



# **Shree Guru Gobind Singh Ji Government College Paonta Sahib, District Sirmaur, Himachal Pradesh**

## ***2<sup>nd</sup> Cycle of NAAC Accreditation***

### **Criterion 7 Institutional Values and Best Practices**

#### **Key Indicator 7.1 Institutional Values and Social Responsibilities**

**Metric 7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste**

## ***Waste Management System***

## **Table of Contents**

1. Solid waste management.....	1
2. Liquid waste management.....	3
3. Biomedical waste management .....	3
4. E-waste management .....	3
5. Waste recycling system .....	5
6. Hazardous chemicals and radioactive waste management .....	5
7. Innovations in Waste Disposal.....	6

The college manages the waste generated within the campus by implementing proper management systems with separate methodologies for handling biodegradable and non-degradable solid, liquid and e-waste materials.

Students are encouraged to inculcate positive values in terms of caring for the environment through proper waste disposal and management.

### **1. Solid waste management**

Following the Government of India's resolution to ban all single-use plastics, the college administration has declared the college campus plastic free. To keep the campus neat and clean the small dustbin is placed in each classroom and big dustbin on each floor of the college building. Inspired by Swachh Bharat Mission, colour coded system is being used in the Institute to segregate recyclable and biodegradable waste. Sometimes, the NSS volunteers clean the college campus as part of their activity.



*Photograph 1 Biosciences Laboratory Waste*



*Photograph 2 Use of Dustbin for Waste Material Amphitheatre*



*Photograph 3 Vermi Composting Unit*



## **2. Liquid waste management**

The liquid waste disposal is well managed by the college. The chemicals discharged from the chemistry laboratory are disposed of in a separate tank, outside the lab.

The liquid waste generated from the canteen and washrooms is channelled into scientifically built underground tanks. There are soak pits on campus that discharge treated water to the ground and help keep water levels high.

The college has operationalized rain harvesting for reuse of wastewater.

## **3. Biomedical waste management**

The biologically contaminated waste materials such as media and microbial culture are sterilized, disinfected, and disposed in proper labelled disposable bags. They are then disposed in pits and incinerated. Incinerators are installed in girl's washroom also.

## **4. E-waste management**

College follows all government guidelines for the disposal of E-waste. E-waste materials like out of function computers, non-functioning digital apparatus like Mother Board, Hard Drive, and other office e-waste are disposed-off through government approved agencies or buy back schemes.



*Photograph 4 E-waste*



*Photograph 5 E-waste*



*Photograph 6 E-waste*



*Photograph 7 E-waste*

## **5. Waste recycling system**

The college follows the policy of Review, Reduce, Reuse, Recycle for waste management. The recycling process generally is considered an efficient way to manage solid waste but recycling itself is an energy intensive process and not so green as every product has a limited lifespan. Therefore, we focus on the 'reduce' principle wherever possible.

College has vermicomposting pits to convert organic waste into compost as an alternative to expensive synthetic fertilizers like NPK. Leaf litter is allowed to decompose systematically over a period of time to be used as manure for the gardens in the institute.

Awareness programmes are organized by the NSS/NCC/ ECO Club to raise awareness about plastic waste, food waste etc.

## **6. Hazardous chemicals and radioactive waste management**

The chemicals used in the chemistry laboratory are disposed after dilution, collected in choke pits, and released. Acids are neutralized and released. There are no sources of radioactive elements on the campus.





*Photograph 8 Chemical Waste Management*

## **7. Innovations in Waste Disposal**

- Dry waste which includes plastic bottles is used to make poly-bricks, which may be used for constructing benches etc.
- Single side used papers are reused for writing and printing in all departments.
- Reports/ papers/newspapers etc. are sold out to scrap vendor after completion of their preservation period.



## एनएसएस और क्लब के सदस्यों ने बनाई पॉलीब्रिक्स

पांवटा साहिब (सिरमौर)। श्री गुरु गोबिंद सिंह जी राजकीय महाविद्यालय पांवटा साहिब में राष्ट्रीय सेवा योजना के स्वयंसेवकों तथा रोट्रेक्ट क्लब के सदस्यों ने मिलकर 75 पॉलीब्रिक्स बनाई हैं। एनएसएस के 35 स्वयंसेवकों ने प्रो. रीना चौहान के निरीक्षण में भाग लिया। इन स्वयंसेवकों ने विगत 2 महीनों में अनिल सैनी प्रधान रोटरी क्लब के नेतृत्व में हर वीरवार को कुल्हाल पुल से क्लीन पांवटा ग्रीन पांवटा से मनिंदर सिंह की टीम के साथ मिलकर पॉलिथीन इकट्ठा किया। कॉलेज के इन विद्यार्थियों ने अपने-अपने घरों से और महाविद्यालय प्रांगण से भी प्लास्टिक इकट्ठा किया। 7 फरवरी को एक दिवसीय शिविर लगाकर कॉलेज प्रांगण में इन स्वयंसेवकों ने पॉलीब्रिक्स बनाई। प्राचार्या डॉ. वीना राठौर ने स्वयंसेवकों के समर्पित भाव को सराहा। इस अवसर पर रोटरी क्लब पांवटा के प्रधान अनिल सैनी, प्रो. देवीन्द्रा गुप्ता, कॉलेज के रोट्रेक्ट क्लब की कोऑर्डिनेटर प्रो. रीना चौहान, रोट्रेक्ट क्लब के प्रेजिडेंट मोहम्मद तालिब, पारस, आरती, अमित, विक्रम, भारती, अंकिता, अंकित रावत व मंजू समेत रोट्रेक्ट क्लब व एनएसएस के स्वयंसेवक मौजूद रहे।

News Clip 1 Amar Ujala 8<sup>th</sup> March 2020, p.4



पांवटा साहिब - पीजी कालेज में जागरूकता कार्यक्रम में मौजूद विद्यार्थी व स्टाफ

### पांवटा कालेज में ध्वनि प्रदूषण-प्लास्टिक प्रबंधन पर कार्यक्रम

पांवटा साहिब। प्रदूषण नियंत्रण बोर्ड के सोजन्य से पांवटा साहिब के श्री गुरु गोबिंद सिंह जी राजकीय महाविद्यालय में एकदिवसीय जागरूकता कार्यक्रम आयोजित किया गया। यह कार्यक्रम भारत रोवर्स-रेंजर्स इकाई के सहयोग से आयोजित हुआ। इसमें विशेष तौर पर, पर्यावरण अभियंता, प्रदूषण नियंत्रण बोर्ड एके शारदा व उनके सहयोगी अनिल कुमार ने ध्वनि प्रदूषण व प्लास्टिक प्रबंधन पर विद्यार्थियों को जागरूक किया। एके शारदा ने ध्वनि प्रदूषण के कारक व उसके दुष्परिणाम तथा उससे संबंधित अधिनियमों की जानकारी साझा की। उन्होंने बताया कि शैक्षणिक संस्थान, अस्पताल आदि सभी ध्वनि वर्जित क्षेत्रों में आते हैं, जहां हॉर्न बजाना, पटाखे फोड़ना, जैसे तेज ध्वनि वाले यंत्रों का प्रयोग करने पर पाबंदी है। उन्होंने प्लास्टिक प्रबंधन के बारे में बताते हुए नए अधिनियम पर प्रकाश डालते हुए बताया कि इस अभियान में नगर परिषद के साथ ग्राम पंचायतें भी जुड़ गई हैं। नागरिकों की भागीदारी सुनिश्चित करने के लिए उन्होंने विद्यार्थियों को प्लास्टिक पैरे वातावरण बनाने में व्यक्तिगत स्तर पर जुड़ने का आग्रह किया। इस अवसर पर प्राचार्या प्रो. देविन्द्रा गुप्ता, प्रो. चंद्रकांत, प्रो. प्रदीप तोमर व प्रो. सोनिया मोहिल, रोवर-रेंजर्स अधिकारी, प्रो. उषा जोशी, केएस नेगी, प्रो. रीना चौहान, प्रो. कल्याण राणा, महेश तथा लगभग 150 विद्यार्थी मौजूद रहे।

News Clip 2 Divya Himachal, 11<sup>th</sup> October 2019, p.2



## पांवटा कालेज ने प्लास्टिक वेस्ट पर किया जागरूक



पांवटा साहिब-श्री गुरु गोबिंद सिंह जी राजकीय महाविद्यालय पांवटा साहिब में ग्रीन वेत्स ईको क्लब द्वारा प्लास्टिक वेस्ट के खिलाफ जागरूकता अभियान चलाया गया। यह अभियान प्लास्टिक वेस्ट फ्री कैंपस स्वच्छता ही सेवा-2019 के अंतर्गत आयोजित किया गया। इस अभियान में छात्रों द्वारा लगभग सात किलोग्राम मिक्स प्लास्टिक वेस्ट एकत्रित किया गया तथा उसे एमसी ऑफिस पांवटा साहिब में जमा करवाया गया। इस अभियान में प्राचार्या देविंद्रा गुप्ता, ईको क्लब प्रभारी प्रो. धनमंती कंडासी, प्रो. सीमा त्यागी तथा डा. जाहिद अली मालिक आदि सम्मिलित हुए। प्राचार्या देविंद्रा गुप्ता ने ईको क्लब के सदस्यों द्वारा छात्रों को प्लास्टिक वेस्ट के दुष्प्रभावों के बारे में अवगत करवाया गया तथा उन्हें कालेज कैंपस को प्लास्टिक वेस्ट फ्री रखने का भी संकल्प दिया गया।

News Clip 3 Divya Himachal, 3<sup>rd</sup> November 2019, p.4

## सरकारी कालेज के विद्यार्थियों ने बनाई पॉलीब्रिक्स



पांवटा साहिब । श्री गुरु गोबिंद सिंह जी राजकीय महाविद्यालय पांवटा साहिब में राष्ट्रीय सेवा योजना के स्वयंसेवकों और रोटरेक्ट क्लब के सदस्यों ने मिलकर 75 पॉलीब्रिक्स बनाई। इसमें कुल 35 स्वयंसेवकों ने प्रो. रीना चौहान के निरीक्षण में भाग लिया। इन स्वयंसेवकों ने पिछले दो महीनों में रोटरी क्लब पांवटा के प्रेजिडेंट अनिल सेणी के नेतृत्व में हर गुरुवार को कुल्हाल पुल से मनिंद्र सिंह व टीम के साथ मिलकर पोलिथील इकट्ठा किया। कालेज के

इन विद्यार्थियों ने अपने-अपने घरों से व महाविद्यालय प्रांगण से भी प्लास्टिक इकट्ठा किया। शनिवार को एक दिवसीय शिविर लगाकर कालेज प्रांगण में इन स्वयंसेवकों ने पॉलीब्रिक्स बनाई। इस अवसर पर महाविद्यालय की प्राचार्या डा. वीना राठौर ने स्वयंसेवकों के समर्पित भाव को सराहा। उन्होंने कहा कि महाविद्यालय के वातावरण को सुखद, प्रेरणादायक व खुशहाल बनाने में विद्यार्थियों की इस भावना का अहम योगदान है।

News Clip 4 Divya Himachal, 8<sup>th</sup> March 2020, p.4



पांवटा साहिब। सिंगल यूज प्लास्टिक इक्ट्ठा करने के बाद छात्र सामूहिक चित्र में।

News Clip 5 Divya Himachal, 14<sup>th</sup> October 2021, p.4



ANNEXURE - I

No.-GCP/No-.....40..... Dated: 9.4.19.....  
Office of the Principal  
SGGSJ Govt. College Paonta Sahib.

To

Senior Environmental Engineer,  
Pollution Control Board, Paonta Sahib,  
Distt. Sirmour, H.P.

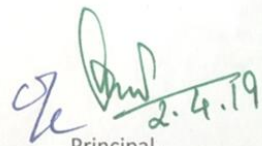
Subject: Annual Return (E-waste) for the year 2017-18 & 2018-19.

Sir,

The college has made agreement with Shivalik Solid Waste Management Limited, Nalagarh, H. P. The following is the list of articles converted into E-waste in the year 2017-18 & 2018-19:

Year	S. No.	Item Name	Manufacturer	Quantity	Remarks
2017-18	1.	Batttery	Exide	10	Sold to Shivalik Solid Waste Management Limited, Nalagarh, H. P. on 28.11.2017
2017-18	2.	Battery	Panasonic	18	Sold to Shivalik Solid Waste Management Limited, Nalagarh, H. P. on 28.11.2017
2018-19	3.	Nil	Nil	Nil	Nil

This is for your kind information.

  
Principal,  
Govt. Degree College,  
Paonta Sahib, Distt. Sirmour,  
Himachal Pradesh.





# SHIVALIK SOLID WASTE MANAGEMENT LTD.

CIN:U33130HP2005PLC028806

GSTIN: 02AAJCS7647D1ZE

FORM 10 [See Rule 19 (1)]

8993



## MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's Name and mailing address (including Phone No. and e-mail)	: Shree Gurm Gobind Singh Jee Raj Kija Mahanidya Paonta Sahib (H.P.)  Phone No. : 01704-223357 e-mail : gcpaonta.sahib@gmail.com
2.	Sender's Authorization No.	:
3.	Manifest Document No.	:
4.	Transporter's name and address (including Phone No. and e-mail)	: Shivalik Solid Waste Management Ltd. Vill. Majra, P.O. Dabhota, Teh. Nalagarh, Distt. Solan (H.P.)
5.	Type of Vehicle	: (Truck / Tanker/ Special Vehicle)
6.	Transporter's registration no.	: N-021/08
7.	Vehicle registration no.	: HP 18C 00842
8.	Receiver's Name and mailing address (including Phone No. and e-mail)	: Shivalik Solid Waste Management Ltd. Vill. Majra, P.O. Dabhota, Teh. Nalagarh, Distt. Solan (H.P.) Ph. No.: 01795-260427, e-mail:
9.	Receiver's Authorization No.	: N-021/08
10.	Waste Description	: Batteries
11.	Total quantity No. of containers	: ..... 400 kg ..... m3 or MT ..... 28 ..... Nos.
12.	Physical Form	: (Solid/Semi- Solid/Sludge/Oily/Tarry/Slurry/Liquid)
13.	Special handling instructions and additional information	:
14.	Sender's Certificate	: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorized, packed, marked, and labeled, and are in all respects in proper conditions for transport by road according to applicable national government regulations.
	Name and stamp : Govt Degree College Paonta Sahib (Sirmour)	Signature : [Signature] 25/11/2017
		Day Month Year 2 8 - 1 1 - 2 0 1 7
15.	Transporter acknowledgement of receipt of Wastes	:
	Name and stamp : Shivalik Solid Waste Management Ltd Village Majra (Dabhota) Teh. Nalagarh Distt. Solan (HP) Pin 174 101	Signature : [Signature]
		Day Month Year 2 8 - 1 1 - 2 0 1 7
16.	Receiver's certification for receipt of hazardous and other waste	:
	Name and stamp :	Signature:
		Day Month Year 2 8 - 1 1 - 2 0 1 7

White Copy

MOU with Shivalik Solid Waste Management limited, Nalagarh



हिमाचल प्रदेश HIMACHAL PRADESH  
This AGREEMENT is entered at Nalagarh on This 30<sup>th</sup> Day of the month of October 2014. 11AA 501195

Between

M/s SHIVALIK SOLID WASTE MANAGEMENT LIMITED having its registered office at Village Maan P.O. Dehota, Nalagarh (H.P.), a Company registered under the Companies Act, 1956 and currently represented by its CEO Shri Ashok Sharma, Age about 59 years residing at Zirakpur (PB) (hereinafter referred to as "SSWML", which expression shall where context so requires or admit of, be deemed to include its successors or assignees) of on one Part.

AND

Shree Guru Gobind Singh Ji Govt. College, Paonta Sahib is Govt. institution under H.P. Govt. It is situated at Paonta Sahib and currently represented by its Principal, Dr. K.V. Singh age about 57 years, residing at Paonta Sahib.

(Hereinafter referred to as MEMBER which expression shall where the context so requires or admit of, be deemed to include its successors or assignees) of the other Part.

AND WHEREAS, the foremost and the sole objective of SSWML is to prevent Environmental Pollution Hazards and to observe the existing laws on Environmental Pollution Control.

AND WHEREAS, the MEMBER desires to send its Used Oil Waste Oil/Waste & Lead Acid Batteries ( hereinafter referred to as 'HAZARDOUS WASTE') to the SSWML as per the norms of Himachal Pradesh State Pollution Control Board (hereinafter referred to as "HPSPCB") and the SSWML having requisite facilities in this behalf, agrees to receive the Used Oil Waste Oil E-Waste & Lead Acid Batteries sent by the MEMBER on the terms and conditions stated hereunder, which have been mutually agreed between SSWML and the MEMBER.



1

PROVISED  
S.G.S. Jns, G.D.O.  
Paonta Sahib (H.P.)

AND WHEREAS, the parties hereto have decided to execute a DEED OF AGREEMENT :

NOW THIS AGREEMENT WITNESSES and it is hereby, mutually agreed by and between the parties hereto as follows :

## 1. DEFINATION AND INTERPRETATIONS :

- 1.1. 'TIME' shall be stated in 'Hours' and shall mean Indian Standard Time.
- 1.2. 'DAY' means a period of Twelve (12) consecutive hours beginning at 08:00 hours and ending at 20:00 hours.
- 1.3. 'WEEK' means a period of seven (7) consecutive days beginning from a day.
- 1.4. 'MONTH' means a period beginning at 0800 hours on the first day of calendar month and ending at 0800 hours on the first day of succeeding calendar month.
- 1.5. 'YEAR' means a period of three hundred and sixty five ( 365) consecutive days or three hundred and sixty six (366) consecutive days when such period includes a twenty ninth (29<sup>th</sup>) day of February, beginning at 0800 hours from a day.
- 1.6. 'FINANCIAL YEAR' means a period of three hundred and sixty five (365) consecutive days or three hundred and sixty six (366) consecutive days when such period includes a twenty ninth (29<sup>th</sup>) day of February, beginning at 0800 hours from a day.
- 1.7. The headings of or titles to the clauses in this AGREEMENT shall not be deemed to be part thereof or be taken into consideration in the interpretation or construction thereof or of the AGREEMENT.
- 1.8. Words imparting the singular only also include the plural and vice versa, where the context so requires.
- 1.9. The present agreement is entered in to by SSWML for collection storage , transportation and disposal of **Used Oil / Waste Oil / E-waste and Lead Acid Batteries** only of its members.

## 2. PERIOD OF AGREEMENT

- 2.1. This Agreement shall come in force, effective from the amendment / change is made in this agreement .
- 2.2 Both the parties hereto agree that the present Agreement shall automatically come to an end in any of the following eventualities.



Principal  
S.G.S. Jee, G.D.O  
Panna Sahib (H.P.)



- i) On expiry of Authorization granted to the Member and the same having not been renewed or the same having been not granted by HPSPCB.
  - ii) On expiry of the present Agreement, where no fresh Agreement is signed and executed between parties hereto as mentioned above.
  - iii) On Authorization to SSWML being cancelled, refused or not granted by HPSPCB.
3. Both the parties hereto further agree that in case of the present Agreement coming to an end owing to any of the aforesaid eventuality, it will be the sole responsibility of the Member to handle and treat its Hazardous waste in accordance with the relevant provisions of law and that SSWML will not be responsible in any manner whatsoever in respect of the Hazardous waste of the Members.

#### 4. OBLIGATION OF THE SSWML & MEMBERS

- 4.1. For the facility of Members SSWML will be making an arrangement for lifting the **Used Oil/ Waste Oil/ E-Waste and Lead Acid Batteries only**, still its discretion of the Member in case want to have his own arrangement with the designated Trucks as per Guidelines of CPCB.
- 4.2. The MEMBER is obliged to pay in the bills raised by SSWML for lifting of Waste Oil in cheque (local account) or demand draft as per mutual understanding.  
SSWML will pay to MEMBER for lifting of Used Oil/ E-Waste & Lead Acid Batteries, as per mutual understanding.
- 4.3. SSWML will provide manifest Form 13 or 13B to the member industries when lift the Used Oil/ Waste Oil/ E-Waste & Lead Acid Batteries.
- 4.4. The MEMBER alone shall be liable for any action initiated against the MEMBER under Hazardous wastes (Management and Handling) Rules, 1989 or any other Pollution Laws or any other relevant provisions of Law for the time being in force, by HPSPCB or any other Authority.

#### 5. TRANSPORTATION

- 5.1. Transport of Solid waste shall be in accordance with the provisions of Rules issued by the Central Government under Motor Vehicles Act, 1988 and other guidelines issued from time to time and / or subject to the provisions of law for the time being in force.

#### 6. FORCE MAJEURE.



3

**Principal**  
S.G.S. Iec. G.D.G.  
Kanta Sahib (L.P.)



- 6.1. In case of any force majeure, SSWML shall not be saddled with any liability- contingent or otherwise but in that case, it shall be the sole liability to share with the MEMBER.
- 6.2. Both the parties hereto agree that due to change in any laws related to pollution or due to any directive of any Court or Authority, if SSWML is to incur any additional financial burden consequent upon any alteration and / or modification in the site, then, in that case the MEMBER shall be liable to contribute for the same proportionate to its disposal of Hazardous waste in SSWML site.

## 7. PREVIOUS CORRESPONDENCE

- 7.1. All discussion and meetings held and correspondence exchanged between SSWML and the MEMBER in respect of the AGREEMENT and any decision arrived at therein in the past and before the coming into force of the present AGREEMENT are herein superseded by the present AGREEMENT and no reference of such discussions or meetings or past correspondence shall be entertained by either SSWML or the MEMBER for interpreting the present AGREEMENT or otherwise.

## 8. LAWS GOVERNING THE AGREEMENT

- 8.1. The present Agreement shall be subject to Indian Laws, rules and regulations and notifications and notifications etc. issued under such laws.

## 9. AMENDMENTS

- 9.1. SSWML may at any point of time make suitable changes in the present Agreement after serving a notice to the MEMBER.

## 10. TERMINATION OF AGREEMENT

- 10.1. SSWML has the unrestricted right to terminate this AGREEMENT by a written notice of 90 days and deduct its all pending claims for the MEMBER.
- 10.2. This AGREEMENT can be terminated by either party after giving a written notice of at least 90 days to the other party. If the cancellation is requested by the MEMBER.

## 11. JURISDICTION

- 11.1. The present Agreement, SSWML and MEMBER mutually agree that the Civil Court at Nalagarh only shall have jurisdiction for all the disputes/differences arising out of this Agreement.

12. The address of the parties hereto unless changed by written notification to be given at least 15 days in advance by registered letter prior to proposed date of change, shall be as follows :



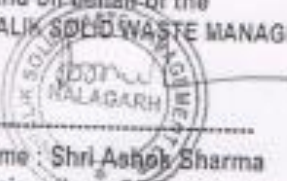
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*[Signature]*  
SSWML  
Nalagarh

ADDRESS OF PARTIES :  
M/s SHIVALIK SOLID WASTE MANAGEMENT LTD  
VILALGE MAJRA, PO DABHOTA, TEHSIL NALAGARH  
DISTRICT SOLAN (H.P)

THE MEMBER :  
IN WITNESS WHERE OF the parties hereto acting through their properly constituted representatives has set their hands to cause this AGREEMENT signed and executed in their respective names and on their behalf.

For and on behalf of the  
SHIVALIK SOLID WASTE MANAGEMENT LTD

  
Name : Shri Ashok Sharma  
Designation : CEO  
Address : SCO 20-21, Kalka  
Shimla Highway, Near Hotel  
Dolphine, Baltana, Zirakpur (PB)

Witness

1. Ajay Sharma  
Name : Ajay Sharma  
Address : Shivalik Solid Waste Mgmt Ltd  
SCO 20-21 11th floor Near Dolphin  
Hotel Baltana Zirakpur PB

2. Rajam Aggr.  
Name : Rajam Aggr.  
Shivalik Solid Waste Mgmt Ltd  
SCO 20-21 11th floor Near  
Dolphin Hotel Baltana Zirakpur  
PB.

5

for and on behalf of the  
MEMBER

27/10/2012  
Principal  
Name : Dr. K.V. Singh G.D.C  
Designation : Principal Sahib (H.P.)  
Address : SGGSJ Govt.  
College, Paonta Sahib  
Distt. Sirmour, (H.P.)

Witness

1. Sh. Naresh Kumar  
Name : Sh. Naresh Kumar 27/10/12  
Address : Supdt., Govt. Degree  
College, Paonta Sahib

2. Sh. Rinku Aggarwal  
Name : Sh. Rinku Aggarwal  
Coordinator, IT Department  
Govt. Degree College, Paonta Sahib

Principal  
SGGSJ Govt. C.D.C  
Paonta Sahib (H.P.)