


**GOVERNMENT CHANDULAL CHANDRAKAR ARTS AND SCIENCE COLLEGE PATAN, DIST.-DURG**

**4.1.1 The Institution has adequate infrastructure and physical facilities for teaching-learning. viz., classrooms, laboratories, computing equipment etc.**

College has adequate facilities of teaching and learning. The college has its own campus, in which there are four building. These are listed below:

- 1. *Main old-building*.** This building was handed over in 2008. Initially, it was a 05 rooms building. It has two floors. In ground floor consists of Principal's room, IQAC room, office room, account section, NSS room, Examination control room, Girls common room, and Geography Laboratory and class rooms. In first floor there are physics lab., Chemistry lab, Commerce department, Political science department and class rooms.
- 2. *RUSA BLOCK***- This block is also of two floors. Ground floor consists of English language lab and seven other big-size class rooms having two rooms the ICT facility. In the first floor, there are two big-size laboratories, namely botany and zoology lab. One verandah is also being used as botany class room.
- 3. *Library building***- It has again two floor. The ground floor has a reading room, an office, a library keeping books and a room for keeping old-books. In first floor there are three rooms. One is PGDCA classroom cum-computer lab. Other is Seminar hall and the third room is music-practice room.
- 4. *Hostel building***: This building has no boundary wall and no employee. So, for security reason, the hostel is not opened yet. This is a twenty bedded room with light, fan, furniture, toilets and wardens room.

  
Principal  
Govt.C.L.C.Arts and Science  
College Patan, Distt.-Durg (C.G.)

#### 4.1.1-ANY OTHER INFORMATION

(A) **Main old-building.** This building was handed over in 2008. Initially, it was a 05 room building. It has two floors. In ground floor consists of Principal's room, IQAC room, office room, account section, NSS room, Examination control room, Girls common room, and Geography Laboratory and class rooms. In first floor there are physics lab., Chemistry lab, Commerce department, Political science department and class rooms.



(B) **RUSA BLOCK-** This block is also of two floors. Ground floor consists of English language lab and seven other big-size class rooms having two rooms the ICT facility. In the first floor, there are two big-size laboratories, namely botany and zoology lab. One verandah is also being used as botany class room.



Patan, Chhattisgarh, India  
Unnamed Road, Patan, Chhattisgarh 491111, India  
Lat N 21° 2' 18.5532"  
Long E 81° 32' 0.348"  
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(C) **Library building**- It has again two floor. The ground floor has a reading room, an office, a library keeping books and a room for keeping old-books. In first floor there are three rooms. One is PGDCA classroom cum-computer lab. Other is Seminar hall and the third room is music-practice room.





**(D) Hostel building:** This building has no boundary wall and no employee. So, for security reason, the hostel is not opened yet. This is a twenty bedded room with light, fan, furniture, toilets and wardens room.



**Patan, Chhattisgarh, India**  
 Unnamed Road, Akhra, Patan, Chhattisgarh 491111, India  
 Lat N 21° 2' 15.7164"  
 Long E 81° 32' 4.4664"  
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**Total Construction Area of the college**

S.N.	YEAR	ITEM	PLACE	CONSTRUCTION AREA
1	2006-07	OLD ROOMS	Ground oor	1236 sq.m.
2	2010-11	GIRLS HOSTEL	Ground oor	444.72 sq. m.
3	2014-15	LIBRARY	Ground oor	220.80 sq.m.
			Extension	92.80 sq.m.
4	2017-18	RUSA	Ground oor	1185 sq. m.
5	2018-19		Labor-Botany and Zoology	565 sq.m.
TOTAL				3744.32 sq. m.

*[Handwritten signature]*

*Shubhash*  
 Principal  
 Govt.C.L.C.Arts and Science  
 College Patan, Distt.-Durg (C.G.)

## Major equipments in the Laboratories are listed below:

### List of equipments in the Chemistry lab-

- Spectrophotometer
- pH meter
- potentiometer
- Conductometer
- Colorimeter
- Polarimeter
- Refractometer
- Turbidimeter

### List of equipments in the Botany lab-

- Laminar air flow
- Shaker incubator
- Binocular microscope
- Compound microscope
- Tissue-culture pack
- Water distillation plant
- Soxlet app
- Vaccum dryer
- Autoclave
- Spectro-photometer
- Gel-electro-phoresis
- Hot-air oven
- Chemical balance
- Electronic balance
- LCD-projector
- Computer

### List of equipments in the Zoology lab-

- Disceting microscope
- Automatic shaker
- Binocular microscope

- Compound microscope
- Overhead projector
- Water distillation plant
- Hot-plate
- Centrifuge machine
- Trinocular microscope with camera attachment
- Autoclave
- Spectrophotometer
- Gel electro-phoresis unit
- Hot-air oven
- Electronic balance
- LCD projector
- Computer

List of equipments in the college

- Projector
- Computers
- Photocopy
- Scanner
- Printer
- Smart-board
- AC, Fridge and cooler
- TV and CCTV
- Phone and Fax



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LABORATORIES UPDATING REPORT

S.N.	ITEMS	ARTICLES NAME
1	CHEMISTRY DEPT.	PHOTO ELECTRONIC METER
2	CHEMISTRY DEPT.	DIGITAL SPECTROPHOTOMETER
3	CHEMISTRY DEPT.	PH- METER COMPLETE
4	CHEMISTRY DEPT.	THIN LAYAR CHROMETOGRAPHY KIT
5	CHEMISTRY DEPT.	SINGLE TOP PAN BALANCE
6	CHEMISTRY DEPT.	SHAKING MACHINE
7	CHEMISTRY DEPT.	DIGITAL CONDUCTIVITY
8	BOTANY DEP.	SHAKER INCUBATAR
9	BOTANY DEP.	TISSUE CULTURE RACH
10	ZOOLOGY DEPT.	TINOCULAR MICROSCOPE

N.B' - Fire Extinguishers are installed in the laboratories,  
Staff Room, Library <sup>and</sup> Office.

Shobhach

Principal  
Govt. C.L.C Arts and Science  
College Patan, Dist. Burg (C.G.)



4.1.1 Infrastructure and Physical facilities  
 4.1.3 - classrooms, computers, and ICT-facility list

PL/2

S.NO.	ROOMS AVILABLES IN COLLEGE BUILDING	USES (CLASS ROOMS / OTHER )	SIZE OF THE ROOMS (IN Feet)	FACILITIES AVILABLE	NUMBER OF COMPUTER	CCTV	LAN/WIFI
1	ROOM NO - 01	PRINCIPAL ROOM	20.3X21	COMPUTER, TV, DVR, SET BOX, BIOMATRIX, PHONE	1	NO	YES
2	ROOM NO - 02	OFFICE	32.6X18.9	COMPUTER, PRINTER, PHOTO COPY MACHINE, WASH ROOM	4	YES	YES
3	ROOM NO - 03	GIRLS COMMEN ROOM	22.6X19			YES	
4	ROOM NO - 04	M.A. I SEM SOCIOLOGY	28.6X19			NO	
5	ROOM NO - 05	STORE	14X19		1		YES
6	ROOM NO -06	DEPARTMENT OF SOCIOLOGY	14X19	COMPUTER	2		YES
7	ROOM NO -07	DEPARTMENT OF GEOGRAPHY	29X19	SMART BOARD ,COMPUTER		YES	
8	ROOM NO -08	DEPARTMENT OF HINDI	29X19		4		YES
9	ROOM NO -09	IQAC	14X19	COMPUTER, PHOTO COPY ,SCANNER		NO	
10	ROOM NO -10	DEPARTMENT OF MATHS	14X19				
11	ROOM NO -11	DEPARTMENT OF ECONOMICS	15X17				YES
12	ROOM NO -12	STAFF ROOM	29X19	TV , PURIFAIR ,SET BOX	1		YES
13	ROOM NO -13	N.S.S. ROOM	14X19	COMPUTER, PRINTER	1		YES
14	ROOM NO -14	EXAM CONTROLL ROOM	14.4X20	COMPUTER, PRINTER, PHOTO COPY MACHINE,	1		YES
15	ROOM NO -15	ACCOUNT SECTION	14.4X20	COMPUTER, PRINTER	1	YES	
16	ROOM NO -16	B.A. I (B) HALL	57.8X19.10	COMPUTER, PROJECTOR, SMART CLASS ROOM	1		YES
17	ROOM NO -17	PHYSICS LAB	39X19	COMPUTER ,PRINTER	1		
18	ROOM NO -18	M.Sc I SEM CHEMISTRY	28.6X19		1		YES
19	ROOM NO -19	DEPARTMENT OF CHEMISTRY	28.6X19	COMPUTER, PROJECTOR,			YES
20	ROOM NO -20	CHEMISTRY LAB	28.6X19	LAB EQUIPMENTS , FRIZE ETC.			
21	ROOM NO -21	M.A. I SEM POLITICAL SCIENCE	28.6X19				
22	ROOM NO -22	DEPARTMENT OF POLITICAL SCIENC	14X19	COMPUTER	1		
23	ROOM NO -23	DEPARTMENT OF COMMERCE	14X19	COMPUTER	1		
24	ROOM NO -24	B.COM III	29X19				
25	ROOM NO -25	B.COM I	29X19				
26	ROOM NO -26	B.COM. I	30X19	COMPUTER, SMRT CLASS ROOM ,SOUND SYSTEM	1	YES	
27	ROOM NO -27	GYM	23.3X13.6	GYM EQUIPMENT		YES	
28	ROOM NO -28	SPORTS DEPARTMENT	29.6X13.6	COMPUTER, PRINTER	1	YES	

## 4.1.1 - Additional Information

## 4.1.3 - ICT

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29	ROOM NO -30	CANTIN	39.6X23				
30	ROOM NO -31	LIBRARY	40x28.4	COMPUTER ,PRINTER, PHOTOCOPY MACHINE	5	YES	YES
31	ROOM NO -32	PGDCA	40x18.6	24 COMPUTER, SMART BOARD		YES	YES
32	ROOM NO -33	SEMINAR HALL	40x24.10	SMART BOARD ,COMPUTER	1	YES	YES
33	ROOM NO -34	B.Sc. I	39.6X23	SMART CLASS ROOM, COMPUTER, PROJECTOR	1		
34	ROOM NO -35	B.Sc. II	39.6X23	SMART CLASS ROOM, COMPUTER, PROJECTOR	1		
35	ROOM NO -36	B.Sc. III CLASS ROOM	39.6X23				
36	ROOM NO -37	B.A. I (A) CLASS ROOM	39.6X23				
37	ROOM NO -38	B.A. II CLASS ROOM	39.6X23				
38	ROOM NO -39	B.A. III CLASS ROOM	39.6X23				
39	ROOM NO -40	M.Sc III SEM CHEMISTRY	39.6X23				
40	ROOM NO -41	ENGLISH LAB	39.6X23	ENGLISH LAB EQUIPMENT	1		YES
41	ROOM NO -42		39.6X23				

*Shathalya*  
Principal  
Govt.C.L.C Arts and Science  
College Patan, Distt, Durg (C.G.)





**new zoology lab**



**new botany lab**



4.1.1 Infrastructure and Physical facilities for Teaching and Learning - Additional Information p4/2

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5	ROOM NO - 05	STORE	14X19			NO	
6	ROOM NO - 06	DEPARTMENT OF SOCIOLOGY	14X19	COMPUTER	1		YES
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10	ROOM NO - 10	DEPARTMENT OF MATHS	14X19			NO	
11	ROOM NO - 11	DEPARTMENT OF ECONOMICS	15X17				
12	ROOM NO - 12	STAFF ROOM	29X19	TV , PURIFAIR ,SET BOX			YES
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4.1.1 - Additional Information

P 2/3

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Principal  
 Shashy  
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 College Patan, Distt, Durg (C.G.)



## DEPARTMENT OF CHEMISTRY

List of instrument --

1. Spectrophotometer
2. pH meter
3. Potentiometer
4. Conductometer
5. Colorimeter
6. Polarimeter
7. Refractometer
8. Turbidimeter

दिनांक 06-02-2020

*Shobhika*  
Principal  
Govt. C.L.C. Arts and Science  
College Patan, Distt.-Durg (C.G.)



4.1.1

## DEPARTMENT OF BOTANY -EQUIPMENT LIST

S.NO.	NAME OF EQUIPMENTS
1	LAMINAR AIR FLOW
2	SHAKER INCUBATOR
3	BINOCULAR MICROSCOPE
4	COMPOUND MICROSCOPE
5	TISSUE CULTURE RACK
6	WATER DISTILLATION PLANT
7	SOXLET APP.
8	SOLAR DRYER
9	VACCUM DRYER
10	AUTOCLAVE
11	SPECTROPHOTOMETER
12	GEL ELECTROPHORESIS UNIT
13	HOT AIR OVEN
14	CHEMICAL BALANCE
15	ELECTRONIC BALANCE
16	LCD PROJECTOR
17	COMPUTER

Shubhash

Principal

Govt. C.L.C. Arts and Science  
College Patan, Distt. Durg (M.P.)

07

Patan  
06.02.2020

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DEPARTMENT OF ZOOLOGY -EQUIPMENT LIST

S.NO.	NAME OF EQUIPMENTS
1	DISSECTING MICROSCOPE
2	AUTOMATIC SHAKER
3	BINOCULAR MICROSCOPE
4	COMPOUND MICROSCOPE
5	OVER HEAD PROJECTOR
6	WATER DISTILLATION PLANT
7	HOT PLATE
8	CENTRIFUSE MACHINE
9	TRINOCULAR MICROSCOPE WITH CAMERA ATTACHMENT
10	AUTOCLAVE
11	SPECTROPHOTOMETER
12	GEL ELECTROPHORESIS UNIT
13	HOT AIR OVEN
14	ELECTRONIC BALANCE
15	LCD PROJECTOR
16	COMPUTER

Principal  
Govt. C.L.C. Arts and Science  
College Patan, Distt.-Durg (C.G.)

*Pr*  
06/02/20.

# संगीत विभाग में उपलब्ध वायों की सूची

4.1.1

1. स्केल चेंजर हारमोनियम -
2. तबला -
3. की बोर्ड -
4. फांगोडम -
5. 12 चेंजल स्ट्रेंजर -
6. आकथ पेडु सांस्कृतिक कार्यक्रम हेतु वेशभूषा एवं युगार सामग्री

1. साड़ियाँ
2. धोतियाँ
3. गमछा
4. कौड़ी पट्टी
5. कलगी
6. सिक्का माला
7. रेंडी
8. कड़ा
9. करधनी
10. ताबीज
11. पंहुची
12. शर्ट्स

Sethu  
डॉ. साधना रघुगोपाकर  
सांस्कृतिक प्रभारी