



7.2.1 Describe two best practices successfully implemented by the institution as
Q1M per the NAAC format provided in the manual.

Holistic and Integrated Waste Minimization, Management and Recycling Initiatives (SDG: 12/13/15/17):.....2

Composting:.....4

Skill Centres:.....6

 Sarjan: Agricultural Waste Recycling Unit.....6

 Parivartan: Paper Recycling Unit:.....11

 Samarth.....16

Plastic Recycling Unit:.....17

Campus Digitization.....18

Nurturing Earth's Lifeline from Waste Biomass.....22

Solvent Recycling Unit:.....23

RO Waste Water Utilization.....24

Glass Blowing Facility:.....26

Enhancing Air Quality & Laboratory Safety:.....27

Safeguarding from Toxic Fumes:.....30

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HOLISTIC AND INTEGRATED WASTE MINIMIZATION, MANAGEMENT AND RECYCLING INITIATIVES (SDG: 12/13/15/17):

- **Segregated waste bins** for Plastic Waste and Paper Waste ensures waste segregation at the source into recyclables, organic, and non-recyclables.



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एक कदम स्वच्छता की ओर

Waste Segregation

100+

Waste Segregation Bins

Collected paper waste is recycled in inhouse plant.

PARTIAL BAN ON USE OF PLASTIC



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KI 7.2

M 7.2.1

COMPOSTING:

Row food waste and flower waste is composted which in turn is fortified with **Panchgavya**.
Cooked Food waste is processed through waste treatment plant.



TAX INVOICE

SR NO. : 182200100541
Date of Issue : 22-MAR-2019

ORIGINAL FOR RECIPIENT

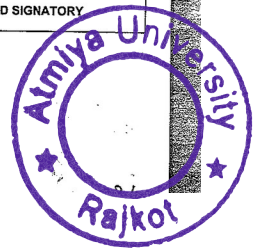
REGD. OFFICE OF THE SUPPLIER : EXCEL INDUSTRIES LTD., 184-87, S.V. Road, Jogeshwari (W), Mumbai - 400102, Maharashtra, India. CIN : L24200MH1960PLC011807 GSTIN : 27AAACE2488F120 Tel. No.: 022-66464200 / 209 /342 Fax No.: 022-26782409 E-mail : owc@excelind.com Website : www.excelind.co.in		NAME & ADDRESS OF SUPPLIER: EXCEL INDUSTRIES LTD., EXCEL INDUSTRIES LIMITED, C/O KAMLAKAR PATIL, BHIWANDI GDN, BLD B/12, GALA No 9, PRITESH CMLPX, ANJLUR ROAD, VAL V/ LAGE, BHIWANDI, THANE 421302 GSTIN : 27AAACE2488F120	
NAME & ADDRESS OF THE CUSTOMER /RECIPIENT Customer Code No.: 30800 K K MEHTA HOSTEL YOGIDHAM GURUKUL CAMPUS, NEAR WATER TANK OPP CENTRAL SCHOOL, KALAWAD ROAD RAJKOT, GUJARAT, 360005, IN State : GUJARAT State Code: GSTIN:		ADDRESS OF DELIVERY: YOGIDHAM GURUKUL CAMPUS, NEAR WATER TANK OPP CENTRAL SCHOOL, KALAWAD ROAD RAJKOT, GUJARAT, 360005, IN State : GUJARAT State Code: GSTIN:	
		S.O. No.: 19041887 P.O. No. & Date: KKM/OWC/ORCO Min/PO/04-2018-19 DTD.08/03/19 Vehicle No.: L.R. No.: 4686949 Delivery ID : Mode of Transport : By Road Transporter 1: Transporter 2: Freight Term :	
DESCRIPTION OF GOODS:			
Sr. No.	No. & Description of Packages	HSN	Notification No. & Date :
1	1 NOS ORCOMIN (COMPOSTING MACHINE)	8479	M-134
		TOTAL	1
		Discount	131000.00
OTHER PARTICULARS:		Taxable value of supply	131000
		IGST	12% 15720
		GRAND TOTAL	146720
GST payable in Rupees :		Fifteen Thousand Seven Hundred Twenty Only	
Total Invoice Value Rs.:		One Lakh Forty Six Thousand Seven Hundred Twenty Only	
Mode of Payment :	Credit Period	50%AD40%RC1 0%	Due Date 22-MAR-19 Adv. Receipt Voucher No.

18% interest on delayed payment. For Ex-Works, our responsibility ceases after the goods leave our works and are dispatched entirely at owner's responsibility. Complaint of weight shortage will be entertained if it is more than 0.5% of the consignment quantity. Subject to jurisdiction of Mumbai / Invoicing Location

Received:
Above material in good condition, Duplicate for Transporter copy of Tax Invoice.
Certificate of Analysis, Term Card, MSDS, Leaflet of Instructions to Drivers & Cleaners Training to Driver & Cleaner

RECEIVER'S SIGNATURE: *[Signature]*
PREPARED BY: *[Signature]*
AUTHORISED SIGNATORY: *[Signature]*

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Organic waste composter

Capacity: 25 kg / Day

Input: Organic waste collected from campus

Output: Compost

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SKILL CENTRES:

SARJAN: AGRICULTURAL WASTE RECYCLING UNIT



Waste



Earn while learn scheme

Circular Economy

Use of Best out of Waste prepared from Agricultural Waste –Decorative Bouquet by

Sarjan Forum

Production of 100+ Bouquet & other artifacts per month From wastage collected from campus and surrounding community



Best

O'Lord ! Whether Anyone Else Become ATMIYA or not, Please Make Me ATMIYA

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M 7.2.1



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'Swami shreeji'



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SARJAN

Step : I Boiling The Water, Add Some Food Colour

Step : II Now Add The Raw Maize Leaves, Mix It Very Well



Step : III

After The Boiling Process
Let The Maize Leaves To Dry

Dry process :
One whole night



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Name & Signature
of Resource person with date

Name & Signature
of Co-ordinator with date

Name & Signature
of HOD with Date

+91 281 2563445 +91 281 2563952 admin@atmiyauni.ac.in www.atmiyauni.ac.in

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Impact: List of waste Utilized



Student's Making Product	Biodegradable Waste	Kg/Year
Bouquet (Handy)	Maize leaf	20 Kg / Kharif Crop Year June to September
Pen Stand	Cotton ball's	5 Kg / Year
Tea Coaster	Tree's stick	5 Kg / Year
Jute bags (Potali bags)	Jawar seeds stick	10 Kg / Year May to July
Wooden Bouquet (Chair, Cart)	Pista shell	10 Kg / Year
AJ Bouquet	Wheat seeds stick	10 Kg / Year Rabi crop October to November
Different File Folder	Maize stick	40 Kg / Year June to September
Card Making (According to function, ex. Birthday Celebration)	Different type of leaves	3 Kg / Year According to season
Garland	Jute bag / cover	Depend of the waste (Around 50 pcs.)
	Jute thread	Depend of the waste

Note : We can use according to season and collecting waste material.

- Ex. **Kharif Crop :** June to July
Rabi Crop : September to October
Summer Crop : January to March

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PARIVARTAN: PAPER RECYCLING UNIT:

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SAMARTH

Consumer Chemical Formulations like Handwash, Dishwash, Glass cleaner, Phenyl, Toilet Cleaner, Tiles Cleaner etc are produced.

Students contribute in these skill centres through **Value-Added Courses** and the needy students take benefits from **earn-while-you-learn** scheme.

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PLASTIC RECYCLING UNIT:

Collaborating with the DDU-Smriti-Manch, Unit transforms plastic waste into sustainable products like bags and packaging materials.



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CAMPUS DIGITIZATION

Increased Efficiency | Data Reliability | **Reduction in Usage of paper by 30%**

Vision, Mission & Core Values

Vision

- To nurture creative thinkers and leaders through transformative learning.

Mission

- To create a transformative learning experience by imbibing domain specific knowledge & wisdom.
- To focus on research based teaching learning with Industry relevant application knowledge.
- To create transformative impact on society through participation, innovation, creativity and entrepreneurial framework of learning.
- To ensure knowledge integration in content creation with Industry collaborations and National as well as International Institutions.
- To cultivate a student centric transformative university committed to holistic development with Intellectual, Emotional, Spiritual and Behavioural traits of its learners.
- To impact society in a transformative way on green thinking and its effort on sustainable environment and ecology.

Core Values

- Encourage to be courageous to question ideas, ignite new ways of thinking and action.
- Firmly believe on collective leadership, work as integrated team with trust, collaboration and connectivity across our different disciplines and throughout the world.
- Respect and celebrate diversity. With a generosity of spirit, we value emotional intelligence as well as knowledge, empowering one another and enabling our students to realize their full potential.
- Excellence is a way of life. We understand the importance of critical thinking, discipline and responsibility, and we expect the very highest standards of ourselves and our students.
- Co-existential thinking and Green-thinking is at the nucleus. Our common aspiration is to respect the planet and we are committed to practice and promote sustainable alternatives at all the spheres, both on the global stage and in our own working environment.
- Facilitate acquiring knowledge on every aspect of life, to bring happiness, spiritual bliss, respect people and appreciate society.

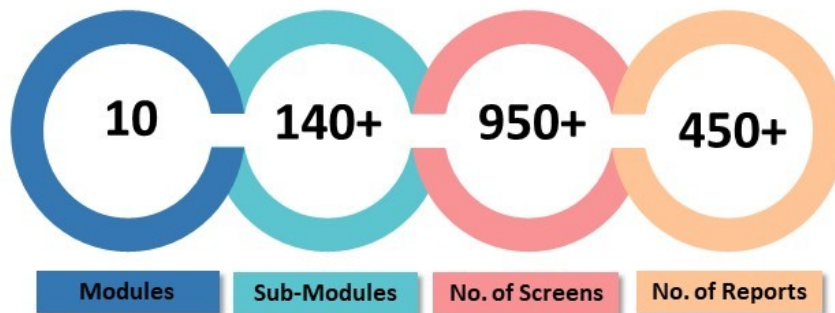
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Modules at Glance



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3

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Table of Contents

1 Student Admission and Support



Admission Management

- Admission Process

Student Support

- Dashboard (Student Login)

2 Administration including Complaint Management



Administration Management

- Human Resources
- Employee Attendance Management
- Student Section
- Inventory Management

Academic Administration

- OBE
- Teaching Learning HOD - Dashboard
- Academic Administration (Faculty Login)
- Feedback System

Maintenance & Utilization of Physical, Academic & Support Facilities (Including Complaint Management)

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Table of Contents

3 Examination



COE - Dashboard

Manage Paper Setter

E-Proctoring System

Malpractice

Assessment & Evaluation

Convocation Management

4 Finance & Accounts



CFO - Dashboard



NURTURING EARTH'S LIFELINE FROM WASTE BIOMASS

Generation of 1000+ Litres Jivamrut and 1000+ Kgs Amrit Mitti fortified with soil nutrients.

Jivamrut (Natural Fertilizer)

Installation Detail:

- Year: 2008
- Place: at boys parking
- Process: Collect neem leaves form campus and added with cow dung, cow urine and Earthworms

Impact:

- Applied in garden as fertilizer

Amrut Soil

- Ingredients for Amrut Mitti range from cow dung, cow urine, biomass like dry and decayed leaves, household kitchen waste like vegetable peels.
- Amrut Soil is full of all nutrients needed by plants, is very rich in variety of microbes, has the right pH, has high carbon content, has excellent water holding capacity.
- Mixing Cow dung, cow urine and jaggery
- Immersing dry biomass in Amrut Jal kept in drums
- Process take at least 1 month
- Use as garden fertilizer.



**Amrut
Mitti**

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SOLVENT RECYCLING UNIT:

25-liter distillations Pilot Plant is installed for synthesis & solvent recycling to achieve laboratory purity.




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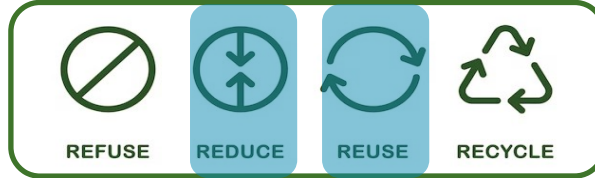
M 7.2.1

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RO WASTE WATER UTILIZATION



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Installation of 2 tanks with capacity of 1.15 Lakh litres for storage of waste RO water.



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RO water tank and distribution system

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GLASS BLOWING FACILITY:

Glass repair, reuse, customization and recycling support a circular economy.





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ENHANCING AIR QUALITY & LABORATORY SAFETY:

Alkali Wet Scrubbers exhaust systems effectively control air pollution by removing harmful substances leading to cleaner emissions and compliance with environmental standards.

The same is also being used for learning beyond curriculum.

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Criterion- VII

IV&BP

KI 7.2

M 7.2.1



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Installation of Air Handling Unit (AHU) in the cellar in the kitchen area resulting to utilization of less energy.



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SAFEGUARDING FROM TOXIC FUMES:

Fume hoods efficiently capture and remove hazardous fumes, vapours, and particulates from labs, ensuring safety. Improved well-being of students, with practically no respiratory issues.



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