



Shikshan Prasarak Mandal's
Gopal Krishna Gokhale College Kolhapur

Academic Calendar 2019-2020

First Term

Diwali Vacation

Second Term

:- 11/06/2019 to 24/10/2019

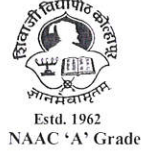
:- 25/10/2019 to 20/11/2019

:- 21/11/2019 to 03/05/2020

1st Week	2nd Week	3rd Week	4th Week
10 June - 15 June	17 June - 22 June	24 June - 29 June	01 July - 06 July
<ul style="list-style-type: none"> * Commencement of Admissions * Staff Meeting 	<ul style="list-style-type: none"> * Career Oriented Courses Meeting * Meetings of Committees for Extra-Curricular and Co-curricular Activities * Submission of Department Wise Result Analysis * International Yoga day. (21st June) 	<ul style="list-style-type: none"> * Finalization of Subjects * Meetings of Subject/s for Extra Curricular and Co-curricular Activities * Submission of Annual Teaching Plans * World Statistics Day * Chhatrapati Shahu Maharaj Jayanti (26th June) 	<ul style="list-style-type: none"> * Class room Teaching begin with Final Time Table * Principal's Address * Department wise Meetings of Finalization of AQAR report * Submission of Details Planning by various committees
5th Week	6th Week	7th Week	8th Week
08 July - 13 July	15 July - 20 July	22 July - 27 July	29 July - 03 Aug
<ul style="list-style-type: none"> * Meetings of Heads of the Departments with Principal * Inauguration of Co-curricular and Extra-curricular Activities * Preparation of NAAC work 	<ul style="list-style-type: none"> * Welcome of First year Student * Preparation of NAAC work 	<ul style="list-style-type: none"> * Preparation of NAAC work * Publication of Wall Paper * Remedial coaching for slow & Advance Learners * Parent-Staff Meeting 	<ul style="list-style-type: none"> * Screening and selection of students for cultural activities * Selection of teams and individuals for zonal & Inter Zonal sports Competition * Br. Khardekar Jayanti * IQAC Meeting
9th Week	10th Week	11th Week	12th Week
5 Aug. - 10 Aug.	12 Aug. - 17 Aug.	19 Aug. - 24 Aug.	26 Aug. - 31 Aug
<ul style="list-style-type: none"> * Selection of teams and individuals for Zonal & Inter Zonal sports Competitions * Internal Examinations Unit Test - I * Youth Club, Programme * NCC, NSS * Yuvati Prerana Munch, * Library fair * Sci. Association program 	<ul style="list-style-type: none"> * Independence Day (15th Aug) * Alumni Meeting * Feedback from Employers & Social workers 	<ul style="list-style-type: none"> * Feedback from Second & Third Year Students * Shramdan on College campus * Multimedia week * Pannel Discussion * Remedical Coaching * Blood Donation camp 	<ul style="list-style-type: none"> * Feedback from Second & Third Year Students * Lead College Meeting * Staff Meeting * NAAC. Meeting for Submission of AQAR report of previous year
13th Week	14th Week	15th Week	16th Week
2 Sept. - 7 Sept.	9 Sept. - 14 Sept.	16 Sept. - 21 Sept.	23 Sept. - 28 Sept.



<ul style="list-style-type: none"> * Parent Meeting * Teacher's Day 	<ul style="list-style-type: none"> * Internal Examination Unit Test - II * Seminars * Publication of Wall Paper * Ozone day 	<ul style="list-style-type: none"> * Career Oriented Courses Meeting * Hindi Day * Inter Class Competitions Debate, Elocution and Essay Writing 	<ul style="list-style-type: none"> * I.Q.A.C. Meeting * Intercalss Competitions * N.S.S.Day * Debate, Eloctutin & Essay Writing * Feedback form First Year Students * Staff Meeting
17th Week	18th Week	19th Week	20th Week
30Sept. - 5 Oct.	7 Oct.-12 Oct.	14 Oct.-19 Oct.	21 Oct.-26 Oct.
<ul style="list-style-type: none"> * Parents-Teachers Meet-Feedback from parents * Internal Examination * Alumini meet 	<ul style="list-style-type: none"> * Department Meeting 	<ul style="list-style-type: none"> * Campus Interviews (Placement) * Meetings of Various Co-curricular and Extra - Curricular Committees * Social Activity 	<ul style="list-style-type: none"> * Publicationn of Wall Pape * Remedial Coaching * Diwali Vacation Starts
21st Week	22nd Week	23rd Week	24th Week
27 Oct. - 02 Nov.	4 Nov. -9 Nov.	11 Nov.-16 Nov.	18 Nov.-23 Nov.
<ul style="list-style-type: none"> * Staff Meeting * University Examination * Shikshan .Maharshi.Prin. M.R. Desai Jayanti * Diwali Vacation 	<ul style="list-style-type: none"> * N.S.S. Camp Planning * University Oct / Nov Exam * Diwali Vacation 	<ul style="list-style-type: none"> * Diwali Vacation * University Oct / Nov Examination 	<ul style="list-style-type: none"> * Diwali Vacation * University Oct / Nov. Examination * Diwali Vacation Ends and II term begins
25th Week	26th Week	27th Week	28th Week
25 Nov. - 30 Nov.	2 Dec.- 7 Dec.	9 Dec.- 14 Dec.	16 Dec. - 21 Dec.
<ul style="list-style-type: none"> * Meetings of all committees for Co-curricular & Extra curricular Activities 	<ul style="list-style-type: none"> * Social activity 	<ul style="list-style-type: none"> * Collection of articles form the students for college magazine * Annual Sports 	<ul style="list-style-type: none"> * Annual Sports
29th Week	30th Week	31st Week	32nd Week
2 Dec. - 28 Dec.	30 Dec.- 04 Jan.	06Jan. -11 Jan.	13 Jan. - 18 Jan.
<ul style="list-style-type: none"> * Filling of teachers evaluation forms by students * Br.Balasaheb Khardekar Smrutidin 	<ul style="list-style-type: none"> * IQAC Meeting * Publication of Wall Paper * Parents Meet * Department wise Meeting for the Preparation of Department input files * Remedial Coaching 	<ul style="list-style-type: none"> * Viva -Voce-Subject wise /Paper wise * Social activities * International Youth Day 	<ul style="list-style-type: none"> * Viva-Voce-Subject wise Paper wise
33rd Week	34th Week	35th Week	36th Week
23 Jan. -25 Jan.	27 Jan. -2 Feb.	3 Feb. -8 Feb.	10 Feb. - 15 Feb.



SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA

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शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९०००० (अभ्यास मंडळे विभाग— २६०९०९४)

फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

एस.यु./अ.मं./विज्ञान/

दि. 17 FEB 2020

प्रति,

No 06687

1	Dr. S. D. Shinde (Chairman)	11	Dr. A. S. Jadhav- Silvassa
2	Prof. Dr. S.S. Panhalkar, SUK	12	Dr. R.G. Jaybhye, Pune
3	Dr. J.B. Sapkale, SUK	13	Dr. Amit Dhorde, Pune
4	Dr. M.B. Potdar, SUK	14	Dr. K. C. Ramotra, Kolhapur
5	Dr. P.T. Patil, SUK	15	Dr. B.R. Phule, Sangola
6	Dr.S. K. Pawar, SUK	16	Dr. D. D. Kulkarni, Solapur
7	Dr.D. H. Pawar, SUK	17	Shri. Sanjay A. Pathare, Kop
8	Dr. D.S. Shinde, SUK	18	Shri. Jayant Khanapurkar, Kop
9	Dr. A.B.Patil, Islampur	19	Dr. Prin. Pisthe, Kolhapur
10	Dr. B. S. Jadhav, Pethvadgaon	20	Dr. Sachin Deore, Pune

विषय:- उपसमितीच्या बैठकीबाबत.

महोदय,

उपरोक्त विषयसंदर्भात आपणास कळविणेत येते की, एम.फिल./पी.एचडी. भूगोल व भूगर्भशास्त्र या विषयाचा अभ्यासक्रम सुधारीत करण्यासाठी उपरोक्त उपसमितीची बैठक दि.20/02/2020 रोजी दुपारी 12:00 वाजता भूगोल अधिविभाग शिवाजी विद्यापीठ, कोल्हापूर येथे आयोजित करण्यात आली आहे.

तरी आपण सदर बैठकीस येताना त्यासंदर्भात पूर्ण तयारी करून उपस्थित रहावे.

कळावे,

मोटारीने प्रवास करणा-या सर्व सदस्यांना सुचना:-
मोटारीने केलेल्या प्रवास भत्याची मागणी करण्याची असल्यास त्यास 0.111 (2) या दंडकानुसार मा. कुलगुरुंची लेखी पूर्व परवानगी घेणे आवश्यक आहे. तसेच ज्या मार्गावर टोल आकारला जातो.त्याच्या टोल पावत्या व विद्यापीठ गेटपास देयकासोबत सादर कराव्या लागतील.

आपला विश्वासू

उपकुलसचिव

प्रत:- 1. दैनिक प्रवास भत्ते विभागास पुढील योग्य त्या कार्यवाहीसाठी (B.H.-A-51-P-18)



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शिवाजी विद्यापीठ, कोल्हापूर – 416004.
दुरध्वनी (ईपीएबीएक्स) २६०९०००० (अभ्यास मंडळे विभाग- २६०९०९४)
फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

एस.यु./अ.मं./विज्ञान/

दि. 05/09/2019

प्रति,

1	Dr. S. D. Shinde (Chairman)	14	Dr. Arun A. Patil - Kolhapur
2	Dr. A.B.Patil - Islampur	15	Amol Jarag -Miraj
3	Dr. B. S. Jadhav - Pethvadgaon	16	Dr. Ratndeeep Jadhav - Sangli
4	Dr. P,D.Bhakare - Rethre	17	Mr. R. M. Kambale - Kolhapur
5	Dr. K.R.Jadahv - walwa	18	Mr. S. D. Koli - Satara
6	Dr. C.U.Mane - Patan	19	Dr. S. S. Yadav - Koregaon
7	Dr.P.V.Patil - Deur	20	Sanjay A. Pathare - Kolhapur
8	Dr. Vinod Veer - Wai	21	Jayant Khanapurkar - Kolhapur
9	Dr. Tukaram P.Shinde - Phaltan	22	Prof. A. S. Jadhav - Silvasa
10	Dr Vijay P. Gaikwad - Dahiwadi	23	Dr. R. V. Hajare - Mumbai
11	Dr Dr. R. S. Manedeshmukh - Satara	24	Dr. T. N. Lokhande - Solapur
12	Dr. J. D. Barkade - Aundh	25	Dr. B. R. Phule - Junoni (Sangola)
13	Dr. Namdev Tellore - Aundh		

विषय:- उपसमितीच्या बैठकीबाबत.

महोदय,

उपरोक्त विषयसंदर्भात आपणास कळविणेत येते की, बी.ए. भाग 3 व बी. एड्. भूगोल आणि बी. एस्सी. भाग 3 जिओलॉजी या विषयाचा अभ्यासक्रम सुधारीत करण्यासाठी उपरोक्त उपसमितीची बैठक दि.11/09/2019 रोजी दुपारी 12:30 वाजता भुगोल अधिविभाग शिवाजी विद्यापीठ, कोल्हापूर येथे आयोजित करण्यात आली आहे.

तरी आपण सदर बैठकीस येताना त्यासंदर्भात पूर्ण तयारी करुन उपस्थित रहावे.

कळावे,

मोटारीने प्रवास करणा-या सर्व सदस्यांना सुचना:-
मोटारीने केलेल्या प्रवास भत्याची मागणी करण्याची असल्यास त्यास 0.111 (2) या दंडकानुसार मा. कुलगुरुंची लेखी पूर्व परवानगी घेणे आवश्यक आहे. तसेच ज्या मार्गावर टोल आकारला जातो.त्याच्या टोल पावत्या व विद्यापीठ गेटपास देयकासोबत सादर कराव्या लागतील.

आपला विश्वासू


उपकुलसचिव

प्रत:- 1. दैनिक प्रवास भत्ते विभागास पुढील योग्य त्या कार्यवाहीसाठी (B.H.:-A-51-P-18)



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दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)
फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

जा.क./एस.यु./अ.मं./

दि. 09 DEC 2019

प्रति,

No 0306

Shri. Jayant Khanapurkar,
Gopal Krishna Gokhale College, Kolhapur.

विषय :- **M.Sc. CBCS Part -II** चा अभ्यासक्रम नविन स्ट्रक्चर प्रमाणे सादर
करणेबाबत.

महोदय,

उपरोक्त विषयासंदर्भात आपणांस कळविण्यात येते की, शैक्षणिक वर्ष 2020-21 पासून सर्व एम.एस्सी. भाग-1 व 2 च्या अभ्यासक्रमासाठी नविन स्ट्रक्चर लागू करण्यात आले असून शैक्षणिक वर्ष 2020-21 पासून लागू करावयाचा एम.एस्सी. भाग-2 भुगर्भशास्त्र विषयाचा अभ्यासक्रम नविन स्ट्रक्चर प्रमाणे तयार करून अभ्यासमंडळे विभागास सादर करावा.

कळावे,

आपली विश्वासू,

उपकुलसचिव

प्रत :-

अध्यक्ष, भूगोल व भुगर्भशास्त्र अभ्यासमंडळ



Estd. 1962
NAAC 'A' Grade

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शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४.

दुरध्वनी : (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४) तार : युनिशिवाजी
फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaii.ac.in

1

MEETING NOTICE

A meeting of the Board of Studies in **Geography and Geology** is convened on 06-07-2019 at 12.30 p.m. in the **Department of Geography** Shivaji University, Kolhapur.

The members are requested to attend the meeting.

Vidyanagar,
Kolhapur - 416 004.
No. SU/BOS/Science & Tech./6620
Date : 27/06/2019

To,

The Members of the BOS in Geography and Geology

By Order,


Dy. Registrar

1)	Dr. S. D. Shinde (Chairman)	SUK	9)	Dr. V. R. Veer	Wai
2)	Prof. Dr. S.S. Panhalkar	SUK	10)	Dr. S. B. Gaikwad	Miraj
3)	Dr. N. V. Telore	Aundh	11)	Prof. Dr. Sachin Deore	Pune
4)	Dr R.S. Mane-Deshmukh	Satara	12)	Dr. B. N. Gophane	Karad
5)	Dr. N. S. Masal	Chandgad	13)	Prof. Dr. A. S. Jadhav	Silvasa
6)	Dr. T. P. Shinde	Phalatan	14)	Dr. A. B. Patil	Ashta
7)	Dr. T. E. Kumbhar	Kavathe-Mahankal	15)	Dr. P. A. Saymote	Mumbai
8)	Dr. B. S. Jadhav	Peth Vadgaon	16)	Shri. J. V. Khanapurkar	Kolhapur
17)	Shri. S.V. Pathare <i>Invitee</i>	Kolhapur	18)	Shri. Vibhute Nitin P.(Student) <i>Invitee</i>	Kolhapur

Important Note:-

68 (2)	If a person nominated, elected, appointed or co-opted to any authority or body remains absent without prior permission of the authority or body for three consecutive meetings, he shall be deemed to have vacated his membership and he shall cease to be a member from the date of the third such meeting in which he has remained absent: Provided that, such member should have attended at least one meeting in the previous year.
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As per 0.111 (2) When a member travels by own car or hired vehicle, is required to take (written) prior permission of the Hon'ble Vice-Chancellor and should also produce the toll receipts along with the T.A. Bill for the journey undertaken on the toll route.

Copy to:-

2	Appointment Section	3	Accounts Section (TA/ DA) BH : A.51.P.18
1	Dean, Science and Technology		

For Information & n.a.if any
P.T.O.- Agenda

जिऑग्राफी अँड जिऑलॉजी अभ्यास मंडळ
दि.:- .06.07.2019

कार्यक्रमपत्रिका

- [1] दि.21.01.2019 रोजी झालेल्या जिऑग्राफी अँड जिऑलॉजी अभ्यास मंडळ बैठकीचा कार्यवृत्तांत वाचून कायम करणे व त्यावर मा.अध्यक्षांची स्वाक्षरी घेणेबाबत विचारार्थ.
- [2] शैक्षणिक वर्ष 2020-21 पासून सीबीसीएस सीबीसीएस कॉमन स्ट्रक्चरनुसार लागू करावयाचे एम.एस्सी. भाग-2 जिऑग्राफी अँड जिऑलॉजी अभ्यासक्रम, प्रश्नपत्रिका स्वरूप व समकक्ष विषय तयार करण्याबाबत विषय विचारार्थ.
- [3] शैक्षणिक वर्ष 2020-21पासून सीबीसीएस नुसार लागू करावयाचे बी.ए./बी.एस्सी. भाग-3 जिऑग्राफी अँड जिऑलॉजी अभ्यासक्रम, प्रश्नपत्रिका स्वरूप व समकक्ष विषय अंतिम करण्याबाबत विषय विचारार्थ.
- [4] शैक्षणिक वर्ष 2020-21 पासून लागू करावयाचे एम. फिल./पी.एच.डी. कोर्सवर्कचा अभ्यासक्रम तयार करण्याबाबतचा विषय विचारार्थ.
- [5] समन्वयक ट्रॅव्हल्स अँड टुरिझम सेंटर विद्यापीठाच्या भूगोल अधिविभागाकडील पी. जी. डिप्लोमा इन टुरिझम अँड ट्रॅव्हल्स च्या अभ्यासक्रमातील प्रवेश पात्रतेबाबतचे दि. 12/02/2019 चे पत्र विचारार्थ.
- [6] सन 2019-20 साठी तयार केलेल्या विद्यापीठाच्या कृती आराखडयामधील **Action Plan** नुसार सीबीसीएस अंतर्गत पारंपारिक अभ्यासक्रमांचे कौशल्यावर आधारित अभ्यासक्रमामध्ये एकत्रिकरण करणेकरिता सुरुवात करावी. उद्योजकता विकासाबाबत अभ्यासक्रम तयार करण्यात यावा तसेच पदवी स्तरावरील अभ्यासक्रमामध्ये एक मुल्यवर्धीत अभ्यासक्रमाचा समावेश करण्याबाबतचा विषय विचारार्थ.
- [7] महाराष्ट्र सार्वजनिक विद्यापीठ कायदा कलम 41 (f) नुसार परीक्षेच्या कामकाजासाठी परीक्षकांचे नामिका (पॅनेल) मध्ये अधिकची नावे समाविष्ट करणे, नावे कमी करणे व दुरुस्त करणे (Addition/Deletion/Correction) साठी विचारार्थ.
- [8] विज्ञान व तंत्रज्ञान विद्याशाखेअंतर्गत B.Sc.भाग-1, 2 सीबीसीएस भूगोल व भूगर्भशास्त्र विषयाची क्रमिक पुस्तके तयार करणे व B.A. भाग- 2 मध्ये प्रॅक्टिकल अंतर्भूत करण्याबाबतची बाब विचारार्थ.
- [9] मा.अध्यक्षांच्या परवानगीने येणारे आयत्यावेळचे विषय.

**Shivaji University,
Kolhapur**

ACADEMIC DIARY
(Under the U.G.C. Notification 30 Jun 2010)



College Name & Symbol : Gopal Krishna Gokhale College, Kolhapur



(Affiliated to Shivaji University, Kolhapur)

Teacher's Personal Information

Academic Year - 2019-2020

Name in full: JAYANT BABU VITHALRAO KHANAPURKAR

Qualifications: M.F., N.E.T. Department: Geology

Designation: Asst. Professor. Date of Appointment: 01/08/2006

Present Pay Scale: 15600 to 39100 Blood Group: O⁺

ADDRESS

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.....
.....

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CONTENTS

Sr. No.	Title
1.	Individual Time Table
2.	Annual Teaching Plan
3.	Text Books and Reference Books
4.	Class and Subject-wise teaching / practical programme
5.	Lectures or other teaching duties in excess of UGC Norms
6.	Examination Related Work
7.	Co-Curricular Extension and Professional Development related Activities
8.	Research and Academic Contribution
9.	Awards and Certificates Won



Individual Time- Table

Academic Year – 2019 - 2020

DEPARTMENT: Geology.....

Timings: 10.20 Am. to 06.05 Pm.

Sr. No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	10.20 Am	B.Sc. III	B.Sc. III	-	B.Sc. III	-	-
2	11.10 Am.			B.Sc. II. Practical		B.Sc. II. Practical	
3	12.10 N.	M.Sc. I.	M.Sc. I.				
S H O R T				R E C E S S			
4	12.50 Pm.	M.Sc. I.	M.Sc. I.		B.Sc. I.		
5	01.40 Pm.						B.Sc. I.
6	02.45 Pm.						
7	03.35 Pm.		B.Sc. I.	B.Sc. I.	B.Sc. I. Practical		B.Sc. I. Practical
8	04.25 Pm.						
9	05.15 Pm.						

[Signature]
 Head Department of Geology
 Head of Department
 Gopal Krishna Gokhale College
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Theory: 07+04=11 Practical: 16.....

Total No. of Periods per Week: 27.....

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ANNUAL TEACHING PLAN

Academic Year: 2019 - 2020

Class: B.Sc.I. Sem I & II

Division: B

Subject: Geology

Paper Title: Sem I - Physical Geology
Sem II - Crystallography

Paper No. DSC 21A
DK 21B

			Topic / Unit	Sub-unit Planned
Month: June			Admissions -	
Teaching days	3			
Periods Allotted	10			
Periods Available				
Teaching	Practical's Tutorials	Tests		
Month: July			Sem I - DK 21A Physical Geology Unit I.	Intro. to Geology & It's scope, Earth & Solar System : Origin, size, shape
Teaching days	per week 3			
Periods Allotted	per week 10			
Periods Available				
Teaching	Practical's Tutorials	Tests		
12	28			
Month: August			Origin of Earth: Nebular, planetesimal & Tidal theory Interior of Earth.	Sem I - DK 21A phy. Geo - Unit I.
Teaching days	3			
Periods Allotted	10			
Periods Available				
Teaching	Practical's Tutorials	Tests		
10	28		practicals	Related to Unit I.
Month: September			DK 21A - Physical Geology Unit II.	Weathering - Defn. Types, Agents - Earthquake - mechanism
Teaching days	3			
Periods Allotted	10			
Periods Available				
Teaching	Practical's Tutorials	Tests		
12	28		practicals	Related to Unit II.



Topic / Unit			Sub-unit Planned
Month: October			DK 1A - Unit I Early phase history, Cause of earthquakes, Micro-types, production causes.
Teaching days		8	
Periods Allotted		10	
Periods Available			
Teaching	Practical's / Tutorials	Tests	Practical's Related to Unit I. Semester exam and Final Examinations.
10	32		
Month: November			University examinations.
Teaching days		3	
Periods Allotted		10	
Periods Available			
Teaching	Practical's / Tutorials	Tests	
-	-	-	
Month: December			Sem II. DK 2B - Crystallography Unit - I. Defn - crystal elements, Interaxial angles, Crystallographic axes & angles.
Teaching days / week		03	
Periods Allotted / week		10	
Periods Available			
Teaching	Practical's / Tutorials	Tests	Practical's Related to Unit I.
12	32		
Month: January			DK 2B - Crystallography Unit - I. Paschal's method, Law of Rational Indices, Unit of Crystallography, Elements of Symmetry.
Teaching days		3	
Periods Allotted		10	
Periods Available			
Teaching	Practical's / Tutorials	Tests	Practical's Related to Unit I.
12	32		

Topic / Unit			Sub-unit Planned
Month: February			DK 2B - Crystallography Unit - I. Description of non-cubic class of Bravais lattice, hexo, ortho, rhombo, Trichine system.
Teaching days		8	
Periods Allotted		10	
Periods Available			
Teaching	Practical's / Tutorials	Tests	Practical's Related to Unit I.
10	28		
Month: March			DK 2B - Crystallography Unit - I. Chemical bonding in minerals, crystal of mineral, character of minerals - of all types.
Teaching days			
Periods Allotted			
Periods Available			
Teaching	Practical's / Tutorials	Tests	Practical's Related to Unit - I
Month: April			Theory and Practical Examinations of Shivaji University.
Teaching days			
Periods Allotted			
Periods Available			
Teaching	Practical's / Tutorials	Tests	

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ANNUAL TEACHING PLAN

Academic Year: 2019 - 2020

Class: ...B.Sc. II Sem-II & IV

Division: ...A.....

Subject: ...Geology..

Paper Title: ...Sem III - Igneous petrology Paper No. DSC 21C
under - Fundamental & metamorphic Petrology DKSC

Topic / Unit		Sub-unit Planned
Month: June Teaching days / week: 5 Periods Allotted / week: 10 Periods Available: Teaching, Practical's, Tests		
Admissions		
Month: July Teaching days: 8 Periods Allotted: 10 Periods Available: Teaching, Practical's, Tests		
Sem III - DSC 21C Igneous petrology Unit I		magma: defn, compn, types & origin, forms of igneous rocks - conditions & associated textures of igneous rocks.
Month: August Teaching days: 3 Periods Allotted: 10 Periods Available: Teaching, Practical's, Tests		
DSC 21C - Igneous petrology Unit I		processes of differentiation, role of variables, Assimilation at different conditions, Bowen's reaction texts.
Practicals		Related to Unit I
Month: September Teaching days: 3 Periods Allotted: 10 Periods Available: Teaching, Practical's, Tests		
DSC 21C Igneous petrology Unit II		Classification of igneous rocks based on different conditions - crystallization of various minerals, crystallization of felsic component magma
Practicals		Related to Unit II



Topic / Unit		Sub-unit Planned
Month: October Teaching days: 3 Periods Allotted: 10 Periods Available: Teaching, Practical's, Tests		
DSC 21C Igneous Petrology Unit II		Crystallization of felsic component magma, Crystallization of the component magma.
Practicals		Related to Unit I
Month: November Teaching days: 3 Periods Allotted: 10 Periods Available: Teaching, Practical's, Tests		
SUK Semester Exams & Diwali Vacations		
SUK exams		
Month: December Teaching days: 3 Periods Allotted: 10 Periods Available: Teaching, Practical's, Tests		
DSC 21C Sem IV Stratigraphy Unit I		Defn - principles of stratigraphy - lithological correlation, Unconformities - description, the scale of earth's physical history - Precambrian stratigraphy.
Practicals		Related to Unit I
Month: January Teaching days: 3 Periods Allotted: 10 Periods Available: Teaching, Practical's, Tests		
DSC 21C Stratigraphy Unit I		Precambrian succession - Dhevar, Chiddappat, Vindhyas & Deccan supergroups.
Practicals		Related to Unit I

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ANNUAL TEACHING PLAN

Academic Year: 2019 - 2020
 Class: B.Sc. III, Sem V & VI
 Division:
 Subject: Geography
 Paper Title:
 Paper No. XII
 Sem V: Env. Geo. & Hydrogeology
 Sem VI: Geo. & Hydrogeology

Month: February			Topic / Unit	Sub-unit Planned
Teaching days	83		DSC 210 - Hydrology Unit I	Distributive & storage - infiltration, time-lag, meteor. infiltration, transmission (opt); summit of catch
Periods Allotted	10			
Periods Available				
Teaching	Practical's Tutorials	Tests	Practicals	Related to Unit I
12	32			
Month: March			DSC 210 Hydrology Unit II	meteor. infiltration catchment of Tirunelveli, Grandeur with flow of flood, DVP.
Teaching days	8			
Periods Allotted	10			
Periods Available				
Teaching	Practical's Tutorials	Tests	Practicals	Related to Unit II
12	32			
Month: April			Soil Theory and Practical	Soils
Teaching days				
Periods Allotted				
Periods Available				
Teaching	Practical's Tutorials	Tests		

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Month: June			Topic / Unit	Sub-unit Planned
Teaching days	Week 3		Admissions	
Periods Allotted	Week 3			
Periods Available				
Teaching	Practical's Tutorials	Tests		
-	-	-		
Month: July			Sem V - XII Climatology & Physical Geography Unit I	Introduction Temperature Pressure, Wind Soil.
Teaching days	3			
Periods Allotted	3			
Periods Available				
Teaching	Practical's Tutorials	Tests		
09	-	-		
Month: August			XII - Geomorphology Unit II	Soil profile, cycle of erosion, rejuvenation, morphometric par- ameters.
Teaching days	3			
Periods Allotted	3			
Periods Available				
Teaching	Practical's Tutorials	Tests		
12	-	-		
Month: September			XII - Geomorphology Unit III	Remote sensing, Concepts of GIS, GIS, Data processing
Teaching days	3			
Periods Allotted	3			
Periods Available				
Teaching	Practical's Tutorials	Tests		
15	-	-		

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Topic / Unit		Sub-unit Planned
Month: October Teaching days: 3 Periods Allotted: 3 Periods Available: Teaching: 12 Practical's Tutorials: - Tests: -	XII Green & Red Unit IV	Language, R.I. mkt. Importance in Geology
Month: November Teaching days: 8 Periods Allotted: 7 Periods Available: Teaching: 12 Practical's Tutorials: - Tests: -	SUK Theory & Examinations & Divan's Naahans.	
Month: December Teaching days: 8 Periods Allotted: 3 Periods Available: Teaching: 13 Practical's Tutorials: - Tests: -	Sem VI Paper - Environmental Geology & Hydrogeology Unit IV	Environmental and Hydrogeology concepts. Natural hazards floods, earthquakes & Tsunamis, assessment.
Month: January Teaching days: 3 Periods Allotted: 3 Periods Available: Teaching: 12 Practical's Tutorials: - Tests: -	XVI Env. Geo & Hydrogeology Unit VI	Natural hazards - Volcanic activity, Coastal hazards, man made hazards related to mining, over extraction of surface water & groundwater oil spills.

Topic / Unit		Sub-unit Planned
Month: February Teaching days: 3 Periods Allotted: 3 Periods Available: Teaching: 12 Practical's Tutorials: - Tests: -	XII Env Geo & Hydrogeology Unit IV	Hydrogeology, methods of groundwater, Darcy law, water table & development, National water policy.
Month: March Teaching days: 8 Periods Allotted: 7 Periods Available: Teaching: 12 Practical's Tutorials: - Tests: -	XVI Env Geo & Hydrogeology Unit IV	Rainwater harvesting, Aesth. - Traditional & modern methods, Budgeting of water.
Month: April Teaching days: - Periods Allotted: - Periods Available: Teaching: - Practical's Tutorials: - Tests: -	Theory and practical examinations of SUK.	



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ANNUAL TEACHING PLAN

Academic Year: 2019 - 2020 . Class: M.Sc.I, Sem I & II
 Division: Subject: Geology.
 Paper Title: Sem-I - Igneous Petrology Paper No. CC-102
 Sem-II - Remote Sensing & Geomorphology. CC-204.

Topic / Unit		Sub-unit Planned
Month: June Teaching days 2 Periods Allotted 2	Admissions -	
Periods Available		
Teaching Practical's Tutorials Tests		
8		
Month: July Teaching days /week 2 Periods Allotted /week 2	Paper CC-102 Igneous petrology - Unit I.	Classification, magma crystallization.
Periods Available		
Teaching Practical's Tutorials Tests		
8		
Month: August Teaching days 2 Periods Allotted 2	CC-102 Igneous petrology - Unit I & II	Crystallization, Texture & Structure - Crystallization of Biotopy magma.
Periods Available		
Teaching Practical's Tutorials Tests		
10		
Month: September Teaching days 2 Periods Allotted 2	CC-102 Igneous petrology Unit II.	Crystallization of Binary and Ternary magma.
Periods Available		
Teaching Practical's Tutorials Tests		
12		



Topic / Unit		Sub-unit Planned
Month: October Teaching days 2 Periods Allotted 2	CC-102 Igneous petrology Unit II	Assimilation & Differentiation processes.
Periods Available		
Teaching Practical's Tutorials Tests		
08		
Month: November Teaching days 2 Periods Allotted 2	Sem II - CC-204 - R.S. & Geom - Unit III.	Climate weathering, mass wasting, geomorphological processes and forms.
Periods Available		
Teaching Practical's Tutorials Tests		
06		
Month: December Teaching days 2 Periods Allotted 2	Sem II - CC-204 - Remote Sensing & Geomorphology. Unit III.	Geomorphological processes and land forms.
Periods Available		
Teaching Practical's Tutorials Tests		
12		
Month: January Teaching days 2 Periods Allotted 2	CC-204 R.S. & Geom. Unit III & IV.	Geomorphological processes & land forms.
Periods Available		
Teaching Practical's Tutorials Tests		
12		

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Topic / Unit			Sub-unit Planned
Month: February Teaching days			Geomorphological Processes & Land forms, morphometric shape, drainage analysis.
Periods Allotted	2		
Periods Available	2		
Teaching	Practical's Tutorials	Tests	
08			
Month: March Teaching days			Drainage Analysis, Geomorphological mapping.
Periods Allotted			
Periods Available			
Teaching	Practical's Tutorials	Tests	
Month: April Teaching days			Terrain evaluation
Periods Allotted			
Periods Available			
Teaching	Practical's Tutorials	Tests	
Month: May Teaching days			Sank. practical & Theory examinations.
Periods Allotted			
Periods Available			
Teaching	Practical's Tutorials	Tests	

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ANNUAL TEACHING PLAN

Academic Year: 2019 - 2020

Class: M.Sc. II, sem. III & IV

Division:

Subject: Geology

Paper Title: Mining Geology
Environmental Geology

Paper No. III (B)
IV

Topic / Unit			Sub-unit Planned
Month: June Teaching days			Admission
Periods Allotted	2		
Periods Available	2		
Teaching	Practical's Tutorials	Tests	
Month: July Teaching days			Mining Geology Unit I.
Periods Allotted	2		
Periods Available	2		
Teaching	Practical's Tutorials	Tests	
10			
Month: August Teaching days			Open cast mining - Organization & operation - mine Hazards and safety.
Periods Allotted	2		
Periods Available	2		
Teaching	Practical's Tutorials	Tests	
10			
Month: September Teaching days			mine Hazards & safety.
Periods Allotted	2		
Periods Available	2		
Teaching	Practical's Tutorials	Tests	
10			

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			Topic / Unit	Sub-unit Planned
Month: October			XII (B) mining geology - Unit II. SUK Theory exams & Practical exams. Distant Variations. Sem III Paper XV Environmental Geology Unit 1.	Timber treatment, Safety measures, Valuation, sampling.
Teaching days	2			
Periods Allotted	2			
Periods Available				
Teaching	Practical's Tutorials	Tests		
06				
Month: November				
Teaching days	2			
Periods Allotted	2			
Periods Available				
Teaching	Practical's Tutorials	Tests		
04				
Month: December			XV - Env. Geo. Unit I.	Concepts Litho- sphere, Hypho- sphere, Atmosphere.
Teaching days	2			
Periods Allotted	2			
Periods Available				
Teaching	Practical's Tutorials	Tests		
10				
Month: January			XV - Env. Geo. Unit - I & II Unit - II.	Ecosystem & Climate. Natural Hazards.
Teaching days	2			
Periods Allotted	2			
Periods Available				
Teaching	Practical's Tutorials	Tests		
10				

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			Topic / Unit	Sub-unit Planned
Month: February			XV - Env. Geo. Unit II.	Natural Hazards.
Teaching days	2			
Periods Allotted	2			
Periods Available				
Teaching	Practical's Tutorials	Tests		
08				
Month: March			XV - Env. Geo. Unit II.	Natural Hazards.
Teaching days	2			
Periods Allotted	2			
Periods Available				
Teaching	Practical's Tutorials	Tests		
10				
Month: April			SUK Theory and practical exams	
Teaching days				
Periods Allotted				
Periods Available				
Teaching	Practical's Tutorials	Tests		

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TEXT BOOKS AND REFERENCE BOOKS

(Give the list of prescribed text books / reference books / Audio Visual aids and other Resource material Consulted)

Class & Subject	Title of books, Journals, Periodicals & Magazines etc.	Author & Publication
1. B.Sc. I	Text Book of Geology - Semi	R.S. Srivastava, J.K. Varma
2. -	Eng. & Gen. Geology	Parkin Singh
3. B.Sc. I & II	Rutleys Elements of mineralogy	Rutleys
4. M.Sc. I	Dana's mineralogy	J.V. Dana
5. B.Sc. I & II & III	Geomorphology	Srinivas Singh
6. M.Sc. I & II	-	Thornbury
7. B.Sc. I, II & III M.Sc. I	Petrology	Reynold, Gupta Bose, Philpotts, Winter
8. -	-	-
9. M.Sc. II	Mining Geology	Arjya Swami
10. All	E-books (soft copies)	Different Authors
11. All	Internet (Google search)	-
12. B.Sc. I, II, III & M.Sc. I, II	Self prepared notes of all petrology, mineralogy, geomorphology, Env. Geology, Hydrogeology, Photo geology, Economic geology, Stratigraphy & Geology of India All are neatly hand written/typed and printed documents.	-

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