



Jeevandeep Shikshan Sanstha's Poi's
Art's, Commerce and Science College, Khardi
Dalkhan-Khardi, Tal. Shahapur, Dist. Thane : 421601
(Affiliated to University of Mumbai)



DEPARTMENT OF GEOGRAPHY



Basic Certificate Course of

Recent trends in Agricultural Geography

STARTED FROM MONTH OF JULY : 2022

(Only 30 Hours)

No Registration Fees

Register now

Contact :

Asst. prof. Vishal s. Bhosale { HOD } : 9920339256

Asst. Prof. Rajni Pardeshi : 7057586424

(Department of Geography)





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Basic Certificate Course of Recent trends in Agricultural Geography



30 Hrs. Basic Certificate course :
Recent trends in Agricultural Geography

• **Syllabus :**

A} Theory :

1. Nature of Agricultural Geography - Scope and Significance - Recent approaches in the study of Agricultural geography.
2. Agricultural patterns in the world- factors determining - their impact on environment, economy And society.
3. Concept of agricultural region - Techniques of delimiting agricultural region- agro climatic Regions of India and their characteristics
4. Nature of agricultural marketing- Location of market places-factors influencing.
5. Agricultural productivity of land – measurements of agricultural productivity- Land use use and Land capability classification.
6. Indian Agriculture- Regional perspective of agricultural development in India-issues related With Indian agriculture- measures adopted.

Exam : 50 Marks

(30 marks objective on theory + 20 marks Practical).



Course Objective :

- To Provide the Extra Curriculum Knowledge
- To provide Practical Knowledge with experience
- Scope of other Geographical Career opportunities
- To Develop Self Confidence, Motivation
- Self-Startup

Who can Do this?

(All Students from Any Faculty and Class of UG and PG Level)

- Art's
- Commerce
- Commerce (BAF)
- Science
- Science (BSc-IT)
- any other programs

Data Provided :

- Free Copy Of GPS Data Transmission Software's
- Videos Link's
- User Guideline pdf.

* (Note : Limited Student Batch)





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30 Hrs. Basic Certificate course Recent Trends in Agricultural Geography

TIME TABLE : 2022-2023

SR. NO.	DAY	TIME	PAPER	NAME OF THE TEACHER
1	Monday	12:00PM TO 01:00PM	THEORY AND PRACTICAL	Asst. Prof. Vishal S. Bhosale
2	Tuesday			
3	Wednesday			
4	Thursday			
5	Friday			
6	Saturday			


Asst. Prof. Vishal S. Bhosale
(H.O.D. GEO. DEPT.)


Prof. Kailas Kalkate
Principal



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30 Hrs. Basic Certificate course Recent Trends in Agricultural Geography ATTENDENCE SHEET : 2022-23

SR. NO. / ID	NAME OF THE STUDENT	DATE : FROM - 04 JULY 2023 TO 05 AUGUST 2022					TIME : 12:00pm to 01:00pm	
		03-Aug	04-Aug	05-Aug	TOTAL PRESENT DAYS	TOTAL ABSENT DAYS	REMARK	SIGN (TEACHER)
1	MARADE MAHESH BALIRAM	MARADE	MARADE	MARADE	30	00		
2	GAVARI KAMINI RAVINDRA	KGAVAR	KGAVAR	KGAVAR	30	00		
3	KAMADI BEBI RAMIDAS	KAMADI	KAMADI	KAMADI	30	00		
4	POKALA JAGADISH MAHADU	POKALA	POKALA	POKALA	30	00		
5	PATIL TEJAS TANAJI	PATIL	PATIL	PATIL	30	00		
6	NAWALE RAHUL SAMPAT	NAWALE	NAWALE	NAWALE	29	01		
7	BHANGARE AJAY SUDHAKAR	BHANGARE	BHANGARE	BHANGARE	30	00		
8	VHOGHE BHIMA BALU	VHOGHE	VHOGHE	VHOGHE	30	00		
9	LAKHE RAVINDRA TUKARAM	LAKHE	LAKHE	LAKHE	30	00		
10	ARAJ DARSHAN RAMESH	ARAJ	ARAJ	ARAJ	28	02		
11	JADHAV SUSHANT RAVINDRA	SUSHANT	SUSHANT	SUSHANT	30	00		
12	LAKHAMBARE PUNDLIK MANGAL	PUNDLIK	PUNDLIK	PUNDLIK	30	00		
13	BANDE DAMINI SANJAY	DAMINI	DAMINI	DAMINI	30	00		
14	CHAVHAN ASHWINI BALU	CHAVHAN	CHAVHAN	CHAVHAN	30	00		
15	GHARAT DHIRAJ SHANKAR	GHARAT	GHARAT	GHARAT	30	00		



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		03-Aug	04-Aug	05-Aug	TOTAL PRESENT DAYS	TOTAL ABSENT DAYS	REMARK	SIGN (TEACHER)
16	SHINGAVE BHARAT BHASKAR	<u>Sh</u>	<u>Sh</u>	<u>Sh</u>	30	00		<u>Sh</u>
17	HALKUNDE AKSHAY BALU	<u>Ah</u>	<u>Ah</u>	<u>Ah</u>	28	02		
18	CHANDGIR HEMANT DASHRATH	<u>Hemant</u>	<u>Hemant</u>	<u>Hemant</u>	29	01		
19	MAHALUNGE AJAY PRAVIN	<u>Pravali</u>	<u>Pravali</u>	<u>Pravali</u>	30	00		
20	TARMALE VIRAJ ANIL	<u>Pravali</u>	<u>Pravali</u>	<u>Pravali</u>	30	00		
21	VARKUTE VINOD RAMESH	<u>Varkute</u>	<u>Varkute</u>	<u>Varkute</u>	30	00		
22	KATHE RAMDAS SONAJI	<u>Katke</u>	<u>Katke</u>	<u>Katke</u>	30	00		
23	VEHALE DHIRAJ MAHADU	<u>D.m.v</u>	<u>D.m.v</u>	<u>D.m.v</u>	30	00		
24	UTEKAR SACHIN VASANT	<u>Sachin</u>	<u>Sachin</u>	<u>Sachin</u>	30	00		
25	HARAD DIPIKA BHASKAR	<u>HP</u>	<u>HP</u>	<u>HP</u>	30	00		
26	CHAUDHARI JAGDISH PRAKASH	<u>Jagdish</u>	<u>Jagdish</u>	<u>Jagdish</u>	30	00		
27	BANGARE RAMESH KALURAM	<u>Bangare</u>	<u>Bangare</u>	<u>Bangare</u>	30	00		
28	HANDE OMKAR SATISHA	<u>Hande</u>	<u>Hande</u>	<u>Hande</u>	30	00		
29	BURKULE SUMIT SANJAY	<u>Burkule</u>	<u>Burkule</u>	<u>Burkule</u>	22	08		
30	GABHALE DIPAK MARUT	<u>Gabhaile</u>	<u>Gabhaile</u>	<u>Gabhaile</u>	28	02		
31	GABHALE VAIBHAV PANDURANG	<u>Gabhaile</u>	<u>Gabhaile</u>	<u>Gabhaile</u>	30	00		
32	BINNAR MOHINI KISAN	<u>Binnar</u>	<u>Binnar</u>	<u>Binnar</u>	28	02		
33	BANGAR YOGESH ARUN	<u>B</u>	<u>B</u>	<u>B</u>	30	00		
34	KODE AKASH KACHRU	<u>Kode</u>	<u>Kode</u>	<u>Kode</u>	30	00		
35	WAGH CHHAYA RAMESH	<u>Wagh</u>	<u>Wagh</u>	<u>Wagh</u>	30	00		
36	VIDE JAGRUTI BHAI	<u>Vide</u>	<u>Vide</u>	<u>Vide</u>	30	00		
37	LOHAR AMOL RAJAN	<u>Amol</u>	<u>Amol</u>	<u>Amol</u>	30	00		
38	WAGHE MONIKA MADHUKAR	<u>Waghe</u>	<u>Waghe</u>	<u>Waghe</u>	27	03		
39	KHADE CHINMAY RAJENDRA	<u>Rhade</u>	<u>Rhade</u>	<u>Rhade</u>	30	00		



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		03-Aug	04-Aug	05-Aug	TOTAL PRESENT DAYS	TOTAL ABSENT DAYS	REMARK	SIGN (TEACHER)	
40	SARKHOT PRATIKSHA MANOJ	P. Pratiksha	P. Pratiksha	P. Pratiksha	25	05			
41	DURGUDE KALYANI CHANDRAKANT	AB	AB	AB	00	30			
42	DESALE BHUSHAN JANARDHAN	Desale	Desale	Desale	27	03			
43	PATIL RAHUL MANGAL	R. Patil	R. Patil	R. Patil	30	00			
44	GODE MONIKA KISAN	G. D.	G. D.	G. D.	29	01			
45	SABALE YOGITA GULCHAND	Y. Gulchand	Y. Gulchand	Y. Gulchand	26	04			
46	NADEKAR VALMIKI GANGARAM	V. G. N.	V. G. N.	V. G. N.	27	03			
47	FARDE DHANAJI YASHAWANT	D. Y.	D. Y.	D. Y.	30	00			
48	BHANGARE VIKAS GOGA	V. Bhangare	V. Bhangare	V. Bhangare	29	01			
49	GABHALE BALU NIVRUTTI	G. Gabhale	G. Gabhale	G. Gabhale	29	01			
50	SAWANT AMOL GURUNATH	A. Sawant	A. Sawant	A. Sawant	30	00			



Principal
Jeevanandappa Shaikshanik Sanstha Poi's
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(कृषी भूगोलातील अलीकडील कल)

Time - 60 min.

Mark's -50

टीप : 1. सर्व प्रश्न समान गूण दर्शवतात

2. प्रत्येक प्रश्नास २ गूण आहेत

प्रश्न : पुढील बहुपर्यायी प्रश्नांची उत्तरे लिहा.

प्रश्न क्र. 1. खालील पैकी कोणता घटक कृषी वर परिणाम करणारा प्राकृतिक घटक नाही?

अ. भूपृष्ठ रचना

ब. हवामान

क. जमीन

ड. भांडवल

प्रश्न क्र. 2. खालीलपैकी कोणत्या प्रकारच्या शेतीचा आकार लहान असतो?

अ. सखोल

ब. विस्तृत

क. व्यापारी

ड. समिश्र

प्रश्न क्र. 3. व्हॉन थूनेन यांनी कृषी भूमी उपयोजन सिद्धांत कधी मांडला?

अ. 1925

ब. 1826

क. 1928

ड. 1992

प्रश्न क्र. 4. जमिनीची धूप कमी करण्यासाठी खालीलपैकी कोणत्या प्रकारे मशागत करावी?

अ. सखोल ब. प्रवाहाच्या दिशेने क. उतारास समांतर ड. उताराच्या काटकोनात

प्रश्न क्र. 5. कृषि हा मानवाचा कोणत्या स्वरूपाचा व्यवसाय आहे?

अ. औद्योगिक

ब. सेवा

क. प्राथमिक

ड. व्यापार

प्रश्न क्र. 6. अनिश्चित पावसाच्या प्रदेशात शेती विकासासाठी खालीलपैकी कोणत्या प्रमुख घटकाची गरज असते?

अ. यांत्रिकीकरण

ब. व्यापार

क. जलसिंचन

ड. मजूर पुरवठा



प्रश्न क. 7. पावसाचे प्रमाण कमी असणाऱ्या भागात खालीलपैकी कोणत्या प्रकारची शेती केली जाते?

- अ. व्यापारी
- आ. ब. समिश्र
- इ. क. कोरडवाहू
- ई. ड. मळ्याची

प्रश्न क्र. 8. खालीलपैकी कोणत्या प्रकारच्या भूप्रदेशात शेतीचा चांगला विकास होतो?

- अ. पर्वतीय
- ब. मैदानी
- क. पठारी
- ड. वाळवंटी

प्रश्न क्र. 9. खालील पैकी कोणत्या जल सिंचन तंत्रज्ञानामुळे पाण्याचा पर्याप्त वापर होतो?

- अ. मुक्त सिंचन
- ब. तुषार सिंचन
- क. टिबक सिंचन
- ड. पट्टा पद्धती

प्रश्न क्र. 10. खालील पैकी कोणत्या तंत्राच्या सहाय्याने पावसाळ्यातील जास्तीचे पाणी साठवून तुटवडा कलावधीत वापरता येते?

- अ. विहीर
- ब. कालवा
- क. बोरवेल
- ड. शेततळे

प्रश्न क्र. 11. हमखास कृषि उत्पादनासाठी कृत्रिम पद्धतीने शेतीस पाणी पुरवटा करण्यास खालीलपैकी काय म्हणतात?

- अ. कृषि उत्पादकता
- ब. पिक
- क. जलसिंचन
- ड. शेत जमिनीचे विभाजन

प्रश्न क्र. 12. जास्त लोकसंख्या व शेतजमिनीचे प्रमाण कमी असणाऱ्या भागात खालीलपैकी कोणत्या प्रकारची शेती केली जाते?

- अ. विस्तृत धान्य शेती
- ब. मळ्याची शेती
- क. स्थलांतरित शेती
- ड. सखोल शेती



प्रश्न क्र. 13. अमेरिकन कृषि शास्त्रज्ञ जे. सी. व्हिवर यांनी कृषि प्रदेशीकरणासाठी खालील पैकी कोणती पद्धती मांडली आहे?

- अ. पीक संगती
- ब. पीक केंद्रीकरण
- क. कृषि उत्पादकता
- ड. जमीन मालकी हक्क

प्रश्न क्र. 14. खालीलपैकी कोणत्या कृषि भूगोलाच्या स्वरूपात शेतीचा अभ्यास शास्त्रीय पद्धतीने करतात?

- अ. वर्णनात्मक स्वरूप
- ब. प्रादेशिक स्वरूप
- क. वैज्ञानिक स्वरूप
- ड. तुलनात्मक स्वरूप

प्रश्न क्र. 15. एखाद्या क्षेत्रातील वेगवेगळ्या पिकाखालील जमिनीचे क्षेत्र व्यक्त खालीलपैकी कोणती संज्ञा वापरतात?

- अ. शेतीचा उगम
- ब. कृषि भूमी उपयोजन
- क. जलसिंचित क्षेत्र
- ड. कृषि उत्पादकता

प्रश्न क्र. 16. खालील पैकी कोणत्या प्रकारची शेती आर्थिक नफ्याचा उद्देश ठेऊन केली जाते?

- अ. मळ्याची शेती
- ब. उदरनिर्वाहक शेती
- क. स्थलांतरित शेती
- ड. जिरायत / कोरडवाहु शेती

प्रश्न क्र. 17. भूपृष्ठरचना, हवामान व जमीन हे शेतीवर परिणाम करणारे खालीलपैकी कोणत्या प्रकारचे घटक आहेत?

- अ. प्राकृतिला
- ब. सामाजिक
- क. आर्थिक
- ड. राजकीयराजकीय

प्रश्न क्र. 18. व्हॉन थूनेन च्या सिद्धांतांनुसार खालीलपैकी कोणता कृषि विभाग बाजारपेठेच्या सर्वात जवळ असतो?

- अ. सखोल शेती विभाग
- ब. पशुपालन शेती
- क. बाजार भिमुख बागशेती व दूध उत्पादक विभाग
- ड. लाकूड उत्पादक विभाग

प्रश्न क्र. 19. खालीलपैकी कोणता विभाग वॉन थुनेनच्या मॉडेलचा दुसरा उत्पादन विभाग आहे?

- अ. धान्य विभाग
- ब. पशुधन विभाग



क. दुग्धोत्पादन विभाग

ड. लाकूड विभाग

प्रश्न क्र. 20. शेतीच्या क्षेत्राचा कोणत्या आर्थिक क्षेत्रामध्ये समावेश होतो?

अ. प्राथमिक

ब. द्वितीयक

क. चतुर्थक

ड. तृतीय

प्रश्न क्र. 21. शेतीचा शोध लागण्यापूर्वी मानवाने कशाच्या आधारे आपले अस्तित्व टिकवून ठेवले होते?

अ. शिकार आणि फळे गोळा करणे

ब. पशुसंवर्धन

क. मोठ्या प्राण्याची शिकार

ड. स्तलांतरित शेती

प्रश्न क्र. 22. व्यापारी शेती करण्याचा खालीलपैकी कोणता मुख्य हेतू असतो?

अ. उत्कृष्ट दर्जाचे उत्पादन घेणे

ब. ग्रामीण जीवन टिकवून ठेवणे

क. रोजगार निर्मिती करणे

ड. नफा मिळवणे

प्रश्न क्र. 23. जगातील शेतकऱ्यांपैकी बहुतेक शेतकरी खालीलपैकी कोणत्या प्रकारची शेती करत आहेत?

अ. व्यावसायिक

ब. उदरनिर्वाहक

क. अग्रीबिजनेस

ड. शाश्वत

प्रश्न क्र. 24. जमिनीची धूप ही खालीलपैकी कोणत्या प्रकारची कृषि समस्या आहे?

अ. नैसर्गिक

ब. आर्थिक

क. सामाजिक

ड. राजकीय

प्रश्न क्र. 25. खालीलपैकी कोणत्या घटकाच्या अभावामुळे शेती संबंधित कामे मनुष्यबळाच्या सहाय्याने करावी लागतात?

अ. जलसिंचन

ब. खते

क. बाजार

ड. कृषि यांत्रिकरण



Recent Trends in Agricultural Geography

RESULT / MARK SHEET : 2022-2023

SR. NO. / ID	NAME OF THE STUDENT	MARKS (50)
1	MARADE MAHESH BALIRAM	46
2	GAVARI KAMINI RAVINDRA	46
3	KAMADI BEBI RAMDAS	30
4	POKALA JAGADISH MAHADU	44
5	PATIL TEJAS TANAJI	38
6	NAWALE RAHUL SAMPAT	46
7	BHANGARE AJAY SUDHAKAR	46
8	VHOGE BHIMA BALU	30
9	LAKHE RAVINDRA TUKARAM	44
10	ARAJ DARSHAN RAMESH	38
11	JADHAV SUSHANT RAVINDRA	38
12	LAKHAMBARE PUNDLIK MANGAL	46
13	BANDE DAMINI SANJAY	46
14	CHAVHAN ASHWINI BALU	30
15	GHARAT DHIRAJ SHANKAR	44
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19	MAHALUNGE AJAY PRAVIN	46
20	TARMALE VIRAJ ANIL	42
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24	UTEKAR SACHIN VASANT	46
25	HARAD DIPIKA BHASKAR	40
26	CHAUDHARI JAGDISH PRAKASH	46
27	BANGARE RAMESH KALURAM	46
28	HANDE OMKAR SATISHA	30
29	BURKULE SUMIT SANJAY	AB
30	GABHALE DIPAK MARUT	38
31	GABHALE VAIBHAV PANDURANG	46
32	BINNAR MOHINI KISAN	46
33	BANGAR YOGESH ARUN	30



34	KODE AKASH KACHRU	46
35	WAGH CHHAYA RAMESH	46
36	VIDE JAGRUTI BHAU	30
37	LOHAR AMOL RAJAN	44
38	WAGHE MONIKA MADHUKAR	38
39	KHADE CHINMAY RAJENDRA	42
40	SARKHOT PRATIKSHA MANOJ	46
41	DURGUDE KALYANI CHANDRAKANT	46
42	DESALE BHUSHAN JANARDHAN	42
43	PATIL RAHUL MANGAL	46
44	GODE MONIKA KISAN	44
45	SABALE YOGITA GULCHAND	30
46	NADEKAR VALMIKI GANGARAM	44
47	FARDE DHANAJI YASHAWANT	38
48	BHANGARE VIKAS GOGA	46
49	GABHALE BALU NIVRUTTI	46
50	SAWANT AMOL GURUNATH	48

Asst. Prof. Vishal S. Bhosale
(H.O.D. GEO. DEPT.)



Prof. Kailas Kalkate
(Principal)
Principal

Jeevandeep Shaikshanik Sanstha Poo's
Art's, Commerce & Science College Khadi
Khadi, Tal. Shahapur, Dist. Thane 421 601.

(जीपीएस जागतिक स्थान निश्चिती प्रणाली)

Time - 60 min.

Mark's -50

टीप : 1. सर्व प्रश्न समान गूण दर्शवतात

2. प्रत्येक प्रश्नास २ गूण आहेत

टीप : 1. सर्व प्रश्न समान गूण दर्शवतात.

भाग : 1 - लघुत्तरी प्रश्न

प्रश्न : पुढील प्रश्नांची उत्तरे लिहा. (कोणतेही तीन)

30 Marks

1. जि. पी. एस. चे प्रकार थोडक्यात स्पष्ट करा.
2. जि. पी. एस. कार्यप्रणाली थोडक्यात विशद करा.
3. जि. पी. एस. ची वैशिष्ट्ये थोडक्यात विशद करा.
4. जि. पी. एस. कार्यप्रणालीवर परिणाम करणारे घटक थोडक्यात विशद करा.

भाग : 2 - प्रात्यक्षिक

प्रश्न : पुढील प्रश्न सोडावा. (कोणतेही दोन)

20 Marks

1. जि. पी. एस. च्या साहाय्याने क्षेत्रफळ काढा.
2. जि. पी. एस. च्या साहाय्याने बिंदू, रेषा व बहुभुज तयार करून नकाशा तयार करा.
3. जि. पी. एस. च्या साहाय्याने दिलेल्या पाच ठिकाणांचे स्थान निश्चित करा व Easy GPS च्या साहाय्याने नकाशा तयार करा.





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Asst. Prof. Rajni Pardeshi : 7057586424

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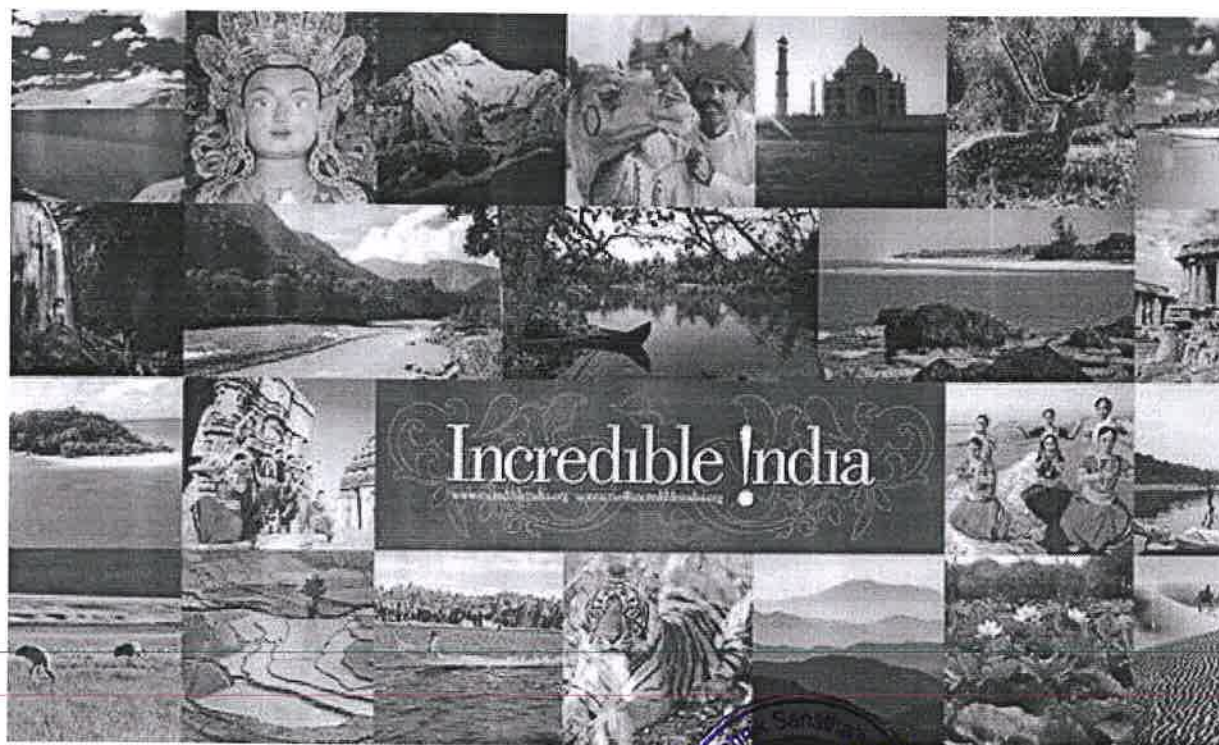
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Recent trends in Tourism and Recreation Geography

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Syllabus :

1. Geography of Tourism : Definition, nature, scope and significance, types.
2. Defining tourist- types of tourist - flow of tourist and spatial distribution.
3. Determinants of tourism : Natural, Cultural, Recreational, Built, Infrastructure, services, Governance.
4. Tourism Impact : Positive and Negative on environment, economy and society - methods for measuring the impact.
5. Tourism Development : Role of Government and Tourism Organizations - Need, types and role in promoting tourism development at regional and national level.
6. Sustainable tourism : Need and measures adopted for sustainable tourism in India and at Global level.

Exam : 50 Marks

(50 marks objective on theory)



❖ Course Objective :

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- To provide Practical Knowledge with experience
- Other Career opportunities
- To Develop Self Confidence, Motivation
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- MA / MSC - Geography

***(Note : Limited Student Batches are Available)**





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30 Hrs. Basic Certificate course Recent trends in Tourism and Recreation Geography

TIME TABLE : 2022-2023

SR. NO.	DAY	TIME	PAPER	NAME OF THE TEACHER
1	Monday	12:00PM TO 01:00PM	THEORY	Asst. Prof. Vishal S. Bhosale
2	Tuesday			
3	Wednesday			
4	Thursday			
5	Friday			
6	Saturday			

Asst. Prof. Vishal S. Bhosale
(H.O.D. GEO. DEPT.)

Prof. Kailas Kalkate
Principal
Jeevandeep Shaikshanik Sanstha Poi's
Art's, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.



Time - 60 min.

Mark's -50

टीप : 1. सर्व प्रश्न समान गूण दर्शवतात

2. प्रत्येक प्रश्नास 2 गूण आहेत

प्रश्न : पुढील बहुपर्यायी प्रश्नांची उत्तरे लिहा.

प्रश्न. 1-भारतातील समृद्ध शिल्पकलेचे दर्शन खालीलपैकी कोणते ठिकाण घडवून आणते?

अ. अजंठा व वेरूळ

ब. खुजराहो व कोणार्क

क. हम्पी, बदामी, ऐवळे व पट्टदकल

ड. वरील सर्व

प्रश्न. 2-महाराष्ट्रातील खालीलपैकी कोणती लेणी शिल्पकलेचा उत्कृष्ट नमुना असून औरंगाबाद जवळ आहेत?

अ. अजंठा व वेरूळ

ब. कोणार्क

क. खुजराहो

ड. हंपी

प्रश्न. 3-जगप्रसिद्ध काम शिल्पासाठी भारतातील खालीलपैकी कोणते ठिकाण प्रसिद्ध आहे?

अ. कोणार्क

ब. खुजराहो

क. वेरूळ

ड. बदामी

प्रश्न. 4-पर्यटकांमध्ये आकर्षण असणारे सूर्य मंदिर शिल्प खालीलपैकी कोणत्या ठिकाणी आहे?

अ. खुजराहो

ब. वेरूळ

क. कोणार्क

ड. हम्पी

प्रश्न. 5-खालीलपैकी कोणत्या कलेमुळे प्रादेशिक महत्त्व असणारे हस्तोद्योग विकसित होत असतात?

अ. हस्तकला

ब. शिल्पकला

क. चित्रकला

ड. नृत्यकला



प्रश्न. 6-काश्मीर मधील खालीलपैकी कोणत्या हस्तकलेच्या वस्तू प्रसिद्ध आहेत?

अ. शाली व गालिचे

ब. साड्या

क. चंदनाच्या वस्तू

ड. चपला

प्रश्न. 7-काश्मीरच्या शाली व गालिचे, बँगलोर व मैसूरचा रेशमी साड्या, चंदनाच्या वस्तू इंदोरी पैठणी महेश्वरी साड्या, ढाक्यांची मलमल इत्यादी खालीलपैकी कोणत्या कलेचे उत्कृष्ट नमुने आहेत?

अ. चित्रकला

ब. शिल्पकलाहस्तकला

ड. पाककला

प्रश्न. 8-कोल्हापूर हे ठिकाण खालीलपैकी कोणत्या वैशिष्टपूर्ण आहारासाठी प्रसिद्ध आहे?

अ. तांबडा पांढरा रस्सा

ब. मिठाई

क. चायनीज पदार्थ

ड. भात व मासे

प्रश्न. 9-औद्योगिक विकास, वाहतुकीच्या सोई, उत्पन्नाची साधने, व्यक्तिगत उत्पन्न, खर्च करण्याची प्रवृत्ती खालीलपैकी कोणत्या प्रकारचे घटक पर्यटनावर परिणाम करत असतात?

अ. भौगोलिक

ब. सामाजिक

क. आर्थिक

ड. सांस्कृतिक

प्रश्न. 10-वाहतूक व दळणवळणाच्या प्रगत व वेगवान सोयीमुळे पर्यटनामध्ये खालीलपैकी कोणते बदल

होत आहेत?

अ. पर्यटनाचा मोठ्या प्रमाणात विकास

ब. पर्यटनाच्या विकासावर विपरीत परिणाम

क. पर्यटनाच्या विकासातील अडथळा

ड. पर्यटन विकासातील अधोगती

प्रश्न. 11-आंतरराष्ट्रीय पर्यटनामध्ये खालीलपैकी कोणत्या वाहतूक साधनास प्राधान्य दिले जाते?

अ. रस्ते वाहतूक

ब. रेल्वे वाहतूक

क. हवाई वाहतूक

ड. जलवाहतूक



प्रश्न. 12-स्थानिक पर्यटनामध्ये खालीलपैकी कोणत्या वाहतूक सुविधेचा प्राधान्यक्रमाने वापर केला जातो?

- अ. रस्ते वाहतूक
- ब. रेल्वे वाहतूक
- क. जलवाहतूक
- ड. हवाई वाहतूक

प्रश्न. 13-पर्यटनामध्ये खालीलपैकी कोणती वाहतूक व्यवस्था सर्वात स्वस्त व आरामदायी समजली जाते?

- अ. रस्ते वाहतूक
- ब. रेल्वे वाहतूक
- क. हवाई वाहतूक
- ड. जलवाहतूक

प्रश्न. 14-हवाई वाहतुकीच्या विकासामुळे खालीलपैकी कोणत्या प्रकारच्या पर्यटनाला चालना मिळाली आहे?

- अ. आंतरराष्ट्रीय
- ब. देशांतर्गत
- क. स्थानिक
- ड. प्रादेशिक

प्रश्न. 15-वाहतूक सोयींचा अभाव असणाऱ्या देशात पर्यटनाचा विकास खालीलपैकी कोणत्या स्वरूपाचा दिसून येतो?

- अ. जास्त विकास
- ब. कमी विकास
- क. विकासाचा
- ड. पूर्णपणे विकसित

प्रश्न. 16-खालीलपैकी कोणत्या घटकांमुळे लोकांचे राहणीमान सुधारत जाऊन लोकांचा पर्यटन करण्याकडे कल वाढतो?

- अ. औद्योगीकरण
- ब. व्यापार वृद्धि
- क. शेती विकास
- ड. वरील सर्व

प्रश्न. 17-भारतामध्ये सर्वाधिक परदेशी पर्यटक खालीलपैकी कोणत्या मुख्य कारणामुळे मुंबईमध्ये येतात?

- अ. औद्योगिक व व्यापारी विकास
- ब. नागरी क्षेत्राचा विकास
- क. आर्थिक राजधानीचे ठिकाण



ड. वरील सर्व

प्रश्न. 18-पर्यटनावर भौगोलिक, इतिहासिक, सामाजिक, सांस्कृतिक, या घटकांबरोबरच खालीलपैकी कोणत्या इतर घटकांचाही परिणाम होतो?

अ. बदलती मानवी जीवनशैली व पर्यटकांच्या आवडी निवडी

ब. तांत्रिक प्रगती व पर्यटन सुविधा

क. मनोरंजनाच्या बदलत्या सोयी व आरोग्य

ड. वरील सर्व

प्रश्न. 19-रामोजी फिल्म सिटी खालील पैकी कोणत्या शहरात आहे?

अ. मुंबई

ब. हैदराबाद

क. बेंगलोर

ड. चेन्नई

प्रश्न. 20-खालील पैकी कोणत्या घटकांच्या आधारे पर्यटन चे वर्गीकरण करता येते.

अ. राष्ट्रीयत्वानुसार व कालावधीनुसार

ब. ऋतूनुसार व पर्यटक संख्येनुसार

क. वाहतूक प्रकार व पर्यटनाच्या स्वरूपानुसार

ड. वरील सर्व

प्रश्न. 21-पर्यटन व्यवसाय खालील पैकी कोणत्या प्रकारच्या सेवा वरती अवलंबून आहे?

अ. वाहतूक व निवास सेवा

ब. भोजन व मनोरंजन सेवा

क. खरेदी व इतर सेवा

ड. वरील सर्व

प्रश्न. 22- खालीलपैकी कोणत्या उद्देशाने पर्यटन केले जाते?

अ. आरोग्यासाठी व विश्रांतीसाठी

ब. प्रादेशिक सृष्टीसौंदर्य अनुभवण्यासाठी व समाधान, आनंद व मनोरंजनासाठी

क. नवीन प्रदेशाचा शोध घेण्यासाठी व संशोधनासाठी

ड. वरील सर्व

प्रश्न. 23-देशांतर्गत पर्यटक व आंतरराष्ट्रीय किंवा परदेशी पर्यटक अशी पर्यटकांचे वर्गीकरण खालीलपैकी कोणत्या आधारावर केले जाते?

अ. पर्यटनाचा कालावधी

ब. राष्ट्रीयत्व

क. पर्यटन वाहतूक साधने

ड. पर्यटनाचे उद्देश



प्रश्न.24-देशांतर्गत जी व्यक्ति स्वतःच्या निवासी ठिकाणापासून दुसऱ्या ठिकाणी प्रवास करते, सुविधांचा लाभ घेते व काही कालावधीत आपल्या मूळ ठिकाणी परत येते त्यास खालीलपैकी कोणत्या स्वरूपाचे पर्यटक म्हणतात?

- अ. परदेशी पर्यटक
- ब. विदेशी पर्यटक
- क. आंतरराष्ट्रीय पर्यटक
- ड. स्थानिक पर्यटक

प्रश्न. 25-पासपोर्ट, व्हिसा, आंतरराष्ट्रीय परवाना यासारखी परवानाधारक प्रवासी आपल्या देशा व्यतिरिक्त इतर देशांमध्ये प्रवास करत असल्यास त्यास खालील पैकी काय म्हणून ओळखतात?

- अ. विदेशी पर्यटक
- ब. स्वदेशी पर्यटक
- क. स्थानिक पर्यटक
- ड. परवानाधारक पर्यटक



Recent trends in Tourism and Recreation Geography

RESULT / MARK SHEET : 2022-2023

SR. NO. / ID	NAME OF THE STUDENT	MARKS (50)
1	MARADE MAHESH BALIRAM	46
2	GAVARI KAMINI RAVINDRA	46
3	KAMADI BEBI RAMDAS	30
4	POKALA JAGADISH MAHADU	44
5	PATIL TEJAS TANAJI	38
6	NAWALE RAHUL SAMPAT	46
7	BHANGARE AJAY SUDHAKAR	46
8	VHOGE BHIMA BALU	30
9	LAKHE RAVINDRA TUKARAM	44
10	ARAJ DARSHAN RAMESH	38
11	JADHAV SUSHANT RAVINDRA	38
12	LAKHAMBARE PUNDLIK MANGAL	46
13	BANDE DAMINI SANJAY	46
14	CHAVHAN ASHWINI BALU	30
15	GHARAT DHIRAJ SHANKAR	44
16	SHINGAVE BHARAT BHASKAR	38
17	HALKUNDE AKSHAY BALU	42
18	CHANDGIR HEMANT DASHRATH	46
19	KUNDE GANESH RAMDAS	46
20	TARMALE VIRAJ ANIL	42
21	VARKUTE VINOD RAMESH	46
22	KATHE RAMDAS SONAJI	44
23	VEHALE DHIRAJ MAHADU	42
24	UTEKAR SACHIN VASANT	46
25	HARAD DIPIKA BHASKAR	40
26	CHAUDHARI JAGDISH PRAKASH	46
27	BANGARE RAMESH KALURAM	46
28	HANDE OMKAR SATISHA	30
29	BURKULE SUMIT SANJAY	AB
30	GABHALE DIPAK MARUT	38
31	BINNAR MOHINI KISAN	46



32	BANGAR YOGESH ARUN	46
33	KODE AKASH KACHRU	30
34	WAGH CHHAYA RAMESH	46
35	VIDE JAGRUTI BHAI	46
36	LOHAR AMOL RAJAN	30
37	WAGHE MONIKA MADHUKAR	44
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41	PATIL RAHUL MANGAL	46
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48	SAWANT AMOL GURUNATH	46

Asst. Prof. Vishal S. Bhosale
(H.O.D. GEO. DEPT.)



Prof. Kailas Kalkate
(Principal)

Jeevandeep Shaikshanik Sanstha Po's
Art's, Commerce & Science College, Khardi
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Jeevandeep Shikshan Santha's Poi's
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(Only 30 Hours)

NOREGISTRATION FEES

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Contact :

Asst. prof. Vishal s. Bhosale { HOD } : 9920339256

Asst. Prof. Rajni Pardeshi : 7057586424

(Department of Geography)





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**Research Methodology and application of
techniques in Geography**

(30 Hrs. only)



Research Methodology and application of techniques in Geography

30 Hrs. Basic Certificate Course :

Syllabus :

1. Defining Research - importance of geographical research - types of research
In Geography.
2. Research design - and literature review
3. Research Hypothesis, Selection of sample and Sampling techniques
4. Nature and Type of Geographical data - Sources and Methods of data
Collection.
5. Analytical techniques in Geography for data analysis - Traditional and
Contemporary.
6. Principles in Report Writing

Exam : 50 Marks

(50 marks objective on theory)



❖ Course Objective :

- To Provide the Extra Curriculum Knowledge
- To provide Practical Knowledge with experience
- Other Career opportunities
- To Develop Self Confidence, Motivation
- Self-Startup

❖ Who can Do this ?

- FYBA / BSC - Geography
- SYBA / BSC - Geography
- TYBA / BSC - Geography
- M.A. / MSC - Geography

* (Note : Limited Student Batches are Available)





Jeevandeep Shikshan Sanstha's
Art's, Commerce and Science College, Khardi
Tal. Shahapur, Dist. Thane : 421601
(Affiliated to University of Mumbai)



30 Hrs. Basic Certificate course
Research Methodology and application of techniques in Geography
TIME TABLE : 2022-2023

SR. NO.	DAY	TIME	PAPER	NAME OF THE TEACHER
1	Monday	12:00PM TO 01:00PM	THEORY AND PRACTICAL	Asst. Prof. Vishal S. Bhosale
2	Tuesday			
3	Wednesday			
4	Thursday			
5	Friday			
6	Saturday			

Asst. Prof. Vishal S. Bhosale
(H.O.D. GEO. DEPT.)




Prof. Kailas Kalkate
Principal
Jeevandeep Shikshanik Sansstha Poi's
Art's, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.



Jeevandeep Shikshan Santha's
Art's, Commerce and Science College, Khardi
Tal. Shahapur, Dist. Thane : 421601
(Affiliated to University of Mumbai)



30 Hrs. Basic Certificate course Research Methodology and application of techniques in Geography ATTENDANCE SHEET : 2022-23

SR. NO. / ID	NAME OF THE STUDENT	DATE : FROM - 02 JANUARY 2023 TO 03 FEBRUARY 2023						REMARK	SIGN (TEACHER)
		01-Feb	02-Feb	03-Feb	TOTAL PRESENT DAYS	TOTAL ABSENT DAYS			
1	MARADE MAHESH BALIRAM	<u>Present</u>	<u>Present</u>	<u>Present</u>	30	00			
2	GAVARI KAMINI RAVINDRA	<u>Present</u>	<u>Present</u>	<u>Present</u>	28	02			
3	KAMADI BEBI RAMDAS	<u>Present</u>	<u>Present</u>	<u>Present</u>	30	00			
4	POKALA JAGADISH MAHADU	<u>Present</u>	<u>Present</u>	<u>Present</u>	30	00			
5	PATIL TEJAS TANAJI	<u>Present</u>	<u>Present</u>	<u>Present</u>	30	00			
6	NAWALE RAHUL SAMPAT	<u>Present</u>	<u>Present</u>	<u>Present</u>	30	00			
7	BHANGARE AJAY SUDHAKAR	<u>Present</u>	<u>Present</u>	<u>Present</u>	30	00			
8	VHOGE BHIMA BALU	<u>Present</u>	<u>Present</u>	<u>Present</u>	30	00			
9	LAKHE RAVINDRA TUKARAM	<u>Present</u>	<u>Present</u>	<u>Present</u>	30	00			
10	ARAJ DARSHAN RAMESH	<u>Present</u>	<u>Present</u>	<u>Present</u>	30	00			
11	JADHAV SUSHANT RAVINDRA	<u>Present</u>	<u>Present</u>	<u>Present</u>	30	00			
12	LAKHAMBARE PUNDLIK MANGAL	<u>Present</u>	<u>Present</u>	<u>Present</u>	30	00			
13	BANDE DAMINI SANJAY	<u>Present</u>	<u>Present</u>	<u>Present</u>	29	01			
14	CHAVHAN ASHWINI BALU	<u>Present</u>	<u>Present</u>	<u>Present</u>	28	02			
15	GHARAT DHIRAJ SHANKAR	<u>Present</u>	<u>Present</u>	<u>Present</u>	29	01			



SR. NO. / ID	NAME OF THE STUDENT	DATE : FROM - 02 JANUARY 2023 TO 03 FEBRUARY 2023						REMARK	SIGN (TEACHER)
		01-Feb	02-Feb	03-Feb	TOTAL PRESENT DAYS	TOTAL ABSENT DAYS			
16	SHINGAVE BHARAT BHASKAR	Sh	Sh	Sh	30	00			
17	HALKUNDE AKSHAY BALU	AK	AK	AK	23	07			
18	CHANDGIR HEMANT DASHRATH	Hemant	Hemant	Hemant	23	07			
19	MAHALUNGE AJAY PRAVIN	Ajay	Ajay	Ajay	30	00			
20	KHADE AKSHAY MARUTI	AK	AK	AK	00	30			
21	KUNDE GANESH RAMDAS	AK	AK	AK	00	30			
22	TARMALE VIRAJ ANIL	Viraj	Viraj	Viraj	30	00			
23	VARKUTE VINOD RAMESH	Varkute	Varkute	Varkute	30	00			
24	KATHE RAMDAS SONAJI	Kathe	Kathe	Kathe	30	00			
25	VEHALE DHIRAJ MAHADU	DmV	DmV	DmV	26	04			
26	UTEKAR SACHIN VASANT	Sachin	Sachin	Sachin	29	01			
27	HARAD DIPIKA BHASKAR	HR	HR	HR	30	00			
28	CHAUDHARI JAGDISH PRAKASH	Jagdish	Jagdish	Jagdish	30	00			
29	BANGARE RAMESH KALURAM	Bangare	Bangare	Bangare	30	00			
30	HANDE OMKAR SATISHA	Hande	Hande	Hande	30	00			
31	BURKULE SUMIT SANJAY	Burkule	Burkule	Burkule	23	07			
32	GABHALE DIPAK MARUT	Gabha	Gabha	Gabha	30	00			
33	GABHALE VAIBHAV PANDURANG	Vaibhav	Vaibhav	Vaibhav	27	03			
34	BINNAR MOHINI KISAN	Binnar	Binnar	Binnar	27	03			
35	BANGAR YOGESH ARUN	YB	YB	YB	30	00			
36	KODE AKASH KACHRU	Kode	Kode	Kode	24	06			
37	WAGH CHHAYA RAMESH	Wagh	Wagh	Wagh	30	00			
38	GAGE AKANKSHA PANDHARINATH	Akanksha	Akanksha	Akanksha	22	08			
39	AVHAD SAMADHAN BHIVAJI	AB	AB	AB	00	30			



SR. NO. / ID	NAME OF THE STUDENT	DATE : FROM - 02 JANUARY 2023 TO 03 FEBRUARY 2023					
		01-Feb	02-Feb	03-Feb	TOTAL PRESENT DAYS	TOTAL ABSENT DAYS	REMARK
40	VIDE JAGRUTI BHAI	Guide	Guide	Guide	30	00	
41	LOHAR AMOL RAJAN	Amol	Amol	Amol	28	02	
42	WAGHE MONIKA MADHUKAR	Monika	Monika	Monika	00	30	
43	KHADE CHINMAY RAJENDRA	Khade	Khade	Khade	30	00	
44	SARKHOT PRATIKSHA MANOJ	AB	AB	AB	00	30	
45	DURGUDE KALYANI CHANDRAKANT	AB	AB	AB	21	09	
46	DESALE BHUSHAN JANARDHAN	Desale	Desale	Desale	30	00	
47	PATIL RAHUL MANGAL	R.Patil	R.Patil	R.Patil	29	01	
48	GODE MONIKA KISAN	Gode	Gode	Gode	30	00	
49	SABALE YOGITA GULCHAND	Yogita	Yogita	Yogita	28	02	
50	DESALE HIRAJI KAMLAKAR	Desale	Desale	Desale	30	00	
51	NADEKAR VALMIKI GANGARAM	V.G.N	V.G.N	V.G.N	30	00	
52	FARDE DHANAJI YASHAWANT	Farde	Farde	Farde	30	00	
53	BHANGARE VIKAS GOGA	Bhangare	Bhangare	Bhangare	30	00	
54	GABHALE BALU NIVRUTTI	Gabhaile	Gabhaile	Gabhaile	27	03	
55	SAWANT AMOL GURUNATH	Sawant	Sawant	Sawant	30	00	



(भूगोलातील संशोधन पद्धती आणि तंत्रांचा वापर)

Time - 60 min.

Mark's -50

प्रश्न : पुढील बहुपर्यायी प्रश्नांची उत्तरे लिहा.

1. संशोधन म्हणजे?
 - (A) पुन्हा पुन्हा शोधणे
 - (B) कोणत्याही समस्येवर उपाय शोधणे
 - (C) कोणत्याही समस्येचे सत्य शोधण्यासाठी वैज्ञानिक मार्गाने कार्य करणे
 - (D) वरीलपैकी नाही
2. संशोधनातील एक सामान्य चाचणी
 - (A) विश्वासाहता
 - (B) उपयोगिता
 - (C) वस्तुनिष्ठता
 - (D) वरील सर्व गोष्टींना प्राधान्य देते.
3. शून्य गृहितक
 - (A) जेव्हा चलांमध्ये फरक नसतो
 - (B) संशोधन गृहीतके सारखा असतो
 - (C) स्वभावातील व्यक्तिनिष्ठ
 - (D) जेव्हा चलांमध्ये फरक असतो
4. कृती-संशोधन हे आहे:
 - (A) एक उपयोजित संशोधन
 - (B) तात्काळ समस्या सोडवण्यासाठी केलेले संशोधन
 - (C) अनुदैर्घ्य संशोधन
 - (D) वरील सर्व
5. गैर-संभाव्यता नमुना कोणते म्हणतात?
 - (A) क्लस्टर नमुना
 - (B) कोटा नमुना
 - (C) पद्धतशीर नमुना
 - (D) स्तरीकृत यादृच्छिक नमुना
6. संशोधनाचे खालीलप्रमाणे वर्गीकरण केले जाऊ शकते
 - (A) मूलभूत, उपयोजित आणि कृती संशोधन
 - (B) तात्विक, ऐतिहासिक, सर्वेक्षण आणि प्रायोगिक संशोधन
 - (C) परिमाणात्मक आणि गुणात्मक संशोधन
 - (D) वरील सर्व



7. संशोधन अहवालात दिलेली ग्रंथसूची
 - (A) संशोधकाचे अफाट ज्ञान दाखवते
 - (B) पुढील संशोधनात स्वारस्य असलेल्यांना मदत करते
 - (C) संशोधनाशी काहीही संबंध नाही
 - (D) वरील सर्व
8. वैज्ञानिक संशोधनाचे मुख्य वैशिष्ट्य म्हणजे
 - (A) अनुभवजन्य
 - (B) सैद्धांतिक
 - (C) प्रायोगिक
 - (D) वरील सर्व
9. संशोधन निष्कर्षाची सत्यता आहे
 - (A) मौलिकता
 - (B) वैधता
 - (C) वस्तुनिष्ठता
 - (D) वरील सर्व
10. लोकसंख्या मर्यादित असताना सामान्यतः कोणते तंत्र अवलंबले जाते?
 - (A) एरिया सॅम्पलिंग तंत्र
 - (B) उद्देशपूर्ण नमुना तंत्र
 - (C) पद्धतशीर नमुना तंत्र
 - (D) वरीलपैकी नाही
11. संशोधन प्रक्रिया सुरू करण्यासाठी खालीलपैकी कोणती पहिली पायरी आहे?
 - (A) समस्या शोधण्यासाठी माहितीचे स्रोत शोधत आहे.
 - (B) संबंधित साहित्याचे सर्वेक्षण
 - (C) समस्येची ओळख
 - (D) समस्येवर उपाय शोधणे
12. संशोधनाची वस्तुनिष्ठता कशी वाढवता येईल?
 - (A) त्याच्या निःपक्षपातीपणाद्वारे
 - (B) त्याच्या विश्वासाहतेद्वारे
 - (C) त्याच्या वैधतेद्वारे
 - (D) सर्व
13. प्रायोगिक संशोधनात आवश्यक नसलेली प्रक्रिया अशी आहे
 - (A) निरीक्षण
 - (B) हाताळणी आणि प्रतिकृती
 - (C) नियंत्रण
 - (D) संदर्भ संकलन
14. एका संशोधन अहवालात दिलेली ग्रंथसूची
 - (A) संशोधकाचे अफाट ज्ञान दाखवते
 - (B) पुढील संशोधनात स्वारस्य असलेल्यांना मदत करते



- (C) संशोधनाशी संबंधित नाही
(D) सर्व

15. हि प्राथमिक माहिती संकलन पद्धत आहे

- (A) मुलाखत पद्धत
(B) प्रश्नावली पद्धत
(C) अनुसूची पद्धत
(D) सर्व

16. संशोधन करता आपल्या अध्ययन विषयाची माहिती कोणत्या स्रोतांद्वारे संकलित करतो.

- (A) निरीक्षण
(B) प्रश्नावली
(C) मुलाखत
(D) वरील सर्व

17. ----- या पद्धतीचा वापर प्रामुख्याने क्षेत्रीय निवडी करता केला जातो.

- (A) ग्रीड पद्धती
(B) तिकीट पद्धत
(C) लॉटरी पद्धत
(D) कार्ड पद्धत

18. संशोधन करत असताना कल्पनाशक्तीचा उपयोग न करता ----- पद्धतीचा अवलंब करावा लागतो.

- (A) नमुना निवड
(B) वैज्ञानिक
(C) संशोधन
(D) मुलाखत

19. खालीलपैकी कोणता सरासरीचा प्रकार नाही.

- (A) मध्यगा
(B) बहुलक
(C) प्रमाण विचलन विचलन
(D) वर्तुळ

19. संगणकातील ----- या एप्लीकेशन द्वारे संशोधन कार्यातील अनेक प्रश्न सहज



सोडवले जातात.

- (A) Power point.
- (B) M. S. Excel.
- (C) M.S. office
- (D) PPT

20. खालीलपैकी कोणता संशोधनाचा प्रकार नाही.

- (A) उपयोजित संशोधन
- (B) प्रयोगात्मक संशोधन
- (C) मौखिक संशोधन
- (D) ऐतिहासिक संशोधन

21. ----- पद्धती ही लोकप्रिय पद्धत आहे.

- (A) संकलन
- (B) निरीक्षण
- (C) मौखिक
- (D) प्रात्यक्षिक

23. माहितीचे विश्लेषण किती पद्धतीने केले जाते.

- (A) दोन
- (B) तीन
- (C) एक
- (D) चार

24. खालीलपैकी कोणती संशोधनाची शास्त्रीय पायरी नाही.

- (A) वर्गीकरण
- (B) आराखडा
- (C) अहवाल लेखन
- (D) क्रियात्मक

25. GIS चे दीर्घ रूप काय आहे?

- (A) Geographical Information System
- (B) Google Information System
- (C) Global Information System
- (D) Group Information System



Research Methodology and application of techniques in Geography

RESULT / MARK SHEET : 2022-2023

SR. NO. / ID	NAME OF THE STUDENT	MARKS (50)
1	MARADE MAHESH BALIRAM	40
2	GAVARI KAMINI RAVINDRA	40
3	KAMADI BEBI RAMDAS	42
4	POKALA JAGADISH MAHADU	40
5	PATIL TEJAS TANAJI	46
6	NAWALE RAHUL SAMPAT	46
7	BHANGARE AJAY SUDHAKAR	40
8	VHOGE BHIMA BALU	42
9	LAKHE RAVINDRA TUKARAM	38
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11	JADHAV SUSHANT RAVINDRA	38
12	LAKHAMBARE PUNDLIK MANGAL	38
13	BANDE DAMINI SANJAY	40
14	CHAVHAN ASHWINI BALU	46
15	GHARAT DHIRAJ SHANKAR	46
16	SHINGAVE BHARAT BHASKAR	38
17	HALKUNDE AKSHAY BALU	42
18	CHANDGIR HEMANT DASHRATH	46
19	MAHALUNGE AJAY PRAVIN	46
20	KHADE AKSHAY MARUTI	AB
21	KUNDE GANESH RAMDAS	AB
22	TARMALE VIRAJ ANIL	44
23	VARKUTE VINOD RAMESH	42
24	KATHE RAMDAS SONAJI	46
25	VEHALE DHIRAJ MAHADU	40
26	UTEKAR SACHIN VASANT	40
27	HARAD DIPIKA BHASKAR	40
28	CHAUDHARI JAGDISH PRAKASH	38



29	BANGARE RAMESH KALURAM	40
30	HANDE OMKAR SATISHA	40
31	BURKULE SUMIT SANJAY	30
32	GABHALE DIPAK MARUT	38
33	GABHALE VAIBHAV PANDURANG	38
34	BINNAR MOHINI KISAN	44
35	BANGAR YOGESH ARUN	40
36	KODE AKASH KACHRU	38
37	WAGH CHHAYA RAMESH	42
38	GAGE AKANKSHA PANDHARINATH	48
39	AVHAD SAMADHAN BHIVAJI	AB
40	VIDE JAGRUTI BHAU	42
41	LOHAR AMOL RAJAN	40
42	WAGHE MONIKA MADHUKAR	AB
43	KHADE CHINMAY RAJENDRA	30
44	SARKHOT PRATIKSHA MANOJ	AB
45	DURGUDE KALYANI CHANDRAKANT	40
46	DESALE BHUSHAN JANARDHAN	30
47	PATIL RAHUL MANGAL	38
48	GODE MONIKA KISAN	42
49	SABALE YOGITA GULCHAND	40
50	DESALE HIRAJI KAMLAKAR	30
51	NADEKAR VALMIKI GANGARAM	38
52	FARDE DHANAJI YASHAWANT	34
53	BHANGARE VIKAS GOGA	40
54	GABHALE BALU NIVRUTTI	46
55	SAWANT AMOL GURUNATH	40

Asst. Prof. Vishal S. Bhosale
(H.O.D. GEO. DEPT.)



Prof. Kailas Kalkate
(Principal)

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DEPARTMENT OF GEOGRAPHY



Basic Certificate Course of

INTRODUCTION TO GPS : A GLOBAL POSITION SYSTEM

STARTED FROM MONTH OF FEBRUARY : 2022

(Only 30 Hours)

No Registration Fees

Register now

Contact :

Asst. prof. Vishal s. Bhosale { HOD } : 9920339256

Asst. Prof. Rajni Pardeshi : 7057586424

(Department of Geography)





Jeevandeep Shikshan Santha's Poi's
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DEPARTMENT OF GEOGRAPHY



Basic Certificate Course of

INTRODUCTION TO GPS : A GLOBAL POSITION SYSTEM



Course Objective :

- To Provide the Extra Curriculum Knowledge
- To provide Practical Knowledge with experience
- Scope of other Geographical Career opportunities
- To Develop Self Confidence, Motivation
- Self-Startup

Who can Do this?

(All Students from Any Faculty and Class of UG and PG Level)

- Art's
- Commerce
- Commerce (BAF)
- Science
- Science (BSc-IT)
- any other programs

Data Provided :

- Free Copy Of GPS Data Transmission Software's
- Videos Link's
- User Guideline pdf.

* (Note : Limited Student Batch)



30 Hrs. Basic Certificate course :

INTRODUCTION TO GPS : A GLOBAL POSITION SYSTEM

- **Syllabus :**

A} Theory :

1. Introduction to GPS
2. Concept & Basic Components of GPS
3. Techniques of GPS
4. Types of GPS
5. GPS Segment
6. GPS Data Collection and error

B} Hand on Practical :

1. GPS Functions and POI Collection
2. GPS Data Transmission to Computer
3. Use of Easy GPS Software

Exam : 50 Marks

(30 marks objective on theory + 20 marks Practical).





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Art's, Commerce and Science College, Khardi
Tal. Shahapur, Dist. Thane : 421601
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30 Hrs. Basic Certificate course
GPS - A GEOGRAPHICAL POSITIONING SYSTEM

TIME TABLE : 2022-2023

SR. NO.	DAY	TIME	PAPER	NAME OF THE TEACHER
1	Monday	12:00PM TO 01:00PM	THEORY	Asst. Prof. Vishal S. Bhosale
2	Tuesday			
3	Wednesday			
4	Thursday			
5	Friday		PRACTICAL	
6	Saturday			

Asst. Prof. Vishal S. Bhosale
(H.O.D. GEO. DEPT.)



(Signature)

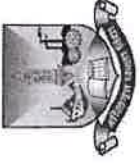
Prof. Kailas Kalkate

Principal

Jeevandeep Shikshan Sanstha Po's
Art's, Commerce & Science College, Khardi
Khardi, Tal. Shahapur, Dist. Thane 421601.



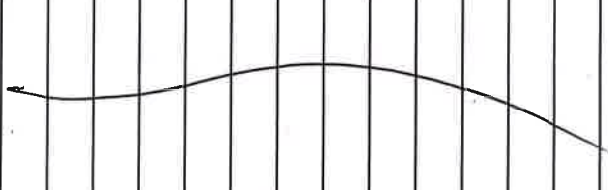
Jeevandeep Shikshan Sanstha's
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Tal. Shahapur, Dist. Thane : 421601
(Affiliated to University of Mumbai)



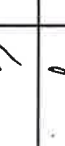
30 Hrs. Basic Certificate course
GPS - A GEOGRAPHICAL POSITIONING SYSTEM
ATTENDANCE REPORT : 2022-23

SR. NO. / ID	NAME OF THE STUDENT	DATE : FROM - 13 FEBRUARY 2023 TO 02 MARCH 2023			REMARK	SIGN (TEACHER)
		TOTAL PRESENT DAYS	TOTAL ABSENT DAYS			
1	MARADE MAHESH BALIRAM	15	00			
2	GAVARI KAMINI RAVINDRA	15	00			
3	KAMADI BEBI RAMDAS	15	00			
4	POKALA JAGADISH MAHADU	15	00			
5	PATIL TEJAS TANAJI	15	00			
6	NAWALE RAHUL SAMPAT	15	00			
7	BHANGARE AJAY SUDHAKAR	15	00			
8	VHOGE BHIMA BALU	14	01			
9	LAKHE RAVINDRA TUKARAM	15	00			
10	ARAJ DARSHAN RAMESH	14	01			
11	JADHAV SUSHANT RAVINDRA	15	00			
12	LAKHAMBARE PUNDLIK MANGAL	15	00			
13	BANDE DAMINI SANJAY	13	02			
14	CHAVHAN ASHWINI BALU	14	01			
15	GHARAT DHIRAJ SHANKAR	15	00			



SR. NO. / ID	NAME OF THE STUDENT	DATE : FROM - 13 FEBRUARY 2023 TO 02 MARCH 2023			
		TOTAL PRESENT DAYS	TOTAL ABSENT DAYS	REMARK	SIGN (TEACHER)
16	SHINGAVE BHARAT BHASKAR	15	00		
17	HALKUNDE AKSHAY BALU	15	00		
18	CHANDGIR HEMANT DASHRATH	15	00		7
19	MAHALUNGE AJAY PRAVIN	15	00		
20	TARMALE VIRAJ ANIL	14	01		
21	VARKUTE VINOD RAMESH	13	02		
22	KATHE RAMDAS SONAJI	15	00		
23	VEHALE DHIRAJ MAHADU	15	00		
24	UTEKAR SACHIN VASANT	15	00		
25	HARAD DIPIKA BHASKAR	15	00		
26	CHAUDHARI JAGDISH PRAKASH	15	00		
27	BANGARE RAMESH KALURAM	15	00		
28	HANDE OMKAR SATISHA	15	00		
29	BURKULE SUMIT SANJAY	15	00		
30	GABHALE DIPAK MARUT	15	00		
31	GABHALE VAIBHAV PANDURANG	14	01		
32	BINNAR MOHINI KISAN	11	04		
33	BANGAR YOGESH ARUN	15	00		
34	KODE AKASH KACHRU	15	00		
35	WAGH CHHAYA RAMESH	15	00		
36	VIDE JAGRUTI BHAU	15	00		
37	LOHAR AMOL RAJAN	15	00		
38	WAGHE MONIKA MADHUKAR	15	00		
39	KHADE CHINMAY RAJENDRA	15	00		



SR. NO. / ID	NAME OF THE STUDENT	DATE : FROM - 13 FEBRUARY 2023 TO 02 MARCH 2023					
		TOTAL PRESENT DAYS		TOTAL ABSENT DAYS		REMARK	SIGN (TEACHER)
40	SARKHOT PRATIKSHA MANOJ	15			00		
41	DURGUDE KALYANI CHANDRAKANT	15			00		
42	DESALE BHUSHAN JANARDHAN	15			00		
43	PATIL RAHUL MANGAL	15			00		
44	GODE MONIKA KISAN	15			00		
45	SABALE YOGITA GULCHAND	15			00		
46	DESALE HIRAJI KAMLAKAR	15			00		
47	NADEKAR VALMIKI GANGARAM	11			04		
48	FARDE DHANAJI YASHAWANT	15			00		
49	BHANGARE VIKAS GOGA	15			00		
50	GABHALE BALU NIVRUTTI	15			00		
51	SAWANT AMOL GURUNATH	15			00		



Time - 60 min.

Mark's -50

टीप : 1. सर्व प्रश्न समान गूण दर्शवतात

2. प्रत्येक प्रश्नास २ गूण आहेत

टीप : 1. सर्व प्रश्न समान गूण दर्शवतात.

भाग : 1 - लघुत्तरी प्रश्न

प्रश्न : पुढील प्रश्नांची उत्तरे लिहा. (कोणतेही तीन)

30 Marks

1. जि. पी. एस. चे प्रकार थोडक्यात स्पष्ट करा.
2. जि. पी. एस. कार्यप्रणाली थोडक्यात विशद करा.
3. जि. पी. एस. ची वैशिष्ट्ये थोडक्यात विशद करा.
4. जि. पी. एस. कार्यप्रणालीवर परिणाम करणारे घटक थोडक्यात विशद करा.

भाग : 2 - प्रात्यक्षिक

प्रश्न : पुढील प्रश्न सोडावा. (कोणतेही दोन)

20 Marks

1. जि. पी. एस. च्या साहाय्याने क्षेत्रफल काढा.
2. जि. पी. एस. च्या साहाय्याने बिंदू, रेषा व बहुभुज तयार करून नकाशा तयार करा.
3. जि. पी. एस. च्या साहाय्याने दिलेल्या पाच ठिकाणांचे स्थान निश्चित करा व Easy GPS च्या साहाय्याने नकाशा तयार करा.



GPS - A GEOGRAPHICAL POSITIONING SYSTEM

RESULT / MARK SHEET : 2022-2023

SR. NO. / ID	NAME OF THE STUDENT	MARKS		
		THEORY (30)	PRACTICAL (20)	TOTAL (50)
1	MARADE MAHESH BALIRAM	28	20	48
2	GAVARI KAMINI RAVINDRA	26	20	46
3	KAMADI BEBI RAMDAS	22	18	40
4	POKALA JAGADISH MAHADU	20	19	39
5	PATIL TEJAS TANAJI	20	20	40
6	NAWALE RAHUL SAMPAT	23	16	39
7	BHANGARE AJAY SUDHAKAR	25	18	43
8	VHOGE BHIMA BALU	26	16	42
9	LAKHE RAVINDRA TUKARAM	23	18	41
10	ARAJ DARSHAN RAMESH	28	20	48
11	JADHAV SUSHANT RAVINDRA	26	19	45
12	LAKHAMBARE PUNDLIK MANGAL	24	18	42
13	BANDE DAMINI SANJAY	25	20	45
14	CHAVHAN ASHWINI BALU	26	16	42
15	GHARAT DHIRAJ SHANKAR	24	16	40
16	SHINGAVE BHARAT BHASKAR	25	15	40
17	HALKUNDE AKSHAY BALU	26	16	42
18	CHANDGIR HEMANT DASHRATH	24	18	42
19	MAHALUNGE AJAY PRAVIN	26	20	46
20	TARMALE VIRAJ ANIL	29	16	45
21	VARKUTE VINOD RAMESH	27	20	47
22	KATHE RAMDAS SONAJI	26	16	42
23	VEHALE DHIRAJ MAHADU	24	20	44
24	UTEKAR SACHIN VASANT	26	17	43
25	HARAD DIPIKA BHASKAR	20	18	38
26	CHAUDHARI JAGDISH PRAKASH	26	19	45
27	BANGARE RAMESH KALURAM	24	18	42
28	HANDE OMKAR SATISHA	26	20	46
29	BURKULE SUMIT SANJAY	29	16	45
30	GABHALE DIPAK MARUT	27	20	47
31	GABHALE VAIBHAV PANDURANG	26	16	42
32	BINNAR MOHINI KISAN	26	20	46
33	BANGAR YOGESH ARUN	29	16	45
34	KODE AKASH KACHRU	27	20	47
35	WAGH CHHAYA RAMESH	26	16	42
36	VIDE JAGRUTI BHAU	24	20	44
37	LOHAR AMOL RAJAN	26	20	46
38	WAGHE MONIKA MADHUKAR	29	16	45



39	KHADE CHINMAY RAJENDRA	27	20	47
40	SARKHOT PRATIKSHA MANOJ	26	16	42
41	DURGUDE KALYANI CHANDRAKANT	24	20	44
42	DESALE BHUSHAN JANARDHAN	26	20	46
43	PATIL RAHUL MANGAL	29	16	45
44	GODE MONIKA KISAN	27	20	47
45	SABALE YOGITA GULCHAND	25	18	43
46	DESALE HIRAJI KAMLAKAR	26	16	42
47	NADEKAR VALMIKI GANGARAM	23	18	41
48	FARDE DHANAJI YASHAWANT	28	20	48
49	BHANGARE VIKAS GOGA	26	19	45
50	GABHALE BALU NIVRUTTI	24	18	42
51	SAWANT AMOL GURUNATH	28	20	48

Asst. Prof. Vishal S. Bhosale
(H.O.D. GEO. DEPT.)



Prof. Kailas Kalkate
(Principal)

Principal
Jeevandeep Shaikshanik Sanstha Po's
Art's, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.



Jeevandeep Shaikshnik Sansthas Poi's
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शॉर्ट टर्म कोर्सचा अहवाल - “कौशल्य विकास तसेच स्वयंरोजगार”

अभ्यास मंडळ 2022-23

Sr. No.	Designation	Name of Person
1.	Chairman	Prof. K.R.Kalkate (Principal)
2.	Member	Asst. Prof. Rasika Sakpal (H.O.D Economics Dept)
3.	Member	Prof. Mayuri Kamble(Expert) Jssp A/C/S college Goveli
4.	Member	Asst. Prof. Sharad Khakar
5.	Member	Asst. Prof. Vishal Bhosle (IQAC - Coordinator)



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सभेचे इतिवृत्त

आज दि.02/12/2022 रोजी दुपारी 12.00 वाजता "कौशल्य विकास तसेच स्वयंरोजगार" शॉर्ट टर्म कोर्से च्या बैठकीचे आयोजन करण्यात आले होते . या सभेसाठी अभ्यास मंडळातील सदस्य उपस्थित होते या सभेमध्ये खालील घटकावर चर्चा करण्यात आली.

1. "कौशल्य विकास तसेच स्वयंरोजगार" चा अभ्यासक्रम तयार करणे
2. कामाचा वाटप
3. विद्यार्थ्याला प्रोत्साहन
4. शॉर्ट टर्म कोर्सची परीक्षा

समन्वयक



Principal

Jeevandeep Shaikshnik Sansthas Poi's
Art's, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.

सदस्य



Jeevandeep Shaikshnik Sansthas Poi's
Arts, Commerce and Science College, Khardi
At Khardi, Tal. Shahapur, Dist. Thane-421601
(Affiliated to Mumbai University)

तारीख:- 09/12/2022

17/12/2022 पासून T.Y.B.A च्या सर्व विद्यार्थ्यांना कळविण्यात येत आहे की- "कौशल्य विकास तसेच स्वयंरोजगार" शॉर्ट टर्म कोर्सचा अभ्यासक्रम खालील वेळापत्रकानुसार आयोजित केला आहे. ज्या विद्यार्थ्या सहभाग घ्यायचा आहे त्यांनी प्रा. रसिका सकपाळ व शरद खाकर यांच्याशी संपर्क साधावा.

टीप- मर्यादित जागा उपलब्ध.

अभ्यासक्रम सुरू करण्याची तारीख - 17/12/2022

दिवस - शनिवार

विभाग प्रमुख



Principal

Jeevandeep Shaikshnik Sanstha Poi's
Art's, Commerce & Science College, Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.



Jeevandeep Shaikshnik Sansthas Poi's
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“कौशल्य विकास तसेच स्वयंरोजगार” कॉर्ससाठी अभ्यासक्रम

दिवस १ : कौशल्य विकास आणि स्वयंरोजगाराचा परिचय
अभ्यासक्रमाची उद्दिष्टे
आजच्या अर्थव्यवस्थेत कौशल्य विकास आणि स्वयंरोजगाराचे महत्त्व
विविध कौशल्य संच आणि उद्योजक संधी यावर चर्चा

दिवस २ : तुमची कौशल्ये आणि स्वारस्ये ओळख.
वैयक्तिक कौशल्ये आणि स्वारस्ये ओळखण्यासाठी स्व-मूल्यांकन
स्वयंरोजगारासाठी आपल्या सामर्थ्याचा फायदा कसा घ्यावा हे समजून घेणे

दिवस 4: व्यवसाय नियोजनाच्या मूलभूत गोष्टी
व्यवसाय नियोजन प्रक्रियेचा आढावा
हँड्स-ऑन सत्र: एक साधा व्यवसाय मॉडेल कॅनव्हास विकसित करणे

दिवस 5: कायदेशीर आणि नियामक पैलू
व्यवसायांसाठी कायदेशीर संरचनांचा परिचय (एकल मालकी, भागीदारी, एलएलपी इ.)
विविध प्रकारच्या व्यवसायांसाठी आवश्यक परवाने आणि परवानग्या समजून घेणे
अतिथी व्याख्यान

दिवस 6: उद्योजकांसाठी आर्थिक व्यवस्थापन
लहान व्यवसायांसाठी आर्थिक व्यवस्थापनाची मूलभूत माहिती
उत्पन्न, खर्च आणि रोख प्रवाह समजून घेणे
मूलभूत लेखा तत्वांचा परिचय

दिवस 7: स्वयं-रोजगारासाठी विपणन धोरणे
विपणन संकल्पना आणि धोरणांचे विहंगावलोकन
तुमच्या व्यवसायासाठी विपणन योजना विकसित करणे
डिजिटल मार्केटिंगची मूलभूत माहिती आणि उद्योजकांसाठी ऑनलाइन उपस्थिती

दिवस 8: ग्राहक संबंध व्यवस्थापन
ग्राहक संबंध व्यवस्थापनाचे महत्त्व (CRM)
ग्राहक संबंध निर्माण आणि राखण्यासाठी धोरणे
भूमिका बजावण्याचे व्यायाम: ग्राहकांच्या चौकशी आणि तक्रारी हाताळणे

दिवस 9: विक्री तंत्र आणि वाटाघाटी कौशल्ये
सेल्समनशिप आणि विक्री तंत्राची मूलभूत माहिती
उद्योजकांसाठी प्रभावी वाटाघाटी कौशल्ये

दिवस 10: वेळचे व्यवस्थापन
व्यवसाय ऑपरेशन्स आणि प्रक्रिया व्यवस्थापन समजून घेणे
उद्योजकांसाठी वेळचे व्यवस्थापन तंत्र
व्यवसाय ऑपरेशन्स सुव्यवस्थित करण्यासाठी साधने आणि संसाधने



दिवस 11: जोखीम व्यवस्थापन आणि आकस्मिक नियोजन
तुमच्या व्यवसायातील संभाव्य धोके ओळखणे
जोखीम कमी करण्यासाठी आणि आकस्मिक योजना विकसित करण्यासाठी धोरणे
जोखीम व्यवस्थापन तज्ञांचे अतिथी व्याख्यान
दिवस 12: स्टार्टअपसाठी निधी पर्याय

स्टार्टअपसाठी विविध निधी स्रोतांचे विहंगावलोकन (बूटस्ट्रॅपिंग, कर्ज, गुंतवणूकदार इ.)
सरकारी योजनांचा परिचय आणि उद्योजकांसाठी अनुदान

दिवस 13: तुमची ब्रँड ओळख निर्माण करणे
लहान व्यवसायांसाठी ब्रँडिंगचे महत्त्व
ब्रँड ओळख आणि पोजिशनिंग धोरण विकसित करणे.

दिवस 14: तुमचा व्यवसाय सुरू करणे
तुमची व्यवसाय योजना अंतिम करणे आणि
लॉन्च करण्यापूर्वी कायदेशीर आणि आर्थिक विचार
यशस्वी उद्योजकांचे पाहुणे व्याख्यान त्यांचे लॉन्चिंग अनुभव शेअर करत आहेत

दिवस 15: पुनरावलोकन
कोर्स दरम्यान समाविष्ट असलेल्या प्रमुख संकल्पनांचा आढावा.
वैयक्तिक शिक्षण आणि वाढ यावर प्रतिबिंब.
कृती नियोजन: ध्येय निश्चित करणे आणि तुमचा स्वतःचा उपक्रम सुरू करण्यासाठी पुढील पायऱ्या





JEEVANDEEP SHAIKSHANIK SANSTHA'S POI'S ARTS, COMMERCE & SCIENCE COLLEGE

(Affiliated to Mumbai University)

Mumbai University Affiliation No. Aff / Recog. /6403 of 2008 dt. 17th Oct. 2008
Govt. of Maharashtra Order No. NGC 2008 / (218 / 08) MS - 3, dt. 16/6/2008

Khardi (E), Tal. Shahapur, Dist. Thane Pin 421 601. • Website : www.jsspcollegekhardi.in • Email: jeevandeepkhardi@gmail.com

Ref. : JSSP/ACSK / _____ /

Date : _____

शॉर्ट टर्म कोर्स - "कौशल्य विकास तसेच स्वयंरोजगार" निकाल 2021-2022

Sr. No.	Roll No	Student Name	Class	Marks
1.	227238	BHAKARE VIKAS PRAKASH	TYBA	19
2	227217	GHARAT ROHAN VILAS	TYBA	20
3.	227214	DUBHELE MANOJ BALU	TYBA	17
4.	227201	RATHOD RAJU KISAN	TYBA	15
5.	227227	VIR ROHIT SHIVRAM	TYBA	22
6.	227210	WATADE KAILASH SANJAY	TYBA	14
7.	227258	WATADE GURUNATH DATTATRAY	TYBA	18
8.	227253	PARDHI SAGAR SANJAY	TYBA	24
9.	227207	BANGAR VISHAL MARUTI	TYBA	21
10.	227259	JADHAV ROHINI SANJAY	TYBA	16
11.	227216	KHAMBAYAT BHAGYASHREE SUKHADEV	TYBA	18
12.	227232	KIRVE ASHWINI BALU	TYBA	22
13.	227217	GHARAT ROHAN VILAS	TYBA	12
14.	227214	DUBHELE MANOJ BALU	TYBA	20
15.	227201	RATHOD RAJU KISAN	TYBA	19
15.	227227	VIR ROHIT SHIVRAM	TYBA	14
17.	227210	WATADE KAILASH SANJAY	TYBA	18
18.	227258	WATADE GURUNATH DATTATRAY	TYBA	10
19.	227247	KADU ANJALI RAGHUNATH	TYBA	23



20.	227228	SARKHOT SWATI NARAYAN	TYBA	19
21.	227240	SARKHOT VISHAL NARAYAN	TYBA	16
22.	227231	BHANDKOLI SUREKHA MINANATH	TYBA	18
23.	227248	BHAGAT DHANSHRI SOMNATH	TYBA	17
24.	227249	BHOIR PRIYANKA SANJAY	TYBA	15
25.	227204	NAIK RITIKA RAJU	TYBA	19
26.	227215	AMBAVANE VIKAS DNYANEESWAR	TYBA	17
27.	227236	DAGALE JIVAN KASHINATH	TYBA	15
28.	227243	BHOIR PRIYA DIGAMBAR	TYBA	19
29.	227241	KOTWAL ALISHA DILDAR	TYBA	14
30.	227213	KORDE DNYANDIP HIRAMAN	TYBA	15
31.	227224	ZINJAL KARTIKI VASUDEV	TYBA	17
32.	227206	PATIL DARSHAN SANJAY	TYBA	19
33.	227222	BHOIR SAMIR DILIP	TYBA	20
34.	227223	BHOIR KISHORI VASUDEV	TYBA	15
35.	227234	ZINJAL GANESH JAYARAM	TYBA	20
36.	227245	BINNAR ASHA VITTHAL	TYBA	13
37.	227212	DHADWAD VASHANT GANPAT	TYBA	19
38.	227257	PANDHARE VIKAS SAVLARAM	TYBA	15
39.	227205	SHENDE MAYUR DATTATRAY	TYBA	24
40.	227233	VEKHANDE SAKSHI SANTOSH	TYBA	18
41.	227225	DAGALE AJAY RAMDAS	TYBA	15
42.	227230	IRNAK GANESH SOMAJI	TYBA	12
43.	227209	IRNAK GANESH SOMAJI	TYBA	18
44.	227202	VANGAD TUSHAR TULSHIRAM	TYBA	17
45.	227242	BHOIR NITESH BHASKAR	TYBA	16
46.	227203	BINNAR HARIDAS KANTARAM	TYBA	16
47.	227235	DEVARE RENUKA SURYAKANT	TYBA	14
48.	227226	ANSARI AMIR PANMOHAMMAD	TYBA	11



49.	227239	SHINGADA DIPAK YASHWANT	TYBA	18
50.	227208	KADALE PRAKASH BUDHA	TYBA	23
51.	227220	SHINDE SANDHYA KAILAS	TYBA	19



A handwritten signature in blue ink, appearing to be "J. M." with a flourish.

Principal

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Jeevandeep Shaikshnik Sansthas Poi's
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At Khardi, Tal. Shahapur, Dist. Thane-421601
(Affiliated to Mumbai University)

“कौशल्य विकास तसेच स्वयंरोजगार परीक्षा”

Time- 10:00 – 11:00 AM

Marks- 25

Name of Student -

Date-.....

Roll No-.....

Class-.....

1. खालीलपैकी कोणते पाऊल स्वयंरोजगारासाठी आवश्यक नाही?
 - a) उद्योजकीय संधी ओळखणे
 - b) व्यवसाय योजना तयार करणे
 - c) प्रस्थापित कंपन्यांमध्ये नोकरी शोधणे
 - d) आवश्यक कौशल्ये आत्मसात करणे
2. कौशल्य विकास कार्यक्रमांचे प्राथमिक उद्दिष्ट काय आहे?
 - a) बेरोजगारीचा दर वाढणे
 - b) संबंधित कौशल्य असलेल्या व्यक्तींना सक्षम करणे
 - c) कामगारांची उत्पादकता कमी करणे
 - d) सामाजिक कल्याणावर अवलंबित्व वाढवणे
3. यशस्वी उद्योजकतेसाठी खालीलपैकी कोणते आवश्यक आहे?
 - a) जोखीम घेण्याची भीती
 - b) स्थिर मानसिकता
 - c) अनुकूलता आणि नाविन्य
 - d) केवळ बाह्य निधीवर अवलंबून राहणे.
4. स्वयंरोजगारामध्ये आत्मविश्वास कोणती भूमिका बजावतो?
 - a) ते असंबद्ध आहे
 - b) तो यशाचा अडथळा आहे
 - c) आव्हानांवर मात करण्यासाठी हे महत्त्वाचे आहे
 - d) यामुळे अतिआत्मविश्वास येतो.
5. उद्योजकांसाठी बाजार संशोधनाचे महत्त्व काय आहे?
 - a) यामुळे उत्पादन खर्च वाढतो
 - b) हे व्यवसायाच्या संधी आणि ग्राहकांच्या गरजा ओळखण्यात मदत करते
 - c) यामुळे व्यवसाय सुरू करण्यास विलंब होतो
 - d) हे फक्त मोठ्या कंपन्यांसाठी आवश्यक आहे
6. यशस्वी उद्योजकांचे खालीलपैकी कोणते वैशिष्ट्य नाही?
 - a) चिकाटी
 - b) कडकपणा
 - c) सर्जनशीलता



d) अनुकूलता

7. व्यवसाय नियोजनाच्या संदर्भात SWOT विश्लेषणाचा अर्थ काय आहे?

- a) सामर्थ्य, कमकुवतपणा, संधी, धमक्या
- b) विक्री, कार्यबल, ऑपरेशन्स, तंत्रज्ञान
- c) रणनीती, संपत्ती, संघटना, डावपेच
- d) बचत, अपव्यय, जादा वेळ, प्रशिक्षण

8. व्यवसाय नियोजनामध्ये आर्थिक अंदाज लावण्याचा उद्देश काय आहे?

- a) कोणत्याही अनिश्चिततेशिवाय भविष्याचा अचूक अंदाज लावणे
- b) स्पर्धकांच्या आर्थिक आरोग्याचे मूल्यांकन करणे
- c) ऐतिहासिक डेटा आणि गृहीतकाच्या आधारे भविष्यातील आर्थिक परिणामांचा अंदाज लावणे
- d) गुंतवणूकदारांना व्यवसायात गुंतवणूक करण्यापासून परावृत्त करणे

9. खालीलपैकी कोणता उद्योजकांसाठी नेटवर्किंगचा फायदा आहे?

- a) वाढलेले अलगाव
- b) संसाधने आणि संधींमध्ये मर्यादित प्रवेश
- c) विचारांची देवाणघेवाण आणि संभाव्य सहकार्य
- d) व्यवसाय यशस्वी होण्याची शक्यता कमी

10. व्यवसायाच्या संदर्भात ROI म्हणजे काय?

- a) गुंतवणुकीवर परतावा
- b) गुंतवणुकीवरील महसूल
- c) गुंतवणुकीचा धोका
- d) गुंतवणुकीची लवचिकता

11. खालीलपैकी कोणता स्टार्टअपसाठी वित्तपुरवठा करण्याचा प्रकार नाही?

- a) उद्यम भांडवल
- b) क्राऊडफंडिंग
- c) मायक्रोफायनान्स
- d) रोजगार लाभ

12. उद्योजकतेमध्ये ब्रँडिंगची भूमिका काय आहे?

- a) लहान व्यवसायांसाठी ते अप्रासंगिक आहे
- b) हे उत्पादने/सेवांमध्ये फरक करण्यास मदत करते आणि ब्रँड निष्ठा निर्माण करते
- c) यामुळे उत्पादन खर्च वाढतो
- d) हे बाजारपेठेतील पोहोच मर्यादित करते

13. व्यवसाय विकासाच्या संदर्भात MVP चा अर्थ काय आहे?

- a) सर्वात मौल्यवान उत्पादन
- b) किमान व्यवहार्य उत्पादन
- c) कमाल वैधता कालावधी
- d) सर्वात मौल्यवान खेळाडू

14. सोशल मीडियाचा उद्योजकतेमध्ये कसा वाटा आहे?

- a) त्याचा व्यवसाय वाढीवर कोणताही परिणाम होत नाही
- b) हे लक्षित विपणन आणि ग्राहक प्रतिबद्धतेसाठी अनुमती देते
- c) यामुळे ऑपरेशनल खर्च वाढतो
- d) हे ब्रँड दृश्यमानता कमी करते

15. उद्योजकांसाठी सतत शिकण्याचे महत्त्व काय आहे?



- a) यामुळे आत्मसंतुष्टता येते
- b) यामुळे व्यवसाय वाढीस अडथळा येतो
- c) हे नवकल्पना आणि बाजारातील बदलांशी जुळवून घेण्यास प्रोत्साहन देते
- d) व्यवसायाच्या यशासाठी ते अनावश्यक आहे

16. बिझनेस इनक्यूबेटरचे प्राथमिक उद्दिष्ट काय आहे?

- a) स्थापित कंपन्यांसाठी कार्यालयीन जागा उपलब्ध करून देणे
- b) सुरुवातीच्या काळात स्टार्टअप्सना समर्थन देणे आणि त्यांचे पालनपोषण करणे
- c) उद्योजकांमधील स्पर्धा मर्यादित करणे
- d) स्टार्टअपसाठी परिचालन खर्च वाढवणे

17. यशस्वी व्यवसाय कल्पनेचे खालीलपैकी कोणते वैशिष्ट्य आहे?

- a) बाजारातील मागणीचा अभाव
- b) मर्यादित स्केलेबिलिटी
- c) अद्वितीय मूल्य प्रस्ताव
- d) उच्च उत्पादन खर्च

18. उद्योजकतेमध्ये मार्गदर्शन कोणती भूमिका बजावते?

- a) व्यवसाय वाढीसाठी ते फायदेशीर नाही
- b) हे मार्गदर्शन, समर्थन आणि मौल्यवान अंतर्दृष्टी प्रदान करते
- c) त्यामुळे स्पर्धा वाढते
- d) यामुळे अवलंबित्व होते

19. व्यवसाय नियोजनात व्यवहार्यता अभ्यासाचा उद्देश काय आहे?

- a) व्यवसाय कल्पनेच्या अव्यवहार्यतेची पुष्टी करणे
- b) प्रकल्पाच्या तांत्रिक व्यवहार्यतेचे मूल्यांकन करणे
- c) व्यवसाय कल्पनेच्या व्यवहार्यतेचे मूल्यांकन करणे आणि संभाव्य आव्हाने ओळखणे
- d) नवनिर्मितीला परावृत्त करणे

20. खालीलपैकी कोणते व्यवसायासाठी निश्चित खर्चाचे उदाहरण आहे?

- a) कच्चा माल
- b) भाडे
- c) परिवर्तनशील श्रम खर्च
- d) शिपिंग शुल्क

21. उद्योजकतेच्या संदर्भात बूटस्ट्रॅपिंग म्हणजे काय?

- a) व्यवसायाच्या जाहिरातीसाठी पारंपारिक साधन वापरणे
- b) किमान बाह्य संसाधनांसह व्यवसाय सुरू करणे आणि वाढवणे
- c) व्यवसायाला चालना देण्यासाठी स्पर्धात्मक रनिंग इव्हेंटमध्ये भाग घेणे
- d) व्यवसाय कार्यासाठी लवझरी वस्तूंमध्ये मोठ्या प्रमाणात गुंतवणूक करणे

22. मार्केटिंग स्ट्रॅटेजीमध्ये मार्केट सेगमेंटेशनचा उद्देश काय आहे?

- a) स्पर्धकांच्या प्रवेशासाठी अडथळे निर्माण करणे
- b) ग्राहकांचे समाधान कमी करण्यासाठी
- c) विशिष्ट कस्टमो ओळखणे आणि लक्ष्य करणे
- d) बाजारातील पोहोच मर्यादित करणे

23. उद्योजकांसाठी व्यवसाय योजनेचे महत्त्व काय आहे?

- a) ते ऐच्छिक आणि अनावश्यक आहे
- b) हे व्यवसाय ऑपरेशन्ससाठी रोडमॅप म्हणून काम करते आणि संभाव्य गुंतवणूकदारांना आकर्षित करते
- c) यामुळे ऑपरेशनल खर्च वाढतो
- d) हे व्यवसायाची लवचिकता प्रतिबंधित करते



24. उद्योजकतेमध्ये जोखीम व्यवस्थापन कोणती भूमिका बजावते?

- a) हे बेपर्वा निर्णय घेण्यास प्रोत्साहन देते
- b) हे अनिश्चितता आणि संभाव्य नुकसानाचा प्रभाव कमी करते
- c) यामुळे उत्पादन खर्च जास्त होतो
- d) यामुळे व्यवसाय वाढ मर्यादित होते

25. यशस्वी उद्योजकाचे खालीलपैकी कोणते वैशिष्ट्य नाही?

- a) विलंब
- b) लवचिकता
- c) अनुकूलता
- d) दूरदर्शी नेतृत्व



Answer

1. c) प्रस्थापित कंपन्यांमध्ये नोकरी शोधणे
2. b) संबंधित कौशल्य असलेल्या व्यक्तींना सक्षम करणे
3. c) अनुकूलता आणि नाविन्य
4. c) आव्हानांवर मात करण्यासाठी हे महत्त्वाचे आहे
5. b) हे व्यवसायाच्या संधी आणि ग्राहकांच्या गरजा ओळखण्यात मदत करते
6. b) कडकपणा
7. a) सामर्थ्य, कमकुवतपणा, संधी, धमक्या
8. c) ऐतिहासिक डेटा आणि गृहितकांवर आधारित भविष्यातील आर्थिक परिणामांचा अंदाज लावणे
9. c) विचारांची देवाणघेवाण आणि संभाव्य सहकार्य
10. a) गुंतवणुकीवर परतावा
11. d) रोजगार लाभ
12. b) हे उत्पादने/सेवांमध्ये फरक करण्यास मदत करते आणि ब्रँड निष्ठा निर्माण करते
13. b) किमान व्यवहार्य उत्पादन
14. b) हे लक्षित विपणन आणि ग्राहक प्रतिबद्धतेसाठी अनुमती देते
15. c) हे नवकल्पना आणि बाजारातील बदलांशी जुळवून घेण्यास प्रोत्साहन देते
16. b) सुरुवातीच्या काळात स्टार्टअप्सना समर्थन देणे आणि त्यांचे पालनपोषण करणे
17. a) बाजारातील मागणीचा अभाव
18. b) हे मार्गदर्शन, समर्थन आणि मौल्यवान अंतर्दृष्टी प्रदान करते
19. c) व्यवसाय कल्पनेच्या व्यवहार्यतेचे मूल्यांकन करणे आणि संभाव्य आव्हाने ओळखणे
20. b) भाडे
21. b) किमान बाह्य संसाधनांसह व्यवसाय सुरू करणे आणि वाढवणे
22. c) अनुरूप विपणन प्रयत्नांसह विशिष्ट ग्राहक गट ओळखणे आणि त्यांना लक्ष्य करणे
23. b) हे व्यवसाय ऑपरेशन्ससाठी रोडमॅप म्हणून काम करते आणि संभाव्य गुंतवणूकदारांना आकर्षित करते
24. b) हे अनिश्चितता आणि संभाव्य नुकसानाचा प्रभाव कमी करते
25. a) विलंब





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(Affiliated to Mumbai University)

शॉर्ट टर्म कोर्सचा अहवाल – "कौशल्य विकास तसेच स्वयंरोजगार"

अर्थशास्त्र विभागाने 2022-23 या शैक्षणिक वर्षात "कौशल्य विकास तसेच स्वयंरोजगार" नावाचा करिअरभिमुख अभ्यासक्रम चालविला आहे. एकूण 51 विद्यार्थी या अभ्यासक्रमात सहभागी झाले आहेत. विद्यार्थ्यांना नोकरीच्या संधीसाठी अर्ज आणि मुलाखतीच्या विविध पद्धती आणि तंत्र शिकवण्यात आले. तयार केलेला अभ्यासक्रम निर्धारित वेळेत पूर्ण करण्यात आला आणि विद्यार्थ्यांची कौशल्ये तपासण्यासाठी परीक्षा घेण्यात आली. सर्व विद्यार्थ्यांनी हा अभ्यासक्रम यशस्वीपणे पूर्ण केला आहे.

समन्वयक

विभाग प्रमुख



Principal

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कौशल्य विकास तसेच स्वयंरोजगार कोर्स व्याख्यान



कौशल्य विकास तसेच स्वयंरोजगार कोर्स परीक्षा

Date – 07/01/2023



जीवनदीप शैक्षणिक संस्था संचालित,
कला,वाणिज्य व विज्ञान महाविद्यालय,खर्डी

ता.शहापूर जि.ठाणे

मराठी विभाग आयोजित प्रमाणपत्र अभ्यासक्रम तपशील

शै.वर्ष २०२२ -२३

- अभ्यासक्रमाचे नाव : स्पर्धा परीक्षेचे मराठी व्याकरण
- कालवधी : ०२ जानेवारी ते १८ जानेवारी, २०२३ (१५ दिवस)
- वेळ : दररोज ०२ तास (रविवार वगळून)
- पात्रता : महाविद्यालयातील पदवीस्तरावर शिकणारे कुठलेही विद्यार्थी
- प्रवेश क्षमता : १०० विद्यार्थी
- प्रवेश पद्धती : प्रथम येणा-यास प्राधान्य
- प्रवेश फी : मोफत
- अभ्यासक्रमाचे उद्दिष्टे :
 - ❖ स्पर्धा परीक्षेसाठी आवश्यक असणारे मराठी व्याकरण शिकविणे.
 - ❖ स्पर्धा परीक्षेच्या दृष्टिकोनातून मराठी व्याकरणाचा परिचय करून देणे
 - ❖ स्पर्धा परीक्षेसाठी आवश्यक असणा-या घटकांचा परिचय करून देणे
 - ❖ विद्यार्थ्यांचा सराव करून घेणे

➤ अभ्यासक्रम :

घटक	तपशील	घड्याळी तास
एक	शब्दांच्या जाती • नाम • सर्वनाम • विशेषण • क्रियापद • क्रियाविशेषण अव्यय	१०



	• शब्दयोदी अव्यय • उभयान्वयी अव्यय • केवलप्रयोगी अव्यय	
दोन	प्रयोग	०४
तीन	समास	०६
चार	शब्दसिध्दी	०२
पाच	शब्दांच्या शक्ती	०४
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- **परीक्षेचे स्वरूप :** अभ्यासक्रम पूर्ण केलेल्या विद्यार्थ्यांची ५० गुणांची स्पर्धा परीक्षेच्या धर्तीवर वस्तुनिष्ठ स्वरूपाची ५० गुणांची परीक्षा घेतली जाईल. सदरील परीक्षेसाठी २५ प्रश्न विचारल्या जातील प्रत्येक प्रश्नासाठी ०२ गुण असतील.
- **परीक्षा दिनांक :** २१ जानेवारी २०२३, शनिवार सकाळी १०.०० ते ११.००
- **अभ्यासक्रम समन्वयक व मार्गदर्शक :** प्रा. दिप्ती मोरे
- **संदर्भ साहित्य :**
१. मराठी व्याकरण – मो.रा. वालिंबे
 २. परिपूर्ण मराठी व्याकरण – बाळासाहेब शिंदे

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जीवनदीप शैक्षणिक संस्था संचलित, पोई
कला वाणिज्य व विज्ञान महाविद्यालय, खर्डी
ता शहापूर जि.ठाणे

‘स्पर्धा परिक्षेचे मराठी व्याकरण’ प्रमाणपत्र अभ्यासक्रम परिक्षा

वेळ २ तास

गुण १००

सूचना

- १) योग्य पर्यायासमोर खुण करा.
- २) प्रत्येक प्रश्नाला दोन गुण

प्र.१ ला	खालील दिलेल्या प्रश्नाचे योग्य पर्याय निवडा.	(८०)
१.	‘खुप छान बातमी आणलीस’ या वाक्यात शेवटी कोणते विराम चिन्ह येईल. अ) ; ब) .क) ! ड) ?	
२.	‘उदगारचिन्ह’ या विरामचिन्हाच्या नावासाठी योग्य पर्याय ओळखा. अ) ? ब) , क) .ड) ?	
३.	या वाक्यात आज्ञार्थी वाक्य कोणते आहे. अ) तुझ्या घरात किती माणसे आहेत ? ब) मुलांनो शिस्त पाळा. क) बापरे ! केवढा हा पसारा. ड) समीर दररोज शाळेत जातो.	
४.	कवितेतील अक्षरे मोजण्याचे माप.....हे आहे. अ) मात्राब) गण क) लघुगुरू क्रमड) याती	
५.	मराठी व्याकरणात कोणत्या विभक्तीत प्रत्यय नाही ? अ) द्वितीयाब) तृतीया क) प्रथमाड) चतुर्थ	
६.	कर्मणी प्रयोगात कर्म हे.....विभक्तीत असते. अ) प्रथमाब) द्वितीया क) तृतीया ड) चतुर्थ	
७.	मराठी व्याकरणात विभक्तीचे एकूण किती प्रकार मानले जातात ? अ) दहा ब) आठ क) सहाड) बारा	
८.	शब्दांचा एकूण किती जाती आहेत. अ) आठब) सातक) पाचड) सहा	
९.	नाम, सर्वनाम, क्रियापद, विशेषण हे कोणत्या प्रकारचे शब्द आहेत ? अ) विकारीब) अविकारीक) एकवचनीड) अनेकवचनी	
१०.	स्वतःशी केलेल भाषण..... अ) संभाषणब) स्वभाषणक) चिंतनड) स्वगत	
११.	आकाशात गमन करणारा..... अ) नभब) स्वगक) स्वड) मधुप	



२३.	खडा टाकणे..... अ) अंदाज घेणे. ब) पराभूत करणे. क) दुस-यास दोष देणे . ड) काम सोडून पळून जाणे.	
२४.	पुढील वाक्याचा काळ ओळखा... 'गणेश शाळेत जात होता.' अ) वर्तमानकाळब) भूतकाळक) भविष्यकाळड) पुर्ण भविष्यकाळ	
२५.	'महाराष्ट्र' या शब्दाचा समास ओळखा. अ) अव्ययीभावब) तत्पुरुषक) कर्मधारयड) बहुव्रीही	
२६.	'अंथरून - पांघरून' या समासाचा प्रकार ओळखा. अ) समाहार द्वंद्वब) द्विगूक) इतरेतर द्वंद्वड) वैकल्पिक द्वंद्व	
२७.	काही अक्षरांच्या उच्चारणानंतर जो थांबा असतो त्याला.....म्हणतात. अ) गतीब) यतीक) मतीड) मात्रा	
२८.	मराठी भाषेत एकूण किती व्यंजने आहेत. अ) ३४ब) ३२क) ३५ड) ३६	
२९.	पुढीलपैकी दीर्घ स्वर कोणते ? अ) अ , ञ, ब) ञ, लूक) अ , इड) ई, ऊ	
३०.	'क्ष' आणि 'झ' यांना कोणते व्यंजन म्हणून ओळखले जाते. अ) संयुक्त व्यंजनेब) व्यंजनेक) कठोर व्यंजनेड) मृदु व्यंजने	
३१.	सु + अल्प .याची संधी काय असेल ? अ) सुल्पब) स्वल्पक) सुल्पाड) यापैकी नाही	
३२.	संधीची एकूण प्रकार किती ? अ) एकब) चारक) तीनड) पाच	
३३.	कवी + ईश्वर हा .शब्द कोणत्या संधीचे उदाहरण आहे. अ) स्वर संधीब) व्यंजन संधीक) विसर्ग संधीड) यापैकी नाही	
३४.	'उंट' या शब्दाचे स्त्रीलिंगी रूप ओळखा. अ) लांडोरब) उंटिणक) सांडणीड) भाटी	
३५.	'कवि' या शब्दाचा विरुद्धलिंगी रूप ओळखा. अ) कवयित्रीब) कवियत्रीक) कवीयत्रिड) कवयत्री	
३६.	खालीलपैकी अनेकवचन शब्द ओळखा ? अ) मोतीब) ससाक) पाखरूड) गाणी	
३७.	प्रयोगाचे मुख्य प्रकार किती आहेत. अ) तीनब) चारक) पाचड) सहा	
३८.	'साधा पेरू खाते ' या वाक्यातील प्रयोग ओळखा? अ) कर्मणी प्रयोगब) शक्य प्रयोगक) भावे प्रयोगड) कर्तरी प्रयोग	
३९.	'पापणीत गोठविली मी नदी आसवांची .' अलंकार.ओळखा अ) यमकब) रूपकक) श्लेषड) कर्तरी अतिशोक्ती	
४०.	सुसंगती सदा घडो सुजन वाक्य कानी पडो.'	



	या वाक्य ओळीत कोणत्या अलंकारांचा उपयोग केला आहे. अ) व्यक्तिरेकब) रूपक क) श्लेषड) कर्तरी अतिशोक्ती	
४१.	पुढीलपैकी अविकारी शब्द जात कोणती? अ) नामब) सर्वनामक) क्रियापदड) क्रियाविशेषण	
४२.	'परंतू' हा.....शब्द आहे. अ) विकारीब) अविकारीक) धर्मवाचकड) क्रियापद	
४३.	शब्दाच्या प्रमुख जाती आहेत. अ) सातब) सहाक) पाचड) आठ	
४४.	आख्यातविचार हा..... विचार आहे. अ) विशेषणब)क्रियापदक) क्रियाविशेषणड) केवलप्रयोगी	
४५.	'उदक' या शब्दाचा समानार्थी शब्द ओळखा. अ) आकाशब) नदीक) पाणीड) मेघ	
४६.	प्रयोग ओळखा - सविने कादंबरी वाचली अ) कर्तरी प्रयोग ब)कर्मणी प्रयोग क) भावे प्रयोगड) संकीर्ण प्रयोग	
४७.	खालीलपैकी तत्सम शब्द कोणता. अ) बाजरी ब)भुगोलक) फणस ड) बटाटा	
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४९.	प्रथमा विभक्तीचा अर्थ सांगा अ) कर्मब) करण क) आपदानड) कर्ता	
५०.	गटात न बसणारा शब्द ओळखा. अ) जलब) पाणी क) नीरड) आकाश	



जीवनदीप शैक्षणिक संस्था संचालित

कला , वाणिज्य व विज्ञान महाविद्यालय खर्डी

ता. शहापूर जि. ठाणे

स्पर्धा परीक्षेचे मराठी व्याकरण प्रमाणपत्र अभ्यासक्रम

निकाल तक्ता

दिनांक २१ जानेवारी रोजी संपन्न झालेल्या परीक्षेत विद्यार्थ्यांना खालील
प्रमाणे गुण मिळाले आहेत

अ. क्र	विद्यार्थ्याचे नाव	हजेरी क्र	१०० पैकी
1	BANGARE GAURAV BHAURAV ARUNA	221005	८८
2	NICHITE RUTIK GANPAT VRUTUJA	224191	८६
3	BHERE PRATHAMESH BHAGWAN	221023	८४
4	SATVI SWAPNIL GURUNATH KUNDA	221024	८८
5	JADHAV KISHOR BHASKAR YASHODA	224214	९८
6	BHANGARE SAINATH SHIVAJI	224215	७६
7	JADHAV NIKHIL ASHOK LILA	227004	८४
8	VEKHANDE AMRUTA SANJAY	227027	८२
9	BHERE SURAJ ARJUN SADHANA	221028	८०
10	PARADHI SUNIL SHRAWAN JIJA	221033	७०
11	SADGIR BHARATI KALU TAIBAI	227050	७८
12	GHRAT KUNAL RAGHUNATH ASHA	227053	७६
13	BELAWALE SAPANA VAMAN SUMAN	227015	७४
14	DESALE MAYUR GANESH JIJA	224285	९२
15	SARUKTE SANDIP MADHUKAR SAVIT	227048	९६
16	SHIROSE HARSHALA SANJAY SARITA	224050	७२
17	ASWALE SAMEER SURESH SANGEETA	227046	८८
18	PAWAR NIKITA TULSHIRAM NANDA	227035	४०
19	VEHALE JITENDRA CHANDRAKANT C	224040	६०
20	HAMARE KAVITA RAMCHANDRA SEE	227016	८८
21	HARAD DEVENDRA BALU VIJAYA	224330	८२
22	ZARAGHADE PRAGATI SOMNATH	224232	८०
23	KIRPAN DIVYA JAYWANT RANJANA	221035	८४
24	BHOIR HIRU SOMANATH VACHALA	224106	७६
25	GODADE MAYUR HARISHCHANDRA	221038	८८
26	ADHIKARI PALLAVI PRAKASH	221036	९४
27	SAYYAD MADIHA IRFAN JASMIN	221042	६४
28	BHOIR AJAY DNYANESHWAR BHARTI	224033	६०
29	MENGAL HEMANT DAJI ANITA	227005	७२



30	CHABUKSWAR PRANITA RAJESH	221019	७४
31	BHASME VILAS KASHINATH	221020	८६
32	GHOLAP MONIKA GOPAL SADHANA	227029	८४
33	BHERE OMKAR CHANDRAKANT	221015	८२
34	NICHITE ABHAY SHRIRAM SUJATA	224296	८६
35	JOSHI NILESH PANDURANG	227043	८८
36	BADERAO NITESH BHAGVAN	221008	७२
37	NIPURTE ROHIT SHARAD	227034	७०
38	THAKARE SAPANA GURUNATH RANJA	221017	८०
39	KHADAM VIKAS PANDURANG POOJA	224163	८०
40	WAGHMARE SONALI HARISHCHANDR	224034	८०
41	ARAJ SANDIP ASHOK ASHWINI	227011	८०
42	VISHE RITESH GURUNATH RANJANA	221063	७६
43	GHATAL SAGAR ANANTA LAXMIBAI	224347	६६
44	CHAUDHARI PUNDLIK RANAJIT PRAM	221088	८६
45	PAWAR RUTIK GANESH ALKA	224141	७६
46	BHOIR HARSHAL RATAN RAJESHREE	221093	९०
47	SONAVALE ADITYA VINAYAK MANIS	224004	९६
48	GHARAT PRASHANT SUNIL BABEBAI	221102	८८
49	KARALE ROHIT ARUN ARUNA	227059	६८
50	BENAKE RUSHIKESH PRABHAKAR JIJ	221105	७०
51	GOLE GAURAV DNYANESHWAR	224029	७२
52	PAWAR AKSHADA RAVINDRA VANITA	221116	९०
53	BHOIR ASHISH BHAGWAN MALANI	227026	७०
54	VARKUTE ROSHAN KASHINATH JAYS	221118	८०
55	VEKHANDE PUNAM VASUDEV NANDA	227022	८४
56	LATE ARYA KASHINATH SAVITA	221120	९६
57	BHERE PRASHAT BHASKAR BHARTI	227047	६६
58	ZUGARE PINTU HEMA PARVATI	224020	७६
59	CHAURE ASMITA MACCHINDRA MAN	221129	६८
60	SANDE ARCHANA SANTOSH RENUKA	221030	८६
61	HAJARE HARESH RAJENDRA MEENA	224292	८८
62	GHOIRATH KISHOR HIRAMAN	227041	८४
63	NICHITE GAURAV SAJAY JYOTI	224091	८०
64	JADHAV VIJAY TANAJI KAUSABAI	224270	७०
65	BANGARE GAURAV BHAURAV ARUNA	221005	६०
66	DUBHELE SHITAL BHAGVAT MANDA	221031	९८
67	BHANDKOLI RAHUL DATTU LAXMIBA	224327	४४
68	ZINJAL HARSHAL BHARAT BHAVANA	221012	८८
69	MHASKAR AKASH GANESH SANDHYA	224110	७६



70	BHANGARE NAMDEV BALU ASHABAI	227045	६६
71	PINGALA LAHU RAMA SONI	224248	८२
72	VISHE SANKET BHAGWAN BHARATI	221075	७२
73	GAVANDE PRITAM SHIVARAM ALAKA	224097	७७
74	JADHAV PRADNYA RAGHUNATH MAD	224164	७८
75	SURYARAV SHRADDHA BHALCHANDI	221099	९०
76	BINNAR RANJANA SUDAM ASHA	221138	४०
77	PEDHEKAR SHYAM SOPAN VAISHALI	221162	६०
78	TUNDARE AVINASH SATISH SHOBHA	224150	८६
79	DUBHELE LAVKESH SUBHASH SARITA	221171	८८
80	VISHE MAYURESH MANOHAR MADHU	221190	५६
81	BANGARA GANESH SOMA MANJULA	224165	६४
82	SHELAR OMKAR BHAGWAN BHAVAN	227023	८८
83	BHALA PANKESH NAMDEV PADMA	224322	६६
84	GHORPADE RAHUL MANOHAR ANITA	221210	६६
85	GABHALE SUYASH RAJARAM MANDA	224015	७६
86	GODE BHIDAS PANDHRINATH SUNIT	221242	८८
87	DARANE NITIN BALU SINDHU	224302	८६
88	NICHITE ROHAN RAJESH RAJANI	221265	७६
89	GOLE KALPESH LAXMAN BEBI	221283	८२
90	NICHITE CHETAN JAGANNATH LATA	224178	८४
91	SABLE GORAKH LAXMAN LAHANUBA	224176	८८
92	KHARDIKAR SURAKSHA SAMEER NIT	224057	८४
93	SURWADE SIDDHANT ASHOK JYOTI	221294	६८
94	GAVALE ANUSHKA JAYWANT PUSHPA	224061	८०
95	THOMBRE KRISHNKUMAR VISHNU SA	224039	६८
96	NICHITE ROHIT JAGNNATH LATA	227063	७६
97	SHIRKE DHIRAJ CHANDRAKANT BHAI	224102	७०
98	BHERE BHARAT ATMARAM SUNITA	224067	६२
99	BHAGIT KISHOR PUNAJI JIJA	224346	७६
100	KARAD SHUBHAM SURYABHAN SURE	221322	८०

दिनांक २९ जानेवारी २०२३

प्रा दिप्ती मोरे

प्रमाणपत्र अभ्यासक्रम समन्वयक



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प्रा कैलाश लक्ष्मण

Jeevan Prakash Sanstha's
Arts, Commerce & Science College, Khardi
Tal. Shahapur, Dist. Thane-421 601

Jeevandeep shaikshanik santha Poi's
Arts, Commerce and Science College Khardi

Commerce Department

Short Term Course- Share market

Board of Studies 2022-23

Sr No	Designation	Name of Person
1	Chairman	Prof. K.R.Kalkate (Principal)
2	Member	Asst.Prof. S.I.Khan (Co-ordinator and HOD of Department)
3	Member	Prof..Mayuri Kamble (Expert) Jssp A/C/S college Goveli
4	Member	Asst.Prof.Nilesh Sarakte
5	Member	Asst.Prof S.S.Sable
6	Member	Asst Prof. Vishal Bhosale (IQAC-Coordinator)

Minutes of the Meeting

Board of Studies meeting of the Short term Certificate Course in Share Market. IT was conducted on 06-07-2022 at 12.00 p.m. in the Department of Commerce. The following members were present in the meeting. Following Points are discussed in this meeting.

1. Syllabus formation of Share Market short term course.
2. Dissemination of work
3. Encouragement of Student
4. Exam of short term course


Co-Ordinator




Principal

Jeevandeep Shaikshanik Santha Poi's
Art's, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.

JEEVANDEEP SHAIKSHNIK SANSTHA POI'S
ARTS , COMMERCE AND SCIENCE COLLEGE, KHARDI
COMMERCE DEPARTMENT

Short-term Course-Stock Exchange and Trading

Syllabus

Sr.No.	Contents	No.ofLectures
1.	Some Basic Concepts of Corporate Finance Sources of own capital-Shares Features and types of shares Equity shares and its features Preference shares and its features Types of preference shares Distinguish between shares and debentures Distinguish between equity and preference shares	6
2.	Sources of Borrowed Capital Debentures: Meaning and types Features of debentures Acceptance of public deposit Bond: meaning and types ADR and GDR Commercial banks Financial Institutions Trade credit	6
3.	Financial Market Money Market -Meaning and features Capital Market-Meaning and features Stock Exchange -Meaning and features Functions of Stock Exchange Important term related to the stock exchange Major Stock Exchange in India-BSE,NSE,SEBI	6



4.	Software Introduction for Stock Trading How to use Kite app for online trading AMO(After Market Orders) App Overview -cover order GTT Iceberg order Product type	6
5.	Practical knowledge on Trading Chart (1 lec) Candle Types (2 lec) Trend line (2 lec) Break Out (1 lec)	6



Jeevandeep Shaikshnik Sanstha Sanchalit

Arts, Commerce and Science College, Khardi

Tal-Shahapur, Dist-Thane

Short Term Course: Stock Exchange and Trading

Q 1) Stock exchange is -----market

A) Primary B) Secondary C) Both A & B D) None of above

Q 2) Following is example of money market

A) Treasury bill b) Debentures) Equity share D) Preference share

Q 3) He is a dealer in stock exchange who carries on trading of securities

A) Broker b) Jobber) Bull D) Stag

Q 4) It is Asia's first stock exchange

A) Tokyo stock exchange B) SSE C) NSE D) BSE

Q 5) The SEBI was established in -----

A) 1990 B) 1991 C) 1992 D) 1993

Q 6) On ----- debentures name of holder is not recorded

A) Secured B) Unsecured) Bearer D) Registered

Q 7) -----depository receipt traded in USA

A) GDR B) ADR C) CDR D) NDR

Q 8) -----Debentures can be converted in to equity share

A) Redeemable B) Secured c) Unsecured D) Convertible

Q 9) The owner of share is called as

A) Partner B) Broker C) Shareholder D) Debtor

Q 10) the-----shares do not have normal voting rights

A) Equity B) IPO C) Preference D) Market

Q 11) -----can be issued by both private company and public ltd. Company

A) Shares and debenture B) Shares C) Debenture D) None of this



Q 12) Which is the following is product type

A) CNC B) MIS (Margin intraday square off) C) NRML (Normal F&O trades) D) All of the above

Q 13)) Which is the following is order type

A) Limit (LMT) order B) Market (MKT) order c) Stop loss or trigger orders (SL and SL-M) D) All of the above

Q 14) In the actual traded price as compared to the price of the instrument when the order was placed is called

A) Impact cost B) Implicit cost c) Exclusive cost D) None of above

Q 15) Place orders for the next trading day the previous day itself

A) AMO (After market orders) B) GTT C) Cover order D) Non of the above

Q 16) How many companies are a part of sensex (stock exchange sensitive)

A) 20 B) 30 C) 50 D) 100

Q 17) when was NIFTY (National stock exchange Fifty) established

A) 1992 B) 1998 C) 1996 D) 1994

Q 18) The headquarter of the national stock exchange is situated in

A) Mumbai B) Kolkata C) Chennai D) Delhi

Q 19) The promoter of the national stock exchange

A) SBIB) LIC C) IDBI D) All of the above

Q 20) The first computerized online stock exchange in India was

A) NSE B) OTCEI C) BSE D) MCX



JEEVANDEEP SHAIKSHNIK SANSTHA'S
ARTS, COMMERCE AND SCEINCE COLLEGE, KHARDI
COMMERCE DEPARTMENT
(2022-23)
Short Term Course on Share Market
RESULT

SR.NO.		CLASS	Marks
1	MAHALE SUJAL PRAVIN	FYBCOM	17
2	SHAHA AKBAR RAFIK	FYBCOM	15
3	BHANGARE TUSHAR BALU	FYBCOM	14
4	BENKE PALLAVI PANDURANG	FYBCOM	19
5	BENKE POOJA BABAN	FYBCOM	17
6	BIRADAR POONAM GANESH	FYBAF	17
7	CHAUDHARI AMITKUMAR ASHOK	FYBAF	18
8	CHAUDHARY SANJU GANESHRAM	FYBAF	14
9	DESALE CHANCHAL GURUNATH	FYBAF	18
10	TRIPATHI SNEHA SANTOSH	FYBAF	18
11	BHUDBHUDE RAJU SURESH	SYBCOM	14
12	YASHVANTRAO SHREYA ARJUN	SYBCOM	18
13	WANGAD ROHAN RAVIDAS	SYBCOM	14
14	DHANKE CHINMAY VAIBHV	SYBCOM	17
15	SHAHU SANSKRUTI VISHWAKUMAR	SYBCOM	14
16	AWARI MAYURI RAJARAM	SYBAF	19
17	CHANNE SHWETA RAJENDRA	SYBAF	17
18	UMBARGONDE MADHURI RAMNATH	SYBAF	15
19	DESALE KOMAL SUNIL	SYBAF	15



20	DESALE RITUKA RANGNATH	SYBAF	15
21	SHAIKH MISSBA AJAM	TYBCOM	16
22	SHAIKH NAVSHIN MUNAF	TYBCOM	14
23	GHANEKAR SAKSHI VINAYAK	TYBCOM	14
24	GATKHAL ROHIT GORAKH	TYBCOM	14
25	DESALE SAMIR SHANKAR	TYBCOM	16
26	RUPWATE ROHIT DILIP	TYBAF	16
27	DUBHELE PRATHMESH	TYBAF	16
28	MUSALE PRITI CHANDRAKANT	TYBAF	15
29	PAWAR AJINKYA NITIN	TYBAF	17
30	DONDE PRASAD RAJENDRANATH	SYBCOM	16
31	HARAD NILESH EKNATH	SYBCOM	19
32	KANKOSHE AVINASH ANIL	SYBCOM	17
33	LOHAKARE VRUSHALI SITARAM	SYBCOM	18
34	MALI PRAKASH RAMESH	SYBCOM	15
35	DEORUKHKAR VIRAJ NARESH	SYBCOM	15
36	AMALE BHAVANA PRAKASH	SYBCOM	14
37	RAJPUT PRIYANKA BABUSINGH	SYBCOM	17
38	BHOIR RAHUL CHANDRAHANS	SYBCOM	16
39	SARKHOT MANDAR SHARAD	SYBCOM	17
40	CHAURE PRATIK NIVRUTTI	SYBCOM	17
41	DHANKE KUNAL VILAS	SYBAF	15
42	DHASADE AKSHADA KERU	SYBAF	18
43	DHASADE NIKITA GURUNATH	SYBAF	15
44	DHASADE PRATIK UMESH	SYBAF	18
45	BENKE POOJA BABAN ASHA	FYBCOM	15
46	CHAMPANERI VAIBHAV PRAFUL	FYBCOM	16



47	CHAUDHARI PRAJYOT DHARMA	FYBCOM	15
48	CHAUDHARI PREM DILIP JYOTI	FYBCOM	16
49	CHAUDHARI RAHUL GAURU	FYBCOM	15
50	GHADSHI SANIKA ANIL MANSI	FYBCOM	14
51	GHARAT BHUSHAN GANPAT	FYBAF	17
52	GHARAT VASUDHA SUBHASH	FYBAF	17
53	GHODVINDE KALPESH BHASKAR	FYBAF	15
54	INGALE ANUJ CHANDRAKANT	FYBAF	15
55	JADHAV SALONI DEEPAK JYOTI	FYBAF	15
56	JAGE AKSHAY SHIRISH	FYBAF	14
57	VISHE SAMIR DNYANESWAR	FYBAF	14
58	VISHE KAPIL BANDU	TYBCOM	18
59	MHASANE RAVINA RAMCHANDRA	TYBCOM	17
60	SANDE SAKSHI BABU	TYBCOM	18
61	PADWAL UMESH BHAU	TYBCOM	17
62	KIRPAN ABHIJIT DILIP	TYBCOM	17
63	FODSE UDDHAV BALU	TYBCOM	14
64	KHARBE AMAN ADIL	TYBCOM	18
65	SAPAT ADITI ANIL	TYBCOM	15
66	TEMBHE DARSHAN SURESH	TYBCOM	18
67	BANGAR RUSHIKESH BALARAM	TYBCOM	16
68	GAIKAR MANISH RAJARAM	TYBAF	15
69	MAGAR VISHAL BALARAM	TYBAF	16
70	PADVAL SIDDHARTH EKANATH	TYBAF	18
71	GORLE BHAVESH RAVINDRA	TYBAF	18
72	PATIL SAHIL YASHAWANT	TYBAF	18
73	SUROSHI DHIRAJ SUBHASH	TYBAF	15



74	BHOIR PRANALI SHANKAR	TYBAF	14
75	JADHAV YUVRAJ RAMCHANDRA	FYBCOM	18
76	KADAM ANISH SANTOSH	FYBCOM	16
77	KAKAD SANKET SAMPAT	FYBCOM	18
78	KALCHIDA MAYURI BALIRAM	FYBCOM	14
79	KAMBALE MADHURI SHIVKUMAR	FYBCOM	18
80	KAMBLE ANIKET SHIVAJI	FYBCOM	19
81	KAMBLE ROHAN DATTATRAY	FYBCOM	16
82	KANKOSHE RUTIK DUNDARAM	FYBCOM	16
83	KENGWADE KIRAN BABAN	FYBCOM	17
84	KEWARI VRUSHABH YASHWANT	FYBCOM	17
85	KHOKALE SAVITA RAMCHANDRA	FYBCOM	16
86	MUSALE MAYURI SUNIL	FYBCOM	15
87	NICHITE TANUJA SUNIL	FYBAF	14
88	PANDHARE TUSHAR SHAHRAD	FYBAF	14
89	PARAB PRANAV DIGAMBAR	FYBAF	15
90	PAWAR SAMRUDDHI NITIN	FYBAF	15
91	RAKSHE UMESH BHAGIRATH	FYBAF	16
92	RAUT TEJASVI SHANKAR	FYBAF	17
93	SANAP ASHVINI BHAGAWAT	FYBAF	15
94	SARKHOT CHAITRALI ROHIDAS	FYBAF	14
95	SARKHOT MAYUR EKNATH	FYBAF	18
96	SARKHOT VEDANT SANJAY	FYBAF	14
97	SASE HARSHALA DASHARATH	FYBAF	15
98	SHEKHARE AKSHAY SOPAN SAVITA	FYBAF	15
99	SOSHTTE PRANAY AVINASH SANDHYA	FYBAF	14
100	TARMALE PAWAN LAXMAN VANDANA	FYBAF	17



101	THORAD SARIKA KISAN ALKA	FYBAF	15
102	BHERE NISHANT DILIP	FYBAF	18
103	BHOIR KUNAL RAJENDRA	SYBCOM	16
104	GAWADE ASHISH ANKUSH	SYBCOM	14
105	NAWALE DIPAK VIJAY	SYBCOM	14
106	SHIRKE KUNAL PRAMOD	SYBCOM	16
107	SHIVADE MANISH ANANT	SYBCOM	15
108	BANDE AKSHAY HARI	SYBCOM	14
109	BHANGARE PRATIBHA GOPAL	SYBCOM	15
110	GHARE JYOTI MADHUKAR	SYBCOM	18
111	RAUT NIKHIL RAMESH	SYBCOM	19
112	BHOIR NILAM SHANKAR	SYBCOM	16
113	MANGE ADINATH ANANDA	SYBCOM	16
114	TUPANGE RIDDHI GAJANAN	SYBCOM	15
115	GHADI KASTURI NAMDEV	SYBCOM	17
116	CHAUDHARI ASHWINI VINOD	SYBCOM	16
117	SINGH RENUKA KARAN	SYBCOM	14
118	KHANDAGALE SAKSHI SHANTARAM	SYBCOM	14
119	PALASHIKAR VIPUL BALKRUSHNA	SYBCOM	14
120	SHELAR VIKRAM DILIP	SYBCOM	14
121	KANKOSHE YOGESH RAGHUNATH	SYBCOM	14
122	DHONGADE SARIKA BALU	SYBCOM	17
123	DINKAR MOHAN JAGANNATH	SYBCOM	16
124	DONDE SAPANA SANJAY	SYBAF	14
125	DUBHELE SACHIN ASHOK	SYBAF	14
126	GHARAT JAYESH LAXMAN	SYBAF	18
127	GHARAT SAKSHI BALU	SYBAF	18



128	GILANDE JYOTI NARAYAN	SYBAF	16
129	HAJARE SHUBHAM ASHOK	SYBAF	16
130	JADHAV SAHIL SANTOSH	SYBAF	18
131	KHADE VRUSHALI PANDURANG	SYBAF	17
132	KHANDAGLE RAHUL BHAGVAN	SYBAF	17
133	KIRPAN BHUSHAN GOKUL	SYBAF	14
134	LAKHAMBARE DHANASHRI SHIVRAM	SYBAF	18
135	KUMAWAT UMESHKUMAR RUPNARAYAN	SYBAF	18
136	SHELAR ROHAN JANARDHAN	SYBAF	14
137	BHAGADE KUNAL CHABAN	SYBAF	17
138	MASANE AKASH NIVRUTTI	SYBAF	17
139	VIDE SUPRIYA VILAS	SYBAF	17
140	SHELAVALA SAMRUDDHI KISHOR	SYBAF	15
141	PRAJAPATI SHEELA RAJU	TYBCOM	19
142	KHILARI ANIKET VALMIK	TYBCOM	15
143	SINGH ANJALI SANTOSH	TYBCOM	17
144	YASHVANTRAO DAMINI	TYBCOM	14
145	PALVI MANOJ TUKARAM	TYBCOM	15
146	KASHIVALE AADESH VILAS	TYBCOM	16
147	VISHWKARMA NAMITA	TYBCOM	16
148	MAHALE PRADNYA PRAVIN	TYBCOM	16
149	MORE AJAY DATTU	TYBCOM	17
150	SHAIKH MOIN MINAJ	TYBCOM	18



Principal
 Shaikshnik Sanstha's Arts, Com. & Science College, Khardi, Tal. Shahapur, Dist. Thane, 421 601.



JEEVANDEEP SHAIKSHANIK SANSTHA'S POI'S
ARTS, COMMERCE & SCIENCE COLLEGE
(Affiliated to Mumbai University)

Mumbai University Affiliation No. Aff / Recog. /6403 of 2008 dt. 17th Oct. 2008
Govt. of Maharashtra Order No. NGC 2008 / (218 / 08) MS - 3, dt. 16/6/2008

Report on Short Term Course on Share Market

(Conducted by the Commerce Department of JSSP's Arts, Commerce and Science College, Khardi.)

Introduction:

The Commerce Department of College organised a short-term course on the Share Market, aiming to equip students with practical knowledge and insights into the functioning of the stock market. The course spanned over 30 Lectures, covering various aspects of share trading, investment strategies, risk management, and market analysis.

Course Structure and Content:

Asst Prof Aparna Jadhav commenced with an introductory session providing an overview of the stock market, its participants, and the significance of stock trading in the economy.

Asst Prof Nilesh Sarkte conducted sessions on understanding financial statements, evaluating company performance, and interpreting market indicators were conducted to enhance participants' analytical skills. Additionally, modules on risk assessment, portfolio diversification, and investment psychology were included.

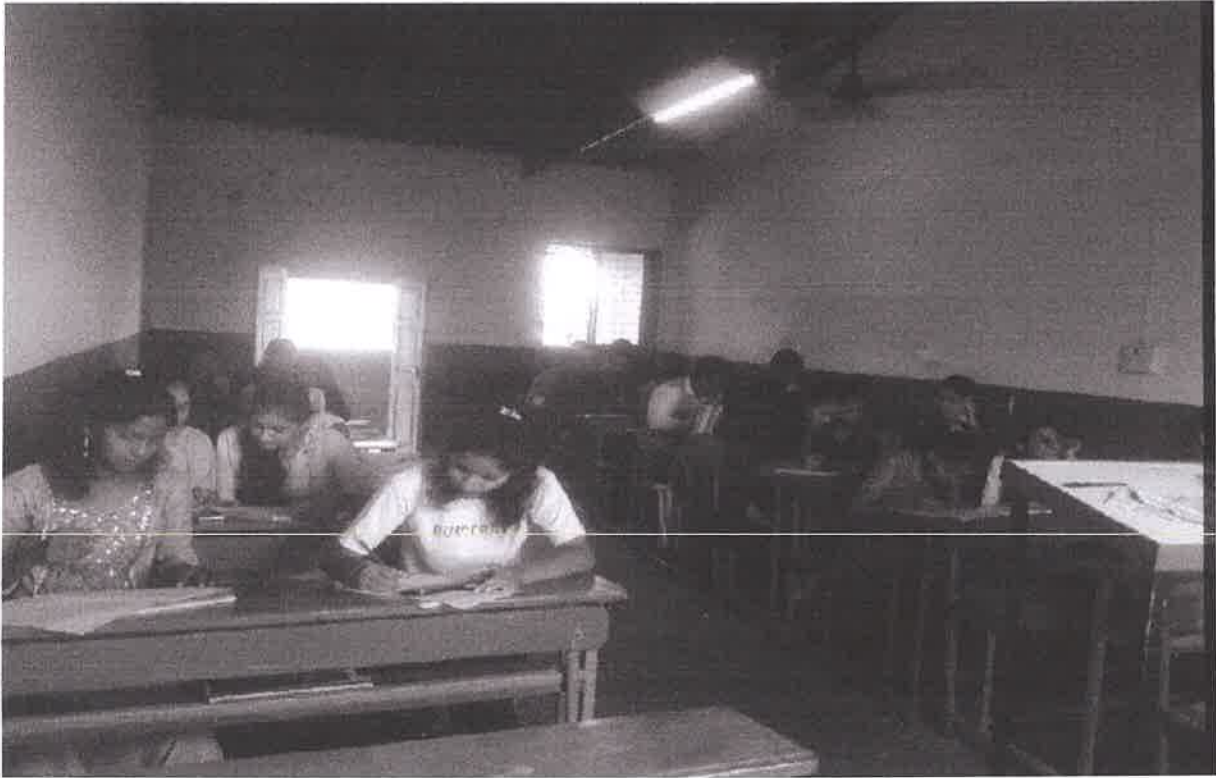
Notably, the course incorporated practical sessions where students simulated trading scenarios using virtual platforms. This hands-on experience allowed participants to apply theoretical concepts. This session is conducted by Asst. Prof Salman Khan

Assessment and Certification:

Throughout the course, participants were evaluated through assignments, and a final examination to assess their comprehension and retention of course material. Additionally, participants were required to develop investment portfolios and present their strategies, fostering creativity and innovation in investment planning.



Short Term Course on Share Market: 22/07/2022





JEEVANDEEP SHAIKSHANIK SANSTHA'S POI'S
ARTS, COMMERCE & SCIENCE COLLEGE

(Affiliated to Mumbai University)

Mumbai University Affiliation No. Aff / Recog. /6403 of 2008 dt. 17th Oct. 2008
Govt. of Maharashtra Order No. NGC 2008 / (218 / 08) MS - 3, dt. 16/6/2008

Title: Report on Short Term Course on Share Market Conducted by Commerce Department of JSSP's Arts, Commerce and Science College, Khardi.

Introduction:

The Commerce Department of College organised a short-term course on the Share Market, aiming to equip students with practical knowledge and insights into the functioning of the stock market. The course spanned over 30 Lectures, covering various aspects of share trading, investment strategies, risk management, and market analysis.

Course Structure and Content:

The course commenced with an introductory session providing an overview of the stock market, its participants, and the significance of stock trading in the economy. This lecture is conducted by Asst. Prof. Rajeshree Bhagwat.

Sessions on understanding financial statements, evaluating company performance, and interpreting market indicators were conducted to enhance participants' analytical skills. Additionally, modules on risk assessment, portfolio diversification, and investment psychology were included. This session is conducted by Asst. Prof. Y.K. Shinde

Notably, the course incorporated practical sessions where students simulated trading scenarios using virtual platforms. This hands-on experience allowed participants to apply theoretical concepts. This session is conducted by Asst. Prof. B. Bhoir.

To provide industry insights, Mr. Sandesh Gaikwad(experienced professionals and market experts) were invited to conduct guest lectures and interactive sessions. These experts shared their practical experiences, investment strategies, and market outlook, enriching the learning experience for participants.

Moreover, case studies and real-life examples were discussed to illustrate the application of theoretical concepts in actual market scenarios. Participants were encouraged to critically analyse case studies, identify investment opportunities, and formulate strategic decisions, thereby enhancing their problem-solving abilities.



Jeevandeep shaikshanik santha Poi's
Arts, Commerce and Science College Khardi
Commerce Department

Short Term Course skill Enhancement as well as self Employment

Board of Studies 2022-23

Sr No	Designation	Name of Person
1	Chairman	Prof. K.R.Kalkate (Principal)
2	Member	Asst.Prof. S.I.Khan (Co-ordinator and HOD of Department)
3	Member	Prof..Mayuri Kamble (Expert) Jssp A/C/S college Goveli
4	Member	Asst.Prof.Nilesh Sarakte
5	Member	Asst.Prof S.S.Sable
6	Member	Asst Prof. Vishal Bhosale (IQAC-Coordinator)

Minutes of the Meeting

Board of Studies meeting of the Short term Certificate Course in skill Enhancement as well as self Employment. IT was conducted on 02-12-2022 at 12.00 p.m. in the Department of Commerce. The following members were present in the meeting. Following Points are discussed in this meeting.

1. Syllabus formation of skill Enhancement as well as self Employment short term course.
2. Dissemination of work
3. Encouragement of Student
4. Exam of short term course


Co-Ordinator



Members


Principal
Jeevandeep Shaikshanik Sanstha Poi's
Art's, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.

Jeevandeep Shaikshnik Santha Sanchalit
Arts, Commerce and Science College, Khardi
Commerce Department

**Short Term Course on Skill Enhancement as well as Self
Employment**

1. What does ITR stand for?

- a) Income Tax Return
- b) Internal Tax Revenue
- c) Individual Tax Report
- d) Investment Tax Refund

Correct Answer: a) Income Tax Return

2. Which form is used for filing individual income tax returns, including salaried individuals?

- a) ITR-2
- b) ITR-1
- c) ITR-3
- d) ITR-4

Correct Answer: b) ITR-1

3. What is the due date for filing ITR-1 for the assessment year 2022-23 for individuals not required to be au

- a) 31st July 2023
- b) 30th June 2023
- c) 31st August 2023
- d) 31st October 2023

Correct Answer: c) 31st August 2023

4. Which individuals are eligible to file ITR-1?

- a) Individuals with income from business or profession
- b) Individuals with income from capital gains
- c) Salaried individuals with income up to Rs. 50 lakhs
- d) Non-resident individuals

Correct Answer: c) Salaried individuals with income up to Rs. 50 lakhs

5. What is the penalty for filing ITR after the due date but before December 31st of the assessment year?

- a) Rs. 5,000
- b) Rs. 10,000
- c) Rs. 1,000
- d) No penalty

Correct Answer: c) Rs. 1,000

6. Which section of the ITR-1 form is used to declare exempt income?

- a) Schedule TDS
- b) Schedule EI
- c) Schedule OS
- d) Schedule IT

Correct Answer: b) Schedule EI

7. What does TDS stand for in the context of income tax filing?

- a) Tax Deducted at Source
- b) Total Deductible Salary



- c) Total Dependent Sum
- d) Tax Deductible Savings

Correct Answer: a) Tax Deducted at Source

8. In ITR-1, where should details of income from house property be provided?

- a) Schedule S
- b) Schedule HP
- c) Schedule D
- d) Schedule B

Correct Answer: b) Schedule HP

9. What is the maximum limit for claiming a deduction under Section 80C in ITR-1?

- a) Rs. 1 lakh
- b) Rs. 1.5 lakhs
- c) Rs. 2 lakhs
- d) Rs. 50,000

Correct Answer: b) Rs. 1.5 lakhs

10. Which ITR form is applicable to a taxpayer having income from business or profession?

- a) ITR-1
- b) ITR-2
- c) ITR-3
- d) ITR-4

Correct Answer: c) ITR-3

11. Under which section of the ITR-1 form should you provide details of salary income?

- a) Schedule CG
- b) Schedule SI
- c) Schedule S
- d) Schedule HP

Correct Answer: c) Schedule S

12. What is the purpose of providing a PAN (Permanent Account Number) in the ITR form?

- a) To identify the taxpayer
- b) To calculate taxable income
- c) To determine the due date of filing
- d) To claim deductions

Correct Answer: a) To identify the taxpayer

13. What does EVC stand for in the context of ITR filing?

- a) Electronic Verification Code
- b) Estimated Value Calculation
- c) Exempted Value Certificate
- d) Efficient Verification Code

Correct Answer: a) Electronic Verification Code

14. Which document is NOT required to be attached while filing ITR-1 online?

- a) Form 16



- b) Bank statements
- c) Aadhar card
- d) Proof of investment

Correct Answer: b) Bank statements

15. How is income from other sources reported in ITR-1?

- a) Schedule CG
- b) Schedule OS
- c) Schedule SI
- d) Schedule IT

Correct Answer: b) Schedule OS

16. Who is required to file ITR-1 even if their income is below the taxable limit?

- a) Senior citizens
- b) Individuals with exempt income
- c) Individuals with foreign income
- d) Individuals with high deductions

Correct Answer: c) Individuals with foreign income

17. What is the penalty for providing incorrect information in the ITR?

- a) Rs. 5,000
- b) 100% of the tax evaded
- c) 1% of the total income
- d) No penalty

Correct Answer: b) 100% of the tax evaded

18. Under which section of ITR-1 should you provide details of tax-saving investments?

- a) Schedule EI
- b) Schedule IT
- c) Schedule VI
- d) Schedule 80C

Correct Answer: d) Schedule 80C

19. What is the purpose of the 'Verification' page in the ITR-1 form?

- a) To calculate the tax liability
- b) To provide additional information
- c) To declare the authenticity of the information
- d) To claim deductions

Correct Answer: c) To declare the authenticity of the information

20. What is the maximum limit for claiming a deduction under Section 80D in ITR-1?

- a) Rs. 25,000
- b) Rs. 50,000
- c) Rs. 1 lakh
- d) Rs. 2 lakhs

Correct Answer: a) Rs. 25,000

21. In ITR-1, where should details of exempt income be provided?



- a) Schedule EI
- b) Schedule IT
- c) Schedule OS
- d) Schedule VI

Correct Answer: a) Schedule EI

22. Which ITR form is applicable to a taxpayer with income from salary, one house property, and other sour

- a) ITR-1
- b) ITR-2
- c) ITR-3
- d) ITR-4

Correct Answer: a) ITR-1

23. What is the penalty for not filing ITR at all?

- a) Rs. 5,000
- b) 1% of the income
- c) 100% of the tax evaded
- d) No penalty

Correct Answer: c) 100% of the tax evaded

24. Which ITR form is applicable to a Hindu Undivided Family (HUF)?

- a) ITR-1
- b) ITR-2
- c) ITR-3
- d) ITR-4



JEEVANDEEP SHAIKSHNIK SANSTHA'S
ARTS, COMMERCE AND SCEINCE COLLEGE, Khardi
COMMERCE DEPARTMENT

(2022-23)

Short Term Course on Skill Enhancement as well as Self Employment

RESULT

SR.N O.	NAME OF STUDENT	CLASS	MARKS
1	CHIKANE ASMIT JITENDRA	FYBCOM	16
2	SHAHA AKBAR RAFIK	FYBCOM	15
3	VIDE SHEETAL SHARAD	FYBCOM	17
4	BENKE PAI LAVI PANDURANG	FYBCOM	15
5	BENKE POOJA BABAN	FYBCOM	16
6	BIRADAR POONAM GANESH	FYBAF	18
7	CHAUDHARI AMITKUMAR ASHOK	FYBAF	16
8	CHAUDHARY SANJU GANESHRAM	FYBAF	19
9	DESALE CHANCHAL GURUNATH	FYBAF	18
10	TRIPATHI SNEHA SANTOSH	FYBAF	15
11	BHUDBHUDE RAJU SURESH	SYBCOM	16
12	YASHVANTRAO SHREYA ARJUN	SYBCOM	19
13	VISHE ROHIT ANANTA	SYBCOM	17
14	GOLE TUSHAR SHIVAJI	SYBCOM	16
15	SHAHU SANSKRUTI VISHWAKUMAR	SYBCOM	16
16	AWARI MAYURI RAJARAM	SYBAF	18
17	CHANNE SHWETA RAJENDRA	SYBAF	18
18	UMBARGONDE MADHURI RAMNATH	SYBAF	18



19	DESALE KOMAL SUNIL	SYBAF	15
20	DESALE RITUKA RANGNATH	SYBAF	16
21	SHAIKH MISSBA AJAM	TYBCOM	16
22	SHAIKH NAVSHIN MUNAF	TYBCOM	17
23	GHANEKAR SAKSHI VINAYAK	TYBCOM	17
24	GATKHAL ROHIT GORAKH	TYBCOM	17
25	DESALE SAMIR SHANKAR	TYBCOM	17
26	RUPWATE ROHIT DILIP	TYBAF	16
27	DUBHELE PRATHMESH	TYBAF	15
28	MUSALE PRITI CHANDRAKANT	TYBAF	18
29	PAWAR AJINKYA NITIN	TYBAF	17
30	THOMBARE YUVRAJ KISAN	TYBAF	16
31	DONDE PRASAD RAJENDRANATH	SYBCOM	16
32	HARAD NILESH EKNATH	SYBCOM	16
33	KANKOSHE AVINASH ANIL	SYBCOM	16
34	LOHAKARE VRUSHALI SITARAM	SYBCOM	19
35	MALI PRAKASH RAMESH	SYBCOM	17
36	DEORUKHKAR VIRAJ NARESH	SYBCOM	17
37	AMALE BHAVANA PRAKASH	SYBCOM	15
38	RAJPUT PRIYANKA BABUSINGH	SYBCOM	18
39	BHOIR RAHUL CHANDRAHANS	SYBCOM	17
40	SARKHOT MANDAR SHARAD	SYBCOM	17
41	CHAURE PRATIK NIVRUTTI	SYBCOM	18
42	DHANKE KUNAL VILAS	SYBAF	15
43	DHASADE AKSHADA KERU	SYBAF	18
44	DHASADE NIKITA GURUNATH	SYBAF	15
45	DHASADE PRATIK UMESH	SYBAF	17



46	SASE PRATIK NARAYAN	FYBCOM	16
47	SAWANT OMKAR DILIP	FYBCOM	18
48	CHAMPANERI VAIBHAV PRAFUL	FYBCOM	15
49	CHAUDHARI PRAJYOT DHARMA	FYBCOM	15
50	CHAUDHARI PREM DILIP	FYBCOM	18
51	CHAUDHARI RAHUL GAURU	FYBCOM	15
52	GHADSHI SANIKA ANIL	FYBAF	18
53	GHARAT BHUSHAN GANPAT	FYBAF	15
54	GHARAT VASUDHA SUBHASH	FYBAF	17
55	GHODVINDE KALPESH BHASKAR	FYBAF	16
56	INGALE ANUJ CHANDRAKANT	FYBAF	18
57	JADHAV SALONI DEEPAK	FYBAF	18
58	JAGE AKSHAY SHIRISH	FYBAF	16
59	VISHE SAMIR DNYANESWAR	TYBCOM	18
60	VISHE KAPIL BANDU	TYBCOM	18
61	MHASANE RAVINA RAMCHANDRA	TYBCOM	18
62	SANDE SAKSHI BABU	TYBCOM	15
63	PADWAL UMESH BHAU	TYBCOM	18
64	KIRPAN ABHIJIT DILIP	TYBCOM	16
65	FODSE UDDHAV BALU	TYBCOM	18
66	KHARBE AMAN ADIL	TYBCOM	19
67	SAPAT ADITI ANIL	TYBCOM	18
68	TEMBHE DARSHAN SURESH	TYBCOM	16
69	BANGAR RUSHIKESH BALARAM	TYBAF	15
70	GAIKAR MANISH RAJARAM	TYBAF	18
71	MAGAR VISHAL BALARAM	TYBAF	15
72	PADVAL SIDDHARTH EKANATH	TYBAF	16



73	GORLE BHAVESH RAVINDRA	TYBAF	16
74	PATIL SAHIL YASHAWANT	FYBAF	17
75	SUROSHI DHIRAJ SUBHASH	TYBAF	18
76	SARKHOT VISHAL VILAS	FYBCOM	16
77	SHAIKH ABDUL RAHEMAN	FYBCOM	16
78	SHAIKH MUSKAN NIYAJ	FYBCOM	16
79	SHAIKH SALINA NIYAJ	FYBCOM	15
80	SHAIKH SHAHIN BEGUM	FYBCOM	17
81	SHARMA AMAN PRAKASH	FYBCOM	18
82	SHELAR AVINASH CHANDRAKANT	FYBCOM	17
83	SHELAWALE SUCHIT MADHUKAR	FYBCOM	16
84	SHELVALE AJAY ASHOK	FYBCOM	17
85	SHID NIKITA SURESH	FYBCOM	18
86	SHINDE ARYAN SANJAY	FYBCOM	18
87	SINGH ANJALI KUMARI SOHAN	FYBCOM	17
88	DHASADE SHITAL SUNIL	FYBAF	17
89	DIGE TANUJA MARUTI	FYBAF	15
90	DUBHELE KIRTI MARUTI	FYBAF	19
91	DUBHELE MANASI KARTIK	FYBAF	17
92	DUBHELE SAMIR VAMAN	FYBAF	15
93	GHADSHI SANIKA ANIL	FYBAF	18
94	KOKATARE BHARAVI DATTU	FYBAF	15
95	JOSHI KIRAN KISAN	FYBAF	18
96	TUPANGE RIDDHI GAJANAN	SYBCOM	16
97	GHADI KASTURI NAMDEV	SYBCOM	15
98	CHAUDHARI ASHWINI VINOD	SYBCOM	17
99	SINGH RENUKA KARAN	SYBCOM	18



100	KHANDAGALE SAKSHI SHANTARAM	SYBCOM	16
101	PALASHIKAR VIPUL BALKRUSHNA	SYBCOM	18
102	SHELAR VIKRAM DILIP	SYBCOM	15
103	KANKOSHE YOGESH RAGHUNATH	SYBCOM	16
104	KENG MANOHAR SUDAM	SYBCOM	17
105	GHODESWAR MANALI CHANDRAKANT	SYBCOM	15
106	THAKARE SAKSHI ISHWAR	SYBCOM	17
107	PATAIT KANCHAN CHHAGALA	TYBCOM	17
108	PATAIT MAYUR CHHAGALA	TYBCOM	16
109	HARAD BHAGWAN EKNATH	TYBCOM	16
110	VARKUTE JAYESH SHIVRAM	TYBCOM	18
111	DUBHELE DEEP KASHINATH	TYBAF	18
112	KANTE SWARAJ GIRISH	TYBAF	16
113	JAWALE AATIF MUSALI	TYBAF	16
114	GHAWALI RAHUL RAVINDRA	TYBAF	16
115	BHANGARE SANKET SURESH	TYBAF	15
116	MAGAR VAIBHAVI GURUNATH	TYBAF	18
117	PATIL RUPESH SURESH	TYBAF	18
118	KASHIVALE SUMIT SANTOSH	TYBAF	17
119	PATIL KANCHAN PRABHAKAR	TYBAF	15
120	LONDHE ANKITA BALU	TYBAF	17



Principal

Jeevandeep Shaikshanik Sanstha Poi's
Art's, Commerce & Science College, Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.

SHORT TERM COURSE ON SKILL ENHANCEMENT AS WELL AS SELF EMPLOYMENT

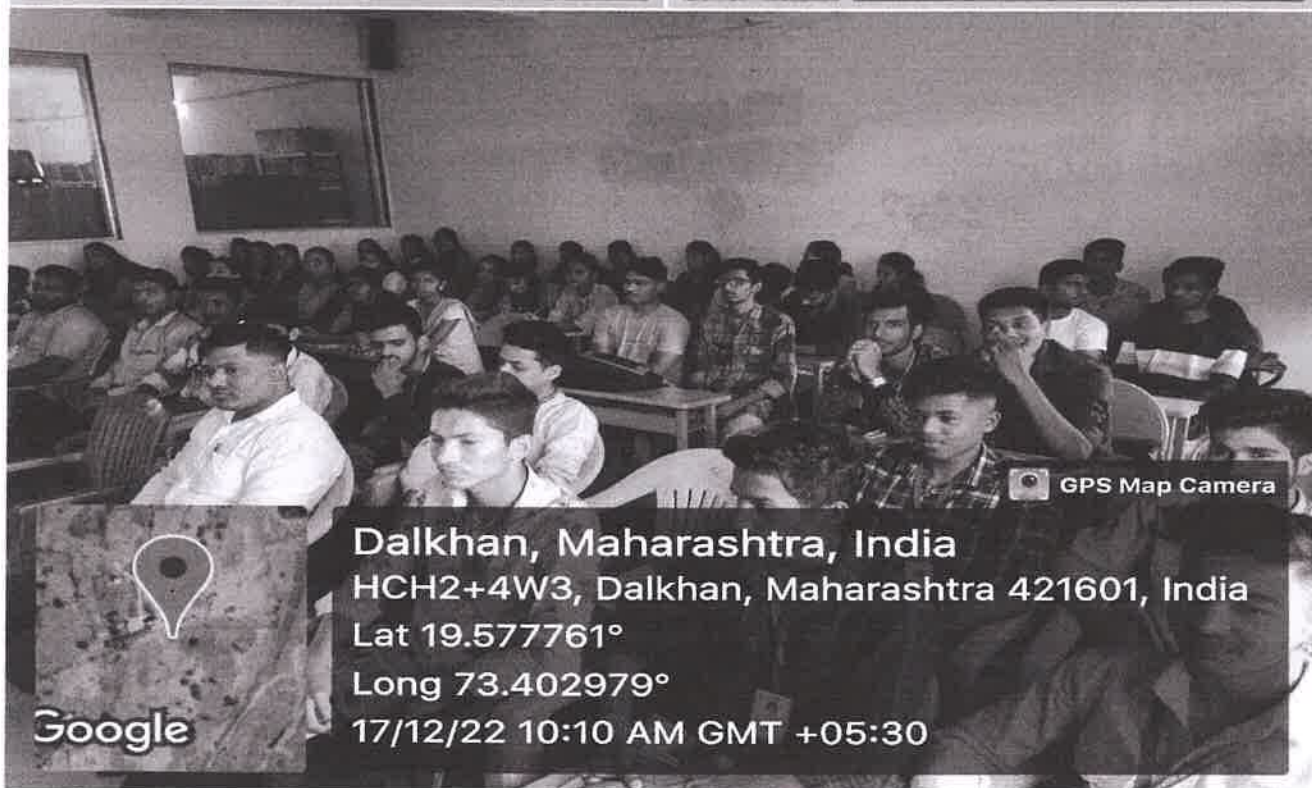
DATE: 17/12/2022



Dalkhan, Maharashtra, India
HCH2+4W3, Dalkhan, Maharashtra 421601, India
Lat 19.577876°
Long 73.402906°
17/12/22 10:09 AM GMT +05:30



Dalkhan, Maharashtra, India
HCH2+4W3, Dalkhan, Maharashtra 421601, India
Lat 19.577876°
Long 73.402906°
17/12/22 10:00 AM GMT +05:30



GPS Map Camera



Dalkhan, Maharashtra, India
HCH2+4W3, Dalkhan, Maharashtra 421601, India
Lat 19.577761°
Long 73.402979°
17/12/22 10:10 AM GMT +05:30





JEEVANDEEP SHAIKSHANIK SANSTHA'S POI'S

ARTS, COMMERCE & SCIENCE COLLEGE

(Affiliated to Mumbai University)

Mumbai University Affiliation No. Aff / Recog. /6403 of 2008 dt. 17th Oct. 2008
Govt. of Maharashtra Order No. NGC 2008 / (218 / 08) MS - 3, dt. 16/6/2008

Report on Short-Term Course on Skill Enhancement and Self-Employment

Introduction:

The short-term course on skill enhancement and self-employment, organised by College, aimed to empower participants with practical skills and entrepreneurial knowledge essential for self-sufficiency and economic empowerment. Held from 17-12-2022 to 14-01-2023, the course provided a comprehensive learning platform for Students seeking to augment their skill set and explore opportunities for self-employment.

Course Structure:

The course covered a diverse range of topics relevant to skill enhancement and entrepreneurship. Participants engaged in interactive sessions encompassing modules such as Identifying Market Opportunities, Business Planning, Financial Management, Marketing Strategies, and Legal Compliance.

Learning Outcomes:

Throughout the duration of the course, participants acquired practical skills. They gained proficiency in market research, business model development, financial planning, and customer acquisition strategies. Furthermore, participants developed a deep understanding of the legal and regulatory aspects of starting and operating a business.

Conclusion:

In conclusion, the 30-hour short-term course on skill enhancement and self-employment offered by College served personal and professional growth among participants. Equipped with practical skills, entrepreneurial knowledge, and a newfound sense of confidence, participants are well-positioned to pursue self-employment opportunities and contribute positively to economic development. The course received positive feedback from participants, underscoring its effectiveness in empowering individuals.



JEEVANDEEP SHAIKSHNIK SANSTHA POI'S
ARTS, COMMERCE AND SCIENCE COLLEGE, KHARDI
COMMERCE DEPARTMENT

SHORT- TERM COURSE SKILL ENHANCEMENT AS WELL AS SELF EMPLOYMENT PROGRAM

SR. NO	CONTENTS	NO. OF LECTURE
1	Introduction and background Brief history of income tax india Present Scenario in india in case of ITR	6 (Asst.Prof Salman Khan)
2	Why need Why should I pay tax What Government do from our tax Tax slab	6 (Asst.Prof. Mayuri Kamble)
3	Heads of income , slab in india Exemptions	6 (Asst.Prof. Nilesh sarkte)
4	Deduction Inter comparision of process of portel 1.0 and 2.0 Benefits of ITR filing	6 (Asst. Prof. Santosh Sable)
5	Deduction conclusion	6 (Asst. Prof. Vishal Bhosle)





**Jeevandeep Shaikshanik Sanstha's
ART'S, COMMERCE & SCIENCE COLLEGE,
KHARDI**

TALUKA – SHAHAPUR, DIST-THANE, STATE - MAHARASHTRA

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E- MAIL: -jeevandeepkhardi@gmail.com

WEBSITE - www.jeevandeepkhardi.com

**DEPARMENT OF INFORMATION TECHNOLOGY
CAREER ORIENTED SHORT TERM /CERTIFICATE
COURSE IN
CYBER AND INFORMATION SECURITY
(NETWORKAND COMMUNICATION SECURITY)**

Year 2022-23



Jeevandeep Shaikshanik Sanstha's
ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Short term course- CYBER AND INFORMATION SECURITY (NETWORK AND COMMUNICATION SECURITY)

Board of studies-2022-2023

Sr.No	Designation	Name of the person
1	Chairman	Shri . Ravindrda Ghodvinde
2	Principal	ASST.Prof .K. R.Kalkate(head of Marathi dept.)
3	member	ASST.PROF. Mrs.PUSHPA SABALE(head of IT Department)
4	member	ASST.PROF. Mrs. Mitail Minal Chaudhari (MSC Computer Science)
5	member	

Minutes of meeting

Board of Studies meeting of the Short Term Course / Certificate in CYBER AND INFORMATION SECURITY (NETWORK AND COMMUNICATION SECURITY) was conducted on 09.01.2023 to 25.01.2023 at 12.00 pm in the offline meeting in meeting room .Above members were present in the meeting .Following Points are discussed in this meeting .

1. Syllabus formation of CYBER AND INFORMATION SECURITY (NETWORK AND COMMUNICATION SECURITY) short term course.
2. Dissemination of work.
3. Fee structure
4. Encouragement of Student

Place: JSSP College. Khardi

Date:



Jeevandeep Shaikshanik Sanstha's
ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Department of Information Technology.

**Short term course: - CYBER AND INFORMATION SECURITY (NETWORK AND
COMMUNICATION SECURITY)**

Board of studies-2022-23

(PROGRAMME SYLLABUS)

Computer Security Principles of Security,
Different Attacks: malicious and non-malicious program
, Types of Computer Criminals.
Operating System Security: Protected objects and methods of protection.
Memory address protection: Fence, Relocation,
Base/Bound Registers,
Tagged Architecture,
Segmentation, Paging,
Directory,
access control list.
Database Security: Security requirements, Integrity,
Confidentiality,
Availability,
Reliability of Database,
Sensitive data,
Multilevel database,
Proposals for multilevel security.



Network Security Different types of network layer attacks,
Firewall (ACL, Packet Filtering, DMZ, Alerts and Audit Trails) – IDS ,IPS
and its types (Signature based, Anomaly based, Policy based, Honeypot based).
Web Server Security: SSL/TLS Basic Protocol-computing the keysclient authentication-PKI as deployed by SSL Attacks fixed in v3-
Exportability Encoding-Secure Electronic Transaction (SET)
, Kerberos
Cloud Security How concepts of Security apply in the cloud,
User authentication in the cloud;
How the cloud provider can provide this- Virtualization System Security Issues:
ESX and ESXi Security,
ESX file system security- storage considerations, backup and recoveryVirtualization System Vulnerabilities,
security management standards- SaaS, PaaS, IaaS availability management-
access control- Data security and storage in cloud.
Mobile Security: Mobile system architectures,
Overview of mobile cellular systems,
GSM and UMTS Security & Attacks,
Vulnerabilities in Cellular Services,
Cellular Jamming Attacks & Mitigation
, Security in Cellular VoIP Services,
Mobile application security
. Securing Wireless Networks:
Overview of Wireless Networks,
Scanning and Enumerating 802.11 Networks,
Attacking 802.11 Networks,



Bluetooth Scanning and Reconnaissance,
Bluetooth Eavesdropping,
Attacking & Exploiting Bluetooth,
Zigbee Security & Attacks.

Refrence Text book:

Security in Computing 4th edition, Charles P. Pfleeger, Charles P. Pfleeger, Shari Lawrence Pfleeger, Prentice Hall; 4th edition (2006) Mobile and Wireless Security and Privacy, Kia Makki, Peter Reiher, Springer, (2007). Cloud Security and Privacy: An Enterprise Perspective on Risks and Compliance (Theory and practice), Tim Mather, Subra Kumaraswamy, Shahed Latif, O'Reilly Media; 1 edition (2009)



Jeevandeep Shaikshanik Sanstha's
ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Department of Information Technology.

Short term course- CYBER AND INFORMATION SECURITY
(NETWORK AND COMMUNICATION SECURITY)

Board of studies-2022-23

Date: 27/12/22

C# Programming (Short Term Course) Theory Examination

February-2022 Timetable

Sr. No.	Day/Date	Time	Seat No.	Total Students
1	30 JAN 2023 MONDAY	12.00 TO 1.30 PM	223501-223559 226501-226560	108 119

Instructions:

1. The candidate should be present at least 15 min. before the start of the theory examination. Candidate coming late may not be examined.
2. Candidate should bring their college id entity card.
3. Use of mobile phones and other electronic gadgets are strictly prohibited in the examination hall.



Jeevandeep Shaikshanik Sanstha's
ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Department of Information Technology.

Short term course- Short term course- CYBER AND INFORMATION
SECURITY (NETWORK AND COMMUNICATION SECURITY)

Board of studies-2022-2023

Date: 28/01/23

ETHICAL HACKING (Short Term Course) Practical

Examination February-2023 TimeTable

Sr. No.	Day/Date	Time	Seat No.	Total Students
1	1 FEB 2023 Wednesday	12.00 TO 1.30 PM	223501-223559 226501-226560	100 119

Instructions:

1. The candidate should be present at least 15 min. before the start of the theory examination. Candidate coming late may not be examined.
2. Candidate should bring their college id entity card.
3. Use of mobile phones and other electronic gadgets are strictly prohibited in the examination hall.



Jeevandeep Shaikshanik Sanstha's

Arts, Commerce and Science College, Khardi.2022-2023

Department information Technology

Short term Course -CYBER AND INFORMATION SECURITY (NETWORK AND COMMUNICATION SECURITY)

Subject CYBER AND INFORMATION SECURITY (NETWORK AND COMMUNICATION SECURITY)

Marks= 50

Time= 1 hour

1. What is Cyber Security?

- a) Cyber Security provides security against malware
- b) Cyber Security provides security against cyber-terrorists
- c) Cyber Security protects a system from cyber-attacks
- d) All of the mentioned

ANS _____

2. What does cyber security protect?

- a) Cyber security protects criminals
- b) Cyber security protects internet-connected systems
- c) Cyber security protects hackers
- d) None of the mentioned

ANS _____

3. Which of the following is a type of cyber security?

- a) Cloud Security
- b) Network Security
- c) Application Security
- d) All of the above

ANS _____

4. Which of the following is a component of cyber security?

- a) Internet Of Things
- b) AI
- c) Database
- d) Attacks

ANS _____

5. "Cyberspace" was coined by _____

- a) Richard Stallman
- b) William Gibson
- c) Andrew Tannenbaum
- d) Scott Fuhrman

ANS _____

6. Which of the following act violates cyber security?

- a) Exploit



- b) Attack
- c) Threat
- d) Vulnerability

ANS _____

7. A cyber-criminal or penetration tester uses the additional data that stores certain special instructions in the memory for activities to break the system in which of the following attack?

- a) Clickjacking
- b) Buffer-overflow
- c) Phishing
- d) MiTM

ANS _____

8. IT security in any firm or organization is maintained and handled by _____

- a) Software Security Specialist
- b) CEO of the organization
- c) Security Auditor
- d) IT Security Engineer

ANS _____

9. Which of the following is an internet scam done by cyber-criminals where the user is convinced digitally to provide confidential information.

- a) MiTM attack
- b) Phishing attack
- c) Website attack
- d) DoS attack

ANS _____

10. Which of the following is not an email-related hacking tool?

- a) Mail Password
- b) Email Finder Pro
- c) Mail PassView
- d) Sendinc

ANS _____

11. Which of the following ethical hacking technique is used for determining which operating system (OS) is running on a remote computer?

- a) Operating System fingerprinting
- b) Operating System penetration testing
- c) Digital-printing
- d) Machine printing

ANS _____

12. This is the model designed for guiding the policies of Information security within a company, firm or organization. What is "this" referred to here?

- a) Confidentiality
- b) Non-repudiation
- c) CIA Triad
- d) Authenticity

ANS _____



13. When you use the word _____ it means you are protecting your data from getting disclosed.

- a) Confidentiality
- b) Integrity
- c) Authentication
- d) Availability

ANS _____

14. _____ of information means, only authorised users are capable of accessing the information.

- a) Confidentiality
- b) Integrity
- c) Non-repudiation
- d) Availability

ANS _____

15. Data _____ is used to ensure confidentiality.

- a) Encryption
- b) Locking
- c) Deleting
- d) Backup

ANS _____

16. _____ is the latest technology that faces an extra challenge because of CIA paradigm.

- a) Big data
- b) Database systems
- c) Cloud storages
- d) Smart dust

ANS _____

17. Which of the following is not an OS for mobile?

- a) Palm
- b) Windows
- c) Mango
- d) Android

ANS _____

18. Mobile Phone OS contains open APIs that may be _____ attack.

- a) useful for
- b) vulnerable to
- c) easy to
- d) meant for

ANS _____

19. _____ is the protection of smart-phones, phablets, tablets, and other portable tech-devices, & the networks to which they connect to, from threats & bugs.

- a) OS Security
- b) Database security
- c) Cloud security
- d) Mobile security

ANS _____



20. DDoS in mobile systems wait for the owner of the _____ to trigger the attack.

- a) worms
- b) virus
- c) botnets
- d) programs

ANS _____

21. App permissions can cause trouble as some apps may secretly access your memory card or contact data.

- a) True
- b) False

ANS _____

22. Try not to keep _____ passwords, especially fingerprint for your smart-phone, because it can lead to physical hacking if you're not aware or asleep.

- a) Biometric
- b) PIN-based
- c) Alphanumeric
- d) Short

ANS _____

23. Which of the following is not a security issue for PDAs?

- a) Password theft
- b) Data theft
- c) Reverse engineering
- d) Wireless vulnerability

ANS _____

24. _____ is the sum of all the possible points in software or system where unauthorized users can enter as well as extract data from the system.

- a) Attack vector
- b) Attack surface
- c) Attack point
- d) Attack arena

ANS _____

25. Security bugs are also known as _____

- a) security defect
- b) security problems
- c) system defect
- d) software error

ANS _____



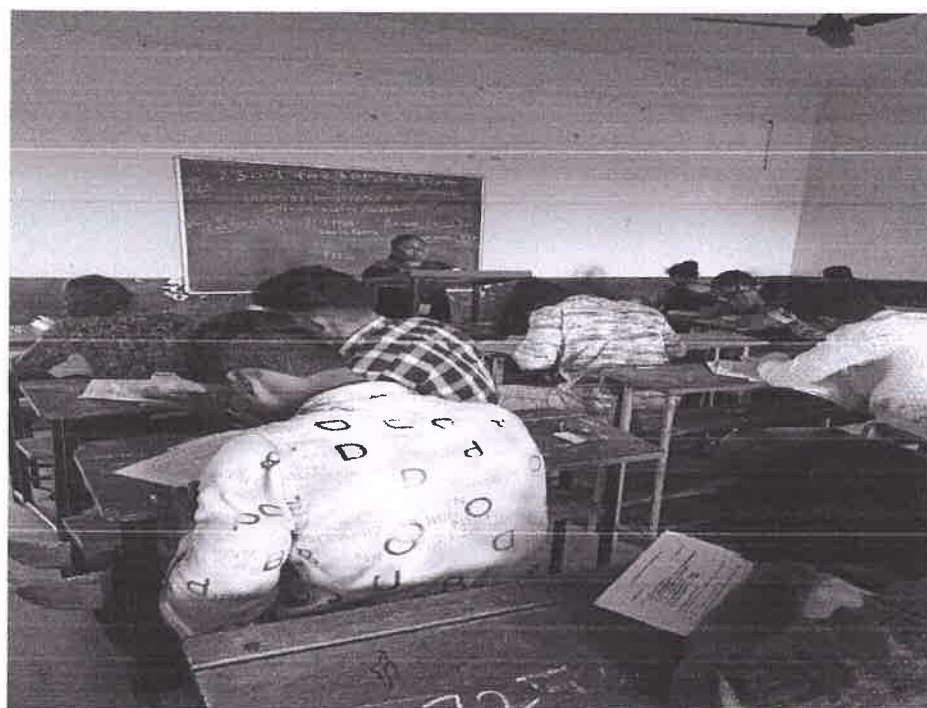
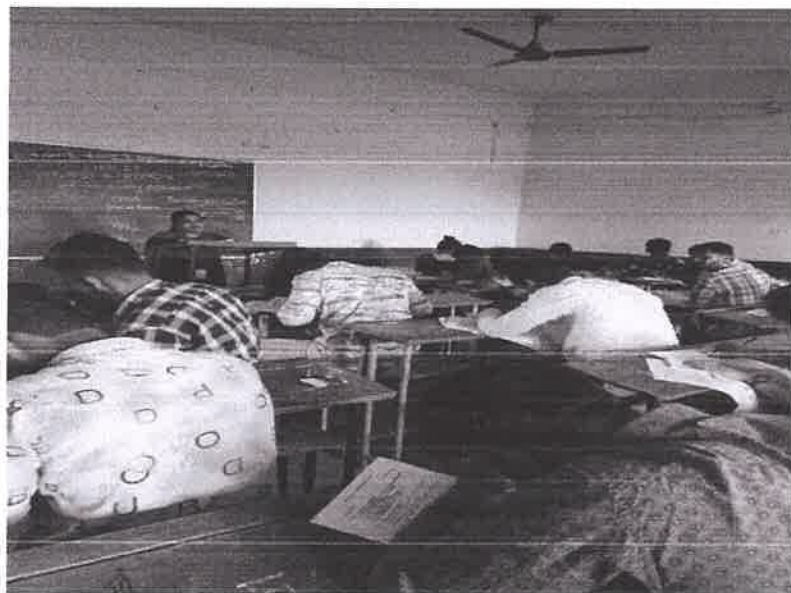
Jeevandeep Shaikshanik Sanstha's

**ART'S, COMMERCE & SCIENCE COLLEGE, Khardi
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA**

Department of Information Technology.

**Short term course- CYBER AND INFORMATION SECURITY (NETWORK
AND COMMUNICATION SECURITY)**

Year 2022-23







Jeevandeep Shaikshanik Sanstha's
ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Department of Information Technology.

Subject CYBER AND INFORMATION SECURITY (NETWORK AND
COMMUNICATION SECURITY)

Marks= 50

Time= 1 hour

Practical Exam

Write down and perform any one practical in the following.

1. Study of steps to protect your personal computer system by creating User Accounts with Passwords and types of User Accounts for safety and security.
2. Study the steps to protect a Microsoft Word Document of different version with different operating system.
3. Study the steps to remove Passwords from Microsoft Word
4. Study various methods of protecting and securing databases.
5. Study "How to make strong passwords" and "passwords cracking techniques".
6. Study the steps to hack a strong password



Jeevandeep Shaikshanik Sanstha's
ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

Department of Information Technology.

Short term course-

CYBER AND INFORMATION SECURITY (NETWORK AND COMMUNICATION SECURITY)

Board of studies-2022-23 (theory)

SR.NO	NAME OF STUDENT	ROLL NO	THEORY(50)
1	FASALE RESHMA SANTOSH SANGEETA	223501	32
2	BHANGARE KIRAN SAVLIRAM GEETA	223508	34
3	HAMARE DIVYA LAXMAN SHALINI	223503	45
4	DONGARE VEDIKA SHIVRAM SARITA	223504	37
5	BHANGARE SWAPNIL RAMESH THAKUBAI	223559	38
6	BHANGARE VAIBHAV LAXMAN INDIRA	223529	35
7	BHOIR PANKAJ PUNDALIK POOJA	223540	29
8	BHOIR ROHIT NANDU YAMUNA	223557	24
9	BHAGAT VAISHNAVI RAJU MANGAL	223509	36
10	UGALE TEJAL UTTAM DARSHANA	223510	41
11	PAWAR VARSHA RAMESH POOJA	223511	36
12	DONGARE DEVYANI BHAI SHARADA	223512	42
13	SARUKTE KOMAL KALU LAHANUBAI	223513	26
14	BHONDAVE HARSHAL VISHNU SAVITA	223552	39
15	VARKUTE KOMAL PADMAKAR MANISHA	223515	41
16	BONDRE PRATIK PRAKASH SANGITA	223560	22
17	DAGALE RAJ DINESH DEEPALI	223543	32
18	PAWAR SAMBODHI NARENDRA SAPANA	223519	34
19	DESALE SAHIL RAMESH RAVINA	223548	32
20	DESALE VISHAL SHANKAR VAISHALI	223507	45



21	DEVACHE AVIDNYA PANDURANG MEERA	223506	37
22	GANGURDE ANIKET DINESH NIRMALA	223549	38
23	GHARAT BHAVESH VASANT NANDA	223502	35
24	GHAVAT SHUBHAM RAVINDRA	223514	29
25	HARANE ABHAY CHANDRAKANT MANDA	223544	34
26	TRIPATHI RIMZIM VINODKUMAR ARCHANA	223527	23
27	SAPALE POOJA ARUN SUGANDHA	223528	41
28	KACHARE TANAY BHARAT KAVITA	223524	24
29	BHOIR RUCHA PANDURANG KAVITA	223530	34
30	KALE PRAVIN SHANTARAM BHAGYASHREE	223520	36
31	VARAKUTE VRUSHALI DATTATRAYA KAVITA	223532	29
32	KAMADI MAHENDRA SANTOSH SAVITA	223526	42
33	KANHAV DNYANESHWAR RAJENDRA	223538	28
34	KHARE SHARON RAVIKANT SMITA	223534	36
35	MORE SAMYAK VILAS RAMA	223521	41
36	NICHITE ADITYA GURUNATH ROHINI	223553	34
37	PATIL SAHIL AJIT YOGITA	223555	32
38	PAWAR ROHIT SANTOSH BHARATI	223536	45
39	PESHWANI MAHESH JAMANU VIDYA	223550	37
40	BADE JANAVI SOPAN VIJAYA	223541	38
41	POKALA VAIBHAV JAGAN SHILA	223525	35
42	RASALKAR ROHAN KISHOR KAVITA	223531	29
43	SABALE TUSHAR SUNIL MANGAL	223537	34
44	SALVE PRATHAMESH RAJESH SAMIKA	223554	23
45	NAR ADITI DASHRATH DIKSHA	223546	37
46	SADGIR VAISHALI NANA GANGUBAI	223547	42
47	SAPALE TEJAS MADHUKAR MADHURI	223523	41
48	SATPUTE PRAFUL VASANT VIDYA	223535	39



49	SAWAIKAR PREM VILAS ANITA	223542	38
50	VISHE PRACHI PADMAKAR PRAMILA	223551	36
51	SOSHTI TEJAS RAMDAS NAYAN	223505	36
52	TILORE SHUBHAM BALU ANJANA	223522	35
53	TUPE AYUSH UMESH SAKSHI	223558	29
54	VADVALE YUVRAJ RAMCHANDRA ROHINI	223518	22
55	CHAUDHARI KHUSHI SANTOSH SANJANA	223556	43
56	VARKUTE SACHIN KISHOR MEENA	223545	27
57	VEKHANDE DHEERAJ RAMCHANDRA	223539	37
58	VEKHANDE OMKAR YASHWANT NANDA	223533	40
59	VISHE RUTIK RAMCHANDRA ROHINI	223516	30
60	MAHAJAN SWAPNIL RAJESH	226501	37
61	IRNAK YASH SANTOSH	226502	34
62	LAD SHUBHAM PANDURANG	226503	26
63	SINGH SATYAM SUGRIV	226504	36
64	JADHAV PRACHITEE YASHAWANT	226505	25
65	NICHITE DHANASHRI SITARAM	226506	35
66	SANGALE LATIKA SUNIL	226518	36
67	NADEKAR YASH NAGU	226508	41
68	UBALE HARSHADA SUNIL	226509	30
69	HARANE DIPTI SANJAY	226510	40
70	SHEWALE KUNAL TANAJI	226511	35
71	DESALE ARATI SHIVAJI	226512	38
72	PATANKAR RITIKA SHASHIKANT	226513	25
73	BHERE HARSHALA RAGHUNATH	226544	34
74	KOLEKAR YADNESH PANDURANG	226515	38
75	JADHAV SOMNATH MADHUKAR	226516	35
76	BHOIR VRUSHALI VINAYAK	226517	26



77	DEORE AKSHAY RAJENDRA	226557	35
78	DHARAVANE AJIT ASHOK	226541	24
79	VIRKAR RANI LAXMAN	226520	39
80	DHNAKE PARIKSHIT VILAS	226549	41
81	DINGORE OMKAR ASHOK	226550	34
82	FARDE AKSHAY BALKRISHNA	226556	38
83	GHARAT HARISHCHSNDRA KASHINATH	226559	41
84	GHARAT SAMIR HARISHCHANDRA	226532	26
85	GODE ANIKET SHIVAJI	226525	35
86	GUNJAL PRIYANKA SAMADHAN	226551	32
87	HAMBIR KETAN BHASKAR	226528	22
88	PATIL ISHWAR BHALACHANDRA	226529	47
89	VISHE YASH RAMCHANDRA	226530	25
90	HARAD SURAJ JAYWANT	226519	35
91	NIMASE VAIBHAV DEEPAK	226540	26
92	ADHIKARI CHAITANY PRAVIN	226533	29
93	PAWAR SAYALI SURENDRA	226522	30
94	HARAD CHETAN GURUNATH	226535	40
95	DONGARE SHUBHAM ARUN	226536	28
96	RASAL SADHANA DASHRATH	226545	31
97	RAUNDAL DIPALI BHAUSAHEB	226526	35
98	PATIL BHAVESH UMESH	226539	40
99	SHAIKH SAJIDA KHALIL	226543	25
100	VIDE NAMRATA KASHINATH	226534	39
101	VISHE MAYURESH DASHARATH	226521	45
102	CHAUDHARI PRITAM PRAKASH	226552	35
103	CHAUDHARI AKSHAY CHANDRAKANT	226514	26
104	DALVI SURYAKANT SAKHARAM	226538	35



105	SHINDE RITIK SANJAY	226546	37
106	PAWAR ANIKET GANESH	226547	25
107	ROKADE KETAN ASHOK	226548	34
108	AMBURLE OMKAR VASANT	226537	36
109	AMBHORE NITIN GAUTAM	226542	25
110	AMBOKAR NIRANJAN VIJAY	226527	30
111	HANKARE PRADNYA ANAND	226523	38
112	NIRWANE ANIKET BALU	226524	24
113	GANGURDE PRAVIN NIVRUTTI	226554	36
114	HARAD YATIN GURUNATH	226555	26
115	SALVE AKSHAY NAVNEET	226553	35
116	DAMSE UMESH GANPAT	226507	25
117	TANDEL PRASHANT ANANT	226558	35
118	KARKE PRABHAKAR PRAFUL	226531	24
119	SAWANT VIVEK NARENDRA	226560	45



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Short term course-

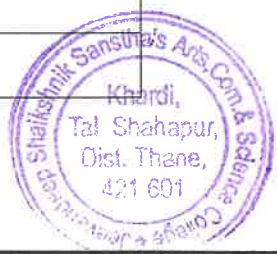
CYBER AND INFORMATION SECURITY (NETWORK AND COMMUNICATION SECURITY)

Board of studies-2022-23 (PRATICAL)

SR.NO	NAME OF STUDENT	ROLL NO	PRATICALS(40)	ORAL(10)
1	FASALE RESHMA SANTOSH SANGEETA	223501	23	5
2	BHANGARE KIRAN SAVLIRAM GEETA	223508	34	7
3	HAMARE DIVYA LAXMAN SHALINI	223503	25	6
4	DONGARE VEDIKA SHIVRAM SARITA	223504	26	5
5	BHANGARE SWAPNIL RAMESH THAKUBAI	223559	34	7
6	BHANGARE VAIBHAV LAXMAN INDIRA	223529	36	4
7	BHOIR PANKAJ PUNDALIK POOJA	223540	28	6
8	BHOIR ROHIT NANDU YAMUNA	223557	34	7
9	BHAGAT VAISHNAVI RAJU MANGAL	223509	34	5
10	UGALE TEJAL UTTAM DARSHANA	223510	23	4
11	PAWAR VARSHA RAMESH POOJA	223511	28	6
12	DONGARE DEVYANI BHAU SHARADA	223512	36	4
13	SARUKTE KOMAL KALU LAHANUBAI	223513	34	7
14	BHONDAVE HARSHAL VISHNU SAVITA	223552	29	8
15	VARKUTE KOMAL PADMAKAR MANISHA	223515	22	5
16	BONDRE PRATIK PRAKASH SANGITA	223560	26	8
17	DAGALE RAJ DINESH DEEPALI	223543	24	5
18	PAWAR SAMBODHI NARENDRA	223519	37	9



	SAPANA			
19	DESALE SAHIL RAMESH RAVINA	223548	39	4
20	DESALE VISHAL SHANKAR VAISHALI	223507	34	6
21	DEVACHE AVIDNYA PANDURANG MEERA	223506	34	5
22	GANGURDE ANIKET DINESH NIRMALA	223549	37	5
23	GHARAT BHAVESH VASANT NANDA	223502	28	7
24	GHAVAT SHUBHAM RAVINDRA VASUNDHARA	223514	27	9
25	HARANE ABHAY CHANDRAKANT MANDA	223544	24	8
26	TRIPATHI RIMZIM VINODKUMAR ARCHANA	223527	21	7
27	SAPALE POOJA ARUN SUGANDHA	223528	28	6
28	KACHARE TANAY BHARAT KAVITA	223524	34	6
29	BHOIR RUCHA PANDURANG KAVITA	223530	26	5
30	KALE PRAVIN SHANTARAM BHAGYASHREE	223520	25	8
31	VARAKUTE VRUSHALI DATTATRAYA KAVITA	223532	32	9
32	KAMADI MAHENDRA SANTOSH SAVITA	223526	26	9
33	KANHAV DNYANESHWAR RAJENDRA DROPADI	223538	25	3
34	KHARE SHARON RAVIKANT SMITA	223534	28	7
35	MORE SAMYAK VILAS RAMA	223521	36	6
36	NICHITE ADITYA GURUNATH ROHINI	223553	27	5
37	PATIL SAHIL AJIT YOGITA	223555	34	7
38	PAWAR ROHIT SANTOSH BHARATI	223536	33	5
39	PESHWANI MAHESH JAMANU VIDYA	223550	34	5
40	BADE JANAVI SOPAN VIJAYA	223541	37	7



41	POKALA VAIBHAV JAGAN SHILA	223525	27	9
42	RASALKAR ROHAN KISHOR KAVITA	223531	23	8
43	SABALE TUSHAR SUNIL MANGAL	223537	34	7
44	SALVE PRATHAMESH RAJESH SAMIKA	223554	23	6
45	NAR ADITI DASHRATH DIKSHA	223546	35	6
46	SADGIR VAISHALI NANA GANGUBAI	223547	26	5
47	SAPALE TEJAS MADHUKAR MADHURI	223523	35	5
48	SATPUTE PRAFUL VASANT VIDYA	223535	37	7
49	SAWAIKAR PREM VILAS ANITA	223542	25	9
50	VISHE PRACHI PADMAKAR PRAMILA	223551	34	8
51	SOSHTTE TEJAS RAMDAS NAYAN	223505	36	7
52	TILORE SHUBHAM BALU ANJANA	223522	25	6
53	TUPE AYUSH UMESH SAKSHI	223558	30	6
54	VADAVALE YUVRAJ RAMCHANDRA ROHINI	223518	38	5
55	CHAUDHARI KHUSHI SANTOSH SANJANA	223556	24	8
56	VARKUTE SACHIN KISHOR MEENA	223545	36	9
57	VEKHANDE DHEERAJ RAMCHANDRA RAGINI	223539	26	9
58	VEKHANDE OMKAR YASHWANT NANDA	223533	35	6
59	VISHE RUTIK RAMCHANDRA ROHINI	223516	25	5
60	MAHAJAN SWAPNIL RAJESH	226501	35	5
61	IRNAK YASH SANTOSH	226502	35	7
62	LAD SHUBHAM PANDURANG	226503	26	9
63	SINGH SATYAM SUGRIV	226504	25	8
64	JADHAV PRACHITEE YASHAWANT	226505	32	7
65	NICHITE DHANASHRI SITARAM	226506	26	6
66	SANGALE LATIKA SUNIL	226518	25	6



67	NADEKAR YASH NAGU	226508	28	5
68	UBALE HARSHADA SUNIL	226509	26	8
69	HARANE DIPTI SANJAY	226510	25	9
70	SHEWALE KUNAL TANAJI	226511	32	9
71	DESALE ARATI SHIVAJI	226512	26	6
72	PATANKAR RITIKA SHASHIKANT	226513	26	5
73	BHERE HARSHALA RAGHUNATH	226544	25	5
74	KOLEKAR YADNESH PANDURANG	226515	32	7
75	JADHAV SOMNATH MADHUKAR	226516	35	9
76	BHOIR VRUSHALI VINAYAK	226517	26	8
77	DEORE AKSHAY RAJENDRA	226557	35	7
78	DHARAVANE AJIT ASHOK	226541	37	6
79	VIRKAR RANI LAXMAN	226520	25	6
80	DHNAKE PARIKSHIT VILAS	226549	34	5
81	DINGORE OMKAR ASHOK	226550	36	8
82	FARDE AKSHAY BALKRISHNA	226556	25	9
83	GHARAT HARISHCHSNDRA	226559	30	9
84	GHARAT SAMIR HARISHCHANDRA	226532	38	6
85	GODE ANIKET SHIVAJI	226525	24	5
86	GUNJAL PRIYANKA SAMADHAN	226551	36	5
87	HAMBIR KETAN BHASKAR	226528	26	7
88	PATIL ISHWAR BHALACHANDRA	226529	26	9
89	VISHE YASH RAMCHANDRA	226530	25	8
90	HARAD SURAJ JAYWANT	226519	32	7
91	NIMASE VAIBHAV DEEPAK	226540	26	6
92	ADHIKARI CHAITANY PRAVIN	226533	25	6
93	PAWAR SAYALI SURENDRA	226522	28	5
94	HARAD CHETAN GURUNATH	226535	35	8



95	DONGARE SHUBHAM ARUN	226536	26	9
96	RASAL SADHANA DASHRATH	226545	35	9
97	RAUNDAL DIPALI BHAUSAHEB	226526	37	6
98	PATIL BHAVESH UMESH	226539	25	5
99	SHAIKH SAJIDA KHALIL	226543	34	5
100	VIDE NAMRATA KASHINATH	226534	26	7
101	VISHE MAYURESH DASHARATH	226521	25	9
102	CHAUDHARI PRITAM PRAKASH	226552	32	8
103	CHAUDHARI AKSHAY CHANDRAKANT	226514	26	7
104	DALVI SURYAKANT SAKHARAM	226538	25	6
105	SHINDE RITIK SANJAY	226546	28	6
106	PAWAR ANIKET GANESH	226547	35	5
107	ROKADE KETAN ASHOK	226548	26	8
108	AMBURLE OMKAR VASANT	226537	35	9
109	AMBHORE NITIN GAUTAM	226542	37	9
110	AMBOKAR NIRANJAN VIJAY	226527	25	6
111	HANKARE PRADNYA ANAND	226523	34	5
112	NIRWANE ANIKET BALU	226524	36	5
113	GANGURDE PRAVIN NIVRUTTI	226554	25	7
114	HARAD YATIN GURUNATH	226555	30	9
115	SALVE AKSHAY NAVNEET	226553	38	8
116	DAMSE UMESH GANPAT	226507	24	7
117	TANDEL PRASHANT ANANT	226558	36	6
118	KARKE PRABHAKAR PRAFUL	226531	32	6
119	SAWANT VIVEK NARENDRA	226560	25	5



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Short term course-

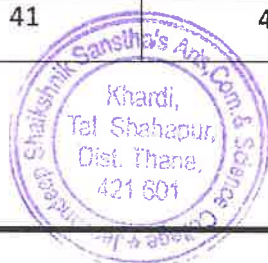
CYBER AND INFORMATION SECURITY (NETWORK AND COMMUNICATION SECURITY)

Board of studies-2022-23

SR.NO	NAME OF STUDENT	ROLL NO	THEORY	PRACTICAL	TOTAL
1	FASALE RESHMA SANTOSH SANGEETA	223501	32	28	60
2	BHANGARE KIRAN SAVLIRAM GEETA	223508	34	41	75
3	HAMARE DIVYA LAXMAN SHALINI	223503	45	31	76
4	DONGARE VEDIKA SHIVRAM SARITA	223504	37	31	68
5	BHANGARE SWAPNIL RAMESH	223559	38	41	79
6	BHANGARE VAIBHAV LAXMAN INDIRA	223529	35	40	75
7	BHOIR PANKAJ PUNDALIK POOJA	223540	29	34	63
8	BHOIR ROHIT NANDU YAMUNA	223557	24	41	65
9	BHAGAT VAISHNAVI RAJU MANGAL	223509	36	39	75
10	UGALE TEJAL UTTAM DARSHANA	223510	41	27	68
11	PAWAR VARSHA RAMESH POOJA	223511	36	34	70
12	DONGARE DEVYANI BHAU SHARADA	223512	42	40	82
13	SARUKTE KOMAL KALU LAHANUBAI	223513	26	41	67
14	BHONDAVE HARSHAL VISHNU SAVITA	223552	39	37	76
15	VARKUTE KOMAL PADMAKAR MANISHA	223515	41	27	68
16	BONDRE PRATIK PRAKASH SANGITA	223560	22	34	56
17	DAGALE RAJ DINESH DEEPALI	223543	32	29	61
18	PAWAR SAMBODHI NARENDRA SAPANA	223519	34	46	80
19	DESALE SAHIL RAMESH RAVINA	223548	32	43	75



20	DESALE VISHAL SHANKAR VAISHALI	223507	45	40	85
21	DEVACHE AVIDNYA PANDURANG	223506	37	39	76
22	GANGURDE ANIKET DINESH NIRMALA	223549	38	42	80
23	GHARAT BHAVESH VASANT NANDA	223502	35	35	70
24	GHAVAT SHUBHAM RAVINDRA	223514	29	36	65
25	HARANE ABHAY CHANDRAKANT	223544	34	32	66
26	TRIPATHI RIMZIM VINODKUMAR	223527	23	28	51
27	SAPALE POOJA ARUN SUGANDHA	223528	41	34	75
28	KACHARE TANAY BHARAT KAVITA	223524	24	40	64
29	BHOIR RUCHA PANDURANG KAVITA	223530	34	31	65
30	KALE PRAVIN SHANTARAM	223520	36	33	69
31	VARAKUTE VRUSHALI DATTATRAYA	223532	29	41	70
32	KAMADI MAHENDRA SANTOSH SAVITA	223526	42	35	77
33	KANHAV DNYANESHWAR RAJENDRA	223538	28	28	56
34	KHARE SHARON RAVIKANT SMITA	223534	36	35	71
35	MORE SAMYAK VILAS RAMA	223521	41	42	83
36	NICHITE ADITYA GURUNATH ROHINI	223553	34	32	66
37	PATIL SAHIL AJIT YOGITA	223555	32	41	73
38	PAWAR ROHIT SANTOSH BHARATI	223536	45	38	83
39	PESHWANI MAHESH JAMANU VIDYA	223550	37	39	76
40	BADE JANAVI SOPAN VIJAYA	223541	38	44	82
41	POKALA VAIBHAV JAGAN SHILA	223525	35	36	71
42	RASALKAR ROHAN KISHOR KAVITA	223531	29	31	60
43	SABALE TUSHAR SUNIL MANGAL	223537	34	41	75
44	SALVE PRATHAMESH RAJESH SAMIKA	223554	23	29	52
45	NAR ADITI DASHRATH DIKSHA	223546	37	41	78
46	SADGIR VAISHALI NANA GANGUBAI	223547	42	31	73
47	SAPALE TEJAS MADHUKAR MADHURI	223523	41	40	81



48	SATPUTE PRAFUL VASANT VIDYA	223535	39	44	83
49	SAWAIKAR PREM VILAS ANITA	223542	38	34	72
50	VISHE PRACHI PADMAKAR PRAMILA	223551	36	42	78
51	SOSHTTE TEJAS RAMDAS NAYAN	223505	36	43	79
52	TILORE SHUBHAM BALU ANJANA	223522	35	31	66
53	TUPE AYUSH UMESH SAKSHI	223558	29	36	65
54	VADAVALE YUVRAJ RAMCHANDRA	223518	22	43	65
55	CHAUDHARI KHUSHI SANTOSH	223556	43	32	75
56	VARKUTE SACHIN KISHOR MEENA	223545	27	45	72
57	VEKHANDE DHEERAJ RAMCHANDRA	223539	37	35	72
58	VEKHANDE OMKAR YASHWANT NANDA	223533	40	41	81
59	VISHE RUTIK RAMCHANDRA ROHINI	223516	30	30	60
60	MAHAJAN SWAPNIL RAJESH	226501	37	40	77
61	IRNAK YASH SANTOSH	226502	34	42	76
62	LAD SHUBHAM PANDURANG	226503	26	35	61
63	SINGH SATYAM SUGRIV	226504	36	33	69
64	JADHAV PRACHITEE YASHAWANT	226505	25	39	64
65	NICHITE DHANASHRI SITARAM	226506	35	32	67
66	SANGALE LATIKA SUNIL	226518	36	31	67
67	NADEKAR YASH NAGU	226508	41	33	74
68	UBALE HARSHADA SUNIL	226509	30	34	64
69	HARANE DIPTI SANJAY	226510	40	34	74
70	SHEWALE KUNAL TANAJI	226511	35	41	76
71	DESALE ARATI SHIVAJI	226512	38	32	70
72	PATANKAR RITIKA SHASHIKANT	226513	25	31	56
73	BHERE HARSHALA RAGHUNATH	226544	34	30	64
74	KOLEKAR YADNESH PANDURANG	226515	38	39	77
75	JADHAV SOMNATH MADHUKAR	226516	35	44	79



76	BHOIR VRUSHALI VINAYAK	226517	26	34	60
77	DEORE AKSHAY RAJENDRA	226557	35	42	77
78	DHARAVANE AJIT ASHOK	226541	24	43	67
79	VIRKAR RANI LAXMAN	226520	39	31	70
80	DHNAKE PARIKSHIT VILAS	226549	41	39	80
81	DINGORE OMKAR ASHOK	226550	34	44	78
82	FARDE AKSHAY BALKRISHNA	226556	38	34	72
83	GHARAT HARISHCHSNDRA KASHINATH	226559	41	39	80
84	GHARAT SAMIR HARISHCHANDRA	226532	26	44	70
85	GODE ANIKET SHIVAJI	226525	35	29	64
86	GUNJAL PRIYANKA SAMADHAN	226551	32	41	73
87	HAMBIR KETAN BHASKAR	226528	22	33	55
88	PATIL ISHWAR BHALACHANDRA	226529	47	35	82
89	VISHE YASH RAMCHANDRA	226530	25	33	58
90	HARAD SURAJ JAYWANT	226519	35	39	74
91	NIMASE VAIBHAV DEEPAK	226540	26	32	58
92	ADHIKARI CHAITANY PRAVIN	226533	29	31	60
93	PAWAR SAYALI SURENDRA	226522	30	33	63
94	HARAD CHETAN GURUNATH	226535	40	43	83
95	DONGARE SHUBHAM ARUN	226536	28	35	63
96	RASAL SADHANA DASHRATH	226545	31	44	75
97	RAUNDAL DIPALI BHAUSAHEB	226526	35	43	78
98	PATIL BHAVESH UMESH	226539	40	30	70
99	SHAIKH SAJIDA KHALIL	226543	25	39	64
100	VIDE NAMRATA KASHINATH	226534	39	33	72
101	VISHE MAYURESH DASHARATH	226521	45	34	79
102	CHAUDHARI PRITAM PRAKASH	226552	35	40	75
103	CHAUDHARI AKSHAY CHANDRAKANT	226514	26	33	59



104	DALVI SURYAKANT SAKHARAM	226538	35	31	66
105	SHINDE RITIK SANJAY	226546	37	34	71
106	PAWAR ANIKET GANESH	226547	25	40	65
107	ROKADE KETAN ASHOK	226548	34	34	68
108	AMBURLE OMKAR VASANT	226537	36	44	80
109	AMBHORE NITIN GAUTAM	226542	25	46	71
110	AMBOKAR NIRANJAN VIJAY	226527	30	31	61
111	HANKARE PRADNYA ANAND	226523	38	39	77
112	NIRWANE ANIKET BALU	226524	24	41	65
113	GANGURDE PRAVIN NIVRUTTI	226554	36	32	68
114	HARAD YATIN GURUNATH	226555	26	39	65
115	SALVE AKSHAY NAVNEET	226553	35	46	81
116	DAMSE UMESH GANPAT	226507	25	31	56
117	TANDEL PRASHANT ANANT	226558	35	42	77
118	KARKE PRABHAKAR PRAFUL	226531	24	38	62
119	SAWANT VIVEK NARENDRA	226560	45	30	75





Jeevandeep Shaikshanik Sanstha's

ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI

TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA

**Short term course-CYBER AND INFORMATION SECURITY (NETWORK AND
COMMUNICATION SECURITY)**

Board of studies-2022-23

DEPARTMENT OF INFORMATION TECHNOLOGY

Report

Date : 01/01/2023

The Department of Information technology JSSP College, Khardi conducted a short term course entitled "CYBER AND INFORMATION SECURITY (NETWORK AND COMMUNICATION SECURITY)". total 119 students of B.Sc.(IT).were admitted in the course. The duration of course was 15 days (09.01.2023 to 25.01.2023).The course was conducted satisfactorily by the Dept. Of Information Technology JSSP College, Khardi, and Dist. Thane.


co - ordinator.



LIST OF RESOURCE PERSON

1	ASST.PROF. Mrs. Mitail Minal Chaudhari	ASST.PROF	(MSC Computer Science)	JSSP COLLEGE KHARDI
2	MRS .PUSHPA SABALE ADDRESS AT POST VASHIND ,TEL SHAHAPUR,DIST THANE	ASST .PROF (H.O.D)	BE (ETC)	JSSP COLLEGE KHARDI



Short term /Certificate Course In CYBER AND INFORMATION SECURITY (NETWORK AND COMMUNICATION SECURITY)

Introduction:

Cyber security is a big worry because there are more and more cyber threats and attacks happening. Attackers are using smarter methods to target systems, impacting everyone from regular people to big companies. Both IT and non-IT firms know how crucial cybersecurity is, and they're working hard to defend against these threats.

Cyber security is important because:

1. Cyber attacks can be really expensive for businesses.
2. When there's a data breach, it damages a company's reputation.
3. Cyber attacks are getting more advanced and dangerous.
4. Regulations like GDPR make it necessary for organizations to protect people's personal data.

So, businesses need to focus on cyber security to handle attacks and minimize damage. But to do that, they need to understand the basics of cyber security first.

Course objectives:

1. Learn about various cyber-attacks and cyber-crimes.
2. Understand threats and risks in cybersecurity.
3. Get an overview of cyber laws and concepts in cyber forensics.
4. Study defensive techniques to counter these attacks.

Course Outcomes:

1. By the end of the course, students will be able to:
 - 1.1. Understand cyber-attacks, types of cybercrimes, cyber laws, and how to protect themselves and the internet community from such attacks.
 - 1.2. Investigate security incidents forensically.
 - 1.3. Implement policies and procedures to manage privacy issues.
 - 1.4 . Design and create software modules that are secure.



Details about Structure\Pattern of Syllabus:

Title of the course: Short Term Course in CYBER AND INFORMATION SECURITY
(NETWORK AND COMMUNICATION SECURITY)

Course Code

Duration of the Course: 15 days (30 Hrs.)

Name of the Faculty : Science (Information Technology)

Medium of instructions : English

Eligibility/for admission: Candidate should pass the higher secondary board or
Equivalent with English as one of the subject.

Intake Capacity : 150 Students for the course

The complete structure will be as follows.

Course Coordinators -1. ASST.PROF Mrs.Pushpa Sable.(BE .E&T) Head of Dept

2.ASST.PROF. Mrs. Mitail Minal Chaudhary

(MSC Computer Science).



Jeevandeep Shaikshanik Sanstha's

**ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA**

Department of Information Technology.

**Short term course:-CYBER AND INFORMATION SECURITY (NETWORK AND
COMMUNICATION SECURITY)**

Time Table 2022-23

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
12.00to 2.00	lecture	lecture	lecture	Practical	Practical	Practical

Faculty . 1.ASST.PROF Mrs.Pushpa Sable.(BE .E&T)
2.ASST.PROF. Mrs. Mitail Minal Chaudhary
(MSC Computer Science).



Jeevandeep Shaikshanik Sanstha's

**ART'S, COMMERCE & SCIENCE COLLEGE, KHARDI
TALUKA - SHAHAPUR, DIST-THANE, STATE-MAHARASHTRA**

Department of Information Technology.

**Short term course:-CYBER AND INFORMATION SECURITY
(NETWORK AND COMMUNICATION SECURITY)**

Certificate course in CYBER AND INFORMATION SECURITY (NETWORK AND COMMUNICATION SECURITY)			
course	Theory & practical	credits	Total Marks
U1	The Security Problem in Computing: Cryptography	01+01	20
U2	Program Security: User Authentication Designing Trusted O.S:	01+01	20
U3	Data base Security: Security in Network:	01+01	20
U4	Administering Security: Legal Privacy and Ethical Issues in Computer Security:	01+01	20
U5	Attacking 802.11 Networks, Bluetooth Scanning and Reconnaissance, Bluetooth Eavesdropping, Attacking & Exploiting Bluetooth, Zigbee Security & Attacks.	01+01	20
	TOTOL	10	100



Pattern of Examination:**Evaluation:**

Examination will be held at the do the course.

Standard of passing: Minimum40%.

Pattern of Question paper: Theory Paper 50 Marks

Q.1 Attemptanyone10Marks

Q.2 Attemptanyone10Marks

Q.3 Attemptanyone10Marks

Q.4 Attemptanyone10Marks

Q.S Attemptanyone10Marks

Practical Examination 50 Marks

Q. Write A Short Programme on

GivenTopic. 40M

Oral Exam 10M

1. Infrastructure Available:

- a) ICT enabled Classroom
- b) Availability OF laboratory

2. Teaching Faculty:

Sr. No.	Name of the Faculty	Qualification	Experience
1	Prof.1.ASST.PROF.Mrs.Pushpa Sable	BE (ETC)	5 years
2	Prof.2.ASST.PROF. Mrs. Mitail Minal Chaudhari	MSC (COMP).	3 Years



Jeevandeep Shaikshanik Sanstha's poi's
Arts, Science and Commerce College, Shahapur
Dist. Thane 421601

Department of Mathematics
Short Term Course- USMS01 Certificate Course in
Applied Mathematics & Statistical Techniques

Board of Studies - 2022-2023

Sr. No.	Designation	Name of the person
1.	Asst.Prof.	Dipali Genda Patil
2.	Asst.Prof	Devayani Ramchandra Mhaskar

Minutes of the Meeting

Board of Studies meeting of the Short Term Course / Certificate Course in Applied Mathematics & Statistical Techniques was conducted on February 2023. All members was present in the meeting.

Following Points are discussed in this meeting.

1. Syllabus formation of Applied Mathematics & Statistical Techniques short term course.
2. Dissemination of work
3. Encouragement of Student

Place: JSSP College, Khardi

Date : 06-02-2023



Dipali G. Patil
Coordinator



K. R. Kalkte

Principal

Jeevandeep Shaikshanik Sanstha Poi's
Art's, Commerce & Science College, Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.

Jeevandeep Shaikshanik Sanstha's poi's
Arts, Science and Commerce College, Shahapur
Dist. Thane 421601

Department of Mathematics
Short Term Course- USMS01 Certificate Course in
Applied Mathematics & Statistical Techniques

Time Table 2022-2023

Date	Time
13-Feb	11:30am TO 01:30pm
14-Feb	11:30am TO 01:30pm
15-Feb	11:30am TO 01:30pm
16-Feb	11:30am TO 01:30pm
17-Feb	11:30am TO 01:30pm
20-Feb	11:30am TO 01:30pm
21-Feb	11:30am TO 01:30pm
22-Feb	11:30am TO 01:30pm
23-Feb	11:30am TO 01:30pm
24-Feb	11:30am TO 01:30pm
25-Feb	11:30am TO 01:30pm
27-Feb	11:30am TO 01:30pm
28-Feb	11:30am TO 01:30pm
1-March	11:30am TO 01:30pm
2-March	11:30am TO 01:30pm


Dipali G. Patil

Head of the Department




K. R. Kalkte

Principal

Jeevandeep Shaikshanik Sanstha Poi's
Art's, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.

Jeevandeep Shaikshanik Sanstha's poi's
Arts, Science and Commerce College, Shahapur
Dist. Thane 421601

Department of Mathematics

Short Term Course

**CERTIFICATE COURSE IN APPLIED MATHEMATICS AND
STATISTICAL TECHNIQUES**

Duration : 15 days

Hours: 30

Course Co-ordinator: Dipali G. Patil

INTRODUCTION:

Applied mathematics is a branch of Mathematics consist of mathematical methods by different fields like science, engineering, business, computer science and industry. The term applied mathematics also describes the professional speciality in which real life practical problems are solved by formulating & studying mathematical models.

Thus in this course student will be able to grasp some of the basic mathematical & numerical methods to formulate, analyse, study & solve various problems.

OBJECTIVES:

At the end of this short term course, student will be able to

- acquire a clear perspective of the nature & scope of applied mathematics and understanding of some mathematical concepts.
- enumerate roots of various complex equations which cannot be solved by regular formula based methods.
- evaluate tedious integrals and differential equations in the easiest way that are used in
- engineering and technology and many other fields. familiar to graph theory which has huge applications in of computer & various fields.
- Use linear programming problems and probability which have wide applications in Statistics & stock market, etc.



SYLLABUS

Theory:

Sr. No.	Unit	Topic	Faculty	No. of Lectures
1.	Unit I	Graph Theory	Dipali Patil	03
2.	Unit II	Trees	Dipali Patil	03
3.	Unit III	Linear Programming Problem	Devayani Mhaskar	03
4.	Unit IV	Probability & Probability Distribution	Dipali Patil	03
5.	Unit V	Decision Theory	Devayani Mhaskar	03

➤ **Unit I: Graph Theory**

Introduction, Application of graphs, Definition of graph, Types of Graph - Simple, Directed Graph, Terminology, Examples, Adjacency and Incidence matrix of a graph. Eulerian trail, Hamiltonian path. Distance in a graph- shortest path problems, Dijkstra's algorithm.

➤ **Unit II: Trees**

Trees - Definition & Example, Spanning tree, Algorithms for spanning tree-BFS and DFS. Binary and m-ary tree, Binary trees - Minimum Spanning tree, Prims algorithm, Kruskal's algorithm.

➤ **Unit III: Linear Programming Problem**

Introduction, Terms in LPP, Formulation of LPP, Solution of LPP - Graphical method, Simplex method (Maximization problem)

➤ **Unit IV: Probability**

Introduction, Definition of Probability & examples, Basic probability theory, Random variable - Discrete & continuous, Expectation, Variance, examples in probability distribution, Binomial Distribution

➤ **Unit V: Decision Theory**

Decision making situation, Decision maker, Courses of Action, States of Nature, Pay-off and Pay-off matrix; Decision making under uncertainty, Maximin, Maximax, Minimax regret and Laplace criteria; examples to find optimum decision. Formulation of Payoff Matrix. Decision making under Risk, Expected Monetary Value (EMV)



PRACTICAL:

Units	Topics	No. of Lectures
Unit I	Adjacency and Incidence matrix of a graph, Examples of Euler's trail/circuit, Hamiltonian path/ circuit	04
Unit II	BFS and DFS, Minimum spanning tree, Prim's algorithm , Kruskal's algorithm	05
Unit III	Formulation of LPP, Solution of LPP by Graphical method (Maximization & Minimization)	04
Unit IV	Examples of Probability, Expectation, Variance, examples in probability distribution	05
Unit V	Examples of Maximin, Maximax, Minimax regret and Laplace criteria,, EMV, EOL.	04


Coordinator



Principal

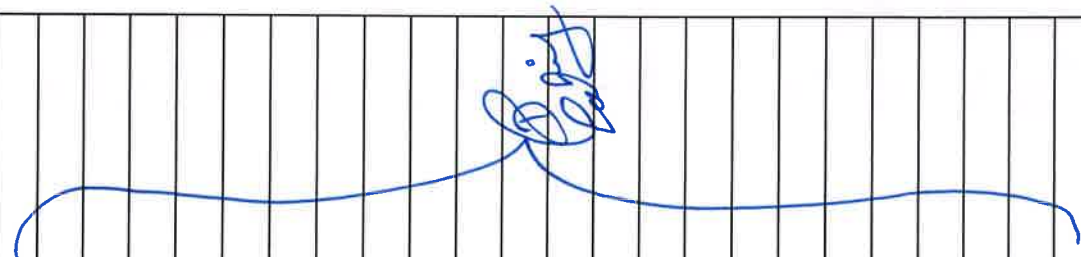
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Art's, Commerce & Science College Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.



30 Hrs. Basic Certificate course Applied Mathematics & Statistical Techniques ATTENDANCE SHEET : 2022-23

SR. NO. / ID	NAME OF THE STUDENT	DATE : FROM - 13 FEBRUARY 2023 TO 02 MARCH 2023			
		TOTAL PRESENT DAYS	TOTAL ABSENT DAYS	REMARK	SIGN (TEACHER)
1	GODE NANDU RAJARAM	15	00		
2	NIMASE HEMANGI SANJAY	15	00		
3	SHARMA SHUBHAM RAVINDRA	15	00		
4	THAKARE PRATIKSHA BHALCHANDRA	15	00		
5	NADEKAR DASHARATH VISHANU	15	00		
6	GAWARI NILESH VAMAN	15	00		
7	KALE CHINMAY SHRIRAM	00	15		
8	DAGALE KANTA CHINDHU	15	00		
9	JADHAV SATISH MANGAL	15	00		
10	BADKAS DIVYA JAYESH	15	00		
11	BALKHANDE SUDARSHAN SUBHASH	15	00		
12	BAMBALE LATIKA SAGAJI	15	00		
13	BHADANGE SUMEDH RAMESH	15	00		
14	BHAGEET RAMESH PUNAJI	15	00		
15	BHANDARI SEJAL GURUNATH	15	00		



SR. NO. / ID	NAME OF THE STUDENT	DATE : FROM - 13 FEBRUARY 2023 TO 02 MARCH 2023			
		TOTAL PRESENT DAYS	TOTAL ABSENT DAYS	REMARK	SIGN (TEACHER)
16	BHERE KAJAL CHANDRAKANT	15	00		
17	BHOI SACHIN SANJAY	15	00		
18	BHOIR HARSHALA GANESH	15	00		
19	BHOIR JAGDISH PANDURANG	15	00		
20	BHOIR JAGRUTI GURUNATH	15	00		
21	BHOIR KUNAL VISHWAS	15	00		
22	BHOIR MAYUR NAMDEV	15	00		
23	BHOIR SHIVANI SUNIL	15	00		
24	BINNAR SHANKAR SANTU	15	00		
25	BUNDELE SOMNATH GANPAT	15	00		
26	CHANDE HARSHAL PANDHARINATH	15	00		
27	CHAUDHARI AMAR BHAGWAN	15	00		
28	CHOKHANDE SUBHASH SANJAY	15	00		
29	DAGALE GAURI NAMDEV	15	00		
30	DAGALE NITIN YUVRAJ	15	00		
31	DAGALE VILAS BHAGWAT	15	00		
32	DALAL PRAJAKTA SUSHIL	15	00		
33	DALAVI MADAN PANDURANG	15	00		
34	DEHADE AMIT SHARAD	00	15		
35	DESHMUKH SUJIT BALU	15	00		
36	DHADWAD VIJAY KISAN	15	00		
37	GHARAT VAIBHAV LAXMAN	15	00		
38	GHARE NITIN ANANDA	15	00		
39	GHARE VIKAS PANDURANG	15	00		



SR. NO. / ID	NAME OF THE STUDENT	DATE : FROM - 13 FEBRUARY 2023 TO 02 MARCH 2023			
		TOTAL PRESENT DAYS	TOTAL ABSENT DAYS	REMARK	SIGN (TEACHER)
40	SADGIR SANTOSH KASHINATH	15	00		
41	SADGIR SHITAL DATTU	15	00		
42	SADGIR SUNIL DATTU	15	00		
43	SAMBARE BHAVESH TANAJI	15	00		
44	SATPUTE ROHIT RAMCHANDRA	15	00		
45	SHAIKH NAJEER HARUN	00	15		
46	SHAIKH TANVEER HARUN	15	00		
47	SHARMA SANNIDHYA MANGESH	15	00		
48	SHIRKE GANESH LAXMAN NANDA	15	00		
49	SUROSHI SANDESH BALKRISHNA VIMAL	15	00		
50	TARNE RAJ SURESH SANGITA	15	00		
51	JADHAV SUBODH ASHOK REKHA	00	15		



Dipali G. Patil
Coordinator




K.R. Kalkate

Principal
Jeevandeep Shaikshanik Sanstha Poit's
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Jeevandeep Shikshan Santha's
Art's, Commerce and Science College, Khardi
Tal. Shahapur, Dist. Thane : 421601
(Affiliated to University of Mumbai)



30 Hrs. Basic Certificate course
Applied Mathematics & Statistical Techniques
TIME TABLE : 2022-2023

SR. NO.	DAY	TIME	PAPER	NAME OF THE TEACHER
1	Monday	9:00AM TO 11:00AM	THEORY AND PRACTICAL	Asst. Prof. Dipali G. Patil

Dipali G. Patil

Asst. Prof. Dipali G. Patil
(H.O.D. MATHS DEPT.)



Kailas Kalkate

Prof. Kailas Kalkate
Principal
Jeevandeep Shikshan Santha Po's
Art's, Commerce & Science College, Khardi
Khardi, Tal. Shahapur, Dist. Thane 421 601.

Q.1 Attempt all questions by indicating the correct option : (100 Marks)

1. In a simple graph, the maximum number of edges possible with 'n' vertices is:

- a) n b) $n - 1$ c) $n(n-1)/2$ d) n^2

2. A graph with no cycles is called:

- a) Bipartite graph b) Tree c) Complete graph d) Eulerian graph

3. In a directed graph, the degree of a vertex is defined as:

- a) The number of edges incident to the vertex
b) The number of vertices connected to it by an edge
c) The sum of in-degree and out-degree of the vertex
d) The number of directed edges leaving the vertex

4. Which of the following statements about trees is true?

- a) A tree with 'n' vertices has 'n-1' edges.
b) A tree can have multiple roots.
c) A tree with 'n' vertices always has 'n' edges.
d) A tree cannot have cycles.

5. The minimum number of edges required to form a connected graph with 'n' vertices is:

- a) n b) $n - 1$ c) $n/2$ d) n^2

6. In linear programming, the feasible region is defined by:

- a) The set of all solutions that satisfy the objective function.
b) The set of all solutions that satisfy the constraints.
c) The set of all optimal solutions.
d) The set of all feasible solutions.

7. Which of the following is NOT a component of a linear programming problem?

- a) Objective function b) Constraints c) Variables d) Exponential terms.

8. If the probability of event A is 0.4 and the probability of event B is 0.5, what is the probability of both events A and B occurring?

- a) 0.1 b) 0.2 c) 0.3 d) 0.9



9. If two events are mutually exclusive, what is the probability of both events occurring?
- a) 0 b) 1 c) 0.5 d) It cannot be determined without further information.
10. In decision theory, what is a decision matrix used for?
- a) Representing the payoffs associated with different decisions and outcomes.
b) Solving linear programming problems.
c) Calculating probabilities.
d) Constructing graphs.
11. The maximax criterion in decision theory is based on:
- a) Maximizing the maximum payoff. b) Maximizing the minimum payoff.
c) Minimizing the maximum payoff. d) Minimizing the minimum payoff.
12. The complement of a graph G is denoted by:
- a) G' b) G^c c) G^c d) G^*
13. Which of the following is NOT a type of graph traversal algorithm?
- a) Depth-First Search (DFS) b) Breadth-First Search (BFS)
c) Dijkstra's Algorithm d) Prim's Algorithm
14. In a binary tree, the maximum number of nodes at level 'd' is:
- a) d b) 2^d c) d^2 d) $2(d-1)$
15. Which traversal of a binary tree visits the root node between the traversal of its left and right subtrees?
- a) Preorder b) Inorder c) Postorder d) Level order
16. In linear programming, what does the objective function represent?
- a) The constraints to be satisfied b) The variables to be optimized
c) The quantity to be minimized or maximized d) The feasible region
17. Which of the following is NOT a method for solving linear programming problems?
- a) Simplex method b) Graphical method
c) Branch and bound method d) Interior-point method
18. If $P(A) = 0.3$ and $P(B) = 0.6$, what is the probability of either event A or event B occurring?
- a) 0.3 b) 0.6 c) 0.9 d) 0.18



19. If two events are independent, what is the probability of both events occurring?

- a) The sum of their probabilities
- b) The product of their probabilities
- c) The difference of their probabilities
- d) It cannot be determined without further information

20. The minimax regret criterion in decision theory is based on:

- a) Minimizing the maximum regret for each decision
- b) Minimizing the minimum regret for each decision
- c) Maximizing the maximum regret for each decision
- d) Maximizing the minimum regret for each decision

21. What is the purpose of a decision tree in decision theory?

- a) To represent the sequence of decisions and outcomes
- b) To calculate probabilities
- c) To solve linear programming problems
- d) To determine the feasibility region

22. The degree sequence of a graph is:

- a) The number of vertices adjacent to each vertex.
- b) The number of edges incident on each vertex.
- c) The number of vertices in the graph.
- d) The number of edges in the graph.

23. Which of the following is NOT a type of graph?

- a) Directed graph
- b) Weighted graph
- c) Acyclic graph
- d) Complete graph

24. What is the maximum number of edges in a tree with 'n' vertices?

- a) n
- b) n - 1
- c) 2n
- d) 2n - 1

25. The process of converting a tree into a binary tree is called:

- a) Tree balancing
- b) Tree traversing
- c) Tree pruning
- d) Tree rooting

26. In linear programming, a constraint of the form $Ax \leq b$ represents:

- a) An equality constraint
- b) A greater than or equal to constraint
- c) A less than or equal to constraint
- d) An inequality constraint

27. The feasible region in linear programming is defined by:

- a) The set of all solutions that maximize the objective function.
- b) The set of all solutions that satisfy the constraints.
- c) The set of all optimal solutions.
- d) The set of all feasible variables.



28. If $P(A) = 0.2$ and $P(B) = 0.3$, what is the probability of event A or event B occurring?

- a) 0.5 b) 0.6 c) 0.1 d) 0.8

29. If two events are mutually exclusive, what is the probability of either event A or event B occurring?

- a) $P(A) + P(B)$ b) $P(A) * P(B)$
c) $P(A) - P(B)$ d) It cannot be determined without further information.

30. The maximin criterion in decision theory is based on:

- a) Maximizing the maximum payoff.
b) Maximizing the minimum payoff.
c) Minimizing the maximum regret.
d) Minimizing the minimum regret.

31. In decision theory, what does the term "payoff" refer to?

- a) The cost associated with each decision.
b) The benefit or loss associated with each decision and outcome.
c) The probability of each outcome.
d) The time required for each decision.

32. Which of the following statements about Eulerian graphs is true?

- a) Eulerian graphs always contain a Hamiltonian cycle.
b) Eulerian graphs have all vertices with even degrees.
c) Eulerian graphs are always connected.
d) Eulerian graphs have a unique path between any two vertices.

33. The chromatic number of a graph represents:

- a) The maximum number of edges that can be added to the graph without creating a cycle.
b) The minimum number of colors needed to color the vertices of the graph such that no adjacent vertices share the same color.
c) The number of vertices in the graph.
d) The number of edges in the graph.



34. What is the height of a binary tree with 'n' nodes at most?
- a) $\log(n)$ b) n c) $n - 1$ d) $n/2$
35. Which of the following traversal techniques visits all the nodes of a binary tree exactly once, in sorted order?
- a) Preorder b) Inorder c) Postorder d) Level order
36. In linear programming, the term "slack variables" are introduced to:
- a) Represent the surplus or slack in each constraint.
b) Improve the efficiency of the simplex method.
c) Introduce additional constraints.
d) Represent the objective function.
37. The optimal solution to a linear programming problem lies:
- a) At the intersection of the feasible region and the objective function.
b) At a vertex of the feasible region.
c) At the center of the feasible region.
d) On the boundary of the feasible region.
38. If $P(A) = 0.4$ and $P(B) = 0.6$, what is the probability of event A and event B occurring?
- a) 0.1 b) 0.24 c) 0.4 d) 0.8
39. If two events are independent, what is the probability of event A occurring given that event B has occurred?
- a) $P(A) + P(B)$ b) $P(A) * P(B)$
c) $P(A | B) = P(A)$ d) It cannot be determined without further information.
40. The concept of expected value in decision theory represents:
- a) The maximum possible outcome for each decision.
b) The average outcome weighted by the probability of each outcome.
c) The minimum possible outcome for each decision.
d) The utility associated with each outcome.



41. Sensitivity analysis in decision theory is used to:
- a) Analyze the impact of changing parameters on the optimal decision.
 - b) Determine the sensitivity of the objective function to changes in the constraints.
 - c) Identify the most sensitive decision variables.
 - d) All of the above.
42. Which of the following statements about spanning trees is true?
- a) A spanning tree includes all vertices of the graph.
 - b) A graph can have multiple spanning trees.
 - c) A spanning tree must have exactly one cycle.
 - d) A spanning tree cannot be disconnected.
43. What is the minimum number of edges required for a connected graph with 'n' vertices to be a tree?
- a) n
 - b) $n - 1$
 - c) $n/2$
 - d) n^2
44. In a binary search tree, the left subtree of a node contains:
- a) Nodes with values greater than the node.
 - b) Nodes with values less than the node.
 - c) Nodes with values equal to the node.
 - d) Nodes with values greater than or equal to the node.
45. The process of deleting a node from a binary search tree involves:
- a) Removing the node and replacing it with its left child.
 - b) Removing the node and replacing it with its right child.
 - c) Removing the node and replacing it with its parent.
 - d) Reorganizing the tree to maintain the binary search tree property.
46. In linear programming, what does the term "duality" refer to?
- a) The relationship between the primal and dual problems.
 - b) The process of converting constraints into variables.
 - c) The process of solving a linear programming problem graphically.
 - d) The process of optimizing a function subject to constraints.



47. Which of the following is NOT a limitation of the simplex method for solving linear programming problems?
- a) It may not terminate for certain types of problems.
 - b) It may not find the optimal solution if the feasible region is unbounded.
 - c) It may encounter degeneracy in certain cases.
 - d) It cannot handle non-linear objective functions.
48. If $P(A) = 0.7$ and $P(B|A) = 0.4$, what is the conditional probability of B given A?
- a) 0.7
 - b) 0.4
 - c) 0.28
 - d) 0.58
49. If two events are independent, what is the probability of neither event A nor event B occurring?
- a) $P(A) + P(B)$
 - b) $P(A) * P(B)$
 - c) $P(A') * P(B')$
 - d) It cannot be determined without further information.
50. The maximax criterion in decision theory is based on:
- a) Maximizing the maximum payoff.
 - b) Maximizing the minimum payoff.
 - c) Minimizing the maximum regret.
 - d) Minimizing the minimum regret.



Answer Key :

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30 Hrs. Basic Certificate course
Applied Mathematics & Statistical Techniques
RESULT / MARK SHEET : 2022-2023

SR. NO. / ID	NAME OF THE STUDENT	MARKS (100)
1	GODE NANDU RAJARAM	80
2	NIMASE HEMANGI SANJAY	70
3	SHARMA SHUBHAM RAVINDRA	90
4	THAKARE PRATIKSHA BHALCHANDRA	86
5	NADEKAR DASHARATH VISHANU	84
6	GAWARI NILESH VAMAN	80
7	KALE CHINMAY SHRIRAM	AB
8	DAGALE KANTA CHINDHU	78
9	JADHAV SATISH MANGAL	76
10	BADKAS DIVYA JAYESH	80
11	BALKHANDE SUDARSHAN SUBHASH	60
12	BAMBALE LATIKA SAGAJI	78
13	BHADANGE SUMEDH RAMESH	58
14	BHAGEET RAMESH PUNAJI	76
15	BHANDARI SEJAL GURUNATH	56
16	BHERE KAJAL CHANDRAKANT	52
17	BHOI SACHIN SANJAY	56
18	BHOIR HARSHALA GANESH	80
19	BHOIR JAGDISH PANDURANG	76
20	BHOIR JAGRUTI GURUNATH	78
21	BHOIR KUNAL VISHWAS	60
22	BHOIR MAYUR NAMDEV	50
23	BHOIR SHIVANI SUNIL	70
24	BINNAR SHANKAR SANTU	72
25	BUNDELE SOMNATH GANPAT	76
26	CHANDE HARSHAL PANDHARINATH	80
27	CHAUDHARI AMAR BHAGWAN	82
28	CHOKHANDE SUBHASH SANJAY	76
29	DAGALE GAURI NAMDEV	66



30	DAGALE NITIN YUVRAJ	64
31	DAGALE VILAS BHAGWAT	68
32	DALAL PRAJAKTA SUSHIL	72
33	DALAVI MADAN PANDURANG	60
34	DEHADE AMIT SHARAD	AB
35	DESHMUKH SUJIT BALU	76
36	DHADWAD VIJAY KISAN	80
37	GHARAT VAIBHAV LAXMAN	82
38	GHARE NITIN ANANDA	76
39	GHARE VIKAS PANDURANG	80
40	SADGIR SANTOSH KASHINATH	80
41	SADGIR SHITAL DATTU	70
42	SADGIR SUNIL DATTU	80
43	SAMBARE BHAVESH TANAJI	82
44	SATPUTE ROHIT RAMCHANDRA	80
45	SHAIKH NAJEER HARUN	AB
46	SHAIKH TANVEER HARUN	86
47	SHARMA SANNIDHYA MANGESH	76
48	SHIRKE GANESH LAXMAN	78
49	SUROSHI SANDESH BALKRISHNA	78
50	TARNE RAJ SURESH	80
51	JADHAV SUBODH ASHOK	AB


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