PES's

Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-411016

(Autonomous)

AQAR-2022-23

Criterion 1- Curricular Aspects

1.3.2 , 1.3.3 - Value Added Course Details

Online Certificate Course 0n
"Analytical Techniques and tools in Chemistry"
May 9-15, 2023

Organized by

Department of Chemistry

Sponsored by Department of Biotechnology, Government of India under DBT STAR College Scheme

❖ Topics covered under this course will be computational techniques in chemistry-

❖ Online lectures will be conducted on Google meet/ Microsoft Team.

❖ E-Certificate will be issued to all the participants with 100% attendance and 40% passing.

❖ Registration Link-

❖ Last date of registration: 28th March 2023.

❖ Contact Details: Dr. Rucha Purandare-9823778164, Mrs. Ketaki Saravate-9881409036
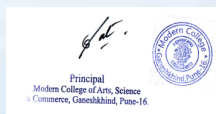
Dr. Madhuri S. Kulkarni	**Mrs. Swati Kandharkar**	avindra Kshirsagar	**Dr. Sanjay Kharat**
Head,	Vice-Principal	Vice-Principal	Principal
Department of Chemistry	Science Faculty	Exam	

NOTICE

To be put up on   To be removed on

Class

Progressive Education Society's

Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16

(Autonomous)

Certificate Course of three credits in

"Basic Astronomy"

Organized by Department of Physics for UG / PG students

Department of Physics have planned to conduct a certificate course on "Basic Astronomy" for undergraduate and post graduate students of different faculties. This course will include both theoretical and practical sessions. The course will be conducted in hybrid mode (online + offline).

Target Group: In-house and Students from other colleges
Duration of course: 16/3/2023 to 8/ 4/ 2023,   **Registration Fees:** Rs. 300/-
Scan the QR Code for registration fee and Send the screenshot on Whatsapp no. **9922188504**

Interested students should register their name through a Google form on or before 13th march 2023.

Link for Registration – https://forms.gle/Nza6TRRhP7ZfmnVG6

For details Contact No.- Mr. M.D. Waghmare-9922188504,
                        Mrs. Chhaya Abnave- 8669196925
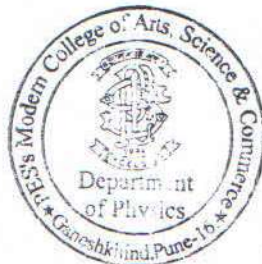Student contact- Keren Gill -8265089573 (T.Y.BSc- Physics)

Prof. Mahendra Waghmare   Dr. Varsha Joshi

Coordinator   Head, Department of Physics

Principal
Modern College of Arts, Science
Commerce, Ganeshkhind, Pune-16

P.E. Society's Modern College of Arts, Science and Commerce,

Ganeshkhind, Pune 411016

Department of B.C.A. (Science)

Credit Course on *"Drone Technologies and its Applications"*

Duration	**:** 10 weeks
Mode of Teaching	**:** Offline
Medium of Instruction	**:** English
Total Number of Modules	**:** 3
Total Lecturing Hours	**:** 45 hours
Remuneration for Faculty	**:** As per Norms
Certificate and Maint. & other Charges	**:** 1500/-
Batch Size	**:** 20
Participants	**:** B.C.A. (Science) or B.Sc. (C.S) students
Credentials	**:** This course can be considered as an extra credit Course for C.B.C.S. pattern and a student can earn. 3- Credits on completion of this course**.**

Course Coordinator & Resource Person : Dr. Mrinali Bhadane

Event Coordinator   : Mrs Siddhi Shejwal

Course Structure: This course covers Introduction to Drone technologies, different Drone technologies
Platforms, Build and develop simple drone applications.

Course Outcome: On completion of the course, student will be able

1. Get familiar with different Drone technologies.

2. Understand uses of Drone technologies.

3. Build and develop simple drone applications.

It will definitely benefit the students for their employment support.

P.E. Society's Modern College of Arts, Science and Commerce,

Ganeshkhind, Pune 411016

Department of B.C.A. (Science)

Credit Course on *"Embedded C and Robotics Apps"*

Duration	: 10 weeks
Mode of Teaching	: Online and Offline
Medium of Instruction	: English
Total Number of Modules	: 4
Total Lecturing Hours	: 45 hours
Remuneration for Faculty	: As per Norms
Certificate and Maint.& other Charges	: 1500/-
Batch Size	: 20
Participants	: B.C.A. (Science) or B.Sc. (C.S) students
Credentials	: This course can be considered as an extra credit course for C.B.C.S. pattern and a student can earn 3- credits on completion of this course.
Course Coordinator	: Mrs. Shashikala Jadhav
Event Coordinator	: Mrs. Minal Pawar

Course Structure: This course covers Introduction to Embedded Systems concept, Embedded C Programming, Basic Interfacing and programming, Basics Apps Designing concepts, Android App for Robo-Car

Course Outcome: It will help to develop the Embedded C programming skills among the students through sensor & actuator interfacing with microcontroller and will definitely benefit the students for their employment support. It will also help to develop Android Apps for Robo-car using Android Studio and many more.

PE SOCIETY'S

MODERN COLLEGE OF ARTS SCIENCE AND COMMERCE

GANESHKHIND, PUNE-16

Department of English
Introduces

2 Extra Credits for all UG & PG Students

Hurry Up! Limited Seats!

Certificate
Course in French
(For Beginners)

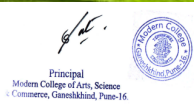Duration: Feb 2022 to April 2022

40 Lectures Course, 3 Lecture/week

Time: 5 to 6 PM

Fees: ₹ 3000 for students of Modern College

₹ 3500 for all other students

Admission on First Come, First Serve Basis

Contact for Admission: Prof. SK SANAP - 942173

Principal
Modern College of Arts, Science
& Commerce, Ganeshkhind, Pune-16.

P.E. Society's Modern College of Arts, Science and Commerce,

Ganeshkhind, Pune 411016

Department of B.C.A. (Science)

Credit Course on *"IoT and Smart Monitoring Applications"*

Duration	**: 10 weeks**
Mode of Teaching	**: Offline**
Medium of Instruction	**: English**
Total Number of Modules	**: 2**
Total Lecturing Hours	**: 45 hours**
Remuneration for Faculty	**: As per Norms**
Certificate and Maint.& other Charges	**: 5000/-**
Batch Size	**: 20**
Participants	**: B.C.A. (Science) or B.Sc. (C.S) students**
Credentials credit	**: This course can be considered as an extra**

course for C.B.C.S. pattern and a student can earn

3- Credits on completion of this course.

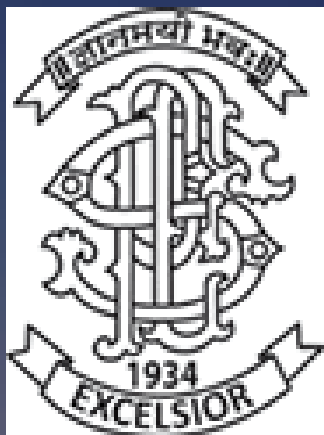|	
Course Coordinator	**: Dr. Deepak S. Kumbhar**
Event Coordinator	**: Mrs. Soanli Lohar**

Course Structure: This course covers Introduction to IoT concept, different IoT Platforms, Basic of Interfacing and programming, IoT based Smart Monitoring Applications

Course Outcome: On completion of the course, student will be able

1. To use different IoT Platforms.

2. To analyze live data with help of ThingSpeak.

3. To develop IOT based Smart Monitoring Applications using ThingSpeak

It will definitely benefit the students for their employment support.

Progressive Education Society's

Modern College of Arts, Science & Commerce
Ganeshkhind, Pune 411016

Certification Course on

"Microsoft-Office : From Beginners' to Advanced"

Organized by

Department of Computer Science

Extra Credit Course

From 5th April 2023 to 20th April 2023

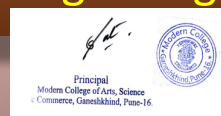•This certification Course is for All Undergraduate Students from Science Faculty.
• Total duration of the course is 40 hours.
• The course will be followed by the quiz.
• Minimum Attendance for course is 80% for getting the E-Certificate..
• Student's will get <u>Four</u> extra credit after successful completion

• The course will be conducted on Microsoft Teams.
• Scan to Enroll for the Course till 4th April 2023
• Registration Link :
https://forms.gle/7pr2sg1rKR7iwi2YA
• Note: Registrations are only allowed by using college email id.

Dr S. S. Bhatambrekar
Head
Computer Science
Department

Dr.Ravindra Kshirsagar
Vice Principal
Science Faculty

Prof Swati Kandharkar
Vice Principal
Science Faculty

Dr Sanjay Kharat
Principal

NOTICE

To be put up on

Class

To be removed on

Department of History

Exam Notice of Modi Script course 2022-23

(Extra Credit Course: 4 Credits)

Nature of Exam

Assignment 1	20 Mark	Last Date of Submission 06th April 2023
Assignment 2	20 Mark	
Written Exam	40 Mark	15th April 2023
Practical / Oral	20 Mark	8th April 2023 Deccan College Yerwada Pune Archival Section

For more information please contact Dr. Shweta Sawale, Dr. Gunjan Garud (coordinator Modi script Course)

- certificate will be given those students who Appeared all above mention examinations properly

Coordinator

Vice principal Arts

Vice-Principal
P.E.S.'s Modern College of Arts,
Science & Commerce (Autonomous)
Ganeshkhind, Pune-16.

Principal

Principal
P.E.S.'s Modern College of Arts,
Science & Commerce (Autonomous)
Ganeshkhind, Pune-16.

Principal
Modern College of Arts, Science
Commerce, Ganeshkhind, Pune-16.

P.E. Society's Modern College of Arts, Science and Commerce,

Ganeshkhind, Pune 411016

Department of B.C.A. (Science)

Credit Course on *"Python Programming for Data Science and Machine Learning"*

Duration : 10 weeks

Mode of Teaching : Offline

Medium of Instruction : English

Total Number of Modules : 2

Total Lecturing Hours : 45 hours

Remuneration for Faculty : As per Norms

Certificate and Maint.& other Charges : 3000/-

Batch Size : 20 + 20

Participants : B.C.A. (Science) or B.Sc. (C.S) students

Credentials : This course can be considered as an extra credit course for C.B.C.S. pattern and a student can earn 3- Credits on completion of this course.

Course Coordinator : Dr. Shubhangi Sunil Bhatambrekar

Event Coordinator : Ms. Sonali Pathade

Course Structure: This course covers Introduction to Python for Data Science and Machine Learning, Big Data Analysis, Machine Learning Algorithms, Use of NumPy, Pandas, Matplotlib, Seaborn.

Course Outcome: On completion of the course, student will be able

1. To use fundamental programming concepts.

2. To Implement Machine Learning Algorithms.

3. To use NumPy for Numerical Data.

4. To use Pandas for Data Analysis.

5. To use Matplotlib for Python Plotting.

6. To use Seaborn for statistical plots.
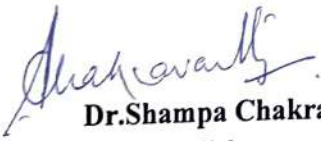
NOTICE

To be put up on

1 2 SEP 2022

Class

To be removed on

DEPARTMENT OF ENGLISH
CERTIFICATE COURSE
in
SPOKEN ENGLISH
2022-2023

This is to inform all the students of the College that Department of English conducts a **Certificate Course** in **Spoken English**. Interested students can contact the teachers of the department for the same. **This course offers 4 Extra Credit** to the students. Classes will begin soon.
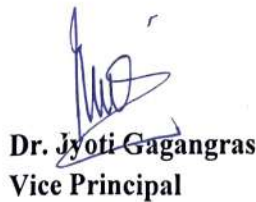
Hurry up! Grab the opportunity and join us.

Limited seats only.
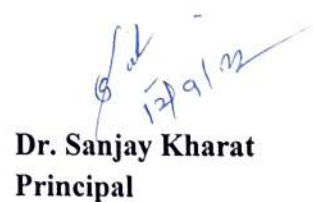
The fee for the entire course is Rs 1250/-

Dr.Shampa Chakravarthy
HoD English

Dr. Jyoti Gagangras
Vice Principal

Dr. Sanjay Kharat
Principal

Principal
Modern College of Arts, Science
Commerce, Ganeshkhind, Pune-16.

MODERN COLLEGE OF ARTS, SCIENCE AND COMMERCE, GANESHKHIND, PUNE

DEPARTMENT OF GEOGRAPHY

INVITES YOU ALL FOR THE
INAUGURAL FUNCTION OF

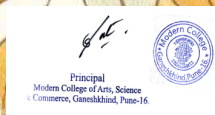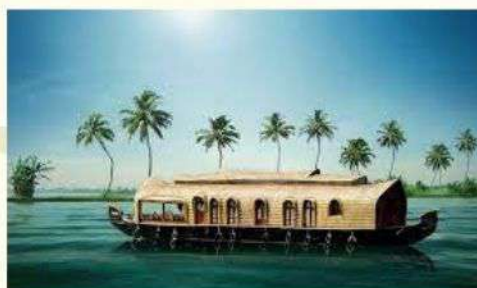# CERTIFICATE COURSE IN TRAVEL AND TOURISM

Chief Guest
Shri. Umesh Zirpe

Veteran Mountaineer &
President of Akhil Maharashtra
Giryarohan Mahasangh

ON MONDAY, 20 MARCH 2023
AT 12 NOON IN AV HALL

Principal
Modern College of Arts, Science
& Commerce, Ganeshkhind, Pune-16.

Progressive Education Society's

Modern College of Arts, Science and Commerce (Autonomous)
Ganeshkhind, Pune-16
Board of Studies (B.O.S.) - Chemistry

Date- Tuesday, 11th Oct 2022, Time – 2.00 pm

Venue- Shankarrao Kanitkar Audio Visual Hall (AV Hall)

Agenda 1- Approval of revised F.Y. B.Sc. syllabus (Autonomous).

Agenda 2-Discussion and approval of the Programme structure, Syllabi and S. P. Pune University Equivalence of Second Year B.Sc. Chemistry (Autonomous), to be implemented from academic year 2023-24.

Agenda 3- Discussion and approval of the Programme structure, Syllabi and S. P. Pune University Equivalence of M.Sc. Organic Chemistry Part II (Autonomous), to be implemented from academic year 2023-24.
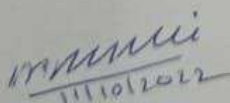
Agenda 4- Approval for Add-on course of two credits titled "Certificate Course in Analytical Techniques and Software Tools in Chemistry".

Agenda 5- Discussion on T. Y. B. Sc. Chemistry syllabus (Autonomous) and Value Added Courses.

A meeting of BoS committee of Department of Chemistry was held on Tuesday, 11th Oct 2022 at 2.00 pm in Shankarrao Kanitkar Audio Visual Hall (AV Hall). The details are as follows:

1) Chairman of BoS, Dr. Madhuri Kulkarni welcomed all BoS members including VC nominee, Industry expert, Subject experts and the alumnus representative.
2) Revision of F. Y. B. Sc. syllabus (Autonomous) was unanimously approved
3) Revision of M.Sc. I Organic Chemistry syllabus (Autonomous) was unanimously approved
4) Second Year B.Sc. Chemistry syllabus was presented and discussed. The modified version after including suggestions was approved unanimously.
5) M.Sc. Organic Chemistry Part II syllabus was presented and discussed. The suggestions were added and the revised version was approved unanimously.
6) Presentation of Add-on course of two credits entitled "Certificate Course in Analytical Techniques and Software Tools in Chemistry" was made. After adding some topics, it was approved unanimously.
7) T. Y. B.Sc. Chemistry syllabus (Autonomous)[from 2023-24] and designing of Value Added Courses were discussed.

Twenty one BoS members were present for the meeting. The attendance is attached.

Dr. Madhuri Kulkarni
Chairman BoS Chemistry
Head, Department of Chemistry

Dr. Sanjay Kharat
Principal,
Modern Colleg
& Commerce,Ganesh Khind,
Pune-16.

Principal
Modern College of Arts, Science
Commerce, Ganeshkhind, Pune-16.

Savitribai Phule Pune University's External Practical Examination
Marklist
Department of Chemistry
Extra credit course Examination
Semester II 2022-23

Sr. No.	Roll No.	Seat No.	Name	Marks out of 20 Internal	Sign	Marks out of 30 External	Sign
1.	223131021		Divya J. Bhandgar	18	*(signature)*	28	
2.	223131023		Preeti N. Jadhav	19	*(signature)*	27	
3.	223131024		Harshad S. Tamchikar	17	*(signature)*	28	
4.	223131025		Tushar N. Lohar	17	*(signature)*	28	
5.	223131026		Vaibhavi V. Mujumdar	16	*(signature)*	27	
6.	223131027		Suraj S. Sharma	15	*(signature)*	28	
7.	223131028		Ajit M. Shingare	18	*(signature)*	28	
8.	223131029		Nayan R. Kand	18	*(signature)*	27	
9.	223131030		Rani S. Zende	19	*(signature)*	27	
10.	223131031		Mayuri R. Yadav	18	*(signature)*	26	
11	223131032		Ajay F. Mane	19	*(signature)*	28	
12.	223131033		Vaishnavi S. Borekar	19	*(signature)*	28	

Principal
Modern College of Arts, Science
& Commerce, Ganeshkhind, Pune-16.

13.	223131034		Shravani J. Datre	16		27	
14.	223131035		Vidya S. Dadas	19	NBD	26	
15.	223131036		Rohan S. Khandagale	17	*(signature)*	26	
16.	223131037		Rohan A. Gaikwad	17		28	
17.	223131038		Shritej S. Dhumal	18		26	
18.	223131039		Anuja Balwadkar	19		27	
19.	223131040		Aasha S. Pawar	19	*(signature)*	28	
20.	223131042		Sandeep Rathour	18		28	

Dr. Mohini S. Gupte

Examiner

Dr. Rucha Purandare

Examiner

Modern College of Arts, science and Commerce

Ganeshkhind pune

Department of Physics

Report

" Basic Astronomy Course"

Department of physics had conducted a Certificate course on "Basic Astronomy Course "for undergraduate and post graduate students of different faculties. This course included both theoretical and practical sessions and of hybrid mode . This course is of 3 credits. In this course most of the lectures was conducted by Jyotirvidya parisantha pune. Student Assessment was done by taking Online test 20 marks. All participants have also visited to science park Chinchwad . We have issued Certificate to students.

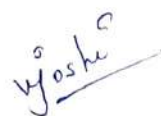.Duration of course : 16 /3/ 2023 to 8/4/2023 (30 hours)

Number of enrolled students :79

Number of students completed course : 79

Coordinator

Head of Department

(Mahendra Waghmare)

Head
Department of Physics
P.E. Society's Modern College
of Arts, Science & Commerce,
Ganeshkhind, Pune-411 016.

Principal
Modern College of Arts, Science
Commerce, Ganeshkhind, Pune-16.

Academic Year 2022-23

DEPARTMENT OF BCA (Science)

REPORT OF: Drone Technologies and its Application

*Rationale/Need:

1. A student tends to be more interested in participating in class when there is a topic he or she would like to know more about.

2. Guest speakers also had an impact on staff as well as students, in the most beneficial way Possible and improved their knowledge

3. Industrial perspective is added to give better exposure to industrial challenges.

*Objectives:

1. It facilitates student learning and provides information and skills beyond the curriculum.

2. It helps in enhancement of the students' educational experience

3. It offers a new perspective and variety in the curriculum, that in turn brings a better learning experience to the students

*Nature of activity: Workshop

*Details of activity:

Date or Dates: **11 Feb 2023 to 20 May 2023 on every Saturday**
Duration: **45 hours Timing: 2:00 pm To 5.00 pm**

*Names of guests:

1. Mrinalini Badhane .
Assistant Professor
2. Sachin Bhangal

*Number of beneficiaries

Students: Male-19 Female- 06   Total-25
Teachers: Male- 1   Female- 02   Total- 03

Principal
Modern College of Arts, Science
& Commerce, Ganeshkhind, Pune-16.

*Outcomes that have fulfilled your objectives: On completion of the course, student will be able

     1. Get familiar with different Drone technologies.
     2. Understand uses of Drone technologies.
     3. Build and develop simple drone applications.

Name &Signature of the Coordinator

Academic Year 2022-23

DEPARTMENT OF BCA (Science)

REPORT OF: Embedded C and Robotics Apps

*Rationale/Need:
   1. A student tends to be more interested in participating in class when there is a topic he or
      she would like to know more about.
   2. Guest speakers also had an impact on staff as well as students, in the most beneficial way
      Possible and improved their knowledge
   3. Industrial perspective is added to give better exposure to industrial challenges.

*Objectives:

   1. It facilitates student learning and provides information and skills beyond the curriculum.

   2. It helps in enhancement of the students' educational experience

   3. It offers a new perspective and variety in the curriculum, that in turn brings a better
       learning experience to the students

*Nature of activity: Workshop

*Details of activity:
   Date or Dates: 11 Feb 2023 to 20 May 2023 on every Saturday
   Duration: 45 hours Timing: 2:00 pm To 5.00 pm
*Names of guests:
            1. Dr. Sonali Powar
            2. Vrushali Shinde
            3. Dr. Kurne Inamdar F.H.

 *Number of beneficiaries
   Students: Male-19 Female- 03 Total-22
   Teachers: Male- 1   Female- 2   Total- 3

*Outcomes that have fulfilled your objectives: On completion of the course, student will be able

    1. To develop the Embedded C programming skills among the students through sensor & actuator interfacing with microcontroller.

    2. To develop Android Apps for Robo-car using Android Studio and many more.

    3. To benefit the students for their employment support.

Name &Signature of the Coordinator

Principal
Modern College of Arts, Science
& Commerce, Ganeshkhind, Pune-16.

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P.E. Society's

Modern College of Arts, Science and Commerce Ganeshkhind Pune
Academic Year 2022-2023
Department of English
REPORT – Certificate Course in French Language

</div>

Rationale:

1 To introduce students to foreign language and its vocabulary

2. To enhance and widen employability scope for students

3. To empower students with the knowledge of language and its social context

Objectives:

1. To introduce French language and provide a brief socio-cultural and economic context

2. To introduce students to the basic structure of the language and its concepts

3. To introduce students to different levels of vocabulary associated with different contexts

Nature of activity: Academic

Details of activity:

 Dates : 09/11/2022 to 14/04/2023

 Duration: 40 hours

Number of beneficiaries

 Students: Male – 07   Female – 25   Total - 32

Award or appreciation: students received certificates for successfully completing the course.

Outcomes:

1. Students understand the basic structure of French Language

2. Students develop confidence to explore the different structure of vocabulary

3. The practical application of this language is also learnt by the students

Head, Department of English
Head
Department of English
P.E.S. Modern College of Arts, Science,
and Commerce, Ganeshkhind, Pune-16

Principal
Principal
P.E.S.'s Modern College of Arts,
Science & Commerce (Autonomous)
Ganeshkhind, F

Principal
Modern College of Arts, Science
Commerce, Ganeshkhind, Pune-16.

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P.E. Society's
Modern College of Arts, Science and Commerce Ganeshkhind Pune

Academic Year 2022-23

DEPARTMENT OF BCA (Science)

</div>

REPORT OF: IoT & Smart Monitoring Application

*Rationale/Need:

1. A student tends to be more interested in participating in class when there is a topic he or she would like to know more about.

2. Guest speakers also had an impact on staff as well as students, in the most beneficial way Possible and improved their knowledge

3. Industrial perspective is added to give better exposure to industrial challenges.

*Objectives:

1. It facilitates student learning and provides information and skills beyond the curriculum.

2. It helps in enhancement of the students' educational experience

3. It offers a new perspective and variety in the curriculum, that in turn brings a better learning experience to the students

*Nature of activity: Workshop

*Details of activity:

Date or Dates: 11 Feb 2023 to 20 May 2023 on every Saturday
Duration: 45 hours Timing: 2:00 pm To 5.00 pm

*Names of guests:

1. Mr. Pragat Shah, Pune.

*Number of beneficiaries

Students: Male-18 Female- 02 Total-20
Teachers: Male- 1 Female- 1 Total- 02

*Outcomes that have fulfilled your objectives: On completion of the course, student will be able

1. To use different IoT Platforms.
2. To analyze live data with help of ThingSpeak.
3. To develop IOT based Smart Monitoring Applications using ThingSpeak

It will definitely benefit the students for their employment support.

Name &Signature of the Coordinator   **Principal**

Principal
Modern College of Arts, Science
& Commerce, Ganeshkhind, Pune-16.

PES' Modern College of Arts, Science and Commerce, Ganeshkhind, Pune - 16

Department of History

Certificate Course in Modi Script Report

Course Objectives:

1. The aim of the Course is to introduce students to the importance of the study of Historical Modi script

2. The paper will help students get an in-depth understanding of medieval Maratha history.

Details of Course:

The department of History has organized the Modi script class for students of all Faculties under the Extra Credit Course. In the academic year (2022-23) it was organized from 20 March 2023 to 13April 2023
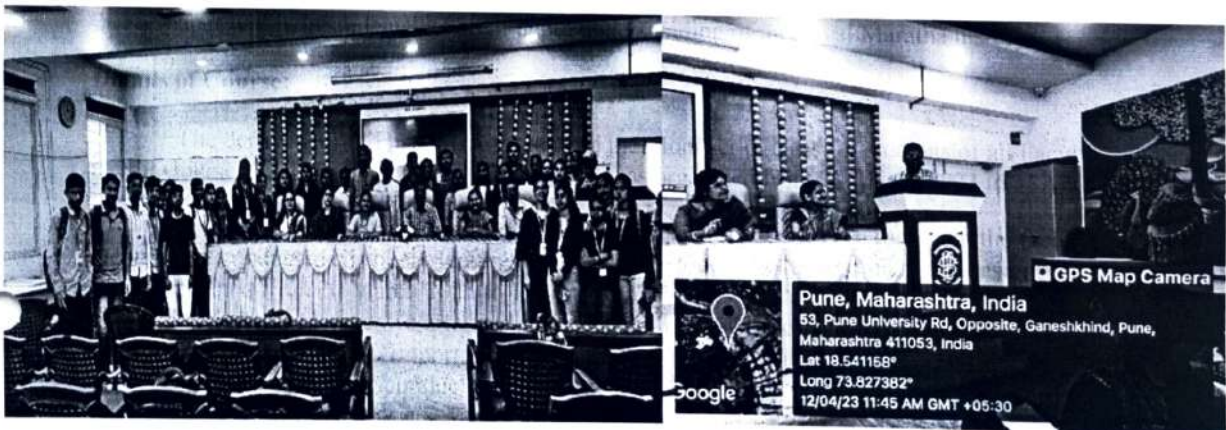
In this course 84 Students participate. Dr. Shweta Sawale & Dr. Garud from the faculty of History Department conducted 51 theory lectures & taught the Modi Script according to the designed syllabus. Lectures were conducted from 20 March 2023 to 13April 2023(2 hours Theory & 1 hours Revision/Exercise)

During this Course, we arranged two guest lectures by experts. We invited Mr. Girish Mandke to guide our students on the topic of 'Importance of Modi script' on 12 April 2023,

on 8 April 2023 we conducted the Practical Viva Exam of Students and on 15th April 2023 we scheduled the written.

This year we conducted whole course through online Mode

Number of participants: Male – 28, Female- 56, Total- 84

Valedictory function of Modi Script Course   Guest Lecture Conducted by Dr. Girish Mandke

Outcomes:

1. It helped students to understand the importance of Modi script in medieval Maharashtra.
2. Students are able to read and write basic Modi Script
3. The course helped to extend the historical literacy.
4. It encouraged interaction with students from other colleges.

Coordinator

Vice-Principal
P.E.S.'s Modern College of Arts,
Science & Commerce (Autonomous)
Ganeshkhind, Pune-16.

Principal

Principal
P.E.S.'s Modern College of Arts,
Science & Commerce (Autonomous)
Ganeshkhind, Pune-16.

Principal
Modern College of Arts, Science
Commerce, Ganeshkhind, Pune-16.

Academic Year 2022-23

DEPARTMENT OF BCA (Science)

REPORT OF: Python Programming for Data Science and Machine Learning

*Rationale/Need:

1. A student tends to be more interested in participating in class when there is a topic he or she would like to know more about.

2. Guest speakers also had an impact on staff as well as students, in the most beneficial way Possible and improved their knowledge

3. Industrial perspective is added to give better exposure to industrial challenges.

*Objectives:

1. It facilitates student learning and provides information and skills beyond the curriculum.

2. It helps in enhancement of the students' educational experience

3. It offers a new perspective and variety in the curriculum, that in turn brings a better learning experience to the students

*Nature of activity: Workshop

*Details of activity:
  Date or Dates: 11 Feb 2023 to 20 May 2023 on every Saturday
  Duration: 45 hours Timing: 2:00 pm To 5.00 pm

*Names of guests:
        1. Mr. Saurabh Shaligram, Pune.

 *Number of beneficiaries
  Students: Male-22 Female- 05   Total-27
  Teachers: Male- 1   Female- 2   Total- 3

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& Commerce, Ganeshkhind, Pune-16.

*Outcomes that have fulfilled your objectives: On completion of the course, student will be able

     1. To use fundamental programming concepts.

     2. To implement Machine Learning Algorithms.

     3. To use NumPy for Numerical Data.

     4. To use Pandas for Data Analysis.

     5. To use Matplotlib for Python Plotting.

     6. To use Seaborn for statistical plots.

Name &Signature of the Coordinator   **Principal**

Department of Geography

Academic Year 2022-23

CERTIFICATE COURSE IN TRAVEL AND TOURISM

Introduction:

UGC has focused on promoting extra credit courses for the benefits of students in the curriculum. There is not only a need for travel and tourism in the society but also employment opportunities for the students. Department of Geography has initiated a **Certificate Course in Travel and Tourism** from the academic year 2022-23.

Objectives:

1. To make students aware of significance and potential of tourism sector.
2. To make students understand the basic concepts of tourism.
3. To make students know the employment generation opportunities in the field of tourism.

Duration and Details of the Course:

The course has begun from 20 March to 11 May 2023. The course was open to all. It consists of lectures on alternate days in a week in two batches separately for English and Marathi medium students. Total **85 students** enrolled for the course. The course was designed for 45 hours with 3 credits.

The inauguration function was held on Monday 20 March 2023 at college AV hall at 12 noon. Mr. Umesh Zirpe a veteran mountaineer and President of Akhil Mhaharashtra Giryarohan Mahasangh was the guest for inauguration.

Mrs Supriya Karmarkar Dy. Director MTDC (Pune), Dr. Satilal Patil and couple Mr. Sudhir and Mrs. Pratibha Karandikar were the other speakers invited to interact with the students during the month-long course.

Study Tour: A study tour was organized at Sambhajinagar, Ellora Caves (Verul), Daulatabad fort and surrounding areas on 21-22 April 2023. Total 60 students, 3 teaching staff and 2 non-teaching staff accompanied to this study tour.

Heritage Walk was conducted at Pune city on 19 March 2023 as a part of course and those who didn't participate for long tour.

The valedictory function was held on 11 May 2023 at college AV hall at 11 am. The chief guests for the valedictory function were Mr. Sudhir and Mrs. Pratibha Karandikar who gave away certificates to the participants.

A certificate was awarded to the participants after completing course successfully. Certificates were given based on assessment which included weightage to regular attendance, poster making and presentation on Travel Circuits, participation in study tour and submission of study tour report and written test.

Assessment was done out of 100 marks consists of Attendance (10 marks), Poster making and Presentation (15 marks), Study tour report (25 marks) and Written test (50 n

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Declaration of Result: Total 85 students have enrolled in the course. 69 students (81%) have successfully completed course and awarded a certificate.

Sr. No	Grade	Grade Point	No of Students
1	A+	Above 80	3
2	A	71 to 80	6
3	B+	61 to 70	29
4	B	51 to 60	21
5	C	40 to 50	10

The three **toppers** of the course were

1. Manasi Gurav (84 marks)
2. Sonal Raut (83 marks)
3. Swarupa Padwal (83 marks)
4. Janvi Rajput (80 marks)

The topper of the course was awarded with a certificate and refund of course fees. Ms. Manasi Gurav was the topper of the course.

Outcomes:

1. Students get basic information about travel and tourism sector.
2. Students get interest to peruse further knowledge.
3. Students get ideas about employment opportunities in this service.

Study Tour @ Sambhajinagar

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Heritage Walk @ Shaniwar Wada

Valedictory Program

Dr. Satilal Patil interacting with students

Group Photo @ Bibi ka Maqbara

Prize Distribution_ Manasi Gurav

Felicitation_ Sanchit Bondre

Mr. Motilal More
Coordinator
Tourism Course

Dr. Sanjay Patil
Head
Departm

Principal
Modern College of Arts, Science
Commerce, Ganeshkhind, Pune-16.