

SBS GOVT. P.G. COLLEGE

PIPARIYA



SSR DOCUMENT

2018-19 TO 2022-23

CRITERION - 1

Curricular Aspects

Metrics No. 1.2

Document Title:

Additional Supporting Documents related to
Add On and Value Added Courses

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

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


Principal
PRINCIPAL
Shaheed Bhagat Singh Govt. P.G. College
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1. List of Add On Course

2022-23	
S.No.	Course Title
1.	Solar Energy
2.	Basics of Insurance Management
3.	Digital Marketing
4.	E-Commerce
5.	E-Mathematical Tool
6.	Environmental Protection and Disaster Management
7.	Family Counseling
8.	Food and Nutrition Syllabus
9.	Functional English
10.	Gender Sensitization
11.	Human Right Education
12.	Industrial chemistry
13.	Medicinal plant
14.	Money and Banking
15.	Mushroom Cultivation
16.	Organic farming
17.	Renewable energy
18.	Research Methodology
19.	Taxation
20.	Tour and Travles
21.	Vermiculture
22.	Web Designing
23.	Women Entrepreneurship
24.	Financial Accounting and Tally
25.	Leadership Management
26.	Basics of Insurance
27.	Functional Hindi

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2. List of Students Enrolled in Vocational Course Year Wise

2022-23							
Vocational Course - 1st Year							
S.No.	Corse Name	BA	B.Com	Science	BBA	BCA	Total
1	Accounting and Tally	6	143	14	0	2	165
2	Beauty and Wellness	29	13	23	0	0	65
3	Desktop Publishing {DTP}	0	8	8	0	1	17
4	E-Accounting and Taxation with GST	1	69	2	0	0	72
5	Handicrafts	3	0	1	0	0	4
6	Medicinal Plants	1	8	24	0	0	33
7	Organic Farming	42	12	34	0	1	89
8	Personality Development	243	224	174	85	5	731
9	Tourism	20	3	22	0	0	45
10	Food Preservation and Processing	0	4	0	0	0	4
11	Web Designing	3	15	16	0	2	36
Total							1261


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Vocational Course - 2nd Year

S.No.	Corse Name	BA	B.Com	Science	BBA	BCA	Total
1	Commerce : Computerized Accounting	21	196	13	9	0	303
2	Home Science : Skin And Facial Beauty Care	23	15	33	0	0	91
3	Computer Application : Desktop Publishing With Advanced Page Maker	14	23	8	0	0	58
4	Commerce : E-Filling Of Tax Returns	0	88	1	0	0	114
5	Drawing & Painting: Handicraft	3	0	5	0	0	17
6	Botany : Plants Used In Therapy	44	3	70	0	0	149
7	Psychology : Personality Development	93	57	89	41	0	369
8	Tourism :Tourism Product and Resources	42	0	34	0	0	103
9	Computer Science : Web Development Using Php & Mysql	2	8	28	0	21	76
10	CND (Home Sc.) : Food Processing Beverages Manufacturing And Management	7	0	5	0	0	13
Total							1293


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2021-22

Vocational Course - 1st Year

S.No.	Corse Name	BA	B.Com	Science	BBA	BCA	Total
1	Accounting and Tally	32	243	18	10	0	303
2	Beauty and Wellness	33	15	43	0	0	91
3	Desktop Publishing {DTP}	18	26	14	0	0	58
4	E-Accounting and Taxation with GST	2	111	1	0	0	114
5	Handicrafts	11	0	6	0	0	17
6	Medicinal Plants	60	3	86	0	0	149
7	Personality Development	124	63	109	73	0	369
8	Tourism	64	2	37	0	0	103
9	Web Designing	2	10	40	0	24	76
10	Food Preservation and Processing	8	0	5	0	0	13
Total							1293

me
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3. Sample Registration form of Add On Course

SHAHEED BHAGATSINGH GOVT. P.G. COLLEGE PIPARIYA,
NARMADAPURAM

Registration form

SESSION 22-23

ADD-ON COURSE... Renewable Energy
DATE FROM... 12/8/22
DEPARTMENT NAME... Physics
Name of the students... Vishakha Gogjam
Fathers Name... Mukesh Gogjam
Date of Birth... 27-05-2004
Class... BSC.CS. 1st year
Mobile No... 9754837149
E-mail-Address... vishakhagogjam@gmail.com
Category... ST
Gender... Female

Course-coordinator
Name and Signature

Student's
Name and Signature

Vishakha Gogjam

SHAHEED BHAGATSINGH GOVT. P.G. COLLEGE PIPARIYA,
NARMADAPURAM

Registration form

SESSION 22-23

ADD-ON COURSE... Solar Energy
DATE FROM... 18/11/22
DEPARTMENT NAME... Physics
Name of the students... Ramshankar
Fathers Name... Amarchand
Date of Birth... 19/05/2005
Class... B.S.C. first year
Mobile No... 8103225863
E-mail-Address...
Category... SC
Gender... male

Course-coordinator
Name and Signature

Student's
Name and Signature

Ramshankar

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Shaheed Bhagat Singh Govt. P.G. College Pipariya Narmadapuram

Registration form of Add on course - Food and Nutrition Under the Department of Chemistry

Date From -

Name of Student Swati Newsiwal

Class B.sc 2nd year (Chemistry Major)

Mobile No. 6267016581

Email Address swatinewsiwal@gmail.com

Category (SC/ST/OBC/Gen.) OBC

Gender Female

Student's Sign

Swati Newsiwal

Dr. Anurag

Course coordinator Sign



4. Sample of Question paper

SBS GOVT. P.G. COLLEGE PIPARIYA (M.P)

PHYSICS DEPARTMENT

Session: 2022-23

Add on Course Test Paper Subject - Solar Energy

MAXIMUM- 50

MINIMUM- 18

- 1). The Zenith Angle complement is _____
 - a) Surface Azimuth Angle
 - b) Slope
 - c) Solar Altitude Angle
 - d) Solar Azimuth Angle
- 2). Which Meter is used to measure the Beam Radiations _____
 - a) Pyrheliometer
 - b) Sunshine Recorder
 - c) Anemometer
 - d) All of the above
- 3). How many types of solar cells?
 - a) One
 - b) Two
 - c) Three
 - d) Four
- 4). In which collector the efficiency is maximum _____
 - a) Flat Plate
 - b) Line Focusing
 - c) Evacuated Tube
 - d) Paraboloid Dish
- 5). The solar cell efficiency is about _____
 - a) 25%
 - b) 15%
 - c) 48%
 - d) 63%
- 6). The source of energy used for satellites is _____
 - a) Solar Cells
 - b) Edison Cells
 - c) Fuel Cells
 - d) Cryogenic Cells
- 7). The Pyranometer measures _____
 - a) Direct Radiation
 - b) Diffusion Radiation
 - c) Both a and b
 - d) None of the above
- 8). The single solar cell voltage is about _____
 - a) 0.2 V
 - b) 0.5 V
 - c) V
 - d) V
- 9). The solar heater function is to convert the solar energy in to _____
 - a) Radiation
 - b) Electrical Energy
 - c) Thermal Energy
 - d) None of the above

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- 10). The solar heater life span is around _____
- 4-5 years
 - 2-6 years
 - 1-2 years
 - 6-7 years
- 11). The radiation of solar includes _____
- Ultraviolet light and Visible light
 - Radio waves and Infrared waves
 - X rays and Gamma rays
 - All of the above
- 12). Which cell is used to convert solar energy directly into electrical energy _____
- Dry cell
 - Photoelectric cell
 - Battery
 - None of the above
- 13). Which of the following is the most dangerous type of radiation _____
- Alpha radiation
 - Beta radiation
 - Gamma radiation
 - None of the above
- 14). The energy which is stored as latent heat is called as _____ energy
- Mechanical energy
 - Electrical energy
 - Thermal energy
 - None of the above
- 15). The solar energy directly used for _____
- Drying
 - Water heating
 - Distillation
 - All of the above
- 16). The nuclear radiation unit is _____
- Pascal
 - Ranking
 - Reaumur
 - Roentgen
- 17). The standard form of HHW is _____
- High level waste
 - Low level waste
 - High and low level waste
 - None of the above
- 18). _____ radiation is called as a diffuse radiation
- Scattered solar radiation
 - Beam radiation
 - Infrared radiation
 - None of the above
- 19). Which type of radiation reaches the surface without absorption or without scattering?
- Scattered solar radiation
 - Infrared radiation
 - Beam radiation
 - None of the above
- 20). From the sun the solar energy is radiated in the form of _____ waves
- Electromagnetic waves
 - Infrared waves
 - Transverse waves
 - None of the above



SBS GOVT. P.G. COLLEGE PIPARIYA (M.P)

PHYSICS DEPARTMENT

Session: 2022-23

Add on Course Test Paper Subject - Renewable Energy

MAXIMUM- 50

MINIMUM- 18

1. What is solar radiation?
 - a) Energy radiated from the sun in all directions
 - b) Energy radiated from earth in all directions
 - c) Radiation travelling in space
 - d) Energy radiated from sun that travels in ether
2. What are three relevant bands of solar radiation?
 - a) UV, infrared and far infrared
 - b) UV, visible and infrared
 - c) Ultrasonic, infrared and visible
 - d) UV, ultrasonic and near infrared
3. Which two bands of solar radiation are majority in the total solar radiation reaching earth?
 - a) UV and visible
 - b) Visible and ultrasonic
 - c) Visible and infrared
 - d) Infrared and UV
4. Which of the following affects the amount of solar radiation received by a location or water body?
 - a) Shape of the water body
 - b) Time at night
 - c) Rotational speed of earth
 - d) Altitude and latitude
5. What is direct solar radiation?
 - a) Solar radiation directly received by earth's surface from sun
 - b) Cosmic radiation directly received by earth's surface
 - c) Solar radiation received by earth's surface after reflection
 - d) Cosmic radiation received by earth's surface after reflection
6. What is indirect solar radiation?
 - a) Solar radiation directly received by earth's surface from sun
 - b) Solar radiation received by earth's surface after scattering
 - c) Cosmic radiation directly received by earth's surface
 - d) Cosmic radiation received by earth's surface after reflection
7. What type of radiation does earth emit?
 - a) UV
 - b) Visible
 - c) Infrared
 - d) Longitudinal
8. What is the electromagnetic spectrum?
 - a) Radiation spectrum consisting only of UV and visible rays
 - b) All rays falling in the category of infrared and UV rays
 - c) All rays falling in the category of gamma and x-rays
 - d) Radiation spectrum encompassing all types of radiation
9. Which of the following type of UV radiation inhibits photosynthetic reaction in phytoplankton?
 - a) UV-A
 - b) UV-C
 - c) Infrared
 - d) Gamma rays

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10. Which of the following is responsible for thermal energy?
- UV
 - Infrared
 - Gamma
 - UV-A
11. How does infrared radiation cause heat?
- By exciting neutrons of the substance that absorb them
 - By de-exciting electrons of the substance that absorb them
 - By exciting electrons of the substance that absorb them
 - By exciting protons of the substance that absorb them
12. Why are surfaces of water bodies warmer than the depths?
- Because water does not absorb UV radiation
 - Because water does not absorb thermal radiation
 - Because water absorbs visible radiation
 - Because water absorbs thermal radiation
13. What is photosynthetically active radiation (PAR)?
- Radiation best suited for photosynthesis
 - All radiation in which photosynthesis occurs
 - Radiation in which photosynthesis does not occur
 - Radiation which deactivates the ongoing photosynthesis
14. UV-A, UV-B and UV-C are three wavelength ranges of ultraviolet radiation.
- True
 - False
15. Energy of the wavelength increases with frequency and decreases with the size of wavelength.
- True
 - False
16. What are the two primary aerodynamic forces acting on wind turbine rotors?
- Lift, drag
 - Drag, gravitational force
 - Gravitational force, lift
 - Gravitational force, electrical force
17. Lift is an aerodynamic force acting _____
- opposite to the direction of wind flow
 - parallel to the direction of wind flow
 - diagonal to the direction of wind flow
 - perpendicular to the direction of wind flow
18. Drag is an aerodynamic force acting _____
- perpendicular to the direction of wind flow
 - parallel to the direction of wind flow
 - diagonal to the direction of wind flow
 - opposite to the direction of wind flow
19. What is an aerodynamic force?
- Force exerted on the body due to mass of another body nearby
 - Force exerted on the body by liquid
 - Force exerted on the body by air (or any gas) in which the body is immersed
 - Force exerted on the body due to a charged particle
20. What happens on the upwind side of the wind mill blade?
- No pressure is exerted
 - Low pressure area
 - High pressure area
 - Wind is trapped