



गोंय विद्यापीठ

ताळगांव पठार,

गोंय - ४०३ २०६

फोन : +९१-८६६९६०९०४८

फॅक्स : +०९१-८३२-२४५११८४/२४५२८८९



Goa University

Taleigao Plateau, Goa-403 20

+91-866960904

Tel

Fax

E-mail

Website

+091-832-2451184/245288

registrar@unigoa.ac.i

www.unigoa.ac.i

(Accredited by NAAC with Grade 'A')

SHENOI GOEMBAB SCHOOL OF LANGUAGES & LITERATURE

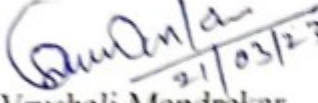
HINDI DISCIPLINE

No. GU/SGSLL/Hindi/Ph.D/2023/5491

Date: 21/03/2023

Attendance Certificate

Prof. Soniya Sirsat has attended the Pre-viva meeting of Ms. Priya Gosavi, Ph.D student in Hindi, on 21st March 2023 from 2.30 pm at Hindi Discipline, ShenoI Goembab School of Languages & Literature, Goa University.


21/03/23
Prof. Vrushali Mandrekar
Vice Dean (Academic)
SGSLL



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Goa University

Taleigao Plateau, Goa-403 206

Tel : +91-8669609048

Fax : +091-832-2451184/2452889

E-mail : registrar@unigoa.ac.in

Website : www.unigoa.ac.in

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**SHENOI GOEMBAB SCHOOL OF LANGUAGES & LITERATURE
HINDI DISCIPLINE**

No. GU/SGSLL/Hindi/ BOS/2023/448

Date: 05/04/2023

Attendance Certificate

Prof. Soniya Sirsat, Professor, Government College of Arts. Science & Commerce Sanquelim Goa has attended the Board of Studies meeting for framing of Syllabus as per NEP 2020 in Hindi Discipline, ShenoI Goembab School of Languages & Literature, Goa University held on 05th April 2023 from 10.00 am to 5.00 pm.

(Prof. Vrushali S. Mandrekar)
5/4/23

(Prof. Vrushali S. Mandrekar)

VICE-DEAN

CHAIRPERSON

ShenoI Goembab School of
Languages & Literature
Goa University



The Cuncolim Educational Society's
College of Arts & Commerce

CUNCOLIM, SALCETE, GOA - 403 703
(Affiliated to Goa University) Reg. with UGC under Section 2(f) & 12(b)
(Accredited by NAAC with 'B' Grade CGPA of 2.33)

Office Ph: 0832-2865210
Whatsapp : 8766614175

Email Office: office@cescollege.ac.in
Principal Email: principal@cescollege.ac.in
Website: cescollege.ac.in

Principal Contact
No.: 0832-2865774

Ref.: CES/CAC/2022-23/33265

Date: 30th March 2023

To
Dr. Soniya Shirsat,
Associate Professor,
Government College of Arts , Science and Commerce,
Sanquelim, Goa - 403505

Sub: Conduct of Viva- Voce

Madam,

In continuation to our letter ref no.: CES/CAC/2022-23/33223 dated 16/03/2023 you have been appointed as an external examiner for the T.Y. B.A. project paper titled 'वेलिप समाज और संस्कृति (मोरपिर्ना गाँव के सन्दर्भ में)' of 08 students is scheduled on 10th April 2023 from 9.00 a.m. onwards.

Thanking you,

Yours faithfully,

*Prof. Soniya
to examine
11/04/23*

Prof. Sanjay P. Sawant Dessai

PRINCIPAL
The C.E.S. College of Arts & Com
Shri P'o F. Lawrence Complex
Cuncolim Salcete-Goa 403 703

Copy To: -
The Principal,
Government College of Arts , Science and Commerce,
Sanquelim, Goa - 403505



The Cuncolim Educational Society's
College of Arts & Commerce

CUNCOLIM, SALCETE, GOA - 403 703

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Whatsapp : 8766614175

Email Office: office@cescollege.ac.in
Principal Email: principal@cescollege.ac.in
Website: cescollege.ac.in

Principal Contact
No.: 0832-2865774

Ref.: CES/CAC/2022-23/ 33223

Date: 16th March 2023

To
Dr. Soniya Shirsat,
Associate Professor,
Government College of Arts , Science and Commerce,
Sanquelim, Goa - 403505

Sub: Evaluation of Project Report

Madam,

As per Goa University letter No.: GU/Exam-UG/2022-2023/1543 dated 15/03/2023 you have been appointed as an external examiner for the T.Y. B.A. Project paper titled 'वेलिप समाज और संस्कृति (मोरपिर्ला गाँव के सन्दर्भ में)'.
Enclosed herewith the 01 Project report(s) of 08 students.

Our Project Co-ordinator Ms. Tina de Santa Tereza D'Souza (Contact No: 8007537403) will contact you and finalize the date for Viva-Voce shortly.

Thanking you,

Yours faithfully,

Prof. Sanjay P. Sawant Dessai
Principal

PRINCIPAL
The C.E.S. College of Arts & Com
Shri Pio F. Lawrence Complex
Cuncolim, Salcete-Goa 403 703

Enclosed: 01 Project report

Copy To: -
The Principal,
Government College of Arts , Science and Commerce,
Sanquelim, Goa - 403505



The Council of Educational Research and Training's
College of Arts & Commerce

CUNOOLIM, SALCETE, GOA - 403 703

(Affiliated to Goa University) Reg. with UGC under Section 2(f) & 12(b)

(Accredited by NAAC with 'B' Grade CGPA of 2.33)

Office Ph: 0832-2865210

Email Office: office@cascollege.ac.in

Principal Contact

Whatsapp: 8788524175

Principal Email: principal@cascollege.ac.in

No.: 0832-2865774

Website: cascollege.ac.in

Ref.: CFS/CAC/2022-23/ 33298

Date: 10th April 2023

ATTENDANCE CERTIFICATE

This is to certify that Prof. Sanjya Sirsat, Government College of Arts, Science & Commerce, Sanquelim – Goa, conducted Viva-Voce for 08 students and examined U1 project report in the subject of Hindi, Semester VI B.A. on 10th April 2023 from 10.15 a.m. onwards.

Prof. Sanjay P. Sawant Dessai

PRINCIPAL

The C. E. S. College of Arts & Com.

Shri. P. R. Lawrence Complex,

Cunoolim, Salcete-Goa 403 703

Copy to:

The Principal,

Government College of Arts, Science & Commerce,

Sanquelim – Goa.



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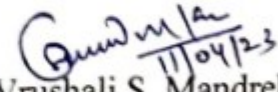
**SHENOI GOEMBAB SCHOOL OF LANGUAGES & LITERATURE
HINDI DISCIPLINE**

No. GU/SGSLL/Hindi/ BOS/2023

Date: 11/04/2023

Attendance Certificate

Prof. Soniya Sirsat, Professor, Government College of Arts, Science & Commerce Sanquelim Goa has attended the Board of Studies meeting for framing of Four Year Undergraduate and PGDT Syllabus as per NEP 2020 in Hindi at Hindi Discipline, Shenoj Goembab School of Languages & Literature, Goa University held on 11th April 2023 from 9.30 am to 4.30 pm.


(Prof. Vrushali S. Mandrekar)

Chairperson, BOS
VICE-DEAN
ACADEMIC
Shenoj Goembab School of
Languages & Literature
Goa University



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ताळगांव पठार

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संयुक्त २०२३ INDIA
(Accredited by NAAC)

Goa University

Taleigao Plateau, Goa - 403 2

Tel : +91-8669609048

E.mail : registrar@unigoa.ac.in

Website : www.unigoa.ac.in

**SHENOI GOEMBAB SCHOOL OF LANGUAGES & LITERATURE
HINDI DISCIPLINE**

Ref/GU/SGSLL/Hindi/Ph.D./2023 | 59 |

Date: 05.07.2023

Attendance Certificate

Prof. Soniya Sirsat, Professor, Government College Sanquelim Goa has attended the Pre-Viva meeting of Ms. Amita Mandrekar, Ph.D. student in Hindi held on 5th July 2023 at 4.30 pm at Hindi Discipline, Shenoj Goembab School of Languages & Literature, Goa University.

(Signature)
05/07/23

Prof. Vrushali Mandrekar

Co-Guide

Vice Dean (Academic)

Shenoj Goembab School of Languages & Literature

Goa University

VICE-DEAN

ACADEMIC

Shenoj Goembab School of

Languages & Literature

Goa University



ORDER

In accordance with the provisions under Ordinance OA-14, the Vice-Chancellor is pleased to constitute the Board of Studies in Earth Science with the following members:-

1. Prof. Dilip B. Arolkar - Chairperson
Principal
Dnyanprasarak Mandal's College & Research Centre
Assagao, Bardez, Goa.
Email: dbarolkar@rediffmail.com
Mobile: 9422393340
2. Dr. A.A.A. Viegas - Member
Associate Professor
School of Earth, Ocean & Atmospheric Sciences
Goa University.
E-mail: aviegas@unigoa.ac.in
Mobile: 9326130150
3. Dr. Poornima R. Sawant - Member
Assistant Professor
School of Earth, Ocean & Atmospheric Sciences
Goa University.
E-mail: poornima@unigoa.ac.in
Mobile: 8007590193
4. Shri D.S. Parab - Member
Associate Professor
Dhempe College of Arts & Science
Miramar, Panaji, Goa.
Email: dinanathparab@dhempecollege.edu.in
Mobile: 8805833676
5. Shri Anil P. Karambelkar - Member
Associate Professor
Govt. College of Arts, Science & Commerce
Sanquelim, Goa.
Email: apkarambelkar@gmail.com
Mobile: 9765223741
6. Dr. R.R. Gadgil - Member
Assistant Professor
Dhempe College of Arts & Science
Miramar, Panaji, Goa.
Email: raghavgadgil@dhempecollege.edu.in
Mobile: 8390578547
7. Ms. Magnolia Aurea Miranda - Member
Assistant Professor
Govt. College of Arts, Science & Commerce
Sanquelim, Goa.
Email: magnolia.miranda@gcsanquelim.ac.in
Mobile: 9923748469

8. Dr. Aninda Mazumdar - Member
Head, Geological Oceanography
National Institute of Oceanography
Dona Paula, Goa.
Email: maninda@nio.org
Mobile: 9764971004
9. Dr. Aftab A.S. Can - Member
School of Earth, Ocean & Atmospheric Sciences
Goa University.
Email: askhan@unigoa.ac.in
Mobile : 9545544579
10. Dr. Manoj M. Ibrampurkar - Member
Associate Professor
Dhempe College of Arts & Science
Miramar, Panaji, Goa.
Email: manojibrampurkar@dhempecollege.edu.in
Mobile: 9823580348
11. Shri Mahesh Pathankar - Member
Head, Geology & Legal Compliance
Sesa Goa, Iron Ore
Vedanta Ltd. Goa.
Email: mahesh.pathankar@vedanta.ac.in
Mobile: 9765499282

The Board of Studies shall carry out the functions and duties as prescribed under Ordinance OA-14 of the University.

The term of the Board shall be for a period of three years from the date of issue of this Order.

The members of the Board of Studies are entitled to claim TA/DA as admissible under the rules for attending the meeting of the Board.

(Donald A.E. Rodrigues)
Joint Registrar – Academic

To,

1. All the members concerned.

Copy to: 1) Dean, School of Earth, Ocean & Atmospheric Sciences
2) C.O.E.
3) AR-Exam (P.G.)
4) AR-Exam (UG)
5) AR- Academic (Colleges).



ORDER

In accordance with the provisions under Ordinance OA-14, the Vice-Chancellor is pleased to constitute the Board of Studies in Zoology with the following members:

1. Prof. Savita S. Kerkar - Chairperson
Dean, School of Biological Sciences and Biotechnology
Goa University.
Mobile: 9326102039
Email: savita@unigoa.ac.in
2. Dr. Nitin S. Sawant - Member
Assistant Professor
School of Biological Sciences and Biotechnology
Goa University.
Mobile: 9822483535
Email: nitin.sawant@unigoa.ac.in
3. Dr. Shanti N. Dessai - Member
Assistant Professor
School of Biological Sciences and Biotechnology
Goa University.
Mobile: 9881542364
Email: shantidessai@unigoa.ac.in
4. Dr. Vaibhav Chindarkar - Member
Assistant Professor
Government College of Arts, Science & Commerce
Sanquelim, Goa.
Mobile : 9422443545
Email: vaibhavchindarkar@rediffmail.com
5. Dr. Manoj R. Borkar - Member
Associate Professor & Head of Department
Carmel College of Arts Science & Commerce for Women
Nuvem, Salcete, Goa.
Mobile: 9850641163
Email: manojborkar@carmelcollegegoa.org
6. Mr. G. P. P. Khanolkar - Member
Associate Professor
PES's RSN College of Arts and Science
Farmagudi, Ponda-Goa.
Mobile : 9422442452
Email: gurunath24@gmail.com

7. Ms. Rita Sharma - Member
Associate Professor
Government College of Arts, Science & Commerce
Quepem, Goa.
Mobile : 9158722601
Email: ritasharma22601@gmail.com
8. Dr. Pulikeshi M. Biradar - Member
Associate Professor
Department of Zoology
Karnataka University
Dharwad, Karnataka.
Mobile: 9448038958
Email : pulikeshi123@rediffmail.com
9. Prof Sandeep Garg - Member
Professor
School of Biological Sciences and Biotechnology
Goa University
Mobile: 9422440637
Email: sandeep@unigoa.ac.in
10. Mrs. Suchana Amonkar - Member
Associate Professor & Head of Department
Dhempe College of Arts & Science
Miramar, Panaji, Goa.
Mobile: 9527322983
Email: suchanaamonkar@dhempecollege.edu.in
11. Dr. Vikrant Berde - Member
Associate Professor
Department of Zoology
New Education Society's Arts, Commerce & Science College
Ratnagiri District, Lanja, Maharashtra.
Mobile: 7387766390
Email: berdevikrabt31@gmail.com

The Board of Studies will carry out the functions and duties as prescribed under Ordinance OA-14 of the University.

The term of the Board shall be for a period of 3 years from the date of issue of this Order.

The members of the Board of Studies will be entitled to claim TA/DA as admissible under the rules for attending the meeting of the Board.

(Donald A.E. Rodrigues)
Joint Registrar (Academic)

To
All the members concerned.

Copy to:

- The Dean, School of Biological Sciences and Biotechnology, Goa University.
- Controller of Examinations
- AR (Colleges)
- AR-Exam (UG)
- AR-Exam (PG)

Government College of Arts, Science and Commerce Sanquelim – Goa

TIME TABLE ACADEMIC YEAR 2022-2023

Faculty: Commerce

Even semester: II

Class: F.Y.B.Voc.

DAY/TIME	8.45 to 9.45	9.45 to 10.45	10.45 to 11.15	11.15 to 12.15	12.15 to 1.15
Monday	Business English (14)	Credit Processing Officer I (14)	B R E A K	Credit Processing Officer II(14)	Environmental Studies (14)
Tuesday	Retail Banking (14)	Credit Processing Officer II(14)		Credit Processing Officer III (CEM Lab)	Credit Processing Officer III(CEM Lab)
Wednesday	Business English (14)	Financial Accounting (14)		Credit Processing Officer I (14)	Credit Processing Officer II (14)
Thursday	Retail Banking (14)	Financial Accounting (14)		Credit Processing Officer III (CEM lab)	Credit Processing Officer III (CEM lab)
Friday	Retail Banking (14)	Financial Accounting (14)		Credit Processing Officer I (14)	Environmental Studies (14)
Saturday	Business English (14)	Credit Processing Officer I (14)		Language Lab Practical (CEM lab)	Language Lab Practical(CEM lab)

06/01/2023



for Professor, Gervasio S. F. L. Mendes

PRINCIPAL

Professor & Principal (Officiating)

Govt. College of Arts,
Science & Commerce,
Sanquelim - Goa.

Government College of Arts, Science and Commerce Sanquelim – Goa

TIME TABLE ACADEMIC YEAR 2022-2023

Class: F.Y.B.Com.

Faculty: Commerce

Even semester: II

DAY/TIME	8.45 to 9.45	9.45 to 10.45	10.45 to 11.15	11.15 to 12.15	12.15 to 1.15	1.15 to 1.45	1.45 to 2.45
MONDAY	SpecialisedAccounting (16) CRM (18)	Bus. Communication A (16) Environmental studies B(18)	B R E A K	Managerial economics A(16) Bus. Communication B (18)	Introduction to Marketing A (16) Fin. stat. Analysis B(18)	B R E A K	
TUESDAY	Introduction to Marketing A (16) Fin. stat. Analysis B(18)	Commercial Arithmetic A (16) Introduction to Marketing B(18)		SpecialisedAccounting (16) CRM (18)	Managerial economics A(16) Commercial Arithmetic B(18)		
WEDNESDAY	Introduction to Marketing A (16) Environmental studies B(18)	Fin. stat. analysis A(16) Introduction to Marketing B(18)		Bus. Communication A (16) Managerial Economics B(18)	Commercial Arithmetic A (16) Fin. stat. Analysis B(18)		Environmental Studies A(16) Commercial Arithmetic B(18)
THURSDAY	Managerial economics A(16) Bus. Communication B (18)	Specialised accounting (16) CRM (18)		Commercial Arithmetic A (16) Introduction to Marketing B(18)	Fin. stat. analysis A(16) Managerial economics B(18)		Environmental Studies A(16) Bus. Communication B (18)
FRIDAY	Commercial Arithmetic A (16) Introduction to Marketing B(18)	Fin. stat. analysis A(16) Managerial economics B(18)		Managerial economics A(16) Bus. Communication B (18)	Bus. Communication A (16) Commercial Arithmetic B(18)		
SATURDAY	Fin. stat. analysis A(16) Managerial economics B(18)	Bus. Communication A (16) Commercial Arithmetic B(18)		Specialised accounting (16) CRM (18)	Introduction to Marketing A (16) Fin. Stat. Analysis B(18)		

06/01/2023

Gervasio S. F. L. Mendes
 for Professor, Gervasio S. F. L. Mendes
 Professor & Principal (Associate)
 Govt. College of Arts,
 Science & Commerce,
 Sanquelim - Goa.

Government College of Arts, Science and Commerce Sanquelim – Goa

TIME TABLE ACADEMIC YEAR 2022-2023

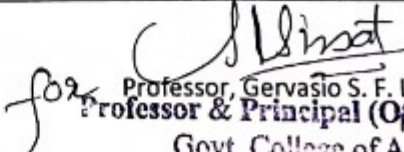
Faculty: Commerce

Even semester: IV

Class: S.Y.B.Com.

DAY/TIME	8.45 to 9.45	9.45 to 10.45	10.45 to 11.15	11.15 to 12.15	12.15 to 1.15	1.45 to 2.45
Monday	Fundamentals of Investment A (11) Income Tax B (20)	Accounting for Service Organizations A (11) Fundamentals of Investment B (20)	B R E A K	E-Commerce and E-Accounting (11) Event Management (20)	Salesmanship and Sales Management A (11) Accounting for Service Organizations B (20)	
Tuesday	Companies Act and IPR laws (11) Collective Bargaining (20)	Fundamentals of Investment A (11) Income Tax B (20)		Income Tax A (11) Salesmanship and Sales Management B (20)	Salesmanship and Sales Management A(11) Accounting for Service Organizations B (20)	E-Commerce and E-Accounting (ECM LAB)
Wednesday	Companies Act and IPR laws (11) Collective Bargaining ((20)	Accounting for Service Organizations A (11) Fundamentals of Investment B (20)		Income Tax A (11) Accounting for Service Organizations B (20)	E-Commerce and E-Accounting (ECM LAB) Event Management (20)	
Thursday	Companies Act and IPR laws (11) Collective Bargaining (20)	Income Tax A (11) Accounting for Service Organizations B (20)		Accounting for Service Organizations A (11) Salesmanship and Sales Management B (20)	Salesmanship and Sales Management A (11) Income Tax B (20)	
Friday	E-Commerce and E-Accounting (11) Event Management (20)	Accounting for Service Organizations A(11) Fundamentals of Investment B (20)		Salesmanship and Sales Management A (11) Income Tax B (20)	Fundamentals of Investment A (11) Salesmanship and Sales Management B (20)	
Saturday	Companies Act and IPR laws (11) Collective Bargaining (20)	Fundamentals of Investment A(11) Salesmanship and Sales Management B (20)		Income tax A (11) Fundamentals of Investment B (22)	E-Commerce and E-Accounting (11) Event Management (20)	

06/01/2023

for 
 Professor, Gervasio S. F. L. Mendes
 Professor & Principal (Official)
 Govt. College of Arts,
 Science & Commerce,
 Sanquelim

Government College of Arts, Science and Commerce Sanquelim – Goa

TIME TABLE ACADEMIC YEAR 2022-2023


Faculty: Commerce

Even semester: VI

Class: T.Y.B.Com.

DAY/TIME	8.45 to 9.45	9.45 to 10.45	10.45 to 11.15	11.15 to 12.15	12.15 to 1.15
Monday	Economics A(12) HRM B (13)	Accounting II (12) Cost and Management Audit (13) Strategic Management (19)	B R E A K	Accounting I(12) Advanced Cost Accounting II (13) Supply Chain and Logistics Management (19)	
Tuesday	Economics A(12) HRM B (13)	Advanced Company Accounts (12) Cost and Management Audit (13) Financial Management (19)		Accounting I(12) Advanced Cost Accounting II (13) Strategic Management (19)	
Wednesday	HRM A (12) Economics B (13)	Advanced Company Accounts (12) Cost and Management Audit (13) Financial management (19)		Accounting II(12) Advanced Cost Accounting II (13) Supply Chain and Logistics Management (19)	Economics A(13) HRM B(12)
Thursday	Economics A(13) HRM B (12)	Advanced Company Accounts (12) Advanced Cost Accounting I (13) Financial Management (19)		Accounting I(12) Cost and Management Audit (13) Strategic Management (19)	
Friday	Economics A(12) HRM B (13)	Accounting II(12) Advanced Cost Accounting I (13) Supply Chain and Logistics Management(19)		Accounting I (12) Advanced Cost Accounting I (13) Financial Management (19)	HRM A(13) Economics B(12)
Saturday	Economics A(12) HRM B (13)	Advanced Company Accounts (12) Advanced Cost Accounting I (13) Supply Chain and Logistics Management(19)		Accounting II (12) Advanced Cost Accounting II (13) Strategic Management (19)	HRM A (12) Economics B (13)

06/01/2023

for 
 Professor, Gervasio S. F. L. Mendes
 PRINCIPAL (Officiating)
 Govt. College of Arts,
 Science & Commerce,
 Sanquelim - Goa.

Semester Lecture Plan

Name of the college: Government College of Arts, Science and Commerce, Sanquelim – Goa							
Name of Faculty: Ms. SHITAL DOIFODE		Subject: समाचार संकलन और लेखन					
Paper code: HNS 102		Program/Course: द्वितीय वर्ष कला			Division: - B		
Academic year: 2022 - 2023		Semester: IV			Total Lectures: 58		
Course Objectives: प्रस्तुत पाठ्यक्रम के माध्यम से विद्यार्थी समाचार तथा रिपोर्टिंग के क्षेत्र और प्रकारों का अध्ययन करेंगे।							
Expected Course Outcome: विद्यार्थी समाचार तथा रिपोर्टिंग के क्षेत्र और प्रकारों का अध्ययन पाएंगे। विद्यार्थी समाचार संग्रह - पद्धति और लेखन - प्रक्रिया से अवगत हो पाएंगे।							
Student Learning Outcome: विद्यार्थी पत्रिकाओं के मूल सिद्धांतों, सिद्धांतों के स्रोत निर्माण और एक सशक्त समाचार बनाने के लिए आवश्यक सभी बुनियादी तकनीकों से परिचित हुए।							
Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Exercise/Assignment	ICT Tools	Reference books
January	02/01/2023	07/01/2023	04	1. पाठ्यक्रम का परिचय 2. समाचार : अवधारणा , परिभाषा , बवनियादी		Blackboard/Smartboard	Syllabus/ Web Reference / एन सी पंत – फीचर लेखन एवं संपादन कला

				<p>तत्व , समाचार और संवाद , संरचना।</p> <p>3. (घटक , समाचार मूल्य , समाचार के स्रोत)</p>		
January	09/01/2023	14/01/2023	04	<p>1. समाचार संग्रह - पद्धति और लेखन - प्रक्रिया : सिद्धान्त और मार्गदर्शक बातें</p> <p>2. विकासशील और जनरुचि की दृष्टियाँ ।</p>	Blackboard/Smartboard	Web Reference / एन सी पंत – फीचर लेखन एवं संपादन कला
January	16/01/2023	21/01/2023	04	<p>1. समाचार का वर्गीकरण । खोजी , व्याख्यात्मक , अनुवर्तन समाचार ।</p>		<p>Web Reference / डॉ. सुरेश अग्रवाल – जनसंचार माध्यम</p> <p>हरिमोहन : समाचार , फीचर लेखन एवं संपादन कला</p>
January	23/01/2023	28/01/2023	04	<p>1. समाचार : अवधारणा , परिभाषा , बवनियादी तत्व , समाचार और संवाद , संरचना। - पुनरिक्षण</p>	Blackboard/Smartboard	<p>हरिमोहन : समाचार , फीचर लेखन एवं संपादन कला</p> <p>Web Reference / डॉ. सुरेश अग्रवाल – जनसंचार माध्यम</p>

				2. संवाददाता : भूमिका , अर्हता , श्रेणियाँ , प्रकार्य एवं व्यवहार - संहिता ।			
January /February	30/01/2023	04/02/2023	03	1. संवाददाता : भूमिका , अर्हता , श्रेणियाँ , प्रकार्य एवं व्यवहार - संहिता । 2. रिपोर्टिंग के क्षेत्र और प्रकार : विधायिका, न्यायपालिका , मंत्रालय , और प्रशासन , विदेश।		Blackboard/Smartboard	
February	06/02/2023	11/02/2023	04	1 . रिपोर्टिंग के क्षेत्र और प्रकार : रक्षा, राजनिति, अपराध और न्यायालय, दुर्घटनाएवं नैसर्गिक आपदा,ग्रामीण,कृषि विकास। 2 रिपोर्टिंग के क्षेत्र और प्रकार : अर्थ एवं वाणिज्य , बैठके एवं सम्मेलन ।		Blackboard/Smartboard	Web Reference / हरिमोहन : समाचार , फीचर लेखन एवं संपादन कला

				3 संगोष्ठी , पत्रकार वार्ता , साहित्य एवं संस्कृति।			
February	13/02/2023	18/02/2023	04	1. रिपोर्टिंग के क्षेत्र और प्रकार : विज्ञान , अनुसंधान एवं तकनीकी विषय ।		Blackboard/Smartboard	हरिमोहन : समाचार , फीचर लेखन एवं संपादन कला
February	20/02/2023	25/02/2023	04	1. रिपोर्टिंग के क्षेत्र और प्रकार : खेलकूद , पर्यावरण । 2. रिपोर्टिंग के क्षेत्र और प्रकार : मानवाधिकार और अन्य सामाजिक विषयों और क्षेत्रों से संबंधित रिपोर्टिंग ।		Blackboard/Smartboard	हरिमोहन : समाचार , फीचर लेखन एवं संपादन कला / Web Reference
February / March	27/02/2023	04/03/2023	04	1. रिपोर्टिंग के क्षेत्र और प्रकार - पुनरिक्षण		Blackboard/Smartboard	हरिमोहन : समाचार , फीचर लेखन एवं संपादन कला
March	06/03/2022	11/03/2023	03.	1. इलेक्ट्रॉनिक माध्यमों से प्राप्त समाचारों का पुनर्लेखन		Blackboard/Smartboard	Web Reference / डॉ. सुरेश अग्रवाल – जनसंचार माध्यम
March	13/03/2023	18/03/2023	04	1. लीड : अर्थ , प्रकार , विशेषता , महत्व ।		Blackboard/Smartboard	Web Reference / हरिमोहन : समाचार , फीचर लेखन एवं संपादन कला

March	20/03/2023	25/03/2023	04	1. शीर्षक : अर्थ , प्रकार , लिखने की कला महत्व ।	Blackboard/Smartboard	Web Reference / हरिमोहन : समाचार , फीचर लेखन एवं संपादन कला
March / April	27/03/2023	01/04/2023	04	1. इलेक्ट्रॉनिक माध्यमों से प्राप्त समाचारों का पुनर्लेखन - पुनरिक्षण	Blackboard/Smartboard	Web Reference / - डॉ. सुरेश अग्रवाल - जनसंचार माध्यम
April	03/04/2023	08/04/2023	04	1. रिपोर्टिंग : कला और विज्ञान के रूप में विश्लेषण 2. वस्तुपरकता और भाषाशैली ।	Blackboard/Smartboard	Web Reference / हरिमोहन : समाचार , फीचर लेखन एवं संपादन कला
April	10/04/2023	15/04/2023	04	1. पाठ्यक्रम का पुनरिक्षण	Blackboard/Smartboard	Syllabus
April	17/04/2023	21/04/2023	03	प्रश्न पत्र पर चर्चा	Blackboard/Smartboard	Old Question Paper

**Assessment
Rubrics**

Component	Max Marks
ISA 1	10
ISA 2	10
Practical	Nil
Project	Nil
Semester End Exam	80

Ms. Shital Doifode
(Assistant Professor in Hindi)

Lecture Plan

Name of the college: Government College of Arts Science & Commerce, Sanquelim

Name of Faculty: Ambika Kamat

Subject: English

Paper code: END 109 Partition Literature

Program: TYBA

Division:

Academic year: 2022-2023

Semester: VI

Total Lectures: 45

Course Objectives:

- To examine the causes and effects of the partition of British India in 1947.
- To analyze how the partition of India compares to other partitions.
- To understand if partition creates more conflicts than it solves.

Expected Course Outcome: By the end of the course, the learners will be able to

- gauge the impact of events that led to the Partition of India, and its aftermath
- appreciate the sensibility with which writers have chalked out the trauma of partition
- explain Colonialism and Nationalism, Communalism and Violence, Homelessness and Exile
- evaluate the portrayal of women in Partition Literature

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
January	02/01/2023	07/01/2023	03	Amitav Ghosh's <i>The Shadow Lines</i>	Reading and analysis in class	PDF resources	Amitav Ghosh's <i>The Shadow Lines</i>
January	09/01/2023	14/01/2023	03	Amitav Ghosh's <i>The Shadow Lines</i>	Reading and analysis in class	PDF resources	Same as above
January	16/01/2023	21/01/2023	03	Amitav Ghosh's <i>The Shadow Lines</i> and ISA	Reading and analysis in class	PDF resources	Same as above
January	23/01/2023	28/01/2023	03	Dibyendu Palit's "Alam's Own House"	Reading and analysis in class	PDF resources	Dibyendu Palit, "Alam's Own House", tr. Sarika Chaudhuri, <i>Bengal Partition Stories: An Unclosed Chapter</i> , ed. Bashabi Fraser (London: Anthem P, 2008) pp. 453– 72.
January - February	30/01/2023	04/02/2023	03	Dibyendu Palit's "Alam's Own House"	Reading and analysis in class		
February	06/02/2023	11/02/2023	03	Manik Bandhopadhyaya, "The Final Solution"	Reading and analysis in class	PDF resources	Manik Bandhopadhyaya, "The Final Solution", tr. Rani Ray, <i>Mapmaking: Partition Stories from Two Bengals</i> , ed. Debjani Sengupta (New Delhi: Srishti,
February	13/02/2023	18/02/2023	03	Manik Bandhopadhyaya, "The Final Solution"	Reading and analysis in class	PDF resources	

							2003) pp. 23–39.
February	20/02/2023	25/02/2023	03	Sa'adat Hasan Manto, "Toba Tek Singh"	Reading and analysis in class	PDF resources	<i>Black Margins: Manto</i> , tr. M. Asaduddin (New Delhi: Katha, 2003) pp. 212–20.
February - March	27/02/2023	04/03/2023	03	Sa'adat Hasan Manto, "Toba Tek Singh"	Reading and analysis in class	PDF resources	
March	06/03/2023	11/03/2023	03	Faiz Ahmad Faiz, "For Your Lanes, My Country"	Reading and analysis in class	PDF resources	Faiz Ahmad Faiz, "For Your Lanes, My Country", in <i>In English: Faiz Ahmad Faiz, A Renowned Urdu Poet</i> , tr. and ed. Riz Rahim (California: Xlibris, 2008) p. 138.
March	13/03/2023	18/03/2023	03	Faiz Ahmad Faiz, "For Your Lanes, My Country"	Reading and analysis in class		
March	20/03/2023	25/03/2023	03	Jibananda Das, "I Shall Return to This Bengal"	Reading and analysis in class	PDF resources	Jibananda Das, "I Shall Return to This Bengal", tr. Sukanta Chaudhuri, in <i>Modern Indian Literature</i> (New Delhi: Oxford UP, 2004) pp. 8–13.
March	27/03/2023	01/04/2023	03	Jibananda Das, "I Shall Return to This Bengal"	Reading and analysis in class		
April	03/04/2023	08/04/2023	03	Gulzar, "Toba Tek Singh"	Reading and analysis in class	PDF resources	Gulzar, "Toba Tek Singh", tr. Anisur Rahman, in <i>Translating Partition</i> , ed. Tarun Saint et. al.
April	10/04/2023	15/04/2023	03	Gulzar "Toba Tek Singh"	Reading and analysis in class	PDF resources	

							(New Delhi: Katha, 2001) p. x.
April	17/04/2023	22/04/2023	03	Revision			

Component	
ISA 1	- 10 marks
ISA 2	- 10 marks
Practical	Nil
Project	Nil
Semester End Exam	- 80 marks

Lecture Plan

Name of the college: Government College of Arts Science & Commerce, Sanquelim

Name of Faculty: Ambika Kamat

Subject: English

Paper code: ENP Project

Program: TYBA

Division:

Academic year: 2022-2023

Semester: V and VI

Total Lectures: 60

Course Objectives: To inculcate research interest in students
To impart basics of research methodology for analysis of literary texts

Expected Course Outcome: At the end of the course the student will be able to:

1. Research on a topic of interest.
2. Develop an analytical bent of mind in approaching a text/writer/issue.
3. Outline and extrapolate his/her opinions on a topic logically.
4. Develop an inclination towards intensive and extensive research.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/Assignment	ICT Tools	Reference books
July	20/07/22	23/07/2022	01	Surveying through literary texts to search for primary texts		Smart Board	Jane Austen's <i>Emma</i> and <i>Persuasion</i>
July	25/07/2022	30/07/2022	01	Finalizing texts			
August	01/08/2022	06/08/2022	01	Finalizing title		Smart Board	
August	08/08/2022	13/08/2022	01	In depth reading of Primary texts			
August	15/08/2022	20/08/2022	01	In depth reading of Primary texts			
August	22/08/2022	27/08/2022	01	In depth reading of Primary texts		Smart Board	
August – September	29/08/2022	03/09/2022	01	<i>Chaturthi Break</i>			
September	05/09/2022	10/09/2022	01	Drafting Aim, Objectives – Introductory chapter			
September	12/09/2022	17/09/2022	01	Working on the Biography of the author			

September	19/09/2022	24/09/2022	01	Working on salient concerns – characters, themes and allied objectives		
September - October	26/09/2022	01/10/2022	01	Studying the society of the said period through secondary sources		Smart Board
October	03/10/2022	08/10/2022	01	In depth reading of the second primary text		
October	10/10/2022	15/10/2022	01	In depth reading of the second primary text		
October	17/10/2022	22/10/2022	01	In depth reading of the second primary text		
October	24/10/2022	29/10/2022	01	In depth reading of the second primary text		
November	31/10/2022	05/11/2022	01	Drafting Chapter II		Smart Board
November	06/11/2022	10/11/2022	01	Drafting Chapter II		

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
January	02/01/2023	07/01/2023	01	Drafting Chapter III			Jane Austen's <i>Emma</i> and <i>Persuasion</i>
January	09/01/2023	14/01/2023		Drafting Chapter			Secondary Sources related to the topic

				III			
January	16/01/2023	21/01/2023		Drafting Chapter III			
January	23/01/2023	28/01/2023	01	Drafting Chapter III			
January - February	30/01/2023	04/02/2023	01	Drafting Chapter IV			
February	06/02/2023	11/02/2023	01	Drafting Chapter IV			
February	13/02/2023	18/02/2023	01	Drafting Concluding chapter			
February	20/02/2023	25/02/2023	01	Drafting Concluding chapter			
February - March	27/02/2023	04/03/2023	01	Editing and correcting the report			
March	06/03/2023	11/03/2023	01	Editing and correcting the report			

March	13/03/2023	18/03/2023	01	Submission of the report			
March	20/03/2023	25/03/2023	01	Preparation for Viva			
March	27/03/2023	01/04/2023	01	Preparation for Viva			
April	03/04/2023	08/04/2023	01	Preparation for Viva			
April	10/04/2023	15/04/2023	01	Preparation for Viva			
April	17/04/2023	22/04/2023	01	Preparation for Viva			

Semester Lecture Plan

Name of the college: Government College of Arts, Science and Commerce, Sanquelim – Goa

Name of Faculty: Ms. Priyanka Baban Chawan

Subject: आधुनिक हिंदी कथा साहित्य एवं व्याकरण

Paper code: HNC 102

Program/Course: प्रथम वर्ष कला

Division: B

Academic year: 2021-2022

Semester: II

Total Lectures: 43

Course Objectives: विद्यार्थियों को आधुनिक हिंदी कथा साहित्य एवं व्याकरण की जानकारी होना आवश्यक है ।

Expected Course Outcome: विद्यार्थियों को आधुनिक हिंदी कथा साहित्य तथा कथा साहित्यकारों के विचारों से अवगत कराना ।
व्याकरण की जानकारी प्रदान कराना ।

Student learning Outcome : विद्यार्थी आधुनिक हिंदी कथा साहित्य तथा कथा साहित्यकारों के विचारों से अवगत हुए ।
व्याकरण की जानकारी प्राप्त हुई ।

Month	Lectures From: To:	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/Assignment	ICT Tools	Reference books
March	02/03/2022 05/03/2022	02	1. दुलाईवाली - बंग महिला		1.Smart Board 2.Power point Presentstion	1.पाठ्यक्रम 2.Web Reference

March	07/03/2022	12/03/2022	02	1. प्रायश्चित - प्रेमचंद		1.Smart Board 2.Power point Presentstion	1.पाठ्यक्रम 2.Web Reference
March	14/03/2022	19/03/2022	02	1. प्रायश्चित - प्रेमचंद		1.Smart Board 2.Power point Presentstion	1.पाठ्यक्रम 2.Web Reference
March	21/03/2022	26/03/2022	03	1. एक औरत एक जिंदगी - रामदरश मिश्र		1.Smart Board 2.Power point Presentstion	1.पाठ्यक्रम 2.Web Reference
March / April	28/03/2022	02/04/2022	03	1. आचार्य की रज़ाई - उदय प्रकाश		1.Smart Board 2.Power point Presentstion	1.पाठ्यक्रम 2.Web Reference
April	04/04/2022	09/04/2022	03	1. खितीन बाबू - अज्ञेय 2. बेटी - मैत्रेयी पुष्पा		1.Smart Board 2.Power point Presentstion	1.पाठ्यक्रम 2.Web Reference
April	11/04/2022	16/04/2022	02	1. बेटी - मैत्रेयी पुष्पा		1.Smart Board 2.Power point Presentstion	1.पाठ्यक्रम 2.Web Reference

April	18/04/2022	23/04/2022	03	1. दायरा - राजेंद्र यादव 2. ISA - 1		1. Smart Board 2. Power point Presentation	1. पाठ्यक्रम 2. Web Reference
April	25/04/2022	30/04/2022	03	1. दायरा - राजेंद्र यादव 2. आस्था - जयश्री राँय		1. Smart Board 2. Power point Presentation	1. पाठ्यक्रम 2. Web Reference
May	02/05/2022	07/05/2022	02	1. आस्था - जयश्री राँय		1. Smart Board 2. Power point Presentation	1. पाठ्यक्रम 2. Web Reference
May	09/05/2022	14/05/2022	03	1. आवाज़े - मोहनदास नेमिशराय		1. Smart Board 2. Power point Presentation	1. पाठ्यक्रम 2. Web Reference
May	16/05/2022	21/05/2022	03	1. बाज़ार में रामधन - कैलाश बनवासी		1. Smart Board 2. Power point Presentation	1. पाठ्यक्रम 2. Web Reference
May	23/05/2022	28/05/2022	03	1. ठेस - फणीश्वरनाथ रेणु		1. Smart Board 2. Power point Presentation	1. पाठ्यक्रम 2. Web Reference
MAY/ JUNE	30/05/2022	04/06/2022	03	1. दौड़ - ममता कालिया		1. Smart Board 2. Power point Presentation	1. पाठ्यक्रम 2. Web Reference

June	06/06/2022	11/06/2022	03	1. दौड़ - ममता कालिया		1. Smart Board 2. Power point Presentation	1. पाठ्यक्रम 2. Web Reference
June	13/06/2022	18/06/2022	03	1. दौड़ - ममता कालिया		1. Smart Board 2. Power point Presentation	1. पाठ्यक्रम 2. Web Reference

Assessment Rubrics

Component	Max marks
ISA 1	10
ISA 2	10
Practical	NIL
Project	NIL
Semester End Examination	80

Ms. Priyanka Chawan

(Assistant Professor in Hindi)

Semester Lecture Plan

Name of the college: Government College of Arts, Science and Commerce, Sanquelim, Goa

Name of Faculty: Ms. Nisha N. Rekdo

Project: चित्रा मुद्गल कृत 'आवां' उपन्यास का सैद्धांतिक विवेचन

Paper code:

Program/Course: तृतीय वर्ष कला

Division: A

Academic year: 2022 – 2023

Semester: V & VI

Total Lectures: 40

Course Objectives: छात्रों को स्वयं संशोधन करने प्रेरित कराना।

Expected Course Outcome: 'आवां' उपन्यास के माध्यम से स्त्री समस्या, कामगार समस्या आदि से परिचित कराना।

Student Learning Outcome : छात्र 'आवां' उपन्यास के माध्यम से समाज की अनेक समस्याओं से परिचित होंगे तथा जीवन से उन समस्याओं को जोड़कर उन समस्याओं का निधान कर पाएंगे।

Month	Lectures		No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
	From:	To:					
September	06/09/2022	10/09/2022	02	प्रकल्प पर चर्चा प्रकल्प विषय पर चर्चा			Old projects
September	12/09/2022	17/09/2022	02	प्रथम अध्याय			आवां - चित्रा मुद्गल

September	19/09/2022	24/09/2022	02	प्रथम अध्याय			आवां - चित्रा मुद्गल
September/October	26/09/2022	01/10/2022	02	प्रथम अध्याय			आवां - चित्रा मुद्गल
October	03/10/2022	08/10/2022	01	परीक्षण			
October	10/10/2022	15/10/2022	02	द्वितीय अध्याय			आवां - चित्रा मुद्गल
October	17/10/2022	22/10/2022	02	द्वितीय अध्याय			आवां - चित्रा मुद्गल
October	25/10/2022	29/10/2022	02	द्वितीय अध्याय			आवां - चित्रा मुद्गल
October/November	31/10/2022	05/11/2022	02	तृतीय अध्याय			आवां - चित्रा मुद्गल
November	07/11/2022	10/11/2022	02	परीक्षण			
January	02/01/2023	07/01/2023	02	तृतीय अध्याय			आवां - चित्रा मुद्गल
January	09/01/2023	14/01/2023	01	तृतीय अध्याय			आवां - चित्रा मुद्गल
January	16/01/2023	21/01/2023	02	तृतीय अध्याय			आवां - चित्रा मुद्गल
January	23/01/2023	28/01/2023	02	तृतीय अध्याय			आवां - चित्रा मुद्गल
January/February	30/01/2023	04/02/2023	02	तृतीय अध्याय			आवां - चित्रा मुद्गल
February	06/02/2023	11/02/2023	02	परीक्षण			
February	13/02/2023	18/02/2023	02	तृतीय अध्याय			आवां - चित्रा मुद्गल

February	20/02/2023	25/02/2023	02	तृतीय अध्याय		आवां - चित्रा मुद्गल
February/ March	27/02/2023	04/03/2023	02	तृतीय अध्याय		आवां - चित्रा मुद्गल
March	06/03/2023	11/03/2023	02	उपसंहार		आवां - चित्रा मुद्गल
March	13/03/2023	17/03/2023	02	संदर्भ सूची परिक्षण		आवां - चित्रा मुद्गल

Component	Max Marks
Internal Marks	50
External Marks	50
Total	100

Ms. Nisha Rekdo

(Assistant Professor in Hindi)

Lecture Plan

Name of the college: Government College of Arts, Science and Commerce, Sanquelim - Goa

Name of Faculty: Ms. Sapna Kashinath Paryekar

Subject: हिंदी साहित्य की विविध विधाएँ

Paper code: HNG 103

Program/Course: द्वितीय वर्ष कला

Division: A

Academic year: 2021 - 2022

Semester: III

Total Lectures: 23

Course Objectives: प्रस्तुत पाठ्यक्रम के माध्यम से हिंदी साहित्य की विविध विधाओं का अध्ययन करेंगे।

Expected Course Outcome: विद्यार्थियों को हिंदी साहित्य की विभिन्न विधाओं की जानकारी प्राप्त होगी।

Student learning Outcomes: विद्यार्थी विभिन्न रचनाओं के अध्ययन द्वारा रचनाकारों के साहित्य से परिचित होंगे।

Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	04/10/2021	09/10/2021	02	1. धर्मवीर भारती का परिचय 2. सूरज का सातवाँ घोड़ा - उपन्यास		Google Meet	धर्मवीर भारती के कथा साहित्य में मनोवैज्ञानिकता Web Reference
October	11/10/2021	16/10/2021	02	1. सूरज का सातवाँ घोड़ा - उपन्यास		Google Meet/ Smart Board	सूरज का सातवाँ घोड़ा - धर्मवीर भारती Youtube / Web Reference
October	18/10/2021	23/10/2021	02	1. सूरज का सातवाँ घोड़ा - उपन्यास		Google Meet	सूरज का सातवाँ घोड़ा - धर्मवीर भारती

October	25/10/2021	30/10/2021	02	1. सूरज का सातवाँ घोड़ा - उपन्यास 2. I.S.A. - I	Smart Board	सूरज का सातवाँ घोड़ा - धर्मवीर भारती
November	08/11/2021	13/11/2021	02	1. सूरज का सातवाँ घोड़ा - उपन्यास	Google Meet	सूरज का सातवाँ घोड़ा - धर्मवीर भारती
November	15/11/2021	20/11/2021	02	1. उषा प्रियंवदा का परिचय। 2. पैरम्बुलेटर - कहानी	Smart Board	जिंदगी और गुलाब के फूल - उषा प्रियंवदा Web Reference
November	22/11/2021	27/11/2021	02	1. जाले - कहानी	Google Meet	जिंदगी और गुलाब के फूल - उषा प्रियंवदा
November/ December	29/11/2021	04/12/2021	02	1. छुट्टी का दिन - कहानी	Smart Board	जिंदगी और गुलाब के फूल - उषा प्रियंवदा
December	06/12/2021	11/12/2021	02	1. दो अंधेरे - कहानी	Google Meet	जिंदगी और गुलाब के फूल - उषा प्रियंवदा
December	13/12/2021	18/12/2021	02	1. वापसी - कहानी	Smart Board	जिंदगी और गुलाब के फूल - उषा प्रियंवदा
December	20/12/2021	25/12/2021	02	1. जिंदगी और गुलाब के फूल - कहानी	Google Meet	जिंदगी और गुलाब के फूल - उषा प्रियंवदा
January	03/01/2022	08/01/2022	02	1. पाठ्यक्रम का पुनरीक्षण	Smart Board	Syllabus
January	10/01/2022	15/01/2022	02	1. प्रश्नपत्र पर चर्चा	Google Meet	Previous Year's Question Papers

*Assignment Rubrics

Component	Max. Marks
ISA 1	10
ISA 2	10
Practical	NIL
Project	NIL
Semester End Exam	80

Ms. Sapna Paryekar
(Assistant Professor in Hindi)

Lecture Plan

Name of the college: Government College of Arts, Science and Commerce, Sanquelim - Goa

Name of Faculty: Ms. Sapna Kashinath Paryekar

Subject: अस्मितामूलक विमर्श

Paper code: HND 102

Program/Course: तृतीय वर्ष कला

Division: A

Academic year: 2021 - 2022

Semester: V

Total Lectures: 40

Course Objectives: प्रस्तुत पाठ्यक्रम के माध्यम से विभिन्न अस्मितामूलक विमर्शों का अध्ययन करेंगे।

Expected Course Outcome: विद्यार्थियों को अस्मितामूलक विमर्शों की जानकारी प्राप्त होगी तथा कृतियों के पठन से इस विषय के संबंधित ज्ञान प्राप्त होगा।

Student Learning Outcome: विद्यार्थी अस्मितामूलक विमर्श के क्षेत्र में उठ रहे प्रश्नों पर विचार करेगा।

Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	04/10/2021	09/10/2021	04	1. अस्मितामूलक विमर्श की अवधारणा, स्वरूप एवं महत्व 2. स्त्री विमर्श		Google Meet	अनामिका समकालीन स्त्री विमर्श -डॉ. चंदन कुमारी Web Reference
October	11/10/2021	16/10/2021	04	1. दलित विमर्श		Google Meet / Smart Board	आधुनिकता के आईने में दलित - अभय कुमार दुबे

				2. आदिवासी विमर्श		दलित साहित्य का समाजशास्त्र - हरिनारायण ठाकुर आदिवासी केंद्रित हिंदी उपन्यास - डॉ. प्रमोद चौधरी Web Reference
October	18/10/2021	23/10/2021	04	1. विमर्श पर चर्चा 2. किन्नर विमर्श	Smart Board	किन्नर विमर्श साहित्य के आईने में - डॉ. अहमद Web Reference
October	25/10/2021	30/10/2021	04	1. अल्पसंख्यक विमर्श 2. I.S.A. - I 3. किसान विमर्श	Smart Board	यू. जी. सी. नेट / जे.आर.एफ. सेट हिंदी ओंकार नाथ वर्मा Youtube / Web Reference
November	08/11/2021	13/11/2021	04	1. किसान विमर्श 2. पारिस्थितिकी विमर्श	Smart Board	यू. जी. सी. नेट / जे.आर.एफ. सेट हिंदी - ओंकार नाथ वर्मा Youtube / Web Reference
November	15/11/2021	20/11/2021	04	1. प्रभा खेतान का परिचय 2. छिन्नमस्ता उपन्यास	Smart Board	छिन्नमस्ता - प्रभा खेतान , राजकमल प्रकाशन, दिल्ली Web Reference
November	22/11/2021	27/11/2021	04	1. छिन्नमस्ता उपन्यास	Smart Board	छिन्नमस्ता - प्रभा खेतान , राजकमल प्रकाशन, दिल्ली Web Reference
November / December	29/11/2021	04/12/2021	04	1. छिन्नमस्ता उपन्यास 2. सूरजपाल चौहान का परिचय 3. तिरस्कृत आत्मकथा	Smart Board	छिन्नमस्ता - प्रभा खेतान , राजकमल प्रकाशन, दिल्ली तिरस्कृत - सूरजपाल चौहान

December	06/12/2021	11/12/2021	04	<ol style="list-style-type: none"> 1. तिरस्कृत आत्मकथा 2. I.S.A. - II 	स्त्री, दलित एवं आदिवासी रचनाकारों की रचनाओं का विश्लेषण।	Smart Board	तिरस्कृत - सूरजपाल चौहान
December	13/12/2021	18/12/2021	04	<ol style="list-style-type: none"> 1. असम के भाईयों के लिए - दुलाय चंद्र मुंडा 2. यह समय - तेसुला आओ 3. प्रतीक्षा - ग्रेस कुजूर 4. दाग - वाहरु सोनवणे 5. डूबो के खिलाफ - वंदना टेटे 6. पत्थर और इंसान - जनार्दन गोंड 		Smart Board	तिरस्कृत - सूरजपाल चौहान लोकप्रिय आदिवासी कविताएं - सं. वंदना टेटे Web Reference
December	20/12/2021	25/12/2021	04	<ol style="list-style-type: none"> 1. वापसी - रामदयाल मुंडा 2. जंगली घास - उज्ज्वला ज्योति 3. कविता को झारखंड घुमाना चाहता हूँ - महादेव टोप्पो 4. एक मुबारक स्त्री - इरोम चानू शर्मिला 5. जारवा आदिवासी को स्वप्न में देखकर - हरिराम मीणा 6. सभ्यता के यात्री - कमल कुमार ताँती 7. बाहामुनी - निर्मला पुतुल 8. अघोषित उलगुलान - अनुज लुगुन 		Smart Board	लोकप्रिय आदिवासी कविताएं - सं. वंदना टेटे

January	03/01/2022	08/01/2022	04	<ol style="list-style-type: none"> 1. स्त्री विमर्श के प्रमुख रचनाकारों का अध्ययन 2. दलित विमर्श के प्रमुख रचनाकारों का अध्ययन 3. आदिवासी विमर्श के प्रमुख रचनाकारों का अध्ययन 		Smart Board/ Google Meet	समकालीन विमर्श मुद्दे और बहस (स्त्री, दलित एवं आदिवासी के संदर्भ में) - महेंद्र प्रताप सिंह Web Reference
January	10/01/2022	15/01/2022	04	1. प्रश्न पत्र पर चर्चा		Smart Board	Previous Year's Question Papers

***Assessment Rubrics**

Component	Max. Marks
ISA 1	10
ISA 2	10
Practical	NIL
Project	NIL
Semester End Exam	80

Ms. Sapna Paryekar

(Assistant Professor in Hindi)

Semester Lecture Plan

Name of the college: Government College of Arts, Science and Commerce, Sanquelim - Goa

Name of Faculty: Mr. Alpius Fernandes

Subject: DSC - History

Paper code: HSC - 103

Program/Course: S.Y.B.A

Division: A

Academic year: 2022 - 2023

Semester: III

Total Lectures: 60

Course Objectives:

1. To know different dynasties that have shaped Medieval Indian history
2. Be acquainted with different Indian Sources
3. Have an overall view about the development of society, religion and economy from the 9th Century CE right up to 18th Century CE

Course Learning Outcome:

1. Students will deepen the understanding about the different literary sources across the languages which have enriched the study of Indian history.
2. Students will deepen the understanding of the lives of people during Medieval period under different dynasties and appreciate their agricultural, industrial, economic and political practices
3. Students will appreciate the contribution of Sufism, Bhakti movement and Sikhism.

Month	Lectures		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
	From:	To:					
July	20/07/2022	23/07/2022	02	Introduction to Syllabus Unit I	Students will deepen the understanding about the	Power point presentation	

				a. Sources: Literary – Persian, Indian languages and European	different literary sources across the languages which have enriched the study of Medieval Indian history.		History of Medieval India – V.D.Mahajan
	25/07/2022	30/07/2022	04	a. Sources: Literary – Persian, Indian languages and European Unit I b. The Entry of Christianity and Islam in India	Students will deepen the understanding about the entry of Christianity and Islam in the Indian sub continent.	Power point presentation	A History of Christianity in India- Moraes. History of Medieval India – V.D.Mahajan.
August	1/08/2022	6/08/2022	04	Unit I c. Rajput society Unit II Political Developments a. Delhi Sultanate:	i.Students will be able to visualize and understand the rise of Rajputs, their lineages, economic and political contribution, social and cultural contribution. ii.Students will have overall understanding about the Afghan invasions and the rise of the Delhi Sultanate	Power point presentation	History of Medieval India – V.D.Mahajan. The History and Culture of Ancient India by Wadwani.
	8/08/2022	13/08/2022	04	Unit II Political Developments a. Delhi Sultanate:Turks, Slave dynasty, Khaljis,	Students will deepen the understanding of the lives of people, the major rulers during the Slave and Khalji dynasty	Power point presentation	History of Medieval India – V.D.Mahajan

	15/08/2022	20/08/2022	03	Unit II Tughlaqs, Sayyids and Lodis	Students will deepen the understanding of the lives of people, the major rulers during the Tughlaq dynasty. Students will deepen their understanding of the lives of people during Sayyid and the Lodhi dynasty	Power point presentation	History of Medieval India – V.D.Mahajan
	22/08/2022	27/08/2022	04	Unit II b. Mughal Dynasty: Establishment, Prominent rulers	Students will get acquainted with the conditions that led to the rise of the Mughal dynasty, and its establishment. Students will learn in detail about the life and contribution of the six major Mughal rulers.	Power point presentation	History of Medieval India – V.D.Mahajan
	29/08/2022	3/09/2022	01	Unit II b. Mughal Dynasty: Establishment, Prominent rulers (revision)	Students will get acquainted with the conditions that led to the rise of the Mughal dynasty, and its establishment. Students will learn in detail about the life and contribution of the six major Mughal rulers.	Power point presentation	History of Medieval India – V.D.Mahajan
September	5/09/2022	10/09/2022	03	Unit II Mughal Dynasty: Stages of Expansion, Consolidation, Decline	Students will get acquainted with the conditions that helped the Mughal dynasty to expand and consolidate its empire. Students will analyse the conditions that led to the decline of the Mughal empire.	Power point presentation	History of Medieval India – V.D.Mahajan

	12/09/2022	17/09/2022	04	Unit II c. Deccani Sultanates: Bahamani and Its Successor States d. Vijayanagar Empire	Students will become familiar with the conditions that led to the rise of the Bahamani and Vijaynagar empire. Students will get acquainted with the major rulers and their contribution under the Bahamani and Vijaynagar empire.	Power point presentation	History of Medieval India – V.D.Mahajan
	19/09/2022	24/09/2022	04	Unit III a. Administration: North India and Peninsular India	Students will deepen the understanding about the Administration under the Delhi sultanate, Mughals and the Deccan dynasties.	Power point presentation	History of Medieval India – V.D.Mahajan
	26/09/2022	1/10/2022	04	Unit III b. Economic: Agriculture, Industry, Trade and Commerce (i) Delhi Sultanate to Mughals	Students will know the agricultural, Industrial and economic system of administration under the Delhi sultanate and the Mughals	Power point presentation	History of Medieval India – V.D.Mahajan
October	3/10/2022	8/10/2022	03	Unit III b. Economic: Agriculture, Industry, Trade and Commerce (ii) Bahamani to Vijayanagar	Students will know the agricultural, Industrial and economic system of administration under the Bahamani and the Vijaynagar	Power point presentation	History of Medieval India – V.D.Mahajan
	10/10/2022	15/10/2022	04	Unit IV <u>Society and Cultural life</u> a. <u>Social Stratification, Position of Women and Learning</u>	Students will analyse the Society, Position of women and learning under the major dynasties.	Power point presentation	History of Medieval India – V.D.Mahajan

	17/10/2022	22/10/2022	04	Unit IV b. Art and Architecture	Students will appreciate the Art and Architecture under the major dynasties.	Power point presentation	History of Medieval India – V.D.Mahajan
	24/10/2022	29/10/2022	04	Unit IV c. Sufism, Bhakti Movement and Sikhism	Students will appreciate the spiritual contribution of the Bhakti, Sufism and Sikhism.	Power point presentation	History of Medieval India – V.D.Mahajan
	31/10/2022	05/11/2022	04	Revision	.	Power point presentation	
November	07/11/2022	10/11/2022	03	Revision		Power point presentation	

*** Assessment Rubrics**

Component	Max Marks
ISA 1	10
ISA 2	10
Practical	N.A.
Project	N.A.
Semester End Exam	80

Mr. Alphius Fernandes

Assistant Professor in History

Semester Lecture Plan

Name of the college: Government College of Arts, Science and Commerce, Sanquelim - Goa							
Name of Faculty: Mr. Alphius Fernandes		Subject: DSC - History					
Paper code: HSD - 101		Program/Course: T.Y.B.A		Division: A			
Academic year: 2022 - 2023		Semester: V		Total Lectures: 45			
Course Objectives:							
<ol style="list-style-type: none"> 1. To know role played by different goans for the liberation of Goa 2. Be acquainted with major revolts organized by goans 3. Have an overall view about the political developments and agitations in Goa post liberations. 							
Course Learning Outcome:							
<ol style="list-style-type: none"> 1. Students will deepen the understanding about the contributions of various personalities and political organisations for the liberation of Goa. 2. Students will analyze the pre- twentieth century revolts against the Portuguese government. 3. Students will appreciate and critique the political developments and agitations post liberation 							
Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
July	20/07/2022	23/07/2022	02	Resistance to Colonial Hegemony in Goa a. Cuncolim Revolt,	Students will deepen the understanding about the cuncolim revolt and	Power point presentation:	Farar Far by Pratima Kamat.

					analyze the non biased view of the revolt.		Goa Gold, Goa Silver by Prajal Sakhardande
	25/07/2022	30/07/2022	03	Unit I Mateus de Castro Revolt Unit I b. Pinto Revolt of 1787	Students will deepen the understanding about the Mateus de Castro Revolt and critique its motive. Students will be able to understand the Pinto revolt and examine it's failure.	Power point presentation	Farar Far by Pratima Kamat. Goa Gold, Goa Silver by Prajal Sakhardande Goa wins Freedom by Sheik Ali. Goa by Olivinho Gomes
August	1/08/2022	6/08/2022	03	Unit I c. Rane Revolts	Students will have overall understanding about different rane revolts and will critique the real motives of the revolts	Power point presentation	Farar Far by Pratima Kamat. Goa Gold, Goa Silver by Prajal Sakhardande. Goa by Olivinho Gomes
	8/08/2022	13/08/2022	03	Unit II a. Contribution of Tristão de Bragança Cunha b. 18th June Movement	Students will appreciate the social and political contributions of T.B.Cunha. Students will describe and appreciate the 18 th June movement	Power point presentation	Farar Far by Pratima Kamat. Goa Gold, Goa Silver by Prajal Sakhardande. The liberation of Goa by P.D.Gaitonde
	15/08/2022	20/08/2022	03	Unit II c. <u>Satyagrahas of 1954 and 1955, Azad Gomantak Dal</u>	Students will deepen the understanding and compare the satyagrahas of 1954 and 1955. Students will appreciate the contributions of Azad Gomantak Dal.	Power point presentation	Farar Far by Pratima Kamat. Goa Gold, Goa Silver by Prajal Sakhardande. The liberation of Goa by P.D.Gaitonde. Goa wins freedom by Sheikh Ali.

	22/08/2022	27/08/2022	03	<p><u>d. Women's contribution to the Freedom Struggle</u> e. Operation Vijay</p>	<p>Students will know and appreciate the role played by the Goan women in the freedom struggle. Students will describe the Operation Vijay and the analyze it's course.</p>	Power point presentation	<p>Farar Far by Pratima Kamat. Goa Gold, Goa Silver by Prajal Sakhardande. Goa wins freedom by Sheikh Ali</p>
	29/08/2022	3/09/2022	0				
September	5/09/2022	10/09/2022	03	<p>Unit 3, a. Military Rule c. Opinion Poll</p>	<p>Students will get acquainted with Military rule in Goa Students will analyze and critique the contribution of Goans during the opinion poll. Students will appreciate the outcome of the opinion poll</p>	Power point presentation	<p>Goa Gold, Goa Silver by Prajal Sakhardande Online sources- Wikipedia. Goa Indica by Arusa Sinha.</p>
	12/09/2022	17/09/2022	03	b. MGP Rule	<p>Students will examine the MGP rule under Mr. Bandodkar and Mrs Kakodkar</p>	Power point presentation	<p>Cabinet Government in Goa. Goa Gold, Goa Silver by Prajal Sakhardande.</p>
	19/09/2022	24/09/2022	03	b. MGP Rule	<p>Students will examine the MGP rule under Mr. Bandodkar and Mrs Kakodkar</p>	Power point presentation	<p>Cabinet Government in Goa. Goa Gold, Goa Silver by Prajal Sakhardande.</p>

	26/09/2022	1/10/2022	03	Unit III Assignment Presentation by Students	Students will present on topics assigned for Isa	Power point presentation	
October	3/10/2022	8/10/2022	02	Assignment Presentation by Students	Students will present on topics assigned for Isa	Power point presentation	
	10/10/2022	15/10/2022	03	Unit IV Towards Statehood and Beyond a. Congress Rule from 1980-87	Students will appreciate and critique the contribution of Congress rule under the rane government.	Power point presentation	Cabinet Government in Goa. Goa Gold, Goa Silver by Prajal Sakhardande
	17/10/2022	22/10/2022	03	Unit III b. Statehood c. Agitations: ZACL, Ramponkars	Students will appreciate the contribution of goans towards attaining statehood. Students will understand and analze the ZACL and Ramponkar agitation.	Power point presentation	Fish, Curry and Rice by Claude Alvares. Goa Gold, Goa Silver by Prajal Sakhardande.
	24/10/2022	29/10/2022	03	Unit IV c. Agitations: Students' Bus Concession, Language Issue	Students will appreciate the role of student in bus ticket agitation. Students will appraise the role of Goans in language agitation.	Power point presentation	Goa Gold, Goa Silver by Prajal Sakhardande
	31/10/2022	05/11/2022	03	Revision		Power point presentation	
November	07/11/2022	10/11/2022	02	Revision		Power point presentation	

*** Assessment Rubrics**

Component	Max Marks
ISA 1	10
ISA 2	10
Practical	N.A.
Project	N.A.
Semester End Exam	80

Mr. Alphius Fernandes

Assistant Professor in History

Attainment of Course Objectives

ZOG 101 Food , Nutrition and Health

* Indicates required question

1. Email address *

2. CUIIN Number *

3. Do you know about the concept of balanced Diet ? *

Mark only one oval.

No

Yes

4. Are you aware of all special Nutritional Requirements in Various age groups ? *

Mark only one oval.

No

Yes

5. Can you tell about the diet related disorders in humans ? *

Mark only one oval.

No

Yes

6. Will you be able to tell your family , friends about the importance of food ,
Nutrition and health ★

Mark only one oval.

No

Yes

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1. The kinetic energy per unit volume of a perfect gas is equal to: (1x4) CO1
 a) $\frac{2}{3} P$ b) $\frac{3}{2} P$ c) $\frac{1}{3} P$ d) $\frac{1}{2} P$
2. The temperature of a gas is doubled, then its root mean square speed becomes:
 a) half b) double c) $\sqrt{2}$ times d) $\frac{1}{\sqrt{2}}$ times
3. The coefficient of viscosity of a gas is given by:
 a) $\eta = \frac{1}{3} \rho c \lambda$ b) $\eta = \frac{1}{2} \rho c \lambda$ c) $\eta = \frac{1}{2} \rho c^2 \lambda$ d) $\eta = \frac{1}{3} \rho c^2 \lambda$
4. According to kinetic theory of gases the relation between pressure P, density ρ and mean square velocity C is
 a) $P = \frac{1}{2} \rho C^2$ b) $P = \frac{1}{3} \rho C^2$ c) $P = \frac{1}{2} \rho C$ d) $P = \frac{1}{3} \rho C$
5. State the law of equipartition of energy. (2) CO1
6. Find the ratio of specific heats for a diatomic gas. (2) CO1
7. State any 4 postulates of kinetic theory of gases. (2) CO1
- OR
7. State any 4 features of brownian motion. (2) CO1

Government College Of Arts, Science and Commerce, Sanquelim Goa

Class : F.Y.B.Sc

Sub : Physics

Semester : II

Paper Code : PYC 102

I.S.A. : II

Paper Name : Heat and Thermodynamics +

Properties of matter and Accoustics

Presentation : Topics from Chapter Reverberation

CO4

Govt College Sanquelim

I.S.A.-II Mode of ISA= Assignment Date :-19 /05 /22 (EVEN Semester)

Class – T. Y. B. Sc. Subject: - Physics Paper Code -PYC104 MODERN PHYSICS

ASSIGNMENT

Answer the following :-

1	Applications	4 marks	CO3
2	Frank Hertz experiment	6 marks	CO4

**GOVT. COLLEGE OF ARTS, SCIENCE & COMMERCE,
SANQUELIM-GOA**

Class : T.Y.B.Sc Semester : VI I.S.A : I Date : 18/04/2022

Sub : Physics Paper : PYC 108 Atomic and Molecular Physics Marks : 10

1. Write down the Schrodinger's wave equation for hydrogen atom. Use the method of separation of variables to obtain three independent differential equations. CO1 4

OR

1. Write Schrodinger's equation in spherical polar co-ordinates for electron in Hydrogen atom .Show that magnetic quantum number arises as natural consequences of this equation. CO1 4
2. Answer any two of the following CO2 4
 - a. State Pauli's exclusion principle. Write any two conclusions that can be drawn when this principle is applied to the electronic configuration of atoms.
 - b. State Hund's rule. Explain ferromagnetism of iron, as a consequence of Hund's rule.
 - c. What are the permissible values of principal , orbital, magnetic quantum numbers ? What is the value of orbital quantum number for s orbital ?
 - d. What are symmetric and antisymmetric wave functions ? Is system of electrons is represented by antisymmetric wave function or symmetric wave function ? explain.
3. Answer any one of the following CO2 2
 - a. Find the values of L, S and J that correspond to each of the following states. $^2D_{3/2}$, 3P_2 .
 - b. Write the electronic configuration of sodium (Z = 11). Write down L, S and J values and spectroscopic term of its ground state.
 - c. Draw a suitable diagram to show space quantization of orbital angular momentum for $l = 2$.

GOVT. COLLEGE OF ARTS, SCIENCE & COMMERCE,
SANQUELIM-GOA

Class : T.Y.B.Sc Semester : VI I.S.A : I Date : 18/04/2022

Sub : Physics Paper : PYC 108 Atomic and Molecular Physics Marks : 10

ASSIGNMENT:

1. What are spherical polar coordinates. Derive equations for spherical polar coordinates in terms of rectangular coordinates and vice versa. Develop Schrodinger's equation in spherical polar coordinates for hydrogen atom.

CO3

2. Explain the Principal, sharp, diffuse, fundamental series of sodium atom. Explain fine structure with energy level diagram.

CO4

GOVERNMENT COLLEGE OF ARTS, SCIENCE AND COMMERCE
SANQUELIM GOA

ISA 1

PYC110: Electromagnetic theory II & Relativity

Max Marks:10

I. Answer any 2 of the following

(2x2)

CO4

1. The length of the rod is 100m. If the length of the rod measured by the observer moving parallel to its length is 51m, find the speed of the observer.
2. In Michelson-Morley experiment, calculate the expected fringe shift according to the ether theory, if the effective length of each path is 500cm and wavelength of light is 5000\AA , $c = 3 \times 10^8 \text{m/s}$ and orbital velocity of earth is $3 \times 10^4 \text{m/s}$.
3. The life time of a pion moving with velocity $0.8c$ appears to be 2.5×10^{-7} seconds. Calculate its proper life time.

II. Answer any 2 of the following

(2x3)

CO4

1. Two electrons leave a radioactive sample in opposite directions with velocities $0.8c$ and $0.9c$ respectively relative to the sample. Find the velocity of one electron relative to the other electron.
2. A source of light is emitting out light of wavelength 5890\AA and is moving along a circle with a constant speed of $0.6c$ relative to the observer fixed at the centre of the circle. Find the wavelength of the light as observed by the observer.
3. Find the shift in the wavelength due to longitudinal doppler effect for a line of wavelength 5896\AA when the source and the observer are approaching each other at a relative velocity of $0.8c$

Attainment of Course Objectives

ZOS 102 Wildlife and Ecotourism

* Indicates required question

1. Email address *

2. CUIIN Number *

3. Can you tell about the current status and conservation Strategies of wildlife *

Mark only one oval.

No

may be

Yes

4. Do you know about prospects & challenges of wildlife Tourism In India *

Mark only one oval.

No

may be

Yes

5. Can u tell about Wildlife Conservation Objectives and methods *

Mark only one oval.

- No
 may be
 Yes

6. Will you be able to plan , manage and monitor wildlife tourism within your state. *

Mark only one oval.

- No
 may be
 Yes

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ZOC 102: DIVERSITY OF CHORDATES AND GENETICS

CUIN: _____

DIV. _____

ISA I

(09.02.2023)

1. Name the types of scales found in bony fish. (CO 1) (01)
2. Differentiate between homocercal and heterocercal type caudal fin. (CO1) (02)
3. List any two benefits of migration in fishes. (CO2) (02)
4. What is catadromous migration? Give one example. (CO3)
5. Why is Mendel's Second Law of Genetics called the Law of Independent Assortment?
(CO4)

GOVERNMENT COLLEGE OF ARTS, SCIENCE AND COMMERCE, SANQUELIM
VI SEMSTER, ISA I

CLASS: T.Y.B.SC.

SUBJECT: ZOOLOGY

PAPER: ZOC 108 DEVELOPMENTAL BIOLOGY

DATE: 08/02/2023

Max. Marks: 10

Answer the following:

(1 X 10 = 10)

1. What is spermiogenesis? (CO1)
2. What is discoblastula? (CO2)
3. During gastrulation, which cells invaginate to form archenteron? (CO2)
4. Explain any one change occurring in plasma membrane during fertilization. (CO1)
5. What is the effect of yolk on cleavage?. (CO2)
6. What is absolute growth rate? (CO3)
7. What is Thelytoky with reference to parthenogenesis? (CO1)
8. Why is cell lineage study easier in spirally cleaving mosaic eggs of flatworms, annelids and molluscs than in spirally cleaving regulative eggs of other animals? (CO1)
9. What is the role of Zona pellucida in viviparous mammals? (CO3)
10. What is chemo-differentiation? (CO3)

ISA 2-----Assignment

T.Y.B.Sc Zoology

ZOC 110 : Parasitology

Max marks:10

Prepare a poster to depict the life cycle of any hard bodied Tick and explain the significance of this parasite in the human context. **CO4**