

SBS GOVT. P.G. COLLEGE

PIPARIYA



SSR DOCUMENT

2018-19 TO 2022-23

CRITERION - 1

Curricular Aspects

Metrics No. 1.1

Document Title:

Document related to Curriculum Planning and Delivery
2018-19

Shaheed Bhagat Singh Government P.G. College Pipariya Distt.- Narmadapuram (M.P.)



College Code – 3203

Accredited by NAAC with B+ Grade

AISHE Code – C-35178

Email – heggpciphos@mp.gov.in, Website – www.sbsgovtpgcollegepipariya.in, Phone/Fax – 07576-220112



कार्यालय प्राचार्य, शहीद भगत सिंह
शासकीय स्नातकोत्तर महाविद्यालय
पिपरिया, जिला-नर्मदापुरम् (म.प्र.)
NAAC द्वारा B+ ग्रेड में प्रमाणित
ईमेल: heggpciphos@mp.gov.in
महाविद्यालय कोड: 3203
फोन/फैक्स: 07576-220112
वेबसाइट: www.gpgcpipariya.nic.in



OFFICE OF THE PRINCIPAL, SHAHEED BHAGAT SINGH
GOVERNMENT P. G. COLLEGE
PIPARIYA, DIST-NARMADAPURAM (M.P.)

Accredited by NAAC with B+ Grade
E-mail: heggpciphos@mp.gov.in
COLLEGE CODE: 3203
PHONE /FAX: 07576-220112
Website: www.gpgcpipariya.nic.in

Ref No. 1440/Est/SBSGPGCP/2024

Pipariya, Date 19.06.2024

DECLARATION

This is to declare that the information, reports, true copies of supporting documents, numerical data etc. furnished in this file as supporting documents are verified by IQAC and found correct.


IQAC Coordinator
Coordinator (IQAC)
Internal Quality Assurance Cell
S. B. S. Govt. P. G. College
PIPARIYA (M. P.)


Principal
PRINCIPAL
Shaheed Bhagat Singh Govt. P.G. College
PIPARIYA (M. P.)

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1. Academic Calendar 2018-19

Link

<https://sbsgovtpgcollegepipariya.in/pdf/ac2018-19.pdf>

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2. Customize academic calendar 2018-19

<u>MONTH</u>	<u>ACADEMIC WORK</u>	<u>SPORTS</u>	<u>YOUTH FESTIVAL</u>	<u>EXTENSION</u>	<u>ACADEMIC ACTIVITIES</u>
June	1.New Admission 2.Annual UG exam and even Semester PG Exam and practical exam [even semester] 3. Formation of New Academic time Table 4.Exam Conduction of Bhoj University.	International Yoga day		International Environment Day- Plantation of trees in the campus	Seminar / webinar
July	1. Beginning of Classes UG II and UG III year, PG Odd Sem. 2.Induction Program for new students 3.Formation of Different Committee for different Academic Activities			Introduction to NCC, NSS, Scholarship	HariyaliMahotsav
August	1.Regular Classes Starts According to College Level time table 2. Beginning of vocational Classes	National Sports day		Independence Day Celebration	Selection of First Year NCC and NSS Cadets
September	CCE of UG and PG Program	[Collage Level] Table Tanis [M/F] Badminton [M/F]			Teachers Day Celebration by Students
October	Private Student Enrolment in Progress	[District Level] Volleyball [M/F] Football [M/F]	College level Youth Festival	1.Gandhi jayanti Celebration 2.Cleaning activities beyond the campus by NSS, NCC, students and college	webinar

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				staff 3. Unity Day Celebration	
November	CCE of UG and PG Program	Handball [M/F] Athletics [M/F] Kabaddi [M/F]	District level Youth Festival	1.Childrens day Celebration 2. Blood donation Camp 3. BirshaMundajayanti	National Seminar / webinar
December	1.Regular Classes and Practical Exam [Odd Semester] 2.Makhanlal Chaturvedi University Semester Exam	[Divisional level] Athletics[M/F] [District Level] Kho-Kho [M]		Mathematics Day Celebration	1.Beginning of Remedial Classes 2.Even Semester Exam
January	CCE of UG and PG Semester Exam	1. [Divisional level] Kho-kho 2. Kheloindia Youth Competition owarne		1.January YuvaUtsav celebration 2.Republic day Celebration 3. Swami Vivekanand and suraynamaskar	Blanket and Winter Cloths Distribution in villages
February	1.Regular Classes and UG Practical Exam 2.II CCE PG [Odd Semester]	Taekwondo [M/F]	University level Youth Festival	NSS Camp and NCC Camp	
March	1.CCE of UG and PG			1.Womens Day Celebration 2.Ambedkar Jayanti Celebration	1.Shaheed Divas 2. webinar
April	1. Conduct UG and PG practical Exam 2.Annual Exam			Earth day Celebration	Seminar
May	1.Annual Exam 2.Makhanlal Chaturvedi University Semester Exam				webinar

M-Male, F-Female

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3. College Timetable 2018-19

Govt. P.G.College Pipariya
Science- CONSOLIDATED TIME TABLE 2018-19

S.N.	CLASS	08:00 to 08:40	08:40 to 09:20	9:20 to 10:00	10:00 to 10:40	10:40 to 11:20	11:20 to 12:00	12:00 to 12:40	12:40 to 01:20	01:20 to 02:00	02:00 to 02:40	02:40 to 03:20	3:20 to 04:00	4:00 to 4:40	4:40 to 5:20
1	B.SC.I MATHS						Practical Mon, Tue - Phy Fri, Sat - Che			B-8 FC M.T.-HINDI W.TH.-ENG. FRI.SAT- .ENT	Math B-8	CHEM B-8	PHY B-8		
2	B.SC.I BIO.							B-2 FC M.T.-ENT W.TH.- HINDI FRI.SAT-ENG	Bsc/Biotc Bot B-2	Zoo B-2	Bsc/Biotc Chem B-2	Practical Mon, Tue - Che Wed, Thu - Bot Fri, Sat - Zool			
3	B.SC.IBIOTEC.					Practical					Biotech Lab		Practical Fri, Sat - Zool/Biotech		
4	B.SC.II MATHS						Practical Mon, Tue - Che Wed, Thu - Phy			B-7 FC M.T.-ENG W.TH.- HINDI FRI.SAT- ENV.	Phy B-7	Comput B6 Chem B-7	Math B-7		
5	B.SC.II BIO							Zoo B-3		B-3 FC M.T.-ENV W.TH.- HINDI FRI.SAT- ENG	Bsc/Biotc Bot B-3	Bsc/Biotc Che B-3	Practical Mon, Tue - Zool Wed, Thu - Che Fri, Sat - Bot		
6	B.SC.II BIOTEC.					Practical		Biotech Lab					Practical Mon, Tue - Biotech		
7	B.SC.V/VI MATHS						Practical Wed, Thu - Che Fri, Sat - Phy		Chem B-10 Comput A-7	B-10 FC M.T.-HINDI W.TH.-ENG. FRI.SAT- BCIT	Phy B-10	Math B-10	Practical Mon, Tue - Bot Wed, Thu - Zool Fri, Sat - Che		

8	B.SC.V/VI BIO.								Bsc/BiotcBot BOT LAB	Bsc/Biotc Che A-9	A-9 FC M.T.-BCIT W.TH.- HINDI FRI.SAT- ENG	Zool A-9	Practical Mon, Tue - Bot Wed, Thu - Zool Fri, Sat - Che		
9	B.SC.V/VI BIOTEC.						Practical					Biotech lab	Practical Wed, Thu - Biotech		
10	M.Sc. I/II (Math/Bot/Che/Phy/Zool)						Depart	Depart	Depart	Depart	Depart				
11	M.Sc. III/IV (Math/Bot/Che/Phy/Zool)						Depart	Depart	Depart	Depart	Depart				

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4. Department-wise Timetable

Govt. P.G.College Pipariya

CONSOLIDATED TIME TABLE 2018-19

S.N.	CLASS	08:00 to 08:40	08:40 to 09:20	9:20 to 10:00	10:00 to 10:40	10:40 to 11:20	11:20 to 12:00	12:00 to 12:40	12:40 to 01:20	01:20 to 02:00	02:00 to 02:40	02:40 to 03:20	3:20 to 04:00
1	B.C.A I		PRACTICAL (LAB) M./T./W.	B-4 FC M.T.-HINDI W.TH.-ENG. FRI.SAT-ENT B.COM.I (C) /BCAI (FC)	A-10	A-10	A-10						
2	B.C.A II		PRACTICAL (LAB) TH../FRI./SAT.	B-8 FC M.T.-ENV. W.TH.- HINDI FRI.SAT-ENG B.COM II C /B.C.A II	A-6	A-6	A-6						
3	B.C.A V/VI	A-11	A-11	A-7 FC M.T.-ENG W.TH.-BCIT FRI.SA.HINDI B.COM V/VI C B.C.A V/VI	A-11	PRACTICAL (LAB) wed/TH../FR I./SAT.	PRACTICAL (LAB) wed/TH../ FRI./SAT.						
4	B.B.A I					L1	L2	L1	L1				
5	B.B.A II					L2	L2	L2	L2				

प्रचार्य
शा. भगत सिंह गवर्नमेंट महाविद्यालय
पिपरिया (म.प्र.)



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5. Syllabus of UG and PG

UG Syllabus	PG Syllabus
MATHEMATICS	ART
PHYSICS	SCIENCE
CHEMISTRY	SOCIAL SCIENCE
ZOOLOGY	COMMERCE
BOTANY	L.L.B
HINDI	
SOCIOLOGY	
HISTORY	
ECONOMICS	
POLITICAL SCIENCE	
B. COM (PLAIN)	
B. COM. (COMPUTER APPLICATION)	
FOUNDATION COURSE	

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6.Attendance sheet

** Attendance Register **

Pinod kamau mapli

sub - Biotechnology

class - B.sc Ist, IInd & IIIrd year

Govt. P.G. college pipariya.

Sess. - 2018-19

21/9/20

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कार्य दिवस School Working Day
1. गत माह तक Last Month
2. वर्तमान माह में शाला खुले के दिन
3. कुल दिन Total Attendance Day

विद्यार्थियों का दैनिक उपस्थिति पत्रक
कक्षा B.Sc.I विभाग... सन 2019

क्रमांक	विद्यार्थी का नाम STUDENT'S NAME	माता का नाम MOTHER'S NAME	पिता का नाम FATHER'S NAME	जाति CASTE	उपस्थिति	के दिन	विद्यार्थी योगांक उप/अनु. माह उप. दिवस	सत्रांत से गत माह Total Present	योग दिनांक Fees Detail	फीस और अन्य Chk.
1	ADITI CHOVASIYA									
2	ADITI SHIRVAS									
3	ALKA PATWA									
4	ASHPAK KHAN									
5	BHARII PATIKAR									
6	DEEPIKA RAJGUHWANSHE									
7	JILI BAI KEVAT									
8	PRATIKSHA PATEL									
9	PRILANKA PATEL									
10	RUCHI AGRAWAL									
11	SHASHI KUSHWAHA									
12	SHYAM LAL									
13	TANU PATEL									
14	AMUK SOMN									
15	ANJALI									
16	KAPIL RORYA									
17	POOJA BHIHAIYA									
18	SANTANA MEHRA									
19	SIMRAN GADHWAL									
20	CHANDRASHAN									

अन्य विवरण

HOD Sign

हस्ता. प्रधानाध्यापक

हस्ता. प्रधानाध्यापक



अन्य विवरण

HOD Sign

हस्ताक्षर अध्यापक

हस्ता. प्रधानाध्यापक sbs-142

Shaheed Bhagat Singh Government P.G. College Pipariya Distt.- Narmadapuram (M.P.)



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कार्य विवरण School Working Day
1. मास माह तक Last Month
2. वर्तमान माह में शाला आगने के दिन
3. कुल दिन Total Attendance Day

विद्यार्थियों का दैनिक उपस्थिति पत्रक
कक्षा B.Sc.I. विभाग Block 1 माह अक्टूबर सन् 2019

विद्यार्थी का नाम STUDENT'S NAME
माता का नाम MOTHER'S NAME
पिता का नाम FATHER'S NAME

उपस्थिति
1 2 3 4 5 6 7

कक्षा वर्गिक योग
BOYS GIRLS TOTAL

विद्यार्थी का नाम STUDENT'S NAME
1. मास माह तक Last Month
2. वर्तमान माह में शाला आगने के दिन
3. कुल दिन Total Attendance Day

विद्यार्थी का नाम STUDENT'S NAME
1. मास माह तक Last Month
2. वर्तमान माह में शाला आगने के दिन
3. कुल दिन Total Attendance Day

क्रमांक	विद्यार्थी का नाम	माता का नाम	पिता का नाम	उपस्थिति	कक्षा वर्गिक योग	विद्यार्थी का नाम	माता का नाम	पिता का नाम	उपस्थिति	कक्षा वर्गिक योग
1	ADITI CHOVRASIYA			P A P P A P	P P P P P P				P A P P P P	P P P P P P
2	ADITI SHRIWAS			P A P P A P	P P P P P P				P A P P P P	P P P P P P
3	ALKA PATWA			P P A P P P	P P P P P P				P A P P P P	P P P P P P
4	ASHRAK KHAN			P P A P P A	P P P P P P				P A P P P P	P P P P P P
5	BHARTI PATKAR			P P A P P A	P P P P P P				P A P P P P	P P P P P P
6	DEEPTIKA RAJHAWANSHI			P P A P P P	P P P P P P				P A P P P P	P P P P P P
7	ILJI BAI KEVAT			P P A P P P	P P P P P P				P A P P P P	P P P P P P
8	PRATIKSHA PATEL			P P P P P P	P P P P P P				P A P P P P	P P P P P P
9	PRITYANKA PATEL			P P A P P P	P P P P P P				P A P P P P	P P P P P P
10	RUCHI AGRAWAL			P P A P P P	P P P P P P				P A P P P P	P P P P P P
11	SHASHI KUSHWAHA			P P P P P P	P P P P P P				P A P P P P	P P P P P P
12	SHYAM LAL			P P A P P P	P P P P P P				P A P P P P	P P P P P P
13	TANU PATEL			P P P P P P	P P P P P P				P A P P P P	P P P P P P
14	AMUK SOMAN			P P P P P P	P P P P P P				P A P P P P	P P P P P P
15	ANJALI			P P A P P P	P P P P P P				P A P P P P	P P P P P P
16	KAPIL RORYA			P P P P P P	P P P P P P				P A P P P P	P P P P P P
17	POOJA BHIHAIYA			P P P P P P	P P P P P P				P A P P P P	P P P P P P
18	SANJANA MEHRA			P P P P P P	P P P P P P				P A P P P P	P P P P P P
19	SIMRAN GADHWAL			P A P P A P	P P P P P P				P A P P P P	P P P P P P
20	CHANDRABHAN			P P P P P P	P P P P P P				P A P P P P	P P P P P P

हस्ता. प्रधानाचार्य

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विद्यार्थियों का दैनिक उपस्थिति पत्रक
सन् 2019

कक्षा: 12th विभाग: Science शिक्षक: विश्वनाथ

1. नाम माह तक Till Last Month.
2. वर्तमान माह में हाजिरी के दिन
3. कुल दिन Total Attendance Day

क्रमांक	विद्यार्थी का नाम STUDENT'S NAME	माता का नाम MOTHER'S NAME	पिता का नाम FATHER'S NAME	जाति CASTE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	कुल Total	हाजिरी Present	अपस्थिति Absent
1	Asma Begum XXX																																					
2	Anjali																																					
3	Ankita Patel																																					
4	Anjali Verma																																					
5	Babita Patel																																					
6	Chandni																																					
7	Chandni XXX																																					
8	Kajal Kulkarni																																					
9	Mahesh Verma																																					
10	Pratibha Rajput																																					
11	Sachin																																					
12	Sunila																																					
13	Shruti																																					
14	Babli																																					
15	Deepak Kumar																																					
16	Manika																																					
17	Naveen Kumar																																					
18	Naveen Kumar																																					
19	Pooja Kati																																					
20	Rishi																																					
21	Rishi																																					
22	Shruti																																					
23	Sushma XXX																																					

हस्ताक्षर: विश्वनाथ प्रधानाचार्य



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विद्यार्थियों का दैनिक उपस्थिति पत्रक
कक्षा B.Sc. विभाग B.Sc. माह सितम्बर सन् 2019

क्र.सं.	विद्यार्थी का नाम STUDENT'S NAME	माता का नाम MOTHER'S NAME	पिता का नाम FATHER'S NAME	जाति CASTE	उपस्थिति	के दिन	विद्यार्थी योग Total	योग Present	कीमत Fees	अन्य Oth.
1	Ajay			P	P P P	P P P P A P P P A P P P				
2	Mana			P	P P P	P P P P A P P P A P P P				
3	Rahul			A	P P P	A P P P P P P P A P P P				
4	Ranjeet			P	A P P	A P P P P P P P A P P P				
5	Sanskriti			P	P P P	A P P P P P P P A P P P				

अन्य विवरण
MOD Si4

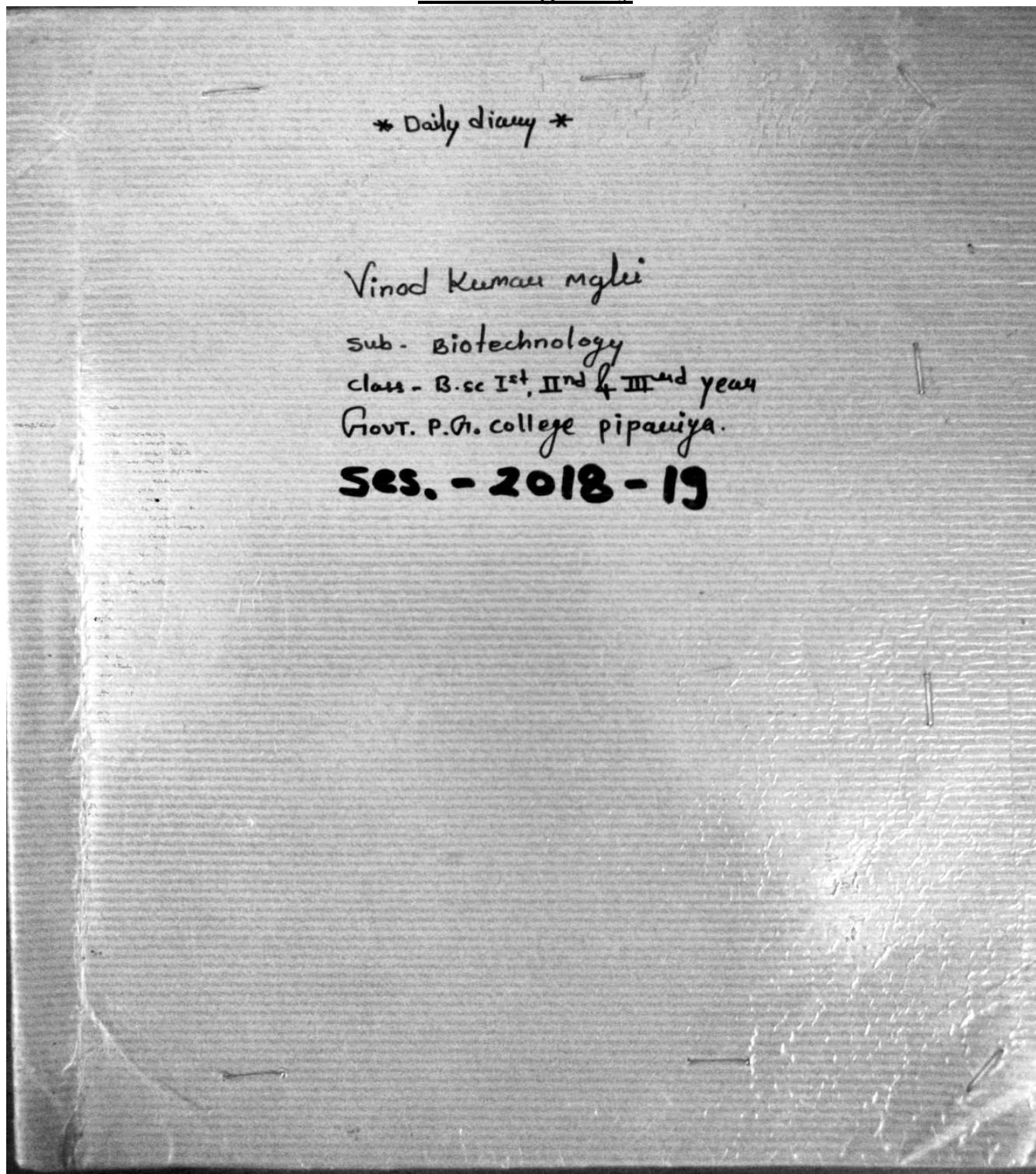
हस्ता. प्रभो अध्यापक

हस्ता. प्रधानाध्यापक





7.Teaching Diary



Shaheed Bhagat Singh Government P.G. College Pipariya Distt.- Narmadapuram (M.P.)



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शिक्षक का नाम एवं पद Vinod Kumar Nagli

विभाग Biotechnology

अध्यापन संबंधी सामान्य जानकारी

माह जुलाई 2019

दिनांक	ली गई कक्षा/ कालखण्ड का समय	प्रस्तावित पाठ्यक्रम	पढ़ाया गया पाठ्यक्रम	छात्रा संख्या	अतिरिक्त/निदानात्मक कालखण्डों की संख्या	पूरककालय अध्ययन/ इंटरनेट सर्फिंग का संक्षिप्त विवरण	अध्यापन हेतु आधुनिक तकनीक का प्रयोग	शिक्षक हस्ताक्षर	प्राचार्य हस्ताक्षर
01/07/19									
02/07/19						admission and online verification			
03/07/19									
04/07/19									
05/07/19						admission and online verification			
06/07/19									
07/07/19									
08/07/19						Admission and online verification			
09/07/19									
10/07/19									
11/07/19						Admission and online verification			
12/07/19									
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14/07/19									
15/07/19						Admission and online verification			
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24/07/19						Admission and online verification			
25/07/19									
26/07/19									
27/07/19									
28/07/19						Admission and online verification			
29/07/19						+ forwarding			
30/07/19						Admission and online verification			



Shaheed Bhagat Singh Government P.G. College Pipariya Distt.- Narmadapuram (M.P.)



College Code - 3203

Accredited by NAAC with B+ Grade

AISHE Code - C-35178

Email - hegpgcpiphos@mp.gov.in, Website - www.sbsgovtpgcollegepipariya.in, Phone/Fax - 07576-220112



शिक्षक का नाम एवं पद Dr. Kumar. M. S.
विभाग Biotechnology

अध्यापन संबंधी सामान्य जानकारी

माह सितंबर 2019

दिनांक	ली गई कक्षा/ कालखण्ड का समय	प्रस्तावित पाठ्यक्रम	पढ़ाया गया पाठ्यक्रम	छात्रा संख्या	अतिरिक्त/निदानात्मक कालखण्डों की संख्या	पुस्तकालय अध्ययन/ इंटरनेट सर्किंग का संक्षिप्त विवरण	अध्यापन हेतु आधुनिक तकनीक का प्रयोग	शिक्षक हस्ताक्षर	प्राचार्य हस्ताक्षर
02/09/19						C.C. Round 2			
03/09/19						Admission & online verification			
04/09/19									
05/09/19									
06/09/19						C.C. Round Admission &			
07/09/19						online verification			
09/09/19									
11/09/19									
12/09/19						Admission & online verification			
13/09/19	B.Sc I year	Cell Biology	Introduction of cell Biology						
	B.Sc II year	Instrumentation	Introduction of Instru.						
14/09/19	B.Sc I year	Cell Biology							
	B.Sc II year	Instrumentation							
16/09/19	B.Sc I year	Cell Biology	Cell Theory						
	B.Sc II year	Instrumentation	Microscope Introduction						
17/09/19	B.Sc I year	Cell Biology	Cell Theory						
18/09/19	B.Sc II year	Instrument.	Microscope						
	B.Sc I year	Cell Biology	Structure of cell						
	B.Sc III year	Molecular Biology	Introduction						
23/09/19	B.Sc I year	Cell Biology	Size, shape and arrangement of bacterial cell						



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शिक्षक का नाम एवं पद Vinod Kumar Mgli
विभाग Biotechnology

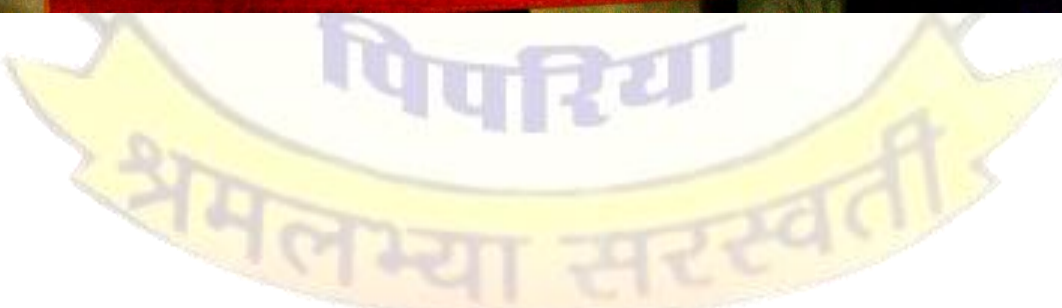
अध्यापन संबंधी सामान्य जानकारी

माह.....

दिनांक	ली गई कक्षा/ कालखण्ड का समय	प्रस्तावित पाठ्यक्रम	पढ़ाया गया पाठ्यक्रम	छात्रा संख्या	अनिश्चित/निदानात्मक कालखण्डों की संख्या	पुनःकालय अध्ययन/ इंटर्नल मर्किंग का संश्लेषण विवरण	अध्यापन हेतु आवृत्तिक तकनीक का प्रयोग	शिक्षक हस्ताक्षर	प्राचार्य हस्ताक्षर
20/09/19	B.sc I year	cell biology	Gram's Negative & Gram's positive cells						
	B.sc III year	plant biotech.	Introduction plants tissue culture.						
	B.sc II year	Bioinstrumentation	microscopes						
21/09/19	B.sc I year	cell Biology	subacteria & Archaeobacteria						
	B.sc II year		microscopes						
23/09/19	B.sc I year	cell biology	subacteria & Archaeobacteria						
	B.sc II year	Bioinstrument.	microscopes						
	B.sc III year	plant Biotech	plant tissue culture.						
24/09/19	B.sc I year	cell biology	Test of 1st units						
	B.sc II year	Bioinstrumentation	microscopes						
	B.sc III year	plants Biotech							
25/09/19	B.sc I year	cell Biology	Structure and function of bacterial cell - flagella						
	B.sc II year	Bioinstrument.	microscope						
26/09/19	B.sc I year	cell Biology	cell wall						
	B.sc II year		microscope						
27/09/19	B.sc I year	cell Biology	pili & membrane						
28/09/19	मुवा उत्तर								

HOD S.W.

सिद्ध



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शिक्षक का नाम एवं पद Vinod Kumar Magli
Biotechnology

अध्यापन संबंधी सामान्य जानकारी

माह 03/2019

विभाग

दिनांक	ली गई कक्षा/ कालखण्ड का समय	प्रस्तावित पाठ्यक्रम	पढ़ाया गया पाठ्यक्रम	छात्रा संख्या	अतिरिक्त/निदानात्मक कालखण्डों की संख्या	पूर्णकालीन अध्ययन/ इंटरनेट सर्फिंग का समय विवरण	अध्यापन हेतु आधुनिक तकनीक का प्रयोग	शिक्षक हस्ताक्षर	प्राचार्य हस्ताक्षर
01/10/19	B.Sc I year	Cell Biology	structure and function of bacterial cell						
	B.Sc II year	Bioinstrumentation	nuclear region, mesosomes						
	B.Sc III year	Applied Biotechnology	centrifugation Technique						
			Nutritional requirements						
03/10/19	B.Sc I year	Cell Biology	Ribosomes, vacuoles, granules						
	B.Sc II year	Bioinstrumentation	centrifugation Technique						
	B.Sc III year	Applied Biotechnology	Nutritional requirements						
	B.Sc I year	Practical	Aseptic techniques & sterilization						
04/10/19	B.Sc I year	Cell Biology	cell wall, Cell Membrane						
			Mitochondria, chloroplast						
	B.Sc II year	Bioinstrumentation	centrifugation Technique						
	B.Sc III year	Applied Biotech	Nutritional requirements						
05/10/19	B.Sc I year	Cell Biology	golgi bodies, endoplasmic reticulum						
	B.Sc II year		separation of biological mol						
	B.Sc III year		In vitro culture						
05/10/19	B.Sc I year	Cell Biology	nucleus, cytoskeleton						
	B.Sc II year	Bioinstrumentation	separation of biological mol						
	B.Sc III year	Applied Biotech	in vitro culture						
10/10/19	B.Sc I year	Cell Biology	Microbiology						
	B.Sc II year	Bioinstrumentation	separation of biomass						
	B.Sc III year	Applied Biotech	single cell culture						
11/10/19	B.Sc I year	Cell Biology	centrifugation & lysosomes						
	B.Sc II year	instrumentation	chromatography						
	B.Sc III year	Applied Biotech	single cell culture						

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8. List of Experiments

शहीद भगतसिंह शासकीय स्नातकोत्तर महाविद्यालय, पिपरिया (म. प्र.)

भौतिकशास्त्र विभाग

List of Experiments: B.Sc.-I Year

Paper-1

1. ताप युग्म का विद्युत वाहक बल ज्ञात करना।
To determine the Electromotive force of a Thermocouple.
2. ली-विधि के द्वारा किसी कुचालक पदार्थ का ऊष्मा चालकता गुणांक ज्ञात करना।
To determine of Thermal conductivity of a bad conductor by Lee's Disc Method.
3. न्यूटन के शीतलन के नियम का सत्यापन।
To verification of Newton's Law of cooling.
4. न्यूटन के शीतलन नियम द्वारा दिए गए द्रव की विशिष्ट ऊष्मा ज्ञात करना।
To determine of specific heat of a liquid with the help of Newton's Law of cooling.
5. कैलोरी मीटर की सहायता से रबड़ का ऊष्मा चालकता गुणांक ज्ञात करना।
To determine of thermal conductivity of the rubber using calorimeter.
6. जूल कैलोरीमीटर का उपयोग करके ऊष्मा के यांत्रिक तुल्यता (J) का निर्धारण करना।
To determine of mechanical equivalent of heat (J) using Joule calorimeter.
7. ताप युग्म द्वारा स्टीफन नियतांक ज्ञात करना।
To determine the Stefan's constant using Thermocouple.
8. काले एवं सफेद पासे का उपयोग कर सांख्यिकी वितरण का अध्ययन करना एवं मानक विचलन ज्ञात करना।
To study the statistical distribution and determination of standered deviation with the help of black and white disc.
9. ऊष्मागतिकी के शून्यवा नियम का अध्ययन करना।
To study the Zeroth Law of Thermodynamics.
10. परिवर्ती विभवांतर द्वारा विद्युत केतली की दक्षता ज्ञात करना।
To determine the efficiency of electrical Kettle with variable voltages.

(विभागाध्यक्ष)

DATE:

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शहीद भगतसिंह शासकीय स्नातकोत्तर महाविद्यालय, पिपरिया (म. प्र.)

भौतिकशास्त्र विभाग

List of Experiments: B.Sc.-III Year

1. पश्च अभिनिति संधि डायोड द्वारा अर्धचालक पदार्थ का ऊर्जाअंतराल ज्ञात करना ।
To determine the energy band gap of a semiconductor material using reverse bias P-N junction diode. *Electron*
2. अर्ध तरंग दिष्टकारी तथा पूर्ण तरंग दिष्टकारी का अध्ययन करना ।
To study the half wave and full wave rectifier.
3. जेनर डायोड के अभिलाक्षणिक गुणों का अध्ययन करना ।
To study the characteristics of Zener diode.
4. टनल डायोड के अभिलाक्षणिक गुणों का अध्ययन करना ।
To study the characteristics of a Tunnel diode.
5. JFET के अभिलाक्षणिक गुणों का अध्ययन करना ।
To study the characteristics of JFET.
6. नियमित पॉवर सप्लाय का अध्ययन करना ।
To study the Regulated power supply.
7. RC युग्मित प्रवर्धक का अध्ययन करना ।
To study the RC coupled amplifiers.
8. फोटोसेल द्वारा प्लांक नियतांक का मान ज्ञात करना ।
To determine the Planck's constant using Photocell.
9. थामसन विधि द्वारा e/m अनुपात का मान ज्ञात करना ।
To determine the e/m ratio using Thomson's method.
10. ट्रांसिस्टर अभिलाक्षणिक गुणों का अध्ययन करना ।
To study the characteristics of a Transistor.

(विभागाध्यक्ष)



शहीद भगतसिंह शासकीय स्नातकोत्तर महाविद्यालय, पिपरिया (म. प्र.)
भौतिकशास्त्र विभाग
List of Experiments: M.Sc.-4th Semester

General (Lab-I)

1. To study the Hybrid Parameters.
2. To study the Ammeter follower.
3. To study the Hysteresis loss.
4. To study the series LCR circuit.
5. To verify the parallel LCR circuit.

Special (Lab-II)

1. To study the inverting and non-inverting oscillator.
2. To verify the Op-Amp as an adder and subtractor.
3. To study the IC-555 timer.
4. To study the R-S flip flop.
5. To study the J-K flip flop.
6. To study the programming in C language.

(विभागाध्यक्ष)