



JAWAHARLAL COLLEGE, PATNAGARH

Tender Document For

**“Supply of Laboratory Instruments, Books for CBCS,
Green Board, Combo Desk Bench & Battery Inverter”**

At

**Jawaharlal College, Patnagarh
Dist. Balangir, Odisha.**

Tender Document No: OHEPEE/JCP/2019-20/01

Dated: 7.02.2020

Issued By:

PRINCIPAL

**Jawaharlal College, Patnagarh,
Dist. Balangir, Odisha, PIN 767025.**

Principal
Jawaharlal College
Patnagarh

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SCHEDULE OF TENDER

Tender No.	OHEPEE/JCP/2019-20/01
Name of the Tender Issuer	Principal, Jawaharlal College, Patnagarh, Dist. Balangir, Odisha, PIN 767025.
Scope of Work	Supply of Laboratory instruments Details as per Annexure-I
Quantity to be supplied	As per Annexure-I
Cost / Fee of Tender Documents	Rs. 500/- in form of DD drawn in favour of Principal, Jawaharlal College, Patnagarh, Payable at Patnagarh.
Earnest Money Deposit (EMD)(Two Different EMDs to be submitted if one bidder is applying for both parts of the tender)	EMD:02% of the bidding price in form of DD drawn in favour of Principal, Jawaharlal College, Patnagarh, Payable at Patnagarh.
Performance Bank Guarantee (PBG)	Rs. 50,000/-
Date of issue of tender document	07 Feb 2020
Date & Time of Pre-Bid Meeting	12 Feb 2020, 02:30pm
Last Date & Time for Submission of Bids	28 Feb 2020, 5:00pm
Date of Opening of Technical Bids	29Feb 2020
Date of Price Bid Opening	02 Mar 2020
Validity of Bid	(See Column-21 in the terms and conditions) Rs. 15,000 to Rs. 1,00,000 Validity 30days Rs. 1,00,000 to Rs. 5,00,000 Validity 45 days; Rs. 5,00,000 or more: Validity 60 days
Name of the contact person for Communication	Mr. Santosh Kumar Meher Maj. Dr. RK Sahu
Contact Number of the Concern Person	9937705734 9937333299
Address for Communication	Principal, Jawaharlal College, Patnagarh, Dist. Balangir, Odisha, PIN 767025.

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ELIGIBILITY CRITERIA

The bidders who are desirous for above work require fulfilling the following conditions:

1. Must have registered under GST Act. (Copy GST registration and GST returns for the last three years i.e. 2016-17, 2017-18, & 2018-19 to be submitted in the technical bid)
2. Must have a valid PAN (Copy to be submitted in the technical bid)
3. Must have average annual turnover should not be less than Rs. 4 Lakh. (The bidder must submit copy of audited balance sheet and Profit & Loss Account certified by the Chartered accountant for the last three years i.e. 2016-17, 2017-18, & 2018-19 as a proof in the Technical bid)
4. Must have Income tax clearance (The bidder must submit Acknowledgement of Income Tax return for the last three years i.e. 2016-17, 2017-18, & 2018-19 to be attached as a proof in the Technical bid)
5. Should not have been blacklisted by any State Govt. / Central Govt. / PSU in India. (A self-declaration is required as per Annexure-IV in the Technical bid)

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BID SUBMISSION

Steps to be followed for submission of Bid:

1. The bid shall be submitted in three parts, the EMD, Technical Bid & the Price Bid.

i) Earnest Money Deposit (EMD): Bidder has to submit EMD of required amount in the form of Demand Draft drawn in favour of "Principal, Jawaharlal College, Patnagarh" payable at Patnagarh. The EMD should be sealed in one envelope marked as "EMD".

Earnest Money Deposit will not carry any interest. The EMD of unsuccessful bidders will be refunded on acceptance of the work order by the successful bidder. The EMD of successful bidder will be refunded on submission of performance security.

The bid not accompanying EMD is liable to be rejected.

ii) The Technical bid: The Technical bid sealed in another envelope marked as "Technical Bid" and shall contain the following-

- a. The bidder should supply the items as per technical specification mentioned in Annexure I.
- b. The bidder should give Details as per Annexure II, duly filled in, signed and complete in all respects. No alteration / modification in the format shall be permitted.
- c. A self declaration that the bidder has not been blacklisted by any State Govt./ Central Govt./ PSU in India as per Annexure IV.
- d. Audited balance sheet and profit & loss account along with copy of acknowledgement of Income Tax return of last three financial years i.e. 2016-17, 2017-18 & 2018-19.
- e. Copy of valid PAN and GST registration (Copy GST registration and GST returns for the last three years i.e. 2016-17, 2017-18, & 2018-19 to be submitted)

iii) The price bid: The price bid shall be sealed in an envelope marked as "Price Bid" and shall contain the price bid as per Annexure III duly completed in all respects.

Rate quoted should be inclusive of GST. No price increase on account of change in tax structure, duties, levies, charges etc shall be permitted.

The three separate envelope containing EMD, technical bid and price bid should be sealed in one envelope and should be addressed as per tender schedule super-scribed as "Supply of Laboratory instruments/ CBCS Books/ Green Board/ Combo desk bench/ Inverter with battery".

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GENERAL TERMS AND CONDITIONS OF THE BID

Note: Bidders must read these conditions carefully and comply strictly while submitting their bids.

1) Bidder shall prepare the bid and submit it in a sealed envelope addressed to Principal, Jawaharlal College, Patnagarh, Dist. Balangir, Odisha, PIN 767025 and send it through Speed Post / Registered Post / Courier only (no hand deliver will be entertained). Each envelope should bear the name of bidder, along with the tender number. However the authorities shall not be responsible for postal and other delays in receipts of the bids.

2) Bidders are requested to check for any notice / amendment / clarification etc. To the Tender Document through the Website www.jcpatnagarh.com / Notice Board of the office of Principal, Jawaharlal College, Patnagarh, Dist. Balangir, Odisha. No separate notification will be issued for such notice / amendment / clarification etc. in the print media or individually.

3) The Bidders should note that Prices should not be indicated in the Technical bid and should be quoted only in the Price Bid as per Annexure III. In case the prices are indicated in the Technical bid, the bid shall stand rejected.

4) "PRE-BID Meeting" with the intending bidders shall be held as per the schedule at Jawaharlal College, Patnagarh, Dist. Balangir, Odisha. Any queries related to this tender shall be sent to the mail id: jcprincipalptg@gmail.com one day in advance. The clarifications if any will be uploaded in the department website. All bidders are invited to attend the pre-bid meeting. No deviation to any of the terms will be permitted after freezing of the same at pre-bid meeting. On the date of pre-bid meeting the bidders may make site verification where installations are to be made.

5) OPENING OF TECHNICAL BID

The Technical proposal will be opened as per the schedule in the presence of the Tender Committee and representative of the Bidders. No separate intimation will be given to the bidders in this regard.

6) EVALUATION PROCESS

Technical proposal will be evaluated on the basis of compliance to eligibility criteria, technical specification, and other terms & conditions stipulated in the tender document. Financial proposal will be opened only of those bidders who qualify in the technical evaluation. The Committee reserves the right to reject any or all the tenders without assigning any reason thereof.

7) **AWARD OF CONTRACT:** Financial bids with lowest price quotation for the assignment as per Annexure-III will be considered for negotiations and award of contract. However where there is tie between bidders in lowest evaluated package

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price, the person having highest financial turnover in the preceding 3 financial year will be given preference.

- 8) PERFORMANCE BANK GUARANTEE (PBG):** The selected bidder shall deposit performance security of Rs. 50,000 /- in the form of a demand draft / fixed deposit receipt from a Commercial Bank / Bank Guarantee from a Commercial Bank within Fifteen (15) working days of the date of notice of award of the tender. The performance security deposit will be retained till completion of the warranty period.
- 9) The bids not submitted in prescribed format or in prescribed manner, shall be rejected by the Tender Committee at the risk and responsibility of the bidder.
- 10) All the information as called for in the Tender Document should be submitted truly, clearly, legibly, transparently, unambiguously by the bidder.
- 11) In the financial bid the total figures should be written in figures followed by words.
- 12) Each page of the tender document should be signed by the bidder with seal, in token of having understood and accepted the terms and conditions of the contract and serially numbered and page marked.
- 13) A bid submitted cannot be withdrawn. The bidder or his authorized representative (one person only) will be allowed to be present at the time of opening of tenders.
- 14) The tendering authority reserves the right to accept any bid and to annul the bid process and reject all bids at any time prior to award of contract, without assigning reasons and without thereby incurring any liability to be affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the action.
- 15) All the transit risks shall be the responsibility of the supplier.
- 16) All the disputes shall be subjected to the jurisdiction of Civil Courts situated at Patnagarh, Dist. Balangir, Odisha.
- 17) Any matter which has not been covered under these provisions shall be governed as per the provisions of Odisha State Govt. Rules
- 18) If the work is found unsatisfactory or, if the firm dishonours the contract, the Performance Security Deposit may be forfeited and the job may be entrusted to another firm. In this regard the decision of the committee is final and binding on the contractor

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19) Any notice given by one party to the other pursuant to this contract shall be sent in writing to Principal, Jawaharlal College, Patnagarh, Dist. Balangir, Odisha, PIN 767025.

20) PAYMENT TERMS: All payments will be made within 30 days of submission of invoice, based on completion of respective terms & conditions. TDS will be deducted as per the Rules. The invoice will be raised in favour of Principal, Jawaharlal College, Patnagarh, Dist. Balangir, Odisha, PIN 767025.

21) Validity of Bid: The bid remains valid from the date of opening of the tender as given below. Within this time period the bidder should provide the goods as per the rate and other terms quoted irrespective of fluctuation in the market.

Sl no	Value of goods/Services (in Rs)	Validity of bid (Days)
1	<=15,000 (Direct Purchase)	Not applicable
2	<=15,000 to 1,00,000	30
3	1,00,000 to 5,00,000	45
4	5,00,000 and so on	60 days

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DETAILS OF THE TENDER

SL.NO.	PARTICULARS	
01.	Name of the Firm / Agency / Company	
02.	Registered Office Address & Complete Postaladdress	
03.	Telephone Number & E-mail Id	
04.	Name of Authorized Signatory (in block	
05.	Contact No. of Authorized Signatory	
06.	Type of Firm (Proprietary / Partnership / Pvt. Ltd. / Public ltd.)	<i>Bidder has to provide relevant documents (with the technical bid) as a proof of firm type.</i>
07.	Date of Establishment and Experience in business (in number of years)	<i>Work order to be attached for complying eligibility criteria.</i>
08.	G.S.T. Registration No. (Copy GST registration and GST returns for the last three years i.e. 2016-17, 2017-18, & 2018-19submitted)	
09.	PAN No.	
10.	Details of Earnest Money Deposit i.e. Draft No., date and bank name.	
11.	Yearly turnover of the organization during last 3years (year wise) and furnish audited Balance Sheet and Profit and Loss A/c for the last 3years.2016-17, 2017-18, 2018-19	
12.	Income Tax Clearance(last 3years.2016-17, 2017-18, 2018-19)	
13.	Furnish the names of 3 responsible persons along with their designation, address, Telephone Number etc. for whose organization, you have completed / work in progress as mentioned in Annexure V and who will be in a position to certify about the performance of your organization.	

Date:
Place:

Signature & Seal of the Bidder

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PRICE SCHEDULE

(List of Laboratory Instruments /Books for +3 CBCS Syllabus /Green writing board /Combo Desk bench /Inverter with battery)

To
The Principal
Jawaharlal College, Patnagarh, Dist. Balangir, 767025 (Odisha)

Quotation for _____

Ref: Tender No. _____ Dated _____

Sir,

I/We _____ hereby offer to supply the following items at the Specifications, prices and within the stipulated period.

Sl no	Name of the Equipment	Specifications	Make & Model	Qty. In Nos.	Unit Price (in Rs.)	Total Amount (Inclusive of all taxes, Transportation and installation) (in Rs.)

It is herewith certified that we have understood the General Terms & Conditions of the bid and our offer is to supply items strictly in accordance with the requirements and the terms mentioned in the bid.

Date
Place

Signature of the Bidder
Name _____
Designation _____
Seal

Note: No change in the proforma is permissible.

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SELF DECLARATION FOR NOT BLACKLISTED

To
The Principal,
Jawaharlal College, Patnagarh, Dist. Balangir, 767025 (Odisha)

Quotation for _____
Ref: Tender No. _____ Dated _____

Sir,
I / We _____ hereby
confirm that our firm has not been banned or blacklisted by any Government
organization / Financial Institution / Court / Public Sector unit / Central
Government.

Date
Place

Signature of the Bidder
Name _____
Designation _____
Seal

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Supply of Laboratory instruments

(WITHIN THE AMOUNT OF Rs. 1,50,000 /- FOR EACH OF THE
DEPARTMENT OF PHYSICS, CHEMISTRY, BOTANY, ZOOLOGY)

TOTAL AMOUNT Rs. 6,00,000/-

LIST OF INSTRUMENTS, DEPARTMENT OF PHYSICS, JAWAHARLAL COLLEGE, PATNAGARH

S.NO.	Instruments	Make & Model No	No. of units
1	Coefficient of Viscosity by Poiseuille's method Apparatus	AELAB, SPML-010	1
2	Kater's Pendulum Apparatus	AELAB, SPML-007	1
3	Carey Fosters Bridge.	AELAB, EME-010	1
4	Thevenin and Norton theorems verification trainer kit	AELAB, EME-012	1
5	Series LCR Resonance	AELAB, EME-009	1
6	Callender and Barnes constant flow method	AELAB, TPSM-001	1
7	Calendar and Griffith Bridge	AELAB, TPSM-006	1
8	Newton's law of cooling apparatus	AELAB, 1018	1
9	V-I characteristics of a Zener diode	AELAB, ASP-002	1
10	V-I and power curves of solar cells	AELAB, ASP-003	1
11	Colpitt's oscillator	AELAB, ASP-010	1
12	Planck's constant using 4 colour LEDs	AELAB, EMP-002	1
13	He Ne Laser Kit	AELAB, EMP-011	1
14	Basic gates OR, AND, NOT, XOR gates design using NAND gate	AELAB, DSA-002	1
15	Flip Flop Trainer	AELAB, DSA-006	1
16	Adder and subtractor Trainer	AELAB, DSA-004	1
17	Four probe method	INDOSAW, SK012	1
18	Stefan's constant set up	AELAB, EMT-009	1
19	Babinet compensator	AELAB, EMT-003	1
20	Dual Channel CRO (20 MHz Dual Tracer Dual Channel)	Metravi, OS-020	1
21	BH Curve of Fe (with CRO)	AELAB, SSP-006	1

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**LIST OF INSTRUMENTS, DEPARTMENT OF CHEMISTRY
JAWAHARLAL COLLEGE, PATNAGARH**

S.NO.	Instruments	Make	Model No	No. of units
1	UV-Visible Spectrophotometer (With Extra 4 Cuvette)	Systronics	118	1
2	PH Meter(Pocket PH Tester)	Hanna Instruments	phep	3
3	Digital Melting Point Apparatus	Sigma Scientific	Lowest	2
4	Digital Themometer	HTC Instruments	DT-1	2
5	Digital Conductivity Meter	Insif Electronics	IE-704	1
6	Molecular Model Set (166-Pieces)	MOLYMOD	MMS-050	1

**LIST OF INSTRUMENTS, DEPARTMENT OF BOTANY
JAWAHARLAL COLLEGE, PATNAGARH**

S.NO	Instruments	Make	Model No	Units
1	Binocular Microscope with Digital Camera	Magnus Olympus	MX 21 i	2
2	Projection Microscope with 180 TFT LCD DISPLAY	Celestron Tera View	5 mp	1
3	Haemocytometer	Naubauer	Lowest	5
4	Lux Meter Digital (Range 200-50000)	Metravi	1331	1
5	Rain Guage	Automatic	Bucket Type	1

**LIST OF INSTRUMENTS, DEPARTMENT OF ZOOLOGY
JAWAHARLAL COLLEGE, PATNAGARH**

S.NO.	Instruments	Make	Model No	No. of Unit
1	Research Binocular/ Trinocular Microscope with camera	MAGNUS / Olympus	MX 21i (CX 21I)	1
2	PH meter	ELICO	LT120	1
3	1-25 micron Erma Rotary Microtome	Contemp 1-25 Micron Erma		1
4	Monocular ECO Teaching Microscope	Magmaster	HM 100	1
5	Monocular Student Microscope with light	Magnus	HM-100	1

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Supply of Office Equipments
(WITHIN THE AMOUNT OF Rs. 95,000)

LIST OF EQUIPMENTS

SL.NO.	SERVICES/ GOODS TO BE PROCURED	SPECIFICATION QUANTITY	Units
1	Inverter with battery (For Office and Library) with wiring.	Luminous, 2250 watt, Battery 220AH	02 Pairs

Supply of Classroom Equipments and Furniture

(WITHIN THE AMOUNT OF Rs. 2,30,000)

LIST OF EQUIPMENTS AND FURNITURE

SL.NO.	SERVICES/ ITEMS TO BE PROCURED	SPECIFICATION QUANTITY	Units
1	Green writing board (For class room)	Kores, Size 8ft X 4ft	08 Nos
2	Combo Desk bench(For class room)	As per IPMS specification	50 Nos


Supply of Books for +3 CBCS Syllabus

(Rs. 50,000/- For Each of the Department of Physics, Chemistry, Botany, Zoology &, Mathematics. Rs. 70,000/- For Each of the Department of English, Odia, History, Political Science & Economics,) Total amount Rs 6,00,000/-

LIST OF BOOKS

SL.NO.	SERVICES/ GOODS TO BE PROCURED	SPECIFICATION QUANTITY
1	Books for +3 CBCS Syllabus	For Semester 1 to Semester 4. (Details given below subject wise)

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LIST OF BOOKS (CHEMISTRY)
Jawaharlal College, Patnagarh
(Within total amount Rs. 50,000/-)

Sl	Name of book	Author	Publisher	Copies
1	Senior Practical Physical Chemistry	Koshla & others	R Chand	03
2	Fundamentals of Inorganic Chemistry, Vol-1	Asim Das	CBS	3
3	Fundamentals of Inorganic Chemistry, Vol-2	Asim Das	CBS	3
4	Pradeep's Inorganic Chemistry, Vol-1, 14 th edition	KK Bhasin	Pradeep	8
5	Pradeep's Inorganic Chemistry, Vol-2, 14 th edition	KK Bhasin	Pradeep	8
6	Pradeep's Organic Chemistry, Vol-1, 14 th edition	Dhawan	Pradeep	8
7	Pradeep's Organic Chemistry, Vol-2, 14 th edition	Dhawan	Pradeep	8
8	Pradeep's Physical Chemistry, Vol-1, 14 th edition	Khetrapal	Pradeep	8
9	Pradeep's Physical Chemistry, Vol-2, 14 th edition	Khetrapal	Pradeep	8
10	Medicinal Chemistry, 2007	Ashutosh kar	New age	3
11	Polymer Chemistry, 9th	Seymor & others	CRC press	2
12	Introduction to Green Chemistry, 2015	Kumar V	Vishal	5
13	A text book of Engineering Chemistry	SS Dara	S Chand	2
14	Engineering Chemistry	Jain	Dhanpat Rai	2
15	Green Chemistry Experiments, 2013	Sharma & others	International	2
16	Coordination Chemistry	Ajai Kumar	Aaryush	4
17	Organometallic & Bioinorganic Chemistry	Ajai Kumar	Aaryush	3
18	Basic Organometallic Chemistry, 2013 ed	Gupta & others	Univ press	3
19	Stereochemistry	Kalsai PS	New age	2
20	Organic Spectroscopy	Kemp & others	Macmillan	2
21	Introduction to Spectroscopy	Pavia & others		3
22	NMR Spectroscopy	Gunther	Wiley	3
23	Heterocyclic Chemistry, 5th	Joule & others	Wiley	3
24	Organic Chemistry	Subrato S Gupta	Oxford	2
25	Solomon's Organic Chemistry	Graham Solomon..	Wiley	2
26	Name reactions and reagents in organic synthesis	Bradford & others	Wiley	1

Department Of Physics
Books List (World Bank Fund)

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Sl No.	Name of Books	Author	Quantities
1	Mathematical Physics	H.K. Dass	6
2	Modern College Physics Mathematical physics Part-1	Debashish Das	4
3	Modern College Physics Mathematical physics Part-2	Debashish Das	4
4	Modern College Physics Mathematical physics Part-3	Debashish Das	4
5	Mathematical Physics and Special Relativity	M.Das,P.K.Jena and B.K. Dash	3
6	Mechanics	M.Das, P.K.Jena and R.N. Mishra	2
7	Mechanics	D. S. Mathur	4
8	Electricity & Magnetism	K.K. Sharma	4
9	Electricity and Magnetism	D. C. Tayal	2
10	Wave & Optics	K. K. Sharma	3
11	Optics	B.S. Agarwal	3
12	Thermal Physics	K K Sharma	4
13	Heat Thermodynamics and statistical Physics	S.S. Singhal ,Satya Prakash	4
14	Digital system and application	S L Gupta	4
15	Fundamental Of Digital Circuits	Anand Kumar	4
16	Electronic devices and circuits	R.L.Boylstad	2
17	Analog System and Application	A K Das	4
18	Bsics Electronics	V K Meheta	2
19	Quantum Mechanics	M Das, P k Jena	4
20	Quantum Mechanics(Pragati Prakashan)	J P Agarwal	8
21	Quantum Mechanics	N Zettili	2
22	Solid state physics	M A wahab	2
23	Solid state physics	Puri & Babar	4
24	Solid state physics	S L Gupta	4
25	Solid state physics	K K Sharma	4
26	Solid state physics	S O Pilai	2
27	Classical Dynamics	J C Upadhyaya	4
28	Classical Dynamics	Satya Prakash	4
29	Statistical Mechanics	B B Laud	4
30	Satistical Mechanics	S L Gupta	6
31	Electromagnetic Theory	S L Gupta	4
32	Introduction to Electrodynamics	D.J. Griffiths	4
33	Nuclear & Particle Physics	Kulwant S Thind	4
34	Nuclear & Particle Physics	S L Gupta	4
35	Atomic and Nuclear Physics	A B Gupta	4
36	Atomic and Molecular Spectra	Raj Kumar	3
37	Nanotechnology: Principles and Practices	S.K. Kulkarni	3
38	Nano science and nano technology,	K.K.Choudhury	3
39	Nano Science and nano technology	SundarSingh	3
40	Mathematical Methods for Physicists	G.B.Arffen,H.J.Weber	2
41	Modern Physics	K.S.Thind & S.Mohan	4

[Signature]
HOD PHYSICS 17/01/20

DEPARTMENT OF BOTANY (BOOK LIST)

<u>Sl. No.</u>	<u>Books</u>	<u>Publication</u>	<u>Numbers</u>
1	Microbiology and phycolgy	- Kalyani Publi.	- 10
2	Biomolecules and Cell Biology	- K.P.	- 10
3	Plant Biodiversity	- Rastogi Publi.	- 07
4	Mycology and pathology	- K.P.	- 10.
5	Archegoniate	- R.P.	- 10
6	Plant Ecology and phycogeography	- K.P.	- 07
7	Plant Taxonomy	- K.P.	- 10
8	Anatomy of Angiosperms	- K.P.	- 10
9	Economic Botany	- K.P.	- 07
10	Genetics	- K.P./R.P.	- 05/05*
11	Molecular Biology	- K.P./R.P.	- 04/04
12	Ecology and Environment	- K.P.	- 07
13	Reproductive Biology of Angiosperm	- K.P.	- 10
14	Plant physiology	- K.P./R.P.	- 05/05
15	Plant physiology and Biochemistry	- R.P.	- 07.
			- 07
16	Plant Metabolism	- K.P.	- 08
17	Plant Biotechnology	- K.P.	- 10
18	Analytical techniques in plant science	- K.P.	- 08
19	Natural Resource and Management	- K.P.	- 08
20	Horticulture and Post Harvest technology	- K.P.	- 08
21	Industrial and Environmental Microbiology	- K.P.	- 08

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 HOD BOTANY
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1. Zoology for Degree students (1st semester) - S. Chand publication
2. Zoology for Degree students (2nd semester) - -do -
3. Zoology for Degree students (3rd semester) - -do -
4. Zoology for Degree students (4th semester) - -do -
5. Zoology for Degree students (5th semester) - -do -
6. Fish and Fisheries - S.S. Khanna
7. Food, Nutrition and Health - Kalyani publication
8. Biology of Nonchordates - part I - Kalyani publication
9. Biology of Nonchordates - part II - Kalyani publication
10. Animal Diversity - G.E.I - Kalyani publication
11. Animal Behaviour - Kalyani publication
12. Principles of Ecology - -do -
13. Fundamentals of Biochemistry - do -
14. Food, Nutrition and Health - Rastogi publication
15. Concepts of Biochemistry - -do -
16. Biochemistry of metabolic process - -do -
17. Animal Diversity - do -
18. Evolutionary Biology - do -
19. Wild life conservation - do -
20. Chordate and comparative Anatomy - do -
21. practical Zoology (B.Sc. 1st year) - do -
22. practical zoology (B.Sc. 2nd year) - do -

- 23. Developmental Biology - Rastogi publication
- 24. Animal Behaviours - do -
- 25. Cell Biology - do -
- 26. Genetics - do -
- 27. Immunology - do -
- 28. Molecular Biology - do -
- 29. Physiology - do -
- 30. Aquaculture and Fisheries - Saxas publication -

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1. G.B Thomas and R.L. Finney, Calculus
2. Shanti Narayan, P.K Mittal, Differential Calculus
3. Edgar G. Goodaire and Michael M. Parmenter, Discrete Mathematics with Graph theory
4. David C. Lay, Linear algebra and its application
5. R.G Bartle and D.R Sherbert, Introduction to Real analysis.
6. S. K. Mapa, Introduction to Real analysis.
7. Belinda Barnes and Glenn R. Fulford, Mathematical Modelling, with Case studies
8. S. L. Ross, Differential equation
9. K.A. Ross, Elementary analysis: The theory of Calculus.
10. John B. Fraleigh, A first course in Abstract Algebra.
11. M. Artin, Abstract Algebra
12. Joseph J. Rotman, An introduction to the theory of group.
13. Tyn Myint-U and Lokenath Debnath, Linear Partial differential equations for scientists and engineers.
14. S. Kumaraswamy, Linear algebra
15. An introduction to linear algebra by V Krishna Murthy
16. S.C Mallik and S. Arora, Mathematical Analysis.
17. M.K Jain, S.R.K Iyengar and R.K Jain, Numerical methods for scientific and engineering computation
18. James Stewart, Multivariable Calculus concepts and contexts

19. Kanti Swarup, Operation Research 21
20. F. S Hillier and G. J Lieberman, Introduction to Operation Research
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22. R. P Grimaldi, Discrete Mathematics and Combinatorial Mathematics.
23. C. F Gerald and P. O Wheatley, Applied Numerical Analysis.
24. Gilbert Strang, Linear Algebra and its application
25. James Ward Brown and Ruel V. Churchill, Complex Variables and Applications.
26. Sneddon L. The use of integral transformations
27. Schaum's Series, Laplace transforms
28. Ram P Kanwa, Linear integral equations.
29. Thomas Kosby, Elementary number theory with application
30. Robert V. Hogg, Joseph W. McKean and Allen T Craig, Introduction to mathematical statistics.
31. Timothy G. Feeman, The mathematics of Medical Imaging
32. W. S Burnside and A. W Panton, the theory of equations
33. G. Hadley, Linear Programming.
34. Joan M. Aldous and Robin J. Wilson, Graphs and Application.
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- ⑰ Chairs - Eugene Ionesco
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- (24) Blood Knot - Athol Fugard
- (25) Universals of Poetics - Haladhar Panda
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- (37) Nationalism - Rabindranath Tagore
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50. Make Care - A. K. Ramanyan from A. K. Ramanyan's Relation
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52. When Mr. Pizada came to dine - Thumpa Lahiri from Interpreter of Maladies, Harper Collins
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57 ~~17~~. "Dear Khatija: A Partition Story" - M.G. Vassanji
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20. Learning Urdu - Agha Shahid Ali
60.

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ଓଡ଼ିଆ ପୁସ୍ତକ ତାଲିକା

(ପ୍ରଥମ ୧୦ ଭାଗ)

- ୧- ଓଡ଼ିଆ ସାହିତ୍ୟ ଇତିହାସ - ସୁର୍ଦ୍ଧାମାହାନ୍ତ ଜାଣ (୧ମ ଓ ୨ୟ ଭାଗ) - ଗ୍ରନ୍ଥ ମନ୍ଦିର
- ୨- ଓଡ଼ିଆ ସାହିତ୍ୟ ଧାରାବର୍ଣ୍ଣନା - ସୁଗନ୍ଧା ମହାନ୍ତି - କଟକ ସ୍ୱାଧୀନତା ସମିତି
- ୩- ଚର୍ଚ୍ଚାମାଳିକା - ଉପାଦେୟ ମହାପାତ୍ର - ପ୍ରେମ୍‌ସୁଧା, କଟକ
- ୪- ଓଡ଼ିଆ ସାହିତ୍ୟ - କଳାକାର ମହାନ୍ତି - ପ୍ରେମ୍‌ସୁଧା, କଟକ
- ୫- ଓଡ଼ିଆ ସାହିତ୍ୟର ସମ୍ବନ୍ଧିତ ପରିଚୟ - ଜ୍ଞାନୀନୀ ପଣ୍ଡା - ପ୍ରେମ୍‌ସୁଧା, କଟକ
- ୬- ଓଡ଼ିଆ ସାହିତ୍ୟ ଇତିହାସ, ପ୍ରଥମ ଭାଗ - ବିକ୍ରମ ଚନ୍ଦ୍ର ସାମଲ - ପ୍ରେମ୍‌ସୁଧା, କଟକ
- ୭- ଓଡ଼ିଆ ସାହିତ୍ୟର ସମୀକ୍ଷା - ସୁଗନ୍ଧା ମହାନ୍ତି - କଟକ ସ୍ୱାଧୀନତା ସମିତି
- ୮- ପଞ୍ଚମୀ ଓଡ଼ିଆ ସାହିତ୍ୟ - ଦେବୀକାନ୍ତ ମହାନ୍ତି - ପ୍ରେମ୍‌ସୁଧା, କଟକ
- ୯- ଓଡ଼ିଆ ସାହିତ୍ୟର ଇତିହାସ ଓ ଇତିହାସ - ଦେବୀକାନ୍ତ ମହାନ୍ତି - ପ୍ରେମ୍‌ସୁଧା, କଟକ
- ୧୦- ଓଡ଼ିଆ ସାହିତ୍ୟର ଇତିହାସ - କଳାକାର ମହାନ୍ତି (୧ମ ଓ ୨ୟ ଭାଗ) - ପ୍ରେମ୍‌ସୁଧା, କଟକ
- ୧୧- ଓଡ଼ିଆ ସାହିତ୍ୟର ଇତିହାସ - ସୁର୍ଦ୍ଧାମାହାନ୍ତ ଜାଣ (୪ର୍ଥ ଭାଗ) - ଗ୍ରନ୍ଥ ମନ୍ଦିର
- ୧୨- ଉପକ୍ରମ ଓ ସାହିତ୍ୟ ଓଳ ସମୀକ୍ଷା - ଜୟକାନ୍ତ ମିଶ୍ର - ଓଡ଼ିଆ ପାଠ୍ୟ ପୁସ୍ତକାଳୟ
- ୧୩- ସମ୍ବନ୍ଧିତ ଓଡ଼ିଆ ସାହିତ୍ୟ - ଉପକ୍ରମ ସାହିତ୍ୟ - ପ୍ରେମ୍‌ସୁଧା, କଟକ
- ୧୪- ଉପକ୍ରମ ଓ ସାହିତ୍ୟର ବିକାଶ ଓ ବିକାଶ - ପ୍ରଫୁଲ୍ଲକାନ୍ତ ମିଶ୍ର - ଓଡ଼ିଆ ପୁସ୍ତକାଳୟ
- ୧୫- ଓଡ଼ିଆ ଗୀତିକାବ୍ୟ - ଜାତୀୟତା ମହାନ୍ତି - ପ୍ରେମ୍‌ସୁଧା, କଟକ
- ୧୬- କାବ୍ୟାଳୋଚନା - ପ୍ରଫୁଲ୍ଲକାନ୍ତ ମହାନ୍ତି - ପ୍ରେମ୍‌ସୁଧା, କଟକ
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- ୧୮- ଓଡ଼ିଆ ସାହିତ୍ୟର ସାମାଜିକ ସମୀକ୍ଷା - ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ - ଗ୍ରନ୍ଥ ମନ୍ଦିର
- ୧୯- କାବ୍ୟାଳୋଚନା ଲକ୍ଷ୍ୟରେ - ଜାତୀୟତା ସମିତି -
- ୨୦- ଓଡ଼ିଆ ସାହିତ୍ୟର ଇତିହାସ ଓ ସମୀକ୍ଷା ମୁଦ୍ରା - ବିକ୍ରମ ଚନ୍ଦ୍ର ସାମଲ - ପ୍ରେମ୍‌ସୁଧା, କଟକ
- ୨୧- ସମ୍ବନ୍ଧିତ ସାମଗ୍ରୀ - ଜାତୀୟତା ମହାନ୍ତି - ଗ୍ରନ୍ଥ ମନ୍ଦିର
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- ୨୩ - ଗଜସିନ୍ଧୁ (ପ୍ରଥମ ଭାଗ) - ନରସିଂହ ଚନ୍ଦ୍ର -
- ୨୪ - ସ୍ଵାଧୀନତା ପୂର୍ବରୁ ଓଡ଼ିଆ ସାହିତ୍ୟର ଦୁଇ ଓ ଦୁଇଟି - ଡ଼କ୍ଟର ଶ୍ୟାମ ସାହୁ
ଓଡ଼ିଆ ସ୍ଵଳ୍ପ ଗୋଷ୍ଠୀ ।
- ୨୫ - ସ୍ଵାଧୀନତାପରେ ଓଡ଼ିଆ ନାଟକ - ନାଥାୟୁଗ ସାହୁ - ଓଡ଼ିଆ ଦାମ୍ଭ ପୁସ୍ତକ
ପ୍ରକାଶନ ବନ୍ଧୁ ।
- ୨୬ - ଓଡ଼ିଆ ନାଟ୍ୟ ସାହିତ୍ୟ - ଶର୍ଚ୍ଚକମ୍ପାସ ପାଠ୍ୟ - ଓଡ଼ିଆ ଦାମ୍ଭ ପୁସ୍ତକ ପ୍ରକାଶନ ବନ୍ଧୁ ।
- ୨୭ - ଓଡ଼ିଆ ସାହିତ୍ୟର ଇତିହାସ - ଦାଶରଥୀଚନ୍ଦ୍ର ଚନ୍ଦ୍ର - ଷ୍ଟେଣ୍ଡାସ ପବ୍ଲିଶର୍ସ ।
- ୨୮ - ଓଡ଼ିଆ ହାତୀର ଉଚ୍ଚତ୍ତ୍ଵ ଓ ବିକାଶ - ବାସୁଦେବ ସାହୁ - ଷ୍ଟେଣ୍ଡାସ ପବ୍ଲିଶର୍ସ ।
- ୨୯ - ଓଡ଼ିଆ ହାତୀ ଓ ଛିପିର ଲୁଗାବିକାଶ - ଷ୍ଟେଣ୍ଡାସ ପବ୍ଲିଶର୍ସ ଓଡ଼ିଆ ଦାମ୍ଭ ପୁସ୍ତକ
ପ୍ରକାଶନ ବନ୍ଧୁ ।
- ୩୦ - ପୁନି ବିକାଶ - ଗୋବିନ୍ଦାଚାର୍ଯ୍ୟ ଜିହାଦୀ ପାଠ୍ୟ - ଓଡ଼ିଆ ଦାମ୍ଭ ପୁସ୍ତକ ପ୍ରକାଶନ ବନ୍ଧୁ ।
- ୩୧ - ହାତୀ ବିକାଶର ଉଚ୍ଚତ୍ତ୍ଵ - ବାସୁଦେବ ସାହୁ - ଷ୍ଟେଣ୍ଡାସ ପବ୍ଲିଶର୍ସ ।
- ୩୨ - ଗୋବିନ୍ଦାଚାର୍ଯ୍ୟ - ନାଥାୟୁଗ ସାହୁ - ସତ୍ୟନାଥାୟୁଗ ପୁସ୍ତକଗୋଷ୍ଠୀ ।
- ୩୩ - ସଂଗୋଗ ସମ୍ବନ୍ଧରେ - ଶରଣାଚାର୍ଯ୍ୟ ପ୍ରକାଶନ - ମାଳୟା ।
- ୩୪ - ସମ୍ବନ୍ଧପତ୍ର ଓ ଗୋବିନ୍ଦାଚାର୍ଯ୍ୟ - ସୁଧାକର ଗୁଣାଚାର୍ଯ୍ୟ - ଗୋବିନ୍ଦାଚାର୍ଯ୍ୟ ଲକ୍ଷ୍ମୀନରାୟଣ,
- ୩୫ - ଗୋବିନ୍ଦାଚାର୍ଯ୍ୟପୁସ୍ତକ ଗୋଷ୍ଠୀ - ବିହାରୀ ନାଥାୟୁଗ ସାହୁ - ସତ୍ୟନାଥାୟୁଗ ପୁସ୍ତକଗୋଷ୍ଠୀ
- ୩୬ - ଉତ୍କଳଗୀତି - କାଳୀ ଚନ୍ଦ୍ର ପଟ୍ଟନାୟକ -
- ୩୭ - ଶ୍ରୀରାମଚନ୍ଦ୍ର ଓ ଧର୍ମଧାରଣ ପ୍ରଥମ - ଶ୍ରୀରାମଚନ୍ଦ୍ର ପ୍ରକାଶନ - ସତ୍ୟନାଥାୟୁଗ ପୁସ୍ତକଗୋଷ୍ଠୀ
- ୩୮ - ସମ୍ବନ୍ଧ ଓ ସମ୍ବନ୍ଧିତା - ଚନ୍ଦ୍ରଚୋପାଡ଼ ସମ୍ବନ୍ଧପତ୍ର - ଓଡ଼ିଆ ହାତୀ ଦାମ୍ଭ ପୁସ୍ତକ ଓ
ପ୍ରକାଶନ ପ୍ରକାଶନ ବନ୍ଧୁ ।
- ୩୯ - ନିର୍ଦ୍ଦେଶ ଗୋଷ୍ଠୀର ପୁସ୍ତକପତ୍ର - ନିର୍ଦ୍ଦେଶ ପୁସ୍ତକ ପ୍ରକାଶନ - ବି. ସି. ସାହୁ ପ୍ରକାଶନ
- ୪୦ - ସର୍ବସାଧୁ ନାଟକ - ନାଥାୟୁଗ ସମ୍ବନ୍ଧପତ୍ର ଓ ଶ୍ରୀରାମଚନ୍ଦ୍ର - ନିର୍ଦ୍ଦେଶ ପୁସ୍ତକଗୋଷ୍ଠୀ
ଗୋଷ୍ଠୀ ।
- ୪୧ - ଓଡ଼ିଆ ସାହିତ୍ୟରୁ ସାମାଜିକତା ନାଟ - ପ୍ରକାଶନ ସମ୍ବନ୍ଧିତା Principal
- ୪୨ - ଗୋବିନ୍ଦାଚାର୍ଯ୍ୟ ହାତୀ - ସୁଧାକର ଚନ୍ଦ୍ର ସମ୍ବନ୍ଧିତା - ପ୍ରାଣୀ ପ୍ରକାଶନ Jawaharlal Nehru
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Sl	Semester-I	Course name
1.	C1	History of India-I
2.	C2	Social Formation and Cultural Patterns of the ancient world
3.	GE-1	History of India-I (Early times to 1750)
<u>Semester-II</u>		
4.	C3	History of India-II
5.	C4	Social Formation and Cultural Patterns of the medieval world
6.	GE-2	History of India-II (1750-1950)
<u>Semester-III</u>		
7.	C5	History of India-III (750-1206)
8.	C6	Rise of modern west-I
9.	C7	History of India-IV (c.1206-1526)
10.	GE-III	Rise of modern west-I
<u>Semester-IV</u>		
11.	C8	Rise of modern west-II
12.	C9	History of India-V (1526-1750)
13.	C10	Historical Theories and methods
14.	GE-IV	Rise of Modern West-II
<u>Semester-V & VI</u>		
15.	C11	History of modern Europe-I (c.1780-1880)
16.	C12	History of India-VII (1750-1857)
17.	DSE-I	History and Culture of Odisha-I
18.	DSE-II	History and Culture of Odisha-II
19.	C13	History of India-VIII (c.1857-1950)
20.	C14	History of modern Europe-II (1880-1939)
21.	DSE-III	History and Culture of Odisha-III
22.	DSE-IV	

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List of books - (CBCS)

Understanding political Theory - D. Bhuyan

Understanding political Theory - B.C Rout
and Pradhan.

Constitutional Govt. and democracy in India
by D. D Pattnaik

Constitutional Govt and democracy in India
by D. Bhuyan.

Political Theory - Concepts and debates
by C. K. Ghosh

Political Theory - Concepts and debates
by B.C Rout and Pradhan.

Political process in India
by - G.C. Nayak
by A.K. Sathar.

Perspective on International Relations
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