



Department of Higher Education
Ministry of Education
Government of India



Mahatma Gandhi National Council of Rural Education

Mahatma Gandhi National Council of Rural Education

Department of Higher Education, Ministry of Education, Government of India

'One District One Green Champion' Awards

Swachhta and Jal Shakti Evaluation Sheet

Name of the Institution:	Sri Indu College of Engineering and Technology
Address:	Sheriguda, Ibrahimpatnam, Hyderabad, R.R Dist-501510, Telangana
SAP Committee Faculty:	Prof.L.Satyanarayana
Contact Email:	sriinduoffice@gmail.com
Phone"	9347353999
Total No. of SAP Committee Students:	60
Total No. of SAP Committee Faculty	15
Total No. of Other SAP Staff (Admin, Supervisors, Kitchen, Lab, Garden, Maintenance, etc.)	12
Images of Swachhta Activities in your Campus (Please paste few pictures in the box) Paste any video links you have uploaded related to Swachhta Activities in your campus	SAMPLE PHOTOS





Leadership

S No	Leadership	Yes	No	Points scored (by MGNCRE)
1.	Do you have a SAP Committee for the Components of Swachhta - Greenery, Water management, Waste Management, Energy Management, Sanitation and Hygiene?	✓		
2.	Does the SAP Committee do periodic appraisals and periodic review of your campus Swachhta?	✓		
3.	Does your SAP Committee include Teams and Team Leaders involving Teaching Staff, Non-Teaching Staff and Students?	✓		
4.	Is there a Swachhta and Jal Shakti Action Plan in place and its implementation strategy?	✓		
5.	Have you put a COVID 19 related sanitization policy in every public area in the campus?	✓		
6.	Is the SAP Committee ensuring use of masks, sanitizers on campus?	✓		
7.	Is the SAP Committee ensuring proper disposal of masks?	✓		
8.	Are there quarantine facilities in case of medical emergencies?	✓		
9.	Does the SAP Committee encourage campaigns on Swachhta and water conservation - motivating with creative activities/ zero waste events, Swachhta Contests/Swachhta Awards?	✓		
10.	Does your SAP Committee meet regularly - online/offline?	✓		
11.	Have you partnered with other Institutions and agencies for		✓	

	implementing action plans on campus – such as Funding Agencies, Donors, Non-Profit Organizations, Public Policy Groups and Think Tanks, Media and Celebrities, Government?			
12.	Is your Institution part of any Corporate Social Responsibility Plan/Social Entrepreneurship Plan/Rural Development Plan/Vocational Education Plan?	✓		
13.	Do you have your Swachh policy displayed on notice boards/website?	✓		
14.	Are appropriate, comprehensive and understandable signage displayed across the campus – for ensuring Swachhta?	✓		
15.	Are International/National Level days related to Environment, Ecology, Water, Cleanliness, and related Days observed?	✓		
16.	Are the reports on Swachhta shared among the stakeholders through report format/newsletters/ updates/ Social Media?	✓		
17.	Is a feedback-form circulated to the teams regularly and collected for policy improvements?	✓		
18.	Are the Swachh data collection and analysis methods useful and the output understood by the core teams?	✓		
19.	Does the Institution system accommodate services of /for <i>Divyangan/Differently abled</i> in Swachhta working plan?	✓		
20.	Is there a Policy formed for monitoring aspects of Swachhta and Jal Shakti with dedicated staff and periodic reporting system in place?	✓		
21.	Do you encourage technological and social interventions in Swachhta and water conservation by students for campus hygiene?	✓		

Greenery		Yes	No	Points Scored (by MGNC RE)
22.	Is plantation and greenery promoted in vacant areas and around every building in the campus?	✓		
23.	Is <i>Vanmahotsav</i> (plants/trees festival) celebrated by the Institution?	✓		
24.	Are there fruit bearing trees / indigenous plants/local, native species of plants/low water consuming plants grown on campus?	✓		
25.	Does the Institution promote green transportation options that reduce vehicle air pollution?	✓		
26.	Have you optimized your pick-up/drop-off times and logistics to minimize congestion and engine idling that causes air pollution?	✓		
27.	Have you assessed your campus' environmental impact via: eco-audits? Environmental footprint calculators?	✓		
28.	Does the Institution have an action plan for implementing and monitoring progress towards environmental goals?	✓		
29.	Are you using herbicides and bio pesticides for greenery on campus outdoors and indoors?	✓		
30.	Is there a nursery on campus?		✓	
31.	Is there a dedicated staff for plant protection/maintaining seed bank/nursery/compost unit/organic farming/herbal park/campus ponds?	✓		
32.	Does the Institution process garden organics/biomass/waste/leaves etc. to generate mulch and compost and monitor regularly?	✓		
33.	Do students help in composting on the campus?	✓		
34.	What is the % of area under greenery/green canopy on the campus?	40%		
35.	Is any day observed as No Vehicles Day on Campus?	✓		
36.	Have you banned plastic disposable items in the campus?	✓		
37.	Have you fixed Air Conditioners temperature in buildings in the campus?	✓		
38.	Is there a Policy formed for monitoring aspects of Greenery with dedicated staff and periodic reporting system in place?	✓		
Water Conservation		Yes	No	Points Scored (by MGNC RE)
39.	Is there adequate water supply in the campus?	✓		
40.	Are there adequate water taps and sanitary fixtures on campus?	✓		
41.	Is there dedicated staff for water maintenance and inspection of taps and sanitary fixtures on campus?	✓		
42.	Are periodic mending and repairs of leaking taps and pipes done?	✓		
43.	Are there two levels of flushing in toilets to reduce water wastage?	✓		
44.	Do you periodically organize water conservation workshops/educational lectures and programs/trainings for faculty and students on campus?	✓		

45.	Is rain water harvesting structures dug in the campus?	✓		
46.	Is sufficient water collected for campus use from the rain water harvesting structures?	✓		
47.	Do you have roof water harvesting for every building and surface water harvesting in every low lying and rainwater stagnation area done?	✓		
48.	Has the SAP team of the Institution/Swachh/Jal Shakti Team got the Institutions water audited? (personal chambers, Staff rooms, Classrooms, Halls, Canteen, open Campus)	✓		
49.	Is water budgeting done by the Institution?	✓		
50.	Does the Institution use reclaimed water/ treated waste water?		✓	
51.	Are water sprinklers used for gardening?	✓		
52.	Does the Institution provide hand sanitizer as an alternative to hand washing with water?	✓		
53.	Have you installed low-flow faucets, automatic faucets, and/or faucet aerators/ low-flow shower heads/ low-flow toilets and urinals?	✓		
54.	Does the Institution use collected rainwater for onsite watering need/laboratories/washrooms/gardens?		✓	
55.	Is Feedback collected from all campus buildings on water supplies, quantity, quality and conservation?	✓		
56.	Does the Institution limit the purchase of single-serve bottles and containers?		✓	
57.	Does the campus have adequate water pots/ potable water taps/water filling stations/ water dispensers that promote easy filling of reusable water bottles?	✓		
58.	Is renovation of traditional and other water bodies/tanks on campus done (groundwater recharge, maintaining water balance, watershed development, etc.)	✓		
59.	Is there a Policy formed for monitoring aspects of water conservation with dedicated staff and periodic reporting system in place?	✓		
Waste and Sustainability		Yes	No	Points Scored (by MGNCRE)
60.	Is waste management done in every building of the campus – academic, administration, kitchen, hostels, etc.?	✓		
61.	Is wet waste management/external dry waste management conducted in the campus?	✓		
62.	Are toilets in your campus as per the recommended ratio 1:20	✓		
63.	Are separate toilets available for the differently abled?	✓		
64.	Are ramps, wheelchairs and supportive equipment available for the differently abled?	✓		
65.	Is specific hygiene maintained for the ladies' toilets?	✓		
66.	Is continuous running water available in the toilets?	✓		
67.	Are exhaust/air purifiers installed in the toilets?	✓		
68.	Are the toilets cleaned daily at periodic intervals and the times cleaned monitored?	✓		
69.	Is it ensured that toilets are used hygienically and soap/hand wash/sanitizer is available throughout?	✓		
70.	Are garbage bins labeled appropriately : Dry Waste/Wet Waste?	✓		

71.	Are you using color-coded containers or bins: landfill = black/gray, compost = green, and recycle = blue?	✓		
72.	Are the different types of waste – solid, liquid, E waste, laboratory, biomedical, properly segregated before disposal?	✓		
73.	Are cleaning products, grease, strippers, batteries, fluorescent lighting, science lab materials, and other potentially hazardous products disposed of properly?	✓		
74.	Is biomedical waste disposed off as per legal norms (using incinerators, segregation)	✓		
75.	Does the campus have adequate waste disposal/waste collection centers?	✓		
76.	Does the SAP Committee monitor the waste collection and the times the waste is collected and disposed out of campus?	✓		
77.	Do the dining spaces/kitchens/storage facilities have safety and sanitized surroundings?	✓		
78.	Does the SAP Committee make periodic checks of the water quality and ensures safety of the drinking water?	✓		
79.	Is cooking hygiene maintained – wearing of caps/ gloves/apparel?	✓		
80.	Do the kitchens have chimney/smoke outlets?	✓		
81.	Is the cooking equipment/cooking vessels/dining plates/cutlery properly sanitized and used in hygienic conditions?	✓		
82.	Is kitchen waste properly segregated – dry and waste?	✓		
83.	Is meal planning and strategy done by kitchen staff regularly - providing desirable food, minimizing food waste, encouraging students to take only what they think they will eat, providing opportunities to share leftover food?	✓		
84.	Is there a dedicated staff for kitchen/dining hygiene maintenance?	✓		
85.	Is there a Biogas plant installed on campus for catering to the fuel needs of the canteen kitchen?		✓	
86.	Is “Waste Audit” conducted in the Institution?	✓		
87.	Is recycling of waste done on campus?		✓	
88.	Are recycled items promoted on campus?		✓	
89.	Do you have paper shredders in campus to reduce paper waste?	✓		
90.	Do you encourage reducing paper wastage by promoting digital note taking and reading, email correspondence, printing only when necessary?	✓		
91.	Is there a Policy formed for monitoring aspects of waste management with dedicated staff and periodic reporting system in place?	✓		
Energy		Yes	No	Points Scored (MGNC RE)
92.	Have you done an energy audit?	✓		
93.	Have you introduced LED Lights for energy conservation on campus - in every building and street in the campus?	✓		
94.	Do you immediately report fused/burnt lights and other non-functional appliances?	✓		
95.	Do you turn off lights, computers, and other equipment when not in use?	✓		
96.	Have you enabled the power management settings on your	✓		

	computers/monitors/all-in- one machine?			
97.	Have you installed Solar Panels or other forms of renewable energy in your campus?	✓		
98.	Do you offer renewable energy lessons and programs /trainings?	✓		
99.	Do you have a Policy for monitoring aspects of Energy Conservation with dedicated staff and periodic reporting system in place?	✓		
100.	Have you prepared any case studies/ caselets/action research papers from your Institution on Swachhta and water conservation activities?		✓	




Certificate



*This is to certify that **Sri Indu College Of Engineering & Technology, Ranga Reddy, Telangana** is now a **Recognized Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution**. The Institution has successfully framed the SES REC Action Plan and constituted ten working groups for improving facilities in the Campus and the Community/Adopted Villages in the areas of **Sanitation & Hygiene, Waste Management, Water Management, Energy Conservation and Greenery** post COVID-19, along with the observation of three environment, entrepreneurship and community engagement related days to inculcate in faculty, students and community, the practices of **Mentoring, Social Responsibility, Swachhta and Care for Environment and Resources**.*

Date of Issue:
8/28/2020


Dr. W G Prasanna Kumar
Chairman

Mahatma Gandhi National Council of Rural Education
Department of Higher Education, Ministry of Education
Government of India

Certificate No.: MoE/SES REC/Telangana/Ranga Reddy/33



Sri R. Venkat Rao
Chairman



Sri Indu
College of Engineering & Technology
UGC Autonomous Institution
Recognized under 2(f) & 12(B) of UGC Act 1956,
NAAC, Approved by AICTE &
Permanently Affiliated to JNTUH



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL



Sri R. Anup Chakravarthy
Secretary

NATIONAL YOUTH SKILLS DAY 2021

NYS D



Register for Webinars

<https://qrqo.page.link/t2syi>



DAY - 1:- 10.07.2021

@10.30 am

**S-Hub Organizes
POST PANDEMIC
FUTURE**



Dr.S.Kumaraperumal
Xavier Institute of
Management &
Entrepreneurship
Bangalore

DAY -2:- 11.07.2021

@10.30 am

**R & D Cell Organizes
'FUN NETWORK "
(Build your own)**



**JCI Senator. R.S.
Prabhu**
Past Executive Vice President
& National Trainer
Junior Chamber International
India

DAY - 3:- 12.07.2021

@10.30 am

**IPR Cell Organizes
Psychological
Wellness- Illness of
Youth**



Dr. K. G. Selvan
Professor, PRIST
Deemed to be
University, Thanjavur,
TN

DAY -4: 13.07.2021

@10.30 am

**EDC Organizes
Innovation and
Entrepreneurship -The
New Normal**



Dr. J. Arun Kumar
Associate professor
Dr. APJ Abdul kalam COE in
Innovation and
Entrepreneurship, Dr. MGR
Educational and Research
Institute

DAY - 5:- 14.07.2021

@10.30 am

**Incubation Cell
Organizes
NATIONAL LEVEL QUIZ
CONTEST**



**Total : 50 Marks
Link will be shared
through mail
Top 3 will get surprise
rewards**

**S-Hub Organizes
Hands on Workshop on
"Arduino Applications
for young Scientists" @
12.00pm -3.00pm**

DAY - 6:- 15.07.2021

@10.30 am

**Startup/ Innovata Cell
Organizes
T-Tribe programs -
Opportunities for
Students, Faculty &
Early Stage
Entrepreneurs**



Mr. Ganesh Rayala
Director - Academic
Programs, T-Hub













GREEN CAMPUS MOVEMENT

A preliminary assessment of
actions and aspirations










Sri Indu Campus

 Location Hyderabad, Telangana	 Population 4000 Students 800 Support staff and faculty	 Residence campus Students: Less than 20% Faculty and support staff: Less than 20%
 Climatic zone Composite	 Predominant building height 1-2 storey	 Area 65

Overview

Action plan for Upcoming year

 WATER	Water consumed last year (In Kilolitres) 180 Kilolitres	Water requirements met in the campus through <ul style="list-style-type: none"> Municipal Supply: Less than 25% Ground Water extraction: 25-50% Water Body: 50-75% 	<ul style="list-style-type: none"> Replacing old water fixtures with more efficient ones Enhancing Rain Water Harvesting Onsite Waste water treatment through decentralized solutions Awareness campaigns
 AIR QUALITY	Allowed inside campus	Present in the campus <ul style="list-style-type: none"> Diesel Generators 	Fuel used by campus owned transport fleet Diesel Cooking fuel being used in campus Gas <ul style="list-style-type: none"> Bike sharing scheme Restricting car usage for campus Restricting use of finding alternative to Diesel Generators Dust mitigation measures from roads and construction activities. Adopting electric vehicles for campus owned transportation fleet
 LAND	Area of the campus 65	Land dedicated to green area Above 50%	Built up area of campus 1.5
 ENERGY	Energy consumed last year (in kWh) 100	Air conditioned spaces Classroom: Few Offices: Few Hostel rooms : Few	Overall air conditioned space Less than 10% <ul style="list-style-type: none"> Replacing old electrical fixtures with more efficient ones Reducing dependency on Air Conditioning Increasing Renewable Energy Penetration in campus
 WASTE	Approximate waste generation in campus (in tone) 10	Allowed in campus <ul style="list-style-type: none"> Paper in office Physical posters for events 	<ul style="list-style-type: none"> Paper waste recycling E-waste recycler tie-up Onsite biodegradable waste treatment through composting, vermicomposting etc

as per self declaration by university as filled in form.

INTERNATIONAL YOGA DAY

