mohanty (PDG).



#### ❖ Visit to Adruta Children’s Home on 15.08.2024

As part of its ongoing student volunteering and community engagement initiatives, Centurion University organized a compassionate outreach programme titled “Joy of Giving” on the occasion of Independence Day. On this day, 46 Centurion students visited Adruta Children’s Home located at Kantabada, Mendhasala, Bhubaneswar, which houses over 200 parentless and abandoned children. During their visit, students interacted with the children and staff of the home, learning about the children’s talents, aspirations, and achievements. The children warmly welcomed the team with energetic dance performances, showcasing their confidence and creativity. CENTURION UNIVERSITY students contributed snacks, tiffin packets, biscuits, and cakes, and also made a financial donation in support of the home’s daily needs. The initiative served not just as a gesture of kindness but also as a learning experience for students, strengthening their sense of social responsibility, empathy, and inclusion. The staff at Adruta Children’s Home appreciated the university’s thoughtful contribution toward child welfare and inclusive development.



❖ **Plastic Free Awareness and Collection Drive :-**

Centurion University’s students have taken the lead in driving plastic-free awareness and collection campaigns, showcasing how youth engagement can unite communities to achieve global sustainability goals. Closely aligned with SDG 13 (Climate Action) and embedded within the spirit of SDG 17 (Partnerships for the Goals), these initiatives reflect the power of collaboration bringing together students, faculty, and local partners to combat the pressing challenge of plastic pollution.

Through structured campaigns, students not only highlighted the dangers of single-use plastics to climate stability, ecosystems, and public health but also promoted sustainable alternatives. The collected plastic waste was systematically segregated and redirected into recycling streams, preventing harmful emissions and protecting natural resources.



**Development of Educational Resources**

❖ **Centurion University and LTIMindtree CSR Join Forces to Launch “Karjayakaram” Skill Development Program**

Centurion University, in collaboration with LTIMindtree CSR, has launched the “Karjayakaram” Skill Development Program to transform skill development in Odisha. This initiative aims to equip over 1,000 students with industry-relevant skills, starting with training 60 students as industrial sewing machine operators and CNC operators in its first phase. The goal of this program is to improve adolescent employability and self-reliance by offering training and skills that are relevant to the industry.

The initiative creates customized curricula, instructional materials, and useful resources to equip students with the skills they need to succeed in the modern workforce by utilizing Centurion University's academic knowledge and LTIMindtree's corporate resources.

The launch event, held on July 31, 2024, featured key figures like Jitender Ghangas from LTIMindtree and Prof. Supriya Pattanayak, the Vice Chancellor of Centurion University. Both emphasized the program's significance in enhancing employability and supporting local economic development. The Program initiates SDG 1 (No Poverty), SDG 4 (Quality Education), SDG 5 (Gender Equality), SDG 8 (Decent work and Economic Growth), SDG 10 (Reduced Inequalities).



❖ **Kissanmela Conducted in the Campus-  
“Agri Exhibition for Grassroots Impact – Linking Knowledge with Fields”**



On 7th and 22nd October 2024, RAWE (Rural Agricultural Work Experience) students of Centurion University, under the READY Programme, organized vibrant Agri Exhibitions at Chapara village and PeddaLogidi village of Andhra Pradesh. Guided by the Programme Coordinator and mentored by faculty from the M.S.

Swaminathan School of Agriculture, the initiative created a dynamic interface between classroom learning and community farming practices. These exhibitions showcased innovative, climate-smart, and sustainable agricultural techniques—from soil health management and organic farming methods to integrated pest management and water conservation practices. Students engaged with farmers through live demonstrations, interactive displays, and knowledge-sharing sessions, ensuring that academic innovations translated into practical solutions for the farming community.

The initiative directly contributes to SDG 2 (Zero Hunger) by promoting improved agricultural productivity, SDG 12 (Responsible Consumption & Production) by encouraging sustainable practices, and SDG 17 (Partnerships for the Goals) by strengthening collaboration between students, faculty, and rural communities.

By empowering farmers with hands-on knowledge and sustainable solutions, the exhibitions served as a bridge between “Lab to Land”, reinforcing Centurion University’s vision of integrating education, research, and community impact for a more resilient agricultural future.

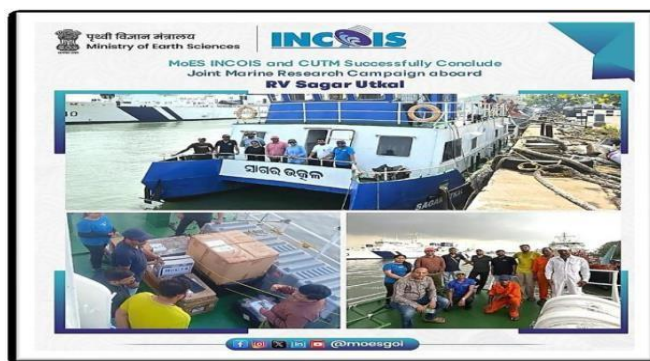


#### ❖ Soil conservation Measures taken by the University



Centurion University has transformed soil conservation practices into powerful educational resources through field-based training, collaborative outreach, and student-led initiatives. In 2024, RAWE (Rural Agricultural Work Experience) students played a vital role by conducting soil testing, advising farmers on organic inputs, and promoting eco-friendly practices such as vermicomposting, Azolla cultivation, and the application of Trichoderma to enhance soil fertility and microbial activity.

❖ **MoES INCOIS and Centurion University successfully completed a joint field campaign aboard RV SagarUtkal near Paradip:**



Centurion University, in collaboration with MoES-INCOIS, successfully completed a joint field campaign aboard RV SagarUtkal near Paradip on 2-3 June 2024. The campaign provided students and researchers with hands-on exposure to marine data collection, ocean monitoring, and field-based scientific methodologies. Outcomes from the campaign, including datasets, reports, and case studies, have been developed into educational resources for teaching, training, and future research. This initiative reflects CENTURION UNIVERSITY's strong commitment to SDG 17 (Partnerships for the Goals) by fostering cross-institutional collaboration, while also advancing SDG 14 (Life Below Water) and SDG 13 (Climate Action) through ocean and climate-focused knowledge creation.

❖ **Webinar on Solar Powered Agricultural Machines;-**



The Research Centre for Smart Agriculture at Centurion University, Paralakhemundi, organized a webinar on "Solar Powered Agricultural Machines" on January 27, 2024, with 64 participants attending from among 88 registered faculty and students. The session, moderated by Dr. Subhankar Debnath and coordinated by Dr. Sagar Maitra and Dr. Dinkar Gaikwad with operational support from Mr. Y.V. Pratap, featured keynote speaker Dr. Shankha Koley, Assistant Professor at The Neotia University. Dr. Koley delivered a comprehensive talk on the applications of solar energy in agriculture, covering solar pumps, dryers, fencing systems, and thermal uses, while also highlighting agrivoltaic systems as a means to optimize land use for both energy and farming. The discussion underscored the dual benefits of reduced operational costs and environmental sustainability, while also addressing challenges such as high initial investments and intermittency issues. By producing actionable knowledge resources and enhancing the capacity of students and faculty, the webinar not only advanced SDG 7 (Affordable and Clean Energy) and SDG 13 (Climate Action) but also demonstrated CENTURION UNIVERSITY's alignment with SDG 17 (Partnerships for the Goals) through collaborative knowledge creation and dissemination in sustainable agricultural practices.

- ❖ **Healthcare Outreach:-**Centurion University, in partnership with the Community Diagnostic Center and Hi-Tech Dental College and Hospital in Bhubaneswar, took a significant step towards promoting oral health with a "Free Dental Camp" held on 21st February 2024.



This Free Health Dental Camp initiative primarily addresses SDG 3: Good Health and Well-being by offering essential dental services and educating the wider community on preventive oral health practices. It also promotes SDG 4: Quality Education, as participants gain valuable knowledge on maintaining oral hygiene as part of holistic health education. Furthermore, the camp supports SDG 10: Reduced Inequalities by ensuring that vulnerable and marginalized populations have access to free healthcare services, thus reducing health disparities. Through this collaboration, the camp highlights SDG 17: Partnerships for the Goals, demonstrating the impact of cross-sectoral partnerships between educational and healthcare institutions to promote community well-being.



❖ **Free Health, Vision Check-up and Drug Distribution on September, 2024**

In a powerful display of its unwavering commitment to community wellness and outreach, Centurion University proudly hosted a Free Health, Vision Check-up, and Drug Distribution Camp at KantiaGrama Panchayat. Designed to serve the healthcare needs of

underserved rural communities, the initiative focused on early diagnosis, preventive care, and health awareness. The camp offered comprehensive medical screenings, expert-led eye check-ups by professional optometrists, and the free distribution of essential medicines. Spearheaded by a team of compassionate doctors, skilled paramedics, and spirited student volunteers, the program ensured that quality healthcare reached every corner of the village.

❖ **Alumni Meet-2024**



In 2024, Centurion University conducted major Alumni Meets at its Paralakhemundi and Bhubaneswar campuses, engaging over 230 alumni and their families. These events functioned as impactful outreach educational activities, aiming to foster institutional collaboration and lifelong learning among the alumni community. The meets included interactive sessions focused on mentoring current students, enhancing placement and entrepreneurship opportunities, and supporting underprivileged learners. Alumni were also encouraged to contribute to research, social initiatives, and industry-institute linkages through structured talks, workshops, and partnerships. This initiative extended the university's educational mission beyond enrolled students and reinforced its commitment to Sustainable Development Goals—specifically SDG 4 (Quality Education), SDG 8 (Decent Work), SDG 10 (Reduced Inequalities), and SDG 17 (Partnerships for the Goals).



❖ **Healthy and Sustainable Agricultural Training:**

Centurion University is providing hands-on Training in sustainable Agricultural practices such as Organic Farming, Dairy Farming, Fishery, Water -efficient irrigation techniques and climate-resilient crop management etc .This primarily contributes SDG 2: Zero Hunger by teaching sustainable farming practices that boost crop yields, improve food security, and promote healthy nutrition. SDG 13: Climate Action by focusing on organic farming, water-efficient irrigation, and climate-resilient techniques, helping farmers adapt to climate change. SDG 8: Decent Work and Economic Growth by equipping farmers with skills to enhance productivity and income, fostering sustainable livelihoods.



❖ **The OLEM Farmers Training on Mushroom Cultivation** was conducted by the M.S Swaminathan 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.

❖ **Climate Change, Sustainability and Organizations :-**

The key objectives in developing an understanding of climate change include fostering a broad awareness of its general impact, responses, and ongoing debates. It is essential to recognize how climate change influences organizations, affecting their performance, growth, and long-term sustainability. Additionally, incorporating climate change considerations into organizational planning and development is crucial for future-proofing businesses. Understanding the framework of sustainable development and the relevance of the UN's Sustainable Development Goals (SDGs) is necessary to ensure the continued viability of organizations. Finally, the application of the Integrated Reporting Framework for Sustainability is fundamental in helping businesses align their strategies with sustainability principles, ensuring comprehensive and transparent communication of their environmental, social, and governance performance.

❖ **Centurion University conducts outreach programme for teachers in Kanpur on Jan,2024.**

Centurion University, a pioneer in skill-integrated and experiential learning, organized a dedicated outreach program for educators in Kanpur in January 2024 to strengthen awareness and implementation of the National Education Policy (NEP) 2020. The initiative engaged approximately 150 teachers, principals, and institutional heads, empowering them to integrate hands-on, industry-aligned pedagogy into their curricula. The program aimed to promote NEP's vision of skill-based education and introduced Centurion University's innovative "learning through doing" model. Faculty from the university demonstrated functional skill labs, including maker spaces, AR/VR setups, renewable energy labs, and farm-based education systems. Workshops on curriculum design, employability skills, and early-stage vocational integration were conducted, alongside strategy discussions on aligning academic practices with NEP directives

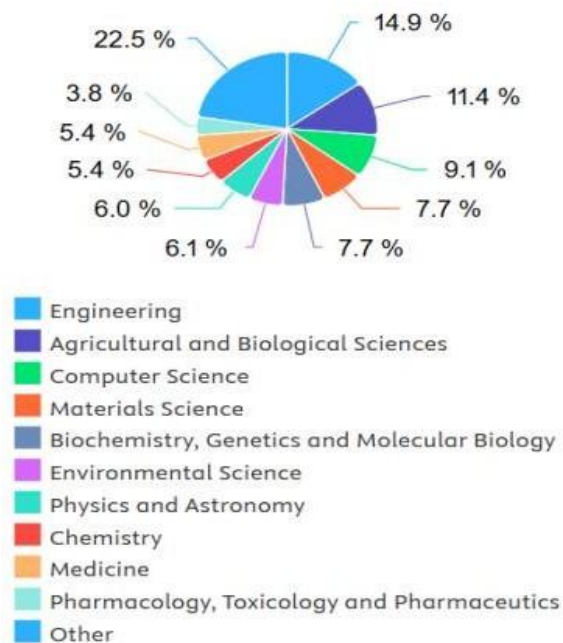


❖ **Plantation Drive Parlakhemundi**  
**One Plant One Person: A unique initiative of ARBORICULTURE**

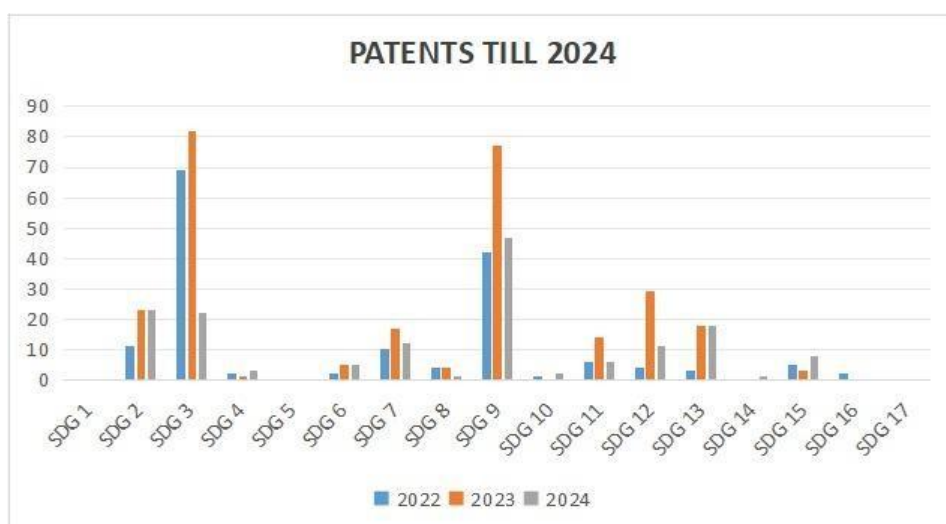
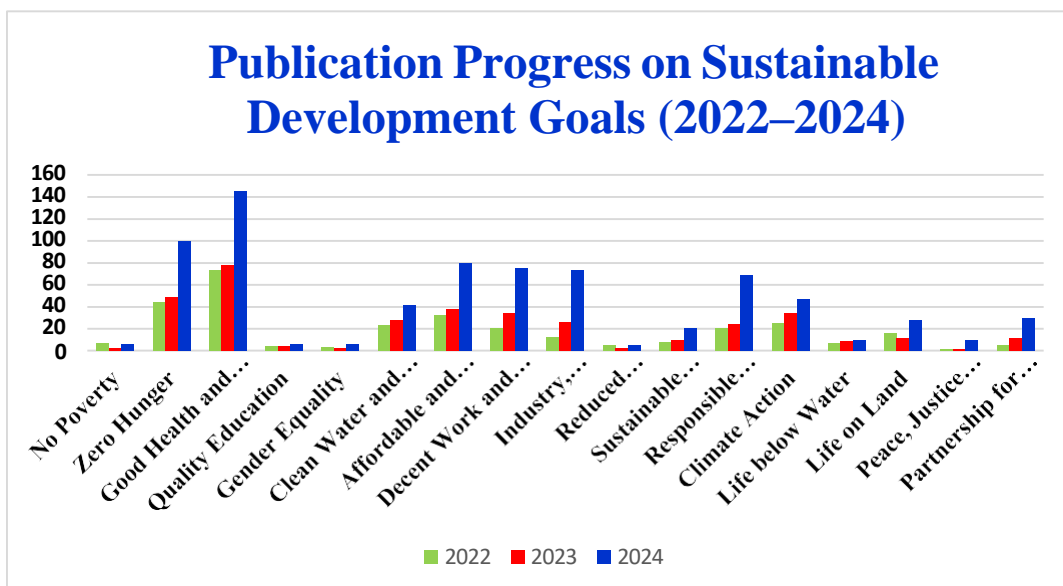
The One Plant One Person: A unique initiative of the ARBORICULTURE programme has been initiated in M.S. Swamianthan School of Agriculture, Centurion University, Parlakhemundi. The initiative has been designed to ensure that each student will be responsible for nurturing their assigned sapling throughout their four-year academic journey. This program not only contributes positively to the environment by enhancing air quality and green cover but also instills a sense of responsibility towards community among the students.



**Research and Publications**



Research and publications are core activities at Centurion University, reflecting its commitment to developing educational resources and fostering sustainable partnerships for knowledge dissemination. The University actively encourages its faculty and students to undertake context-specific research that addresses real-life challenges faced by organizations and communities, thereby ensuring that academic outcomes translate into societal impact. In 2024, the University filed 67 patents, showcasing its innovation-driven approach to problem-solving. Additionally, more than 1,000 research articles were published in reputed national and international journals, many of which were indexed in globally recognized databases. These publications not only strengthen the University's academic footprint but also serve as valuable resources for industry, policymakers, and communities, contributing directly to the goals of SDG 17 (Partnerships for the Goals) by promoting collaborative knowledge generation and dissemination.



At Centurion University, partnerships fuel progress and innovation, as reflected in the vibrant spread of research across disciplines. Engineering (14.9%) and Agricultural & Biological Sciences (11.4%) lead the charge, while Computer Science, Materials Science, and Environmental Science add powerful momentum. With impactful contributions from Medicine, Chemistry, Biochemistry, Physics, and beyond, the university’s collaborations go far beyond silos—embracing a holistic, cross-disciplinary spirit. The significant share of “Other” fields (22.5%) underlines an openness to bold ideas and diverse alliances. Together, these partnerships embody the essence of SDG 17—bridging knowledge, industries, and communities to create solutions that matter for people and the planet.

## Impact and Outcomes

Domain	2023	2024	Growth (%)
Active MoUs	98	128	+30%
Global Collaborations	7	12	+71%
Outreach Events	40	60+	+50%
Beneficiaries	2,500	4,000+	+60%
Cross- Projects	10	18	+80%

## CONCLUSION

Centurion University continues to stand as a living example of how strong partnerships drive sustainable development. Through multi-sectoral collaborations with government bodies, NGOs, international agencies, industries, and community-based organizations, the University has been able to design and implement impactful initiatives that blend knowledge creation with real-world problem-solving. Programmes such as farmer training on climate-smart practices, awareness campaigns, collaborative research projects, workshops with partner organizations, and large-scale community outreach activities highlight CENTURION UNIVERSITY’s role in advancing SDG 17 by fostering cooperation across boundaries.

## Way Forward

Looking ahead, Centurion University envisions expanding its role as a hub of collaborative innovation by forging stronger global partnerships and integrating digital platforms for knowledge sharing, research, and capacity building. By 2030, CENTURION UNIVERSITY aims to:

- Establish 50+ new cross-sectoral partnerships with international universities, industries, and NGOs.

- Scale up sustainability-focused courses to reach 5,000+ students annually across undergraduate and postgraduate levels.
- Create at least 10 new interdisciplinary research clusters addressing climate change, biodiversity conservation, renewable energy, and sustainable livelihoods.
- Engage 25,000+ community members through training, awareness programmes, and farmer outreach initiatives.

Flagship initiatives such as the Pollinator Paradise (for biodiversity restoration), the Research Centre for Smart Agriculture (for climate-resilient farming and agritech innovation), and the Renewable Energy Labs (for advancing clean energy solutions) will serve as anchors for this growth. Through these initiatives, CENTURION UNIVERSITY will continue to generate local solutions with global relevance—strengthening the bridge between academia, industry, and society. With a vision rooted in measurable impact, collaboration, and innovation, Centurion University reaffirms its commitment to building a resilient, sustainable, and equitable future for all.

**“At Centurion University, partnerships are not just linkages—they are catalysts of transformation, uniting knowledge with action for a sustainable tomorrow.”**

**“Partnerships that Power Progress.”**



# Centurion UNIVERSITY

*Shaping Lives...*

*Empowering Communities...*