

# **Swami Vivekanand College of Engineering**

(Approved by: AICTE, New Delhi • Affiliated to RGPV, Bhopal and DAVV, Indore• Recognised by: DTE Govt. of MP)

Campus: Khandwa Road, Indore-452020 (M.P.) Phone: +91-07324-405000

• Email: info@syceindore.ac.in • Website: www.syce.vivekanandgroup.com

### **Declaration**

### **Metric 7.1.2**

I declare that all the data, pictures, reports and other information enclosed in the criteria are authentic to the best of my knowledge.

Criteria In-charge

Mr. Vishal Wankhade



# **Swami Vivekanand College of Engineering**

(Approved by: AICTE, New Delhi • Affiliated to RGPV, Bhopal and DAVV, Indore • Recognised by: DTE Govt. of MP)

Campus: Khandwa Road, Indore-452020 (M.P.) Phone: +91-07324-405000

• Email: info@svceindore.ac.in • Website: www.svce.vivekanandgroup.com

### Index

CRITERIA – 7							
S.No.	List of Document	Page No.					
1	Alternate sources of energy and energy conservation measures	1-8					
2	Management of the various types of degradable and non-degradable waste	9-12					
3	Water conservation	13-16					
4	Green campus initiatives	17-49					
5	Disabled-friendly, barrier free environment	50-51					
6	Policy document on the green campus and plastic free campus	52-54					

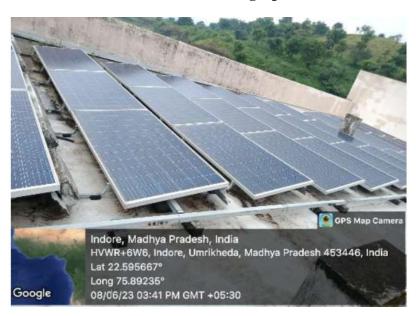
IQAC COORDINATOR
SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

#### 1. Alternate sources of energy and energy conservation measures

#### A. Use of Alternate sources of energy

Swami Vivekanand College of Engineering Installed Two 25 KWp Solar system on Institute Roof Top from 24/04/2017.

#### **Solar Panel Photograph**



**Solar Panel Photograph** 



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#### **Solar Panel Photograph**



**Solar Panel Photograph** 



IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

#### **Photograph of Solar Panel Control Room**



**Photograph of Solar Panel Control Room** 



IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

#### Certificate for C.T. from M.P.P.K.V.V



### OFFICE OF THE ASSISTANT ENGINEER (L.T.M.T.) M.T. DN.-I M.P.P.K.V.V.CO.LTD.INDORE

#### CERTIFICATE FOR C.T

Name Of Consumer Swami Vivekanand College of Engineering

Address

Khandwa Road Near Toll Naka Indore

No.Of C.T

4

C.T Make

Power trac.

Ref

Rtp no 299

M.R No. & Date

Mr no. 7312X124 Dt. 2-2-18

Amount Deposited

1600

Date Of Testing

21-3-18

#### RESULT FOUND

Sr.No	. C.T No.	Make	Cap.	Ratio	Polarity	Error
1	35917	Power trac	100/5	ok	ok	
2	35932	Power trac	100/5	ok	ok	
3	40523	Power trac	100/5	ok	ok	
4	40511	Power trac	100/5	ok	ok	

Primary Current...100...Amp

Secondary Current.....5...Amp

Asst.Engineer [L.T.M.T] M.P.P.K.V.V.C.L Indorg

SET.EL

**DPPO A12** 

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

### **Work Completion Report of Solar Panel**

	Work complete	cion report	
To,			
Т	he Executive Engineer(Ele)		
	O & M-CH2		
	Indore		
N	ladhya Pradesh Madhya/Paschim/Poorv	Viduat Vitran Componer	
		ray at vittail Company	
Mada	m/Sir,		
	Sub: Submission of work completi		
	Ref: Our Application Registration N	6 RTP 299 dtd:	
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mspe	ct and commission the system at the	e earliest.	
A. S	olar,PV module		
7	D.C.		
2		Renewsys solar	
	Type of the module	PHOTOVOLTIC MODULES	
3	The state of the s	320W	
5		78	
6	Total Capacity in kWp  Date of Installation	24.96KWp 24-04-2017	
7	Serial No. Of Panel	Annexure-1	
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B. In	verter 💆		
. 1	Make	GROWATT	
2	Model No	GROWATT 33000TL3-S	
3	Capacity	33KW	
14	No. of Inverters	1	
-	Sl.No.  Total AC capacity of inverter	AFA263400B 33KW	
5	(KW)	SSRW	
5	Date of Installation	24-04-2017	
-			
6			
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6 7 Cab	les: DC	KEI 1C x 4SOMM	
6 7 Cab	les: DC	KEI 1C x 4SQMM	
6 7 Cab	les: DC Make Size & Type	-	

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

191	The second secon	ake		HAVELLS 10 - 16SOMM
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		ike		POWER ONE
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	3 AC	Surge Protec	ction Device:	VES.
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	2.	8. Lightening	g arrester	YES
-	4 Siz	e & Type	Property of the self-	CHEMICAL
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	100 00000	Date of		
	7	Test by MT,		
	22	DISCOM	3.13	

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF Peter

#### **Bill of Solar Panel**

1	ENFROS SOLUTIONS LLP A-165, H.B.U NAGAR, PUSHKAR ROAD E-Mail: pratesk@enfros.co.in		ice No. VAT		ated	1047
-	MER, RAJASTHAN.305001 E-Mail: prateek@enfros.co.in	8 Del	ivery Note		5-Jun-2 ode/Terr	ns of Payment
		Buy	/er's Order No	D	ated	
	Consignee SWAMI VIVEKANAND COLUMN	Des	spatch Docume	nt No. D	elivery N	lote Date
0	SWAMI VIVEKANAND COLLEGE OF ENGINNERING KHANDWA ROAD, NEAR TOLL NAKA, VIVEKANAND KNOW FORE CITY	Des	spatched throu	igh D	estinatio	n
	VIVEKANAND KNOWLEDGE CITY, PANIT NO  INDORE (MP)	Ten	ms of Delivery	,		
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	Buyer (if other than consignee) SWAMI VIVEKANAND COLLEGE OF ENGINNERING KHANDWA ROAD, NEAR TOLL NAKA, VIVEKANAND KNOWLEDGE CITY PAN/IT No : INDORE (MP)					
93	SI					
N			Quantity	Rate	per	Amount
1	25 KW SOLAR POWER GENERTAING SYSTEM		1 LOT	11,06,000.00	LOT	11,06,000.00
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SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

18th

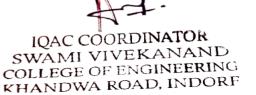
#### **B.** Energy conservation measures

Swami Vivekanand College of Engineering applied posters written slogan "Turn off lights and fans" These posters serve as a visible reminder to students, faculty, and staff to be mindful of their energy usage and to take simple yet effective actions to reduce unnecessary electricity consumption. By encouraging individuals to switch off lights and fans when not in use, the college is contributing to cost savings and resource efficiency. This initiative underscores the college's commitment to environmental responsibility and its dedication to instilling eco-conscious behaviors within its community. Through such efforts, Swami Vivekanand College of Engineering is not only promotion a culture of energy conservation but also empowering individuals to make a positive impact on the environment.

#### Turn off lights and fans sign board photographs









#### 2. Management of the various types of degradable and non-degradable waste

#### A. Waste management Practices adopted by the Institute

In the college, there are 5 dustbins placed strategically across the campus for waste segregation. These dustbins are color-coded to indicate the type of waste they are meant for. The green dustbin is for paper waste, the blue dustbin is for glass waste, the yellow dustbin is for plastic waste, the red dustbin is for metal waste, and the black dustbin is for organic waste.

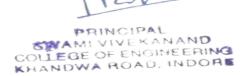
Additionally, there are 2 dustbins specifically for two types of waste segregation purposes from entire college. These dustbins are usually blue or green in color and are meant for collecting dry and wet waste.

The presence of these dustbins promotes waste segregation and recycling practices among students and faculty, contributing to a cleaner and more sustainable campus environment.



Five types of bin photograph





#### Five types of bin photograph



Two bins photograph



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**B. Processing of Kitchen Waste:** Swami Vivekanand College of Engineering will implement a kitchen waste processing system to convert kitchen waste into compost. This initiative aims to minimize organic waste sent to landfills, reduce greenhouse gas emissions, and promote sustainable waste management practices.





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PRINCIPAL SWAMI VIVEKANAND

### **Bill of Kitchen Waste Processing Unit**



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#### 3. Water conservation

#### **A. Rain Water Harvesting Systems**

In SVCE, rainwater is harvested and channelized through the recharge well which is constructed to allow storm water to infiltrate inside the soil.

# Photograph of Rain Water Harvesting Systems



**Photograph of Rain Water Harvesting Well** 



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#### **Photograph of Rain Water Harvesting Channel**



**Photograph of Rain Water Harvesting Channel** 



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COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORE

#### **B.** Awareness for Water Conservation

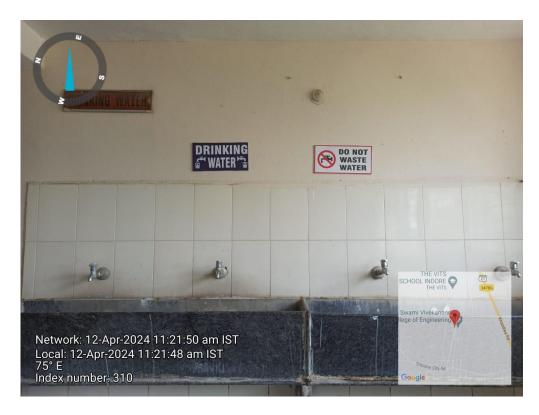
Swami Vivekanand College of Engineering demonstrates its dedication to water conservation through the implementation of posters bearing the impactful slogan "Don't Waste Water". These posters serve as a constant reminder to the college community about the importance of preserving this precious resource. By encouraging individuals to be mindful of their water usage and to avoid wastage, the college is actively contributing to sustainable water management practices. Through initiatives like these, the college aims to raise awareness about the significance of water conservation and to inspire proactive measures among students, faculty, and staff.



**Photograph of Water Conservation sign boards** 

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#### Photograph of Water Conservation sign boards



Photograph of Water Conservation sign boards



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COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

#### 4. Green campus initiatives

Swami Vivekanand College of Engineering is actively engaged in green campus initiatives aimed at promoting sustainability and environmental awareness. SVCE conducts green and environment audits to assess practices and identify areas for improvement. SVCE organizes plantation drives to increase greenery and biodiversity on campus, contributing to a healthier environment. SVCE includes innovative technologies like QR scan codes to provide accessible information about the diverse range of trees and plants within the campus, fostering greater awareness and appreciation for the natural environment. SVCE applied Clean and Green SVCE Posters Implementing the "Clean and Green SVCE" slogan on the walls to promote the clean and green campus initiative will significantly impact the mindset of both students and faculties.

#### **List of Plants and Trees**

Sr. no.	Category	Botanical And FamilyName	Quantity
1	Herbals	TULSHI, ALOVERA,PIPAL, NEEM, HIBUSCUS, LAGUNDI, FICUSMICROCORPA, ACALYPHA, MANGIFERA	55
2	Fruits	MANGO,GUAVA,ALMONDS,PAPAYA,ZIZIPHU S,TAMARIND, RUBUSCOCKBURNIANUS	40
3	Decorations	CHAMELI , COPPER LEAF , ARABIAN JASMINE , PALMTREE , INDONESIAN BAY , AGONUS , SONG OF INDIA ,SAGO PLANT , ROSE , CABBAGE PALMS , HARIPRIYA ,LAPORTEA	150
4	Others	CASSIA DIDYMOBOTRYA, TANG-GWA WHITE, FIREBUSH, e FLORA, RHODO DENDRON, BOUGAINVILLEA, PREMNA SERRATIFOLIA, CREEPER, IXORA, MELICOPE RUBRA, CANNA TUERCKHEIMIL, RANGOON CREEPER, SPERRY, SPATHODEACAMPANULATA, TECOMA, BLACK BOARD TREE, AGAVE, ARBORVITAE, SIDEROXLOY, BOUGAINVILLEAGLABRA	100
		Total	345

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#### A. Plantation Drive

#### **Notice Plantation Drive on 08/06/2023**



Date: 05/06/2023

#### Notice

Swami Vivekanand College of Engineering is organizing a Plantation Drive in the college campus on 08th June 2023 from 11:00 AM onwards. All students and staffare cordially invited to participate in this event.

Principal

SVCE, Indore

CC:

- 1. Director, SVGIs
- 2. Vice Principal
- 3. Administrative Officer
- 4. Notice Board

IQAC COORDINATOR
SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF



# Swami Vivekanand College of Engineering, Indore

## A Report

on

**Plantation Drive** 

on

08/06/2023

**Academic Session 2022-23** 

IQAC COORDINATOR
SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

PRINCIPAL

COLLEGE OF ENGINEERING

KHANDWA ROAD, INDORE

Report on Plantation Drive on 08/06/2023

**Introduction:** 

On 8th June 2023, a plantation drive was organized to promote environmental conservation

and sustainability. The drive aimed to raise awareness about the importance of trees in

mitigating climate change and enhancing biodiversity.

**Event Details:** 

Date: 8th June 2023

Location:Indore

Organised by: Swami Vivekanand College of Engineering

Type of Program: Planation

**Objective:** 

To contribute to environmental conservation efforts and promote a greener, healthier

environment. The drive also aimed to engage participants in a hands-on activity that would

foster a sense of responsibility towards the environment.

**Activities:** 

During the plantation drive, participants planted saplings of native tree species. They were

provided with information about the benefits of each species and how their planting would

contribute to the local ecosystem. Participants also took part in a brief orientation session on

the importance of trees in combating climate change.

**Conclusion:** 

IQAC CÖORDI**NATO**R COLLEGE OF ENGINEERING

khandwa road, indorf

In conclusion, the plantation drive on 8th June 2023 was a successful initiative that contributed to environmental conservation and community engagement. Such drives play a crucial role in promoting environmental stewardship and building a sustainable future.

Mr. Vishal Wankhade

**Event Coordinator** 

IQAC COORDINATOR
SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

PRINCIPAL

21

### **Photograph Plantation Drive**



**Photograph Plantation Drive** 



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#### **Photograph Plantation Drive**



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KHANDWA ROAD, INDORF



# Swami Vivekanand College of Engineering

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452020 (M.P.) Phone: +91-07324-405000

Email: Info@svceindore.ac.in

Website: www.vivekanandgroup.com

Date: 19/08/2022

#### Notice

Swami Vivekanand College of Engineering is organizing a Plantation Drive in the college campus on 22/08/2022 from 10:00 AM onwards. All students and staff are cordially invited to participate in this event.

Principal

SVCE, Indore

CC:

- 1. Director, SVGIs
- 2. Vice Principal
- 3. Administrative Officer
- 4. Notice Board

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF 18 tis



# Swami Vivekanand College of Engineering, Indore

## **A Report**

on

**Plantation Drive** 

on

22/08/2022

**Academic Session 2022-23** 

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF Retin

25

Report on Plantation Drive on 22/08/2022

**Introduction:** 

On 22<sup>nd</sup> August 2022, a plantation drive was organized to promote environmental

conservation and sustainability. The drive aimed to raise awareness about the importance of

trees in mitigating climate change and enhancing biodiversity.

**Event Details:** 

Date: 22<sup>nd</sup> August 2022

Location:Indore

Organised by: Swami Vivekanand College of Engineering

Type of Program: Planation

**Objective:** 

To contribute to environmental conservation efforts and promote a greener, healthier

environment. The drive also aimed to engage participants in a hands-on activity that would

foster a sense of responsibility towards the environment.

**Activities:** 

During the plantation drive, participants planted saplings of native tree species. They were

provided with information about the benefits of each species and how their planting would

contribute to the local ecosystem. Participants also took part in a brief orientation session on

the importance of trees in combating climate change.

COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

#### **Conclusion:**

In conclusion, the plantation drive on 22<sup>nd</sup> August 2022 was a successful initiative that contributed to environmental conservation and community engagement. Such drives play a crucial role in promoting environmental stewardship and building a sustainable future.

Dr. Manik Welankar

**Event Coordinator** 

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF DELT.

#### **Photograph Plantation Drive**



**Photograph Plantation Drive** 



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#### **Photograph Plantation Drive**



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#### **Notice Plantation Drive on 13/11/2021**



# Swami Vivekanand College of Engineering

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Campus: Khandwa Road, Near Old Toll Naka, Indore-452020 (M.P.) Phone: +91-07324-405000

◆ Email: info@svceindore.ac.in ◆ Website: www.vivekanandgroup.com

Date: 12/11/2021

#### Notice

Swami Vivekanand College of Engineering is organizing a Plantation Drive in the college campus on 13th November 2021 from 10:00 AM onwards. All students and staff are cordially invited to participate in this event.

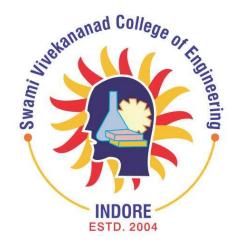
Principal

SVCE, Indore

#### CC:

- 1. Director, SVGIs
- 2. Vice Principal
- 3. Administrative Officer
- 4. Notice Board

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KHANDWA ROAD, INDORF



# Swami Vivekanand College of Engineering, Indore

## A Report

on

**Plantation Drive** 

on

13/11/2021

**Academic Session 2021-22** 

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

**Report on Plantation Drive in Induction Program on 13/11/2021** 

**Introduction:** 

As part of the induction program, a plantation drive was organized on 13th November 2021.

The drive aimed to instill a sense of environmental responsibility and promote sustainable

practices among the participants.

**Event Details:** 

Date – 13<sup>th</sup> November 2021

Location-SVCE, Indore

Organised by – Swami Vivekanand College of Engineering

Type of Progam- Plantation drive

**Objective:** 

To create awareness about the importance of environmental conservation and encourage

participants to contribute to greening initiatives. The drive also aimed to foster a sense of

community and teamwork among the participants.

**Activities:** 

During the plantation drive, participants were actively involved in planting saplings. They

were provided with information about the types of saplings, their significance in the local

ecosystem, and how to care for them. Participants were also encouraged to share their

thoughts and experiences related to environmental conservation.

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PRINCIPAL SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORE

32

#### **Conclusion:**

In conclusion, the plantation drive in the induction program was a successful initiative that contributed to environmental conservation and community engagement. Such activities are essential for fostering a culture of sustainability and responsibility towards the environment.

Dr. Manik Welankar

**Event Coordinator** 

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COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

PRINCIPAL

33

### **Photograph Plantation Drive**



**Photograph Plantation Drive** 



IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF PRINCIPAL

# **Photograph Plantation Drive**



**Photograph Plantation Drive** 



IQAC COORDINATOR
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COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

### Notice Plantation Drive on 07/08/2019



# Swami Vivekanand College of Engineering

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Campus: Khandwa Road, Near Old Toll Naka, Indore-452020 (M.P.) Phone: +91-07324-405000
• Email: info@svceindore.ac.in • Website: www.vivekanandgroup.com

Date: 05/08/2019

# Notice

Swami Vivekanand College of Engineering is organizing a Plantation Drive in the college campus on 07/08/2019 from 10:00 AM onwards. All students and staff are cordially invited to participate in this event.

Principal

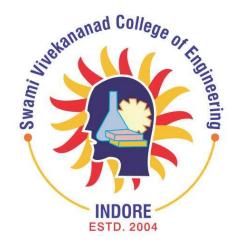
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CC:

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- 2. Vice Principal
- Administrative Officer
- 4. Notice Board

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COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

Postin



# Swami Vivekanand College of Engineering, Indore

A Report

on

**Plantation Drive** 

on

07/08/2019

**Academic Session 2019-20** 

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

Report on Plantation Drive on 07/08/2019

**Introduction:** 

On 7<sup>th</sup> August 2019, a plantation drive was organized to promote environmental conservation

and sustainability. The drive aimed to raise awareness about the importance of trees in

mitigating climate change and enhancing biodiversity.

**Event Details:** 

Date: 07/08/2019

Location:Indore

Organised by: Swami Vivekanand College of Engineering

Type of Program: Planation

**Objective:** 

To contribute to environmental conservation efforts and promote a greener, healthier

environment. The drive also aimed to engage participants in a hands-on activity that would

foster a sense of responsibility towards the environment.

**Activities:** 

During the plantation drive, participants planted saplings of native tree species. They were

provided with information about the benefits of each species and how their planting would

contribute to the local ecosystem. Participants also took part in a brief orientation session on

the importance of trees in combating climate change.

COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

# **Conclusion:**

In conclusion, the plantation drive on 7th August 2019 was a successful initiative that contributed to environmental conservation and community engagement. Such drives play a crucial role in promoting environmental stewardship and building a sustainable future.

Dr. Manik Welankar

**Event Coordinator** 

IQAC CÖORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

# **Photograph Plantation Drive**



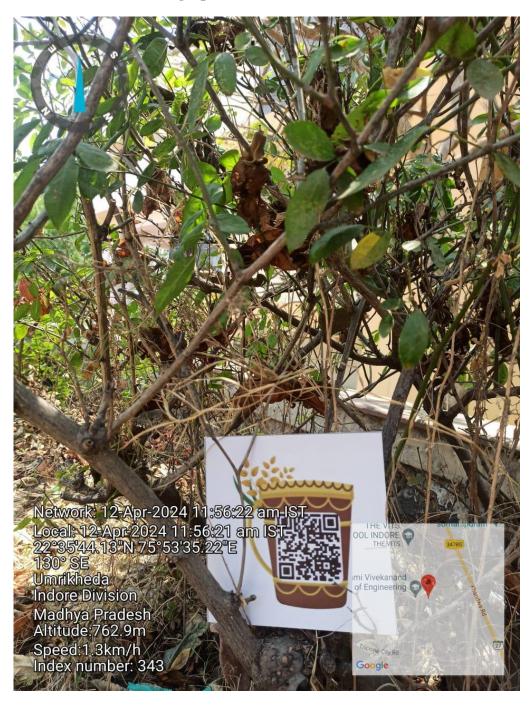
**Photograph Plantation Drive** 



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KHANDWA ROAD, INDORF

**B. QR Scan Codes for Plants and Trees**: Swami Vivekanand College of Engineering will introduce QR scan codes for plants and trees on campus, providing information about their species. This initiative aims to enhance awareness about biodiversity and encourage active engagement in conservation efforts.









# Photograph QR Scan Codes for Plant



Photograph QR Scan Codes for Tree



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# Photograph QR Scan Codes for Tree



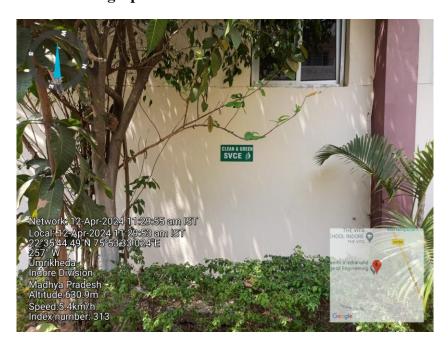
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C. Clean and Green SVCE Posters: Implementing the "Clean and Green SVCE" slogan on the walls to promote the clean and green campus initiative will significantly impact the mindset of both students and faculties. By visually reinforcing the message throughout the campus, it creates a constant reminder of the importance of sustainability and environmental stewardship. Each time students and faculty members pass by these walls; they are subtly encouraged to reflect on their own actions and choices regarding the environment. This initiative fosters a sense of responsibility and ownership among the campus community, empowering them to actively participate in maintaining a clean and green environment.

# Photograph of Clean and Green SVCE Poster

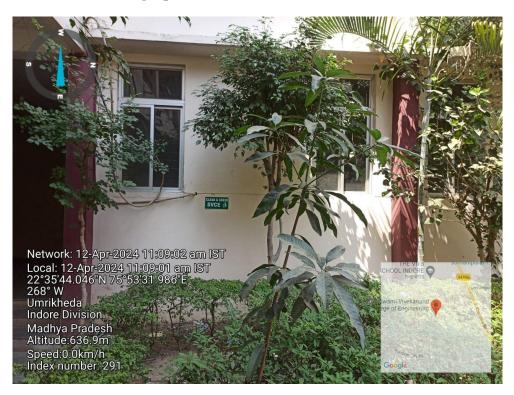


Photograph of Clean and Green SVCE Poster

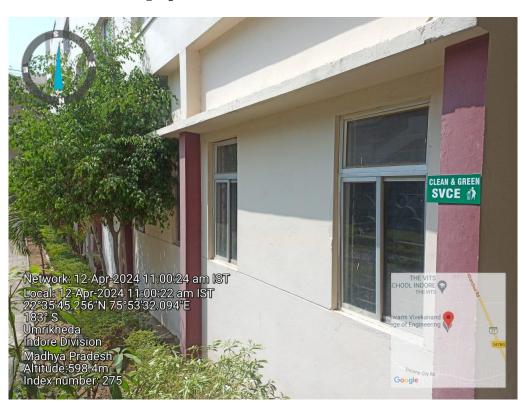


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# **Photograph of Clean and Green SVCE Poster**

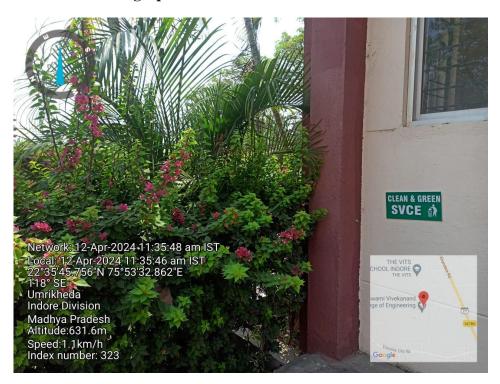


Photograph of Clean and Green SVCE Poster



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# Photograph of Clean and Green SVCE Poster



Photograph of Clean and Green SVCE Poster



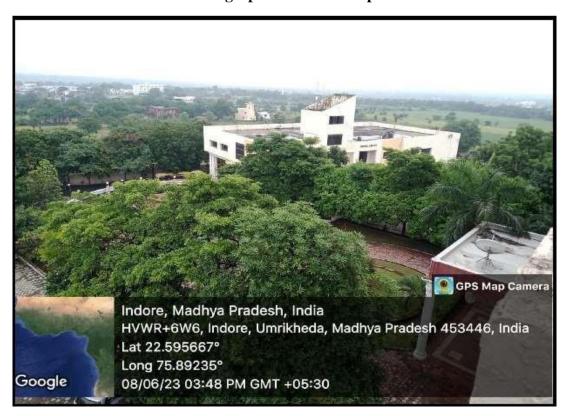
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# **Photograph of Green Campus**





# **Photograph of Green Campus**



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KHANDWA ROAD, INDORF

# **Photograph of Green Campus**



**Photograph of Green Campus** 

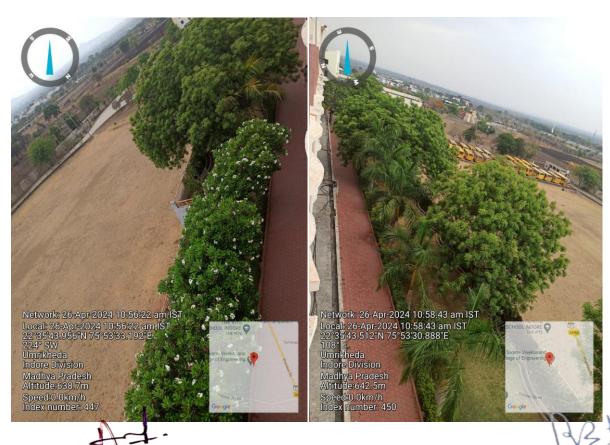


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# **Photograph of Green Campus**



**Photograph of Green Campus** 



IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

# 5. Disabled-friendly, barrier free environment

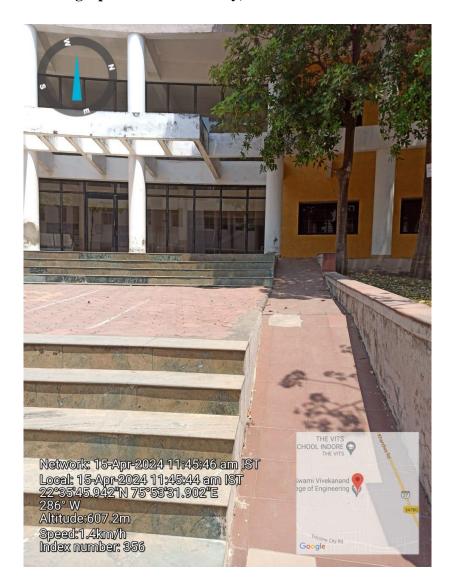
Since its establishment in 2004, Swami Vivekanand College of Engineering not evidenced registration any physically challenged students. However, recognizing the importance of proactive measures to ensure equal opportunities for all, the college administration took proactive steps to enhance the campus infrastructure. In a commitment to creating a more inclusive environment, ramp ways were constructed on the ground floor, ensuring that the campus is disabled-friendly and barrier-free. These efforts not only demonstrate the college's dedication to diversity and inclusivity but also serve as a testament to its ongoing commitment to providing a supportive and empowering educational experience for all students, regardless of physical ability.

# Network: 15-May-2024 2:58:12 pm IST Local: 15-May-2024 2:58:12 pm IST 22°35'44.268"N 75°53'30.006"E 1° N Umrikheda Indore Division Madhya Pradesh Altitude:618.0m Speed:0.8km/h Index number: 560 Swam City O Google

Photograph Disabled-friendly, barrier free environment

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF PRINCIPAL MAMI VIVEKANAND

# Photograph Disabled-friendly, barrier free environment



IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF



# Swami Vivekanand College of Engineering

(Approved by: AICTE, New Delhi • Affiliated to RGPV, Bhopal and DAVV, Indore• Recognised by: DTE Govt. of MP)

Campus: Khandwa Road, Indore-452020 (M.P.) Phone: +91-07324-405000

• Email: info@svceindore.ac.in • Website: www.svce.vivekanandgroup.com

Date: 17/03/2017

# POLICY OF GREEN CAMPUS/PLASTIC FREE CAMPUS

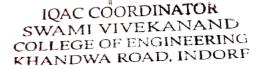
The green campus concept offers an institution an opportunity to take the lead in redefining its environmental culture and protecting the ecosystem. The Green Campus and Environment Policy will develop exciting new co-curricular and extracurricular practices that encourage students and staff to take the lead in creating positive change. Swami Vivekanand College of Engineering, Indore, is conscious of environment conservation with its green campus initiatives and maintains a pollution-free and clean campus.

The main focus areas for the green campus/plastic-free campus policy are:

- 1. Landscaping initiatives with trees and plants
- 2. Clean campus initiatives
- 3. Infrastructure
  - a) A grid-connected PV solar system for the campus
  - b) Installation of energy-efficient equipment
  - c) Water conservation through rainwater harvesting systems
- 4. Waste management processes
  - a) Solid waste management
  - b) Processing of Kitchen Waste
- 5. Environment- Centred Awareness Activities
- 6. Green Audit
- 7. Plastic-Free Campus

# Objectives of the policy:

- To protect and conserve ecological systems and resources within the campus.
- To ensure efficient use of environmental sources to meet the needs and aspirations of present and future generations.
- To integrate environmental concerns into policies, plans, and programs for social development.
- To conduct an environmental and energy audit.





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# Landscaping initiatives with trees and plants

Sustainable infrastructure is a vital part of the college campus, providing space for study, play, and outdoor events. The green campus and landscape also helps to provide clean and cool air on campus. There are a number of trees, shrubs, and medicinal plants on campus, along with grass cover.

### **Clean Campus Initiatives**

In accordance with Swachh Bharat Abhiyan, the college has committed to actively coordinating cleanliness activities in the college and beyond the campus. A gardener and full-time, adequate supporting staff are appointed for the Clean and Green Campus. These initiatives include:

- Generating mass awareness on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives.
- Teaching faculties and staff members are encouraged to participate in the cleanliness drives.
- Conduct various tree plantation programs.

### Infrastructure

# a) Grid-connected PV solar system for the campus

The college believes in reducing the consumption of electricity by utilizing gridconnected PV solar systems. These panels are installed on the rooftop of the college building.

# b) Installation of energy-efficient equipment

The college commits to installing environment-friendly electrical appliances that save energy and reduce energy waste. Some of the tube lights and lamps are replaced by LEDs.

# c) Water Conservation through the Rainwater Harvesting System

SVCE will install rainwater harvesting systems across the campus to capture and store rainwater for groundwater recharge. This initiative aims to conserve water resources.

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# Waste management processes

# a) Solid waste management

The institute will implement a comprehensive waste segregation system, dividing waste into five categories: organic, paper, plastic, metal, and glass. This initiative aims to promote recycling, reduce landfill waste, and foster a culture of sustainable waste management.

# b) Processing of Kitchen Waste

The institute will implement a kitchen waste processing system to convert kitchen waste into compost. This initiative aims to minimize organic waste sent to landfills and promote sustainable waste management practices

### **Environment - Centred Awareness Activities**

The college encourages awareness programs, plantation programs, and cleanliness drives on and off campus.

# **Green Audit**

The college aims to conduct a green audit to assess strengths and weaknesses for long-term sustainability. The college can then consider how to implement changes and make savings. Green auditing will promote financial savings through a reduction in the use of resources. It is imperative that the college evaluate its own contributions toward a sustainable future.

# Plastic-free campus

In view of the Government of India's resolution to ban all single-use plastics due to the hazardous impact of plastic use and pollution, the college administration strictly bans the use of single-use plastics in its premise to make it a 'Plastic Free Campus'.

**Director** 

SVGI. Indore

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD. INDORF

PRINCIPAL