

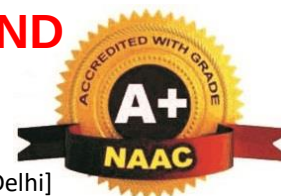


VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(An Autonomous Institution)

[Sponsored by Lavu Educational Society, Affiliated to JNTUH & Approved by AICTE, New Delhi]

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3



SUSTAINABLE DEVELOPMENT GOALS IMPLEMENTATION DOCUMENT

The Sustainable Development Goals (SDGs), also known as the Global Goals, were adopted by all United Nations Member States in 2015 as a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by 2030.

The 17 Sustainable Development Goals (SDGs):



The Three Pillars of Sustainability:

The 17 Sustainable Development Goals (SDGs) are inherently integrated, acknowledging that progress in one area influences outcomes in others. Achieving these goals requires a holistic approach that balances the three core pillars of sustainable development: social inclusion, economic growth, and environmental sustainability.

1. Social Sustainability
2. Environmental Sustainability
3. Economic Sustainability

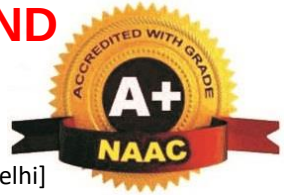


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Social Sustainability:

Social sustainability aims to create inclusive societies, reduce inequality, and ensure long-term well-being for all people while preserving social cohesion and justice.

SDG 1: No Poverty

SDG 2: Zero Hunger

SDG 3: Zero Health and Well-Being

SDG 4: Quality Education

SDG 5: Gender Equality SDG 10 Reduced Inequalities

SDG 11: Sustainable Cities and Communities SDG 16: Peace, Justice and Strong Institutions

Environmental Sustainability:

Environmental sustainability is the ability to preserve and protect the natural environment over time through appropriate practices and policies, meeting present needs without compromising the availability of resources in the future.

SDG 6: Clean Water and Sanitation

SDG 7: Affordable and Clean Energy

SDG 12: Responsible Consumption and Production

SDG 13: Climate Action

SDG 14: Life Below Water

SDG 15: Life on Land

Economic Sustainability:

Economic sustainability is the approach whereby economic activities are conducted in such a way as to preserve and promote long-term economic well-being. In practice, it aims to create a balance between economic growth, resource efficiency, social equity and financial stability.

SDG 8: Decent Work and Economic Growth

SDG 9: Industry, Innovation and Infrastructure

SDG 17: Partnerships for the Goals

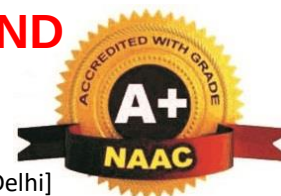


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SDG's WITH THEIR INITIATIVES AND IMPLEMENTATION:

Goal	Description	Progress measurement
	End poverty in all its forms everywhere	INITIATIVES: • Ensure equitable access to education for students from low-income backgrounds. • Enhance academic success and graduation rates of economically disadvantaged students. • Increase research output and community engagement related to poverty alleviation. • Promote social mobility through scholarships and inclusive campus support. IMPLEMENTATION : • Reserve a percentage of seats for low-income group students in admissions. • Offer scholarships, subsidized hostel/ transport/ canteen facilities. • Provide targeted academic support (remedial classes, mentorship) for students. • Conduct outreach programs on financial literacy, and livelihoods. • Involve students in NSS poverty eradication and rural development activity.
	End hunger, achieve food security and improved nutrition, and promote sustainable agriculture	INITIATIVES • Ensure access to nutritious and sufficient food for all students. • Contribute to the reduction of hunger in local communities through outreach and innovation. • Promote sustainable food systems and zero food waste on campus. • Enhance awareness and action among students on food security and nutrition. IMPLEMENTATION • Provide subsidized or free meals to economically disadvantaged students. • Implement food waste management systems (composting, redistribution). • Integrate topics of food sustainability and security into curriculum or student clubs. • Conduct outreach programs in nearby rural communities on nutrition, urban farming, or zero-hunger strategies.

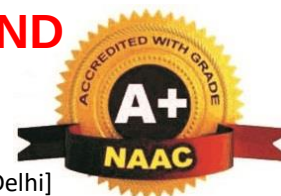


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3 GOOD HEALTH AND WELL-BEING 	Ensure healthy lives and promote well-being for all at all ages	INITIATIVES • Promote physical and mental well-being among all students and staff. • Ensure access to affordable, quality health services and emergency care on campus. • Encourage a healthy lifestyle and prevent non-communicable diseases (NCDs) through education and activities. • Support community health outreach and awareness. IMPLEMENTATION • Establish a campus health center with first aid and tie-ups with local hospitals. • Organize regular health check-ups, vaccination drives, and mental health counselling sessions. • Conduct fitness and wellness programs (yoga, sports, and nutrition sessions). • Include health and wellness education in the curriculum or orientation. • Promote mental health through peer support groups, stress management workshops. • Run awareness campaigns on substance abuse, nutrition, and sexual/reproductive health. • Collaborate with local communities for health camps and awareness drives.
4 QUALITY EDUCATION 	Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	INITIATIVES • Ensure inclusive, equitable, and quality technical education for all students. • Promote lifelong learning opportunities through continuous skill development. • Reduce educational disparities across gender, economic status, and social background. • Improve teaching quality, curriculum relevance, and graduate employability. • Promote education for sustainable development, ethics and global citizenship. IMPLEMENTATION • Implement Outcome-Based Education (OBE) and align with NEP 2020 guidelines. • Offer bridge/remedial courses for students from underprivileged or rural backgrounds. • Train faculty regularly in pedagogy, new technologies, and inclusive teaching methods. • Provide access to digital learning tools, open courseware, and learning management systems.

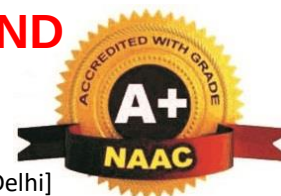


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		• Include courses/modules on sustainability, ethics, human values, and SDGs. • Establish academic support centers for peer mentoring, tutoring, and career counseling. • Foster interdisciplinary and project-based learning, internships, and experiential education. • Encourage research and innovation through student research cells and funding. • Promote equity through scholarships, flexible learning options, and language support. • Collaborate with MOOCs, SWAYAM, NPTEL, and other national/international platforms.
	Achieve gender equality and empower all women and girls	INITIATIVES • Achieve gender parity in student enrollment, faculty recruitment, and leadership. • Promote a safe, respectful, and inclusive learning environment for all genders. • Eliminate gender-based discrimination and harassment on campus. • Empower women in STEM education, research, and innovation. IMPLEMENTATION • Recruit and retain qualified female faculty and staff in teaching and leadership roles. • Conduct regular gender sensitization and capacity-building workshops. • Establish and activate an Internal Complaints Committee (ICC) per UGC/AICTE guidelines. • Provide scholarships, mentoring, and support for students. • Encourage women's participation in technical events, clubs, and innovation challenges. • Develop inclusive infrastructure such as gender-neutral restrooms and common rooms. • Promote women leadership through student councils and administrative representation.

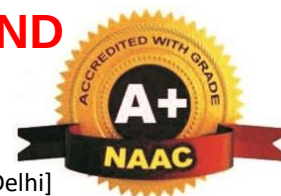


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6 CLEAN WATER AND SANITATION 	Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	INITIATIVES • Ensure inclusive, equitable, and quality technical education for all students. • Promote lifelong learning opportunities through continuous skill development. • Reduce educational disparities across gender, economic status, and social background. • Improve teaching quality, curriculum relevance, and graduate employability. • Promote education for sustainable development, ethics and global citizenship. IMPLEMENTATION • Implement Outcome-Based Education (OBE) and align with NEP 2020 guidelines. • Offer bridge/remedial courses for students from underprivileged or rural backgrounds. • Train faculty regularly in pedagogy, new technologies, and inclusive teaching methods. • Include courses/modules on sustainability, ethics, human values, and SDGs. • Establish academic support centers for peer mentoring, tutoring, and career counseling. • Foster interdisciplinary and project-based learning, internships, and experiential education. • Encourage research and innovation through student research cells and funding. • Promote equity through scholarships, flexible learning options, and language support. • Collaborate with MOOCs, SWAYAM, NPTEL, and other national/international platforms.
7 AFFORDABLE AND CLEAN ENERGY 	Ensure access to affordable, reliable, sustainable and modern energy for all"	INITIATIVES • Ensure access to affordable, reliable, and modern energy services for all on campus. • Increase the share of renewable energy in campus energy consumption. • Enhance energy efficiency across academic and residential infrastructure. • Promote research and education in sustainable energy technologies. IMPLEMENTATION • Install solar panels or other renewable energy systems for power generation. • Conduct energy audits and implement energy-saving measures campus-wide.

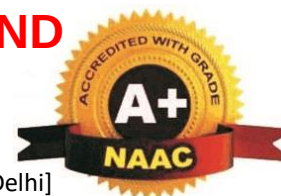


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		• Transition to LED lighting and energy-efficient appliances in all facilities. • Promote use of solar-powered streetlights, labs, and water heaters. • Integrate renewable energy topics in curriculum, labs, and student projects. • Establish collaborations with industry and government for clean energy research. • Encourage student innovation in green energy through competitions and projects. • Monitor and display real-time energy usage and savings.
8 DECENT WORK AND ECONOMIC GROWTH 	Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	INITIATIVES • Promote inclusive and sustainable economic growth through skilled graduate output. • Enhance employability, entrepreneurship, and industrial collaboration. • Ensure safe, productive, and equitable working conditions for staff and students. • Strengthen innovation, internship, and incubation ecosystems on campus. IMPLEMENTATION • Provide industry-aligned skill development, certification, and training programs. • Establish career guidance cells and entrepreneurship development cells (EDC). • Facilitate campus placements, internships, and apprenticeship opportunities. • Support startup culture through incubation centers and funding opportunities. • Ensure fair wages and equal opportunities for all campus employees. • Encourage student participation in hackathons, project expos, and tech contests. • Promote collaborations with MSMEs and industry partners for joint R&D.
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 	Build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation	INITIATIVES • Develop resilient and modern infrastructure that supports inclusive education and innovation. • Promote sustainable industrial collaboration and R&D activities. • Foster innovation ecosystems for students and faculty.

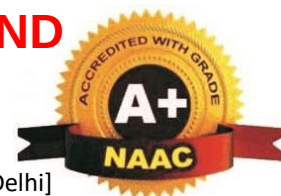


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		- Strengthen the integration of advanced technologies into teaching and infrastructure. IMPLEMENTATION - Upgrade labs, classrooms, and digital infrastructure to support experiential learning. - Establish Centers of Excellence (CoEs) in emerging areas (Robotics, IoT, etc.). - Promote collaborative research with industry and government bodies. - Encourage participation in smart infrastructure design and development projects. - Conduct workshops and bootcamps on innovation, design thinking, and prototyping.
	Reduce income inequality within and among countries	INITIATIVES - Ensure equitable access to quality education for all, regardless of background. - Promote inclusion of marginalized, disadvantaged, and differently-abled students and staff. - Reduce economic and social disparities in student support and academic outcomes. - Create an inclusive and nondiscriminatory campus environment. IMPLEMENTATION - Provide scholarships, fee waivers, and support schemes for socio-economically disadvantaged groups. - Reserve admissions under government-mandated categories (SC/ST/OBC/EWS/PWD). - Make physical and digital infrastructure accessible for differently-abled individuals. - Organize sensitization programs on diversity, equity, and inclusion (DEI). - Conduct bridge and remedial courses for slow learners and first-generation learners. - Track and improve graduation and placement rates across all demographic categories. - Provide language, soft skill, and mentorship support for underrepresented students.
	Make cities and human settlements inclusive, safe, resilient, and sustainable	INITIATIVES - Develop a sustainable, inclusive, and resilient campus infrastructure. - Promote sustainable urban planning concepts through education and innovation. - Strengthen partnerships with local communities for

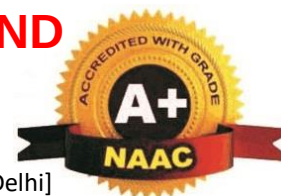


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		inclusive development. • Reduce the college's ecological and environmental footprint. IMPLEMENTATION • Design and maintain a green campus with eco-friendly infrastructure (e.g., green buildings, smart classrooms). • Implement campus mobility solutions (EVs, vehicle services). • Establish campus-wide solid waste management, recycling, and composting systems. • Integrate urban sustainability topics into engineering curricula and projects. • Encourage student-led projects on smart cities, urban transport, energy-efficient housing. • Collaborate with local municipal bodies on urban innovation projects. • Promote inclusive spaces (gender-neutral restrooms, accessible buildings, green open spaces). • Ensure safety, security, and disaster-resilience planning on campus.
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	Ensure sustainable consumption and production patterns	INITIATIVES • Ensure efficient and sustainable use of natural and institutional resources. • Reduce waste generation and promote circular economy practices. • Foster responsible consumption habits among students and staff. • Integrate sustainability principles into education, research, and operations. IMPLEMENTATION • Establish campus-wide resource audits (water, energy, paper, e-waste, etc.). • Implement procurement policies favoring eco-friendly, locally-sourced, and recyclable materials. • Promote digital workflows to reduce paper usage in administration and academics. • Set up waste segregation, recycling, and composting units on campus. • Introduce courses, electives, or student projects on sustainable production and consumption. • Organize awareness drives on responsible food, water, and energy usage.

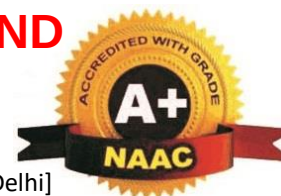


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	Take urgent action to combat climate change and its impacts by regulating emissions and promoting development s in renewable energy	INITIATIVES • Strengthen institutional capacity to address climate-related risks. • Reduce greenhouse gas emissions and environmental footprint of the campus. • Foster climate literacy and research-driven action among students and faculty. • Promote climate-resilient infrastructure and practices. IMPLEMENTATION • Conduct annual carbon footprint and greenhouse gas (GHG) audits of the campus. • Integrate climate change education into engineering curricula and labs. • Implement campus-wide renewable energy systems (e.g., solar, wind). • Develop rainwater harvesting, stormwater management, and green landscaping. • Organize climate action clubs, innovation challenges, and green hackathons. • Partner with local governments and NGOs on climate adaptation projects. • Train faculty and students in climate resilience, disaster management, and mitigation strategies. • Participate in international and national climate-related academic networks.
	Conserve and sustainably use the oceans, seas and marine resources for sustainable development	INITIATIVES • Increase awareness and knowledge on marine ecosystems and sustainable aquatic practices. • Minimize campus-driven water pollution and impact on aquatic ecosystems. • Promote research and innovation on marine sustainability, water technologies, and conservation. • Engage in community and academic partnerships to support aquatic biodiversity. IMPLEMENTATION • Incorporate marine sustainability and water resource management into curriculum and projects. • Organize seminars, guest lectures, and campaigns on plastic pollution and ocean conservation. • Implement policies to reduce plastic use and ensure proper waste disposal. • Encourage student projects and startups focused on water quality, desalination, aquaculture, etc. • Collaborate with environmental NGOs and local

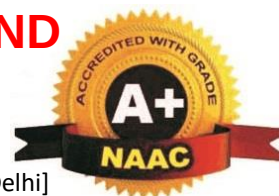


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		water bodies for cleanup and conservation drives • Conduct awareness programs on responsible use of water bodies (rivers, lakes, oceans). • Introduce elective courses on environmental biotechnology, aquatic ecosystems, and coastal engineering. • Monitor and prevent effluent discharge from labs into sewage systems without treatment.
	Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss	INITIATIVES • Promote the conservation and sustainable use of terrestrial ecosystems. • Increase green cover and biodiversity on and around the campus. • Encourage research and community outreach related to afforestation, reforestation, and land restoration. • Integrate sustainable land and resource management into education and innovation. IMPLEMENTATION • Develop and maintain green campus initiatives (tree planting, organic farming, landscaping). • Integrate environmental engineering, ecology, and sustainable development in curricula. • Conduct biodiversity audits and green cover assessments. • Organize NSS tree plantation and environmental awareness drives. • Establish eco-clubs to lead campaigns on forest and wildlife protection. • Collaborate with forest departments, NGOs, and local communities for conservation projects. • Implement soil and water conservation practices • Minimize use of harmful chemicals in campus maintenance and promote organic alternatives. • Adopt native plant species in landscaping to preserve local biodiversity.
	Promote peaceful and inclusive societies for sustainable development, provide access to justice for all	INITIATIVES • Foster a peaceful, inclusive and safe learning environment. • Promote ethical behavior, integrity, and accountability in academic governance. • Strengthen student voice, grievance redressal, and institutional transparency. • Encourage civic responsibility, democratic values, and legal awareness among students.

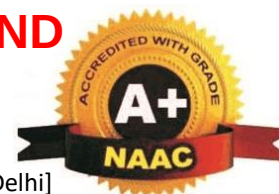


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	and build effective, accountable and inclusive institutions at all levels	IMPLEMENTATION • Establish functional grievance redressal, anti-ragging, and anti-sexual harassment committees. • Introduce courses, seminars, and workshops on ethics, human rights, and governance. • Enable active student councils with participatory decision-making processes. • Promote transparency in admissions, examinations, faculty recruitment, and administration. • Conduct voter awareness drives and legal literacy programs in collaboration with local authorities. • Foster student involvement in community policing, legal aid camps, and civic education. • Create awareness campaigns against corruption, discrimination, and injustice. • Implement cybersecurity, anti-plagiarism, and academic integrity measures.
17 PARTNERSHIPS FOR THE GOALS 	Strengthen the means of implementation and revitalize the global partnership for sustainable development	INITIATIVES • Strengthen multi-stakeholder collaborations for sustainable development goals. • Build international, national, and regional partnerships to enhance education and research. • Mobilize resources and knowledge-sharing to achieve institutional and global goals. • Promote global citizenship and cross-border cooperation among students and faculty. IMPLEMENTATION • Partner with industries, universities, NGOs, and government bodies on SDG-aligned projects. • Organize SDG-focused seminars, hackathons, and innovation challenges with external stakeholders. • Seek collaborative funding opportunities and corporate social responsibility (CSR) support. • Facilitate cross-disciplinary teams to work on community-centric SDG projects. • Adopt open educational resources (OERs) and share innovations via global platforms. • Promote knowledge-sharing workshops and visiting faculty programs.