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WORK IS WORSHIP

SHRI PRINCE SHIVAJI MARATHA BOARDING HOUSE'S
(Awardee of 'An Ideal Institution' by Government of Maharashtra)

THE NEW COLLEGE, KOLHAPUR

ARTS, COMMERCE, SCIENCE, B.C.S., B.C.A. & B.B.A.

Affiliated to Shivaji University, Kolhapur & Reaccredited by NAAC (with 'B' Grade)
1062, 'A' Ward, Shivaji Peth, Kolhapur - 416 012, Maharashtra

1.1.2 Number of certificate/diploma program introduced during the last five years

E-Banking and Financial Services **(2014-19)**

Permission letter

88A



F.D. Diary No 8125 (FD-III)
Date, 24/11/14.

UNIVERSITY GRANTS COMMISSION
35, FERROZSHAH ROAD
NEW DELHI - 110 001

E.No.4-344/2013 (COC)

Dec., 2014

The Under Secretary (FD-III)
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi-110002

18 DEC 2014

Subject:- Approval and release of Grant-in-aid to **The New College Kolhapur, Distt-Kolhapur-416002, Maharashtra** under the UGC scheme of Career Oriented Courses regarding:-

Sir,

I am directed to convey the approval of the University Grants Commission to provide financial assistance of **Rs 7,00,000 (Rupees Seven lakh only)** to **The Principal, The New College Kolhapur, Distt-Kolhapur-416002, Maharashtra** in the form of one-time grant as 'seed money' to be utilised for **purchase of books and journal, equipments, augmentation of laboratory facilities, payment of remuneration to Guest/ internal Faculty, remuneration of course coordinator and contingency only for 5 years from the academic year 2014-15** for introduction of courses under Career Oriented Courses as details given below. In that case where the college/ University has started courses during 2013-14 on the basis of the UGC notice issued in the month of April, 2013, five years will be counted from the academic session 2013-14.

S.No.	Name of Course(s) approved	Amount Approved
1	"E-Banking and Financial Services" under Commerce stream	Rs. 7,00,000/-
	Total	Rs. 7,00,000/-

Suitable honorarium out of the resource generated by the Institute may be paid to the Principal and other staff/ members who are involved in the career-oriented courses and who, in addition to their workload, have to perform a number of functions such as arranging guest faculty, liaising with employing establishments for practical training of students, supervising the field work and project work of the students of career-oriented courses etc. The Coordinator of the course may be paid remuneration @ Rs. 5000/- per year out of the 'Seed Money'.

Boj...
PDC
SR...

THE NEW COLLEGE,
KOLHAPUR
1604
25 DEC 2014

Further, I am also directed to convey the sanction of the University Grants Commission for payment of grant of Rs. 6,30,000/- (Rupees Six lakh and thirty thousand only) to The Principal, The New College Kolhapur, Distt-Kolhapur-416002, Maharashtra as 90% of approved grant as 1st instalment under the scheme of Career Oriented Courses for the expenditure to be incurred for five years from the year of approval.

Name of the Scheme	Amount Allocated (Rs.)	Head of Account	Grant now being Released (Rs.)	Grant already Released (Rs.)	Total Grant (Rs.)
Career Oriented Courses	7,00,000/-	3(A) 2202.03.102.10.01.31 UGC Schemes (76%)	4,78,800/-	—	4,78,800/-
		3(B) 2202.03.789.03.01.31 Special component to SC (16%)	1,00,800/-	—	1,00,800/-
		3(C) 2202.03.796.03.01.31 Special component to ST (8%)	50,400/-	—	50,400/-
		Total	6,30,000/-	—	6,30,000/-

2. The Sanctioned amount is debit to the Heads as detailed above and is valid for payment during the current financial year 2014-15 under the UGC Scheme (COC).

3. The amount of the Grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to **The Principal, The New College Kolhapur, Distt-Kolhapur-416002, Maharashtra** through Electronic mode as per the following details:

Payment details:	
(a) Designation and address of Authorized Officer	The Principal, The New College Kolhapur, Distt-Kolhapur-416002, Maharashtra
(b) Bank Name & Address of Branch	Bank of India, 1519 C Jaydhaval, BLDG, Laxmipuri, Kolhapur 416002
(c) Account No.	090010100008601
(d) Type of Account: SB/Current/Cash/Credit	SB
(e) IFSC Code:-	BKID 0000900
(f) MICR Code of Branch	416013002

- The Grant is Subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/Institution.
- The University/Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.
- The University/Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and Instructions/guidelines there under from time to time.

7. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to UGC as early as possible after the close of current financial year.
8. The assets acquired wholly for substantially out of University Grants Commission's Grant shall not be disposed or encumbered or utilised for the purpose other than those for which the grants was given without proper sanction of the UGC and should at any time the University ceased to function, such assets shall revert to the University Grants Commission.
9. A Register of Assets acquires wholly or subsequently out of the grant shall be maintained by the University in the prescribed proforma.
10. The grantee institution shall ensure the utilization of grant-in-aid for which it is being **sanctioned** / paid. In case of non-utilization/part utilization thereof, simple interest @ 10% per annum, as amended from time to time on the unutilized amount from the date of drawal to the date of refund as per provisions contained in General Financial Rules of Govt. of India, will be charged.
11. The University/Institution shall follow strictly the Government of India/UGC's guidelines regarding implementation of the reservation policy [both vertical (for SC, ST, & OBC) and horizontal (for persons with disability etc.)] in teaching and non-teaching posts.
12. The University/Institution shall fully implement the Official Language Policy of Union Government and comply with the Official Language Act, 1963 and Official Language (Use for Official Purposes of the Union) Rules, 1967 etc.
13. The sanction is issued in exercise of the delegation of powers vide UGC Order No. 130/2013 [F.No. 10-11/12 (Admin. IA & B)] dated 28/5/2013.
14. The University/Institution shall strictly follow the UGC regulations on curbing the menace of Ragging in Higher Education Institutions, 2009.
15. The University/Institution shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).
16. The accounts of the University/Institution will be open for audit by the Comptroller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.
17. The annual accounts i.e. balance sheet, income and expenditure statement and statement of receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.
18. **The grant is subject to the condition that in case the status of the college is found to be "Self Financing" (Un- aided Pvt. College) at any stage, the college would refund the amount sanctioned along with the interest earned thereon on sanctioned amount.**

19. The refund of unspent grants in aid and/or interest if any, be credited to following UGC account through e-mode (RTGS/NIFT) under intimation to this office.

Name of Bank : Canara Bank
University Grants Commission, New Delhi-110002
Account No. : 0157101017339
Type of Account : Saving
IFSC Code : CNRB0008627
MICR Code : 110015170
Holder of Account : University Grants Commission, New Delhi

After transfer of funds through E.Mode, the College/ University may send a copy of fund transfer Bank advice to COC Bureau, UGC, 35 Feroze Shah Road, New Delhi-110001 and Section Officer (FD-II), UGC, Bahadur Shah Zafar Marg, New Delhi-110002 for reconciliation and making necessary entries in GIA Register.

20. This issues with the concurrence of IFD vide Diary No. 6754 dated 28.10.2014.

21. This issues with the approval of Joint Secretary vide Diary No. 31718 dated 18/11/2014.

Yours faithfully,

(Sunita Chugh)
Under Secretary

Copy forwarded for information and necessary action for:

1. The Principal, The New College Kolhapur, Distt-Kolhapur-416002, Maharashtra to intimate the receipt of the letter as well as the receipt of the sanctioned grant.
2. The Secretary to the Government of Maharashtra, Deptt. of Education, Mumbai.
3. The Registrar, Shivaji University, Kolhapur.
4. Office of Director, General, Audit General Revenues, AGCR Bldg., I.P. Estate, New Delhi.
5. Guard File, UGC, New Delhi.

(Madhu Mahajan)
Section Officer

Syllabus

CURRICULUM FOR COC -2012-13 E-BANKING & FINANCIAL SERVICES

CONTENTS

1. Introduction
2. Objectives
3. Job opportunities and development of soft skills
4. Vertical mobility

INTRODUCTION

The objectives of this course in the context of fulfillment of national goal are to train the students for employment in the growing financial sector of economy, both organized and unorganized, to provide an alternative channel for higher education and to prepare students for self-reliance and fruitful employment.

Banking and financial services industry has grown by leaps and bounds and the diversification of activities has lead to exponential increase in the availability of job opportunities in the financial Market related service industries.

To cater to the requirements of the banking allied industries, this E-banking and financial services course syllabus has been prepared for approval.

1. COURSE OBJECTIVES :-

- To understand the basic concepts of E-banking and financial services.
- To impart skills to the students on the services provided by the banking industry.
- To impart skills in various E-banking and allied financial service areas.
- To impart computer operational skills with knowledge of accounting packages, etc.
- To prepare the students for getting up wage and self-employment.

2. JOB OPPORTUNITIES AND DEVELOPMENT OF SOFT SKILLS :

(a) Wage Employment

- Depository companies
- Direct selling agency
- Recovers agencies
- Mutual fund companies
- Micro financial institutions

(b) Self Employment

- Insurance Mutual Fund Agent
- Stock broking Sub-broking
- Postal saving Agents
- Banks Direct Selling Agents
- Verification Agents
- Recovers Agents
- Establishment of Micro Finance
- Door step Banking
- Establishment of chit funds
- Money lending Pawn brokers

SKILLS

- Skills in banking and non banking financial services.
- Skills in Mutual Funds, stock markets, Chit funds, Micro Finance, etc.
- Skills in computer profession i.e. MS-Office, MIS, Accounting packages, Data base etc.

Skills in banking related services

- Awareness about banking activities and banking to customers.

3. DURATION OF COURSE :

1 year Certificate course.

4. VERTICAL MOBILITY

& A. B. out of BBA Or B.C out of B.Sc etc.

5. Syllabus

Paper - I. Basic Accounting for Banking

Paper - II. Banking Institutes & Financial Services

Paper - III. Innovative Banking Practices

Syllabus
THEORY PAPER - I (BASIC OF ACCOUNTANCY FOR BANKING)

1. Introduction to Accounting

Meaning, Objectives, Scope of Accounting, Accounting Concepts, Accounting conventions, Accounting cycle.

2. Journal - construction, uses, recording of different transactions, Advantages of Journal

3. Ledger - Meaning, Ledger types, System of balancing the account - Advantages of Ledger

4. Subsidiary books: Different types of subsidiary books. Purchases book, Sales book, Purchase return book, Sales return book, Bills receivable book, Bills payable book, Journal proper

5. Cash book - Meaning and significance, Kinds of cash book, Simple cash book, Cash book with cash and discount, Cash book with cash, discount and bills, Cash book with bank as discount column, Analytical petty cash book

6. Bank Reconciliation Statement

Meaning and significance, Pass book, Need for reconciliation, Causes of differences, Methods of preparing bank reconciliation statement, Balance sheet of overdraft method, Cheque deposited and dishonour

7. Final Accounts

Significance of Final Balance Sheet, Trading Account, Profit and Loss account, Preparation of Balance Sheet, Assets and Liabilities, Adjustments

8. Average due date with interest calculation: Meaning of average due date, Advantages, Calculation of average due date, Calculation of interest, Simple interest, Compound interest, Compound Amount, Compound Rate (CAFR), Add-on interest.

Reduction in Rate of Interest (ROI) of M1, Present value of sum of money, Reading interest, to help interest calculation on various types of advances (Term loans, over drafts, cash credit, demand loans) and bills discounting.

E-BANKING AND FINANCIAL SERVICES
Paper - II - Banking Institutes & Financial Services

1. BANK AND BANKING

Origin and Growth of Banking, Meaning and definition of Bank, Types of Banks: Commercial Banks, Industrial banks, Agricultural Banks, Exclusive banks, Central Bank, Co-Operative banks, Nationalized banks, (Old & New Pvt. Banks), Regional Rural Banks, NABARD, Asian Development Bank, Banking systems: Branch banking, Unit banking, meaning, Common of Banks, Credit creation, Role of Commercial banks in a developing economy, lead bank schemes, Unit Branch - Franchise banking, Branch Banking.

2. Banking Legislation in India

Banking Regulation Act - Important provisions Viz Definition of Banking Company, Capital, Restriction on banking operations, powers of the RBI

3. RBI Policies - Repo rate, reverse repo rate, and credit policies

4. Deposit Accounts

Meaning, Types of Deposit Accounts viz. Fixed Deposit, Saving Bank Account, Current Deposit, Recurring Deposit - opening and variation, payment of interest, advance against fixed deposit, Surrender of Deposit before maturity, Deposits in Joint names, Retirement of Deposit, Know Your Customer, Anti Money Laundering, Multi Option Deposit, Cash Kiosk, Unfixed Deposit, Floating Deposit, Standing Instructions Implementations - Tax Deducted At Source

5. Loans and advances

Meaning of the term loans, Considerations for sound lending, types of loans, cash credit, overdraft, bills discounting, purchase, consortium finance, Term loan, specific loans, mode of recovery, Securities for advances, Meaning of Securities, Term Deposit Receipts, Gold, Vehicles, Land, Buildings, Goods, Document of Title, Government Securities, Modes of Changing the security, Cash pledge, Hypothecation, Mortgage

6. Introduction to NPA

Standard Assets, Substandard Assets, Doubtful Assets, Loss Assets, Provisioning requirement, Recovering of Recovering Agents, terms and conditions governing employment of Recovery Agents - RBI Direction on recovery agent

7. Micro Finance

Introduction, Formation of Groups, Self Help Groups (SHG), Micro-Finance Institutions, Registration, Empower women, Role of the Micro-finance Agencies in meeting the credit needs of women, Group dynamics, Bank linkage of the SHG, Revolving Fund, Micro-finance need for control over the micro-finance credit agencies

8. Basics of Income Tax

Income tax, TDS Returns and Form 16, Establishments, PAN Card.

PAPER - III, INNOVATIVE BANKING PRACTICES
2009084

1. E-Banking in India

Introductory concepts, advantages, disadvantages, instrumental E-banking, development of E-banking in India, Banking Sector in India.

2. Cash Handling Practices

Cash on Delivery (C.O.D) and Cash on Receipt and Payments, Receipting, Safe Keeping of Cash by Double Lock system, Letter of Credit (L/C) and other instruments of opening Strong Room, ATM, Innovative Banking Mobile & Tele-Internet, Dear Mail Facility.

3. Clearing System

Meaning, functions, Working Order, Receiving Local Cheques, Drafts etc, Stamping, sorting, preparing schedule and general sundries, exchanging the cheques in clearing house and balancing - Sorting bank wise and Branch wise, putting Bank Endorsement, Receiving the Dishonoured Cheques, Real Time Gross Settlement (RTGS), Electronic funds Transfer (EFT) (Electronic clearing - e-clearing etc).

4. E-Banking Instruments

Application for ATM, Use of ATM Card & PIN Innovative Products, Credit Cards, Debit Cards, ATM Cards, NRI Deposits, Foreign Exchange, Front Office, Back Office, DEMAT A/c, Know Your Customer - Norms stipulated by SEBI

Section-II

Project on E-Banking system, Instruments and Process etc.

Reference Books

1. Banking & Financial system by Prof. Arvasari Ramana Murthy
2. Banking Theory & Practice A. Vasudevan & Sundaram
3. Banking Law London
4. Banking & Financial systems Published by Prof. G. Ram Reddy, Centre for Distance Education, O.U., Hyderabad.
5. Financial mathematics & Services by Rakesh Shabam
6. Marketing in India by S. Neelamegham Published by Vikas Publishing House Pvt. Ltd, New Delhi
7. Marketing Management in India - Ranjan Nair, Sultan Chand, New Delhi
8. Principles of Marketing and Salesmanship by J.C. Sinha. Published by S. Chand and Co. Delhi
9. Salesmanship and publicity by J.S. Patil Published by Sultan Chand and Sons, Delhi
10. Marketing by Ranjan Nair. Published by Sultan Chand and Sons, Delhi
11. Marketing and salesmanship by S.A. Sheekar Published by Himalaya Publishing House
12. Computer Fundamentals in Telugu by Mr. Yesu Babu
13. Fundamental Computer by J. Rajaguru Swamy.
14. Peter Norton's introduction to computers.
15. Manual of SEBI - Part Vb
16. How to do Business Online new & Old Purchase Business - Jain N.K
17. Financial Management Theory & Practice - Chandra P
18. Corporate Financial Management - R. Basant A
19. Indian Finance System - Khatu M
20. Finance Management - Isullathu P.V.

Student List

Career Oriented Course
RESULT 2014-2015
E-BANKING & FINANCIAL SERVICES

total no of students enrolled-23

Sr.No	NAME OF THE STUDENT
1	ADAKE VAISHNAVI VIJAYKUMAR
2	BEPARI ANISMAHAMMAD N.
3	BHISE SUNIL NANDKUMAR
4	GAIKWAD ASHWINI ROHIDAS
5	GHORPADE PRIYANKA SUNIL
6	GHORPADE SANGRAM SAMBHAJI
7	GHUGARDARE ONKAR KAMLAKAR
8	GURAV PRATIK SUBHASH
9	KADUSKAR SNEHAL DNYANESHWAR
10	KAMAT HARSHAL BHASKAR
11	KAREKAR TRUPTI M.
12	KULKARNI OMKAR MILIND
13	MANE NILAMBARI DATTATRAY
14	MUJUMDAR SONALI SANJAY
15	PATIL ANIL ASHOK
16	PATIL SHARVARI UTTAM
17	PATIL SURAJ SANJAY
18	PATOLE HARSHADA SUNIL
19	POTDAR POOJA SANJAY
20	RANAGE KETAN SUNIL
21	SARNAIK NAMRATA MANOJ
22	SHAHA AKSHAY SUNIL
23	SHIRKE SUPRIYA DATTATRAY

Shri Prince Shivaji Maratha Boarding

THE NEW COLLEGE, KOLHAPUR.

Career Oriented Course

RESULT 2015-2016

E-BANKING & FINANCIAL SERVICES

Total no of students enrolled- 11

Sr.No	NAME OF THE STUDENT
1	DHUMAL AISHWARYA SUBHASH
2	GAWAS AARTI DNYANESHWAR
3	GURAV RUPALI KUNDALIK
4	HARALE SONAM EKANATH
5	HARALE SUJATA SURESH
6	JADHAV SHIVANI SANJAY
7	PATIL KOMAL YASHWANT
8	PATIL SHWETA VISHVAS
9	RANAGE KALPANA DOULU
10	SUTAR SHIVANI SHIVAJI
11	VANJARE MAYURI MARUTI

Career Oriented Course
~~RESULT~~ 2016-2017
E-BANKING & FINANCIAL SERVICES

Total no of students enrolled- 14

Sr.No	NAME OF THE STUDENT
1	BHOSALE GANESH SURESH
2	CHAVAN PRATIKSHA RAJENDRA
3	CHOUGALE JIJABAI SATAPPA
4	CHOUGALE VAIBHAV BAJARANG
5	DESAI SUSHMA GANPATI
6	JADHAV KALYANI RAJENDRA
7	KULKARNI DIPSHREE PADMAKAR
8	LAD SYALI SACHIN
9	PATIL JYOTI VIKRAM
10	SALOKHE PRATIKSHA PRAKASH
11	SWAMI ANIKET SHRIKANT
12	VHARKAT ROHAN MANOHAR
13	WADKAR GAURI BAJIRAO
14	WADKAR JYOTI HAMBIRARAO

Shri Prince Shivaji Maratha Boarding

THE NEW COLLEGE, KOLHAPUR.

Career Oriented Course

RESULT 2017-2018

E-BANKING & FINANCIAL SERVICES

Total no of students enrolled- 10

Sr.No	NAME OF THE STUDENT
1	GANDHI SAKSHI SHAMKANT
2	GHORPADE SHRIYA YUVRAJ
3	GOSAVI MANASI MURALIDHAR
4	KELUSKAR NIKITA SANDEEP
5	KULKARNI RUCHA RAMESH
6	MHATUGADE HARSHADA PRAKASH
7	VAGAVEKAR SHRDDHA SAMBHAJI
8	MANE NISARG BABASAHEB
9	MEDHE VAIBHAV NIVAS
10	MORE RADHIKA NITIN

Shri Prince Shivaji Maratha Boarding

THE NEW COLLEGE, KOLHAPUR.

Career Oriented Course

RESULT 2018-2019

E-BANKING & FINANCIAL SERVICES


Total no of students enrolled- 13

Sr.No	NAME OF THE STUDENT
1	BHOSALE SAKSHI KRUSHNAT
2	CHAVAN RAJLAXMI NITIN
3	CHAVAN SNEHA UTTAM
4	CHOUGULE VRUSHALI VINAYAK
5	DESHPANDE RAKSHANDA RAVINDRA
6	GADKARI NAMIRA FIROZ
7	GHODKE SHRUTI SANTOSH
8	MANE MANASI RUHUL
9	MANE SANJIVANI SURYAKANT
10	PATIL HARSHADA UTTAMRAO
11	PATIL TEJAL CHANDRAKANT
12	POWAR RASIKA RANJIT
13	SHETE VAISHNAVI VIVEK

Assessment Procedure

Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR.
Career Oriented Course
RESULT 2014-2015
E-BANKING & FINANCIAL SERVICES

Sr.No	NAME OF THE STUDENT	RESULT
1	ADAKE VAISHNAVI VIJAYKUMAR	PASS
2	BEPARI ANISMAHAMMAD N.	PASS
3	BHISE SUNIL NANDKUMAR	PASS
4	GAIKWAD ASHWINI ROHIDAS	PASS
5	GHORPADE PRIYANKA SUNIL	PASS
6	GHORPADE SANGRAM SAMBHAJI	PASS
7	GHUGARDARE ONKAR KAMLAKAR	PASS
8	GURAV PRATIK SUBHASH	PASS
9	KADUSKAR SNEHAL DNYANESHWAR	PASS
10	KAMAT HARSHAL BHASKAR	PASS
11	KAREKAR TRUPTI M.	PASS
12	KULKARNI OMKAR MILIND	PASS
13	MANE NILAMBARI DATTATRAY	PASS
14	MUJUMDAR SONALI SANJAY	PASS
15	PATIL ANIL ASHOK	PASS
16	PATIL SHARVARI UTTAM	PASS
17	PATIL SURAJ SANJAY	PASS
18	PATOLE HARSHADA SUNIL	PASS
19	POTDAR POOJA SANJAY	PASS
20	RANAGE KETAN SUNIL	PASS
21	SARNAIK NAMRATA MANOJ	PASS
22	SHAHA AKSHAY SUNIL	PASS
23	SHIRKE SUPRIYA DATTATRAY	PASS

For 
Co-ordinator
Career Oriented Course,
The New College, Kolhapur.

Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR.

Career Oriented Course

RESULT 2015-2016

E-BANKING & FINANCIAL SERVICES

Sr.No	NAME OF THE STUDENT	RESULT
1	DHUMAL AISHWARYA SUBHASH	PASS
2	GAWAS AARTI DNYANESHWAR	PASS
3	GURAV RUPALI KUNDALIK	PASS
4	HARALE SONAM EKANATH	PASS
5	HARALE SUJATA SURESH	PASS
6	JADHAV SHIVANI SANJAY	PASS
7	PATIL KOMAL YASHWANT	PASS
8	PATIL SHWETA VISHVAS	PASS
9	RANAGE KALPANA DOULU	PASS
10	SUTAR SHIVANI SHIVAJI	PASS
11	VANJARE MAYURI MARUTI	PASS

For 
Co-ordinator
Career Oriented Course,
The New College, Kolhapur


Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR.

Career Oriented Course

RESULT 2016-2017

E-BANKING & FINANCIAL SERVICES


Sr.No	NAME OF THE STUDENT	RESULT
1	BHOSALE GANESH SURESH	PASS
2	CHAVAN PRATIKSHA RAJENDRA	PASS
3	CHOUGALE JIJABAI SATAPPA	PASS
4	CHOUGALE VAIBHAV BAJARANG	PASS
5	DESAI SUSHMA GANPATI	PASS
6	JADHAV KALYANI RAJENDRA	PASS
7	KULKARNI DIPSHREE PADMAKAR	PASS
8	LAD SYALI SACHIN	PASS
9	PATIL JYOTI VIKRAM	PASS
10	SALOKHE PRATIKSHA PRAKASH	PASS
11	SWAMI ANIKET SHRIKANT	PASS
12	VHARKAT ROHAN MANOHAR	PASS
13	WADKAR GAURI BAJIRAO	PASS
14	WADKAR JYOTI HAMBIRARAO	PASS


Co-ordinator
Career Oriented Course,
The New College, Kolhapur

Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR.
Career Oriented Course
RESULT 2017-2018

E-BANKING & FINANCIAL SERVICES

Sr.No	NAME OF THE STUDENT	RESULT
1	GANDHI SAKSHI SHAMKANT	PASS
2	GHORPADE SHRIYA YUVRAJ	PASS
3	GOSAVI MANASI MURALIDHAR	PASS
4	KELUSKAR NIKITA SANDEEP	PASS
5	KULKARNI RUCHA RAMESH	PASS
6	MHATUGADE HARSHADA PRAKASH	PASS
7	VAGAVEKAR SHRDDHA SAMBHAJI	PASS
8	MANE NISARG BABASAHEB	PASS
9	MEDHE VAIBHAV NIVAS	PASS
10	MORE RADHIKA NITIN	PASS


Co-ordinator
Career Oriented Course,
The New College, Kolhapur

Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR.
Career Oriented Course
RESULT 2018-2019
E-BANKING & FINANCIAL SERVICES

Sr.No	NAME OF THE STUDENT	RESULT
1	BHOSALE SAKSHI KRUSHNAT	PASS
2	CHAVAN RAJLAXMI NITIN	PASS
3	CHAVAN SNEHA UTTAM	PASS
4	CHOUGULE VRUSHALI VINAYAK	PASS
5	DESHPANDE RAKSHANDA RAVINDRA	PASS
6	GADKARI NAMIRA FIROZ	PASS
7	GHODKE SHRUTI SANTOSH	PASS
8	MANE MANASI RUHUL	PASS
9	MANE SANJIVANI SURYAKANT	PASS
10	PATIL HARSHADA UTTAMRAO	PASS
11	PATIL TEJAL CHANDRAKANT	PASS
12	POWAR RASIKA RANJIT	PASS
13	SHETE VAISHNAVI VIVEK	PASS


Co-ordinator
Career Oriented Course,
The New College, Kolhapur

Course Outcome

Course Outcome

Career Oriented Course in E-Banking and Financial Services

The certificate course 'E-Banking and Financial Services' has been introduced by UGC and coordinated by The New College, Kolhapur from the academic year 2014 to 2019 for 5 years. The main objective of this course is to develop the awareness about electronic banking system in the modern era. There is a need to understand the internet banking, debit and credit cards, ATM transactions and e-commerce to develop the banking system. This course is introduced towards students by keeping the same view of the banking education. It helps in imparting knowledge in the society for better opportunities in the field of banking sector. About 71 students have participated in this course and learnt about banking in 5 years. The students have acquired the skill of cash counting and handling of POS machine. Similarly, they visited the PMC bank for understanding the functioning of a bank. Some of the students have tried to crack the Banking examinations for probationary officers and clerks after completion of the course in various banks such as SBI, IDBI, HDFC, ICICI etc.



Coordinator

Annual Report


Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR
Department of Commerce

CERTIFICATE ORIENTED COURSE IN E-Banking and Financial Services

Annual Report

2014-15

The certificate course '**E-Banking and Financial Services**' was introduced by UGC and coordinated by **The New College, Kolhapur** in the academic year 2014-15. The main objective of this course is to develop the awareness about electronic banking system in the modern era. There is need to understand the internet banking, debit and credit cards, ATM transactions and e-commerce to develop the banking system. This course is introduced towards students by keeping the same view of the banking education. It helps in imparting knowledge in the society for better opportunities in the field of banking sector. 23 students were enrolled in the first batch. It was started in July 2014. Proper time-table was made for it and students got expert guidance of teachers. All 23 students completed their course work successfully. The examination was held in April, **2015**. All the students have passed it successfully and each of them got certificate for the said course.


Coordinator

Annual Report

2015-16

The certificate course 'E-Banking and Financial Services' was introduced by UGC and coordinated by **The New College, Kolhapur** in the academic year 2015-16. The main objective of this course is to develop the awareness about electronic banking system in the modern era. There is need to understand the internet banking, debit and credit cards, ATM transactions and e-commerce to develop the banking system. This course is introduced towards students by keeping the same view of the banking education. It helps in imparting knowledge in the society for better opportunities in the field of banking sector. 11 students were enrolled in the first batch. It was started in June, 2015. Proper time-table was made for it and students got expert guidance of teachers. All 11 students completed their course work successfully. The examination was held in April, 2016. All the students have passed it successfully and each of them got certificate for the said course.



Coordinator

Shri Prince Shiyaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR
Department of Commerce

**CERTIFICATE ORIENTED COURSE IN
E-Banking and Financial Services**

Annual Report

2016-17

The certificate course 'E-Banking and Financial Services' was introduced by UGC and coordinated by **The New College, Kolhapur** in the academic year 2016-17. The main objective of this course is to develop the awareness about electronic banking system in the modern era. There is need to understand the internet banking, debit and credit cards, ATM transactions and e-commerce to develop the banking system. This course is introduced towards students by keeping the same view of the banking education. It helps in imparting knowledge in the society for better opportunities in the field of banking sector. 14 students were enrolled in the first batch. It was started in June, 2016. Proper time-table was made for it and students got expert guidance of teachers. All 14 students completed their course work successfully. The examination was held in April, 2017. All the students have passed it successfully and each of them got certificate for the said course.



Coordinator

Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR
Department of Commerce

**CERTIFICATE ORIENTED COURSE IN
E-Banking and Financial Services**

Annual Report

2018-19

The certificate course 'E-Banking and Financial Services' was introduced by UGC and coordinated by **The New College, Kolhapur** in the academic year 2018-19. The main objective of this course is to develop the awareness about electronic banking system in the modern era. There is need to understand the internet banking, debit and credit cards, ATM transactions and e-commerce to develop the banking system. This course is introduced towards students by keeping the same view of the banking education. It helps in imparting knowledge in the society for better opportunities in the field of banking sector. 13 students were enrolled in the first batch. It was started in June, 2018. Proper time-table was made for it and students got expert guidance of teachers. All 13 students completed their course work successfully. The examination was held in April, 2019. All the students have passed it successfully and each of them got certificate for the said course.



Coordinator



inator



Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR
(Affiliated to Shivaji University, Kolhapur)



This is to certify that _____
has successfully completed

**CERTIFICATE COURSE IN
E-BANKING & FINANCIAL SERVICES**

in the year _____ under COC program of the U.G.C.

The said certificate has been issued to him/her at Kolhapur. In testimony where of
are set the seal of the college and the signature of the Co-ordinator and the Principal
of the said college.

Co-Ordinator

Principal

Geographical Information System

(2014-17)

Permission letter



UNIVERSITY GRANTS COMMISSION
35-FEROZSHAH ROAD
NEW DELHI-110 001

F. No. 4-194/2011(COC)

December, 2011

The Under Secretary (FD-III)
University Grants Commission
New Delhi-110002

4 JAN 2012

Sub: - Release of Grant-in-aid to The New College, Kolhapur, Dist. Kolhapur, Maharashtra-416002 under the UGC scheme of Career Oriented Courses-reg.

Sir,

With reference to the proposal submitted by The New College, Kolhapur, Dist. Kolhapur, Maharashtra-416002 under the UGC scheme of Career Oriented Courses, I am directed to convey the approval of the University Grants Commission for starting the following Career Oriented Courses in the above mentioned College from the academic year 2011-12.

Courses Approved	Seed Money approved (Rs. in lakh)	Grant released (90%)
Science		
1. Industrial Applications of Medicinal Plants	Rs. 10.00	Rs. 9,00,000/-
2. Geographical Information System	Rs. 10.00	Rs. 9,00,000/-
Total	Rs. 20.00	Rs. 18,00,000/-

I am also directed to convey the sanction of the University Grants Commission for payment of **Rs. 18,00,000/-** (Rupees **Eighteen Lakh only**) to the Principal, The New College, Kolhapur, Dist. Kolhapur, Maharashtra-416002 as 90% grant (Seed Money) under the scheme of Career Oriented Courses.

[Signature]
Principal
THE NEW COLLEGE

The assistance available in the programme is only in the form of a one - time as "Seed Money". The amount may be utilized for the purchase of books and journals augmentation of laboratory facilities, equipment and payment of remuneration to the Guest faculty only.

The terms and conditions of the approval and grant released are as per the guidelines of the scheme.

1. The sanctioned amount is debitible to the following Heads and is valid for payment during the current financial year 2011-12.

S. No.	Component	Head of A/c	Amount
1.	General 77.5%	5.(i) Code No. 31	13,95,000/-
2.	SC 15%	1B h(i) (b) Code No. 31	2,70,000/-
3.	ST 7.5%	1B h(ii) (b) Code No. 31	1,35,000/-

2. The amount of grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer), University Grants Commission on the Grants -in -aid bill and shall be disbursed to the credited to the Principal, The New College, Kolhapur, Dist. Kolhapur, Maharashtra-416002 through Demand Draft/Mail Transfer.
3. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/College/Institution.
4. The University/College shall maintain proper accounts only on approved items of expenditure.
5. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it was sanctioned shall be furnished to the University Grants Commission. **On receipt of the same, 10% grant would be sanctioned to the grantee Institution**
6. The assets acquired wholly or substantially out of the University Grants Commission grant shall not be disposed or encumbered or Utilized for the purposes other than those for which the grant was given, without proper sanction of the University Grants Commission and should, at any time the college ceases to function, such assets shall revert to the University Grants Commission.
7. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed form.
8. The grantee institution shall ensure the Utilization of grants-in-aid for which it is being sanctioned/paid. In case non-utilization/part utilization, the simple interest @ 10% per annum as amended from time to time on unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financial Rules of Govt. of India will be charged.


9. **The University/ College shall implement the programme from the academic year 2011-12 positively and UGC to be informed in this regard.**
10. The University/Institute/College is strictly following the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions 2009.
11. The interest earned by the University/College/Institute on this grants in aid shall be treated as additional grant and may be shown in the U.C./Statement of expenditure to be furnished by grantee institutions.
12. The University/College shall follow strictly all the instructions issued by the Govt. of India from time to time with regard to reservation of posts for scheduled Caste and Scheduled Tribes.
13. The University/College shall fully implement the Official Language Policy of Union Govt. and comply with the Official Language Act, 1963 and Official Language (use for officially purpose of the Union) Rules, 1976 etc.
14. The Sanction issues in exercise of the delegation of powers vide Commission office order No. 25/92 dated May.01, 1992.
15. **The Universities/ Colleges shall submit Annual Progress Report to the UGC office.**
16. **The Universities/ Colleges already running the Career Oriented Courses and completed 5 years would submit the audited utilization certificate/ statement of expenditure immediately to the UGC for settlement the accounts.**
17. The funds to the extent are available under the scheme and have been noted in BCR for the year 2011-12 at S. No. _____ Page No. _____.

Yours faithfully,


(Sunita Chugh)
Under Secretary

Copy forwarded for information and necessary action to:

1. The Principal, The New College, Kolhapur, Dist. Kolhapur, Maharashtra-416002 to intimate the receipt of the letter as well as the receipt of the sanction grant.
2. The Secretary to the Government of Maharashtra, Deptt. of Education, Mumbai.
3. The Registrar, Shivaji University, Kolhapur-416004.
4. Office of Director, General, Audit General Revenues, AGCR Bldg., I.P. Estate, New Delhi.
5. Guard File, UGC, New Delhi.


(Usha Naidu)
Section Officer

Syllabus

**CAREER ORIENTED COURSE
IN
“GEOGRAPHICAL INFORMATION SYSTEM”
(With Personality development)**

(THE NEW COLLEGE, KOLHAPUR MAHARASHTRA 416012.)

**First Year : Certificate Course in GIS
(With Personality Development) (20 Credit Course)**

PAPER – I (6 credits)

- Unit – I : Cartography and Map Analysis
- Unit – II : Source of Data
- Unit – III : Geographic Representation

PAPER – II (6 credits)

- Unit – IV : Introduction to GIS
- Unit – V : Data Structure
- Unit – VI : Format of GIS

• **Personality Development (Level – I)**

PAPER – III (8 credits)

- (Practical, field work/ Project)
- Practical on Data input.
- Project on any one Unit.

**Third Year : Advanced Diploma in GIS
(With Personality Development)**

(20 Credit Course)

PAPER – I

Unit – I	:	Introduction to Arc View	(6 credits)
Unit – II	:	Data Type in Arc View	
Unit – III	:	Creating and viewing Maps	

PAPER – II

Unit – IV	:	Digital image processing.	(6 credits)
Unit – V	:	Displaying data (Arc. Map)	
Unit – VI	:	Presenting data	

- **Personality Development (Level – III)**

PAPER – III

(8 credits)

(Practical fieldwork/ Project)
Practical on Arc.view, Arc GIS
ERDAS, Autodesk
(Project on any one Unit)

Student List

THE NEW COLLEGE KOLHAPUR
DEPARTMENT OF GEOGRAPHY
CARRIER ORIENTED COURSES
'CERTIFICATE COURSE IN GIS'
Present/Absent Report

Date: - 02 / 07 / 2016 Sub: Theory

Time: 8 To 10 a.m.

Sr. No.	Name of the Student	Roll No.	Sign
1	Miss. Dhotre Shivani Prakash	44	
2	Miss. Jadhav Shubhangi Rajendar	73	S.R.Jadhav
3	Miss. Khot Madhuri Manohar	115	
4	Miss. Melsingare Dhanashri Dattatray	135	
5	Miss. Patil Ashwini Lahu	173	
6	Miss. Patil Prital Gurunath	179	Patil
7	Miss. Patil Sarika Krishnat	185	Patil
8	Miss. Pawar Aishwarya Rajendra	197	A.R. Pawar
9	Miss. Patil Amruta Babasaheb	243	Patil
10	Miss. Gaikwad Jyoti Shivaji	48	Gaikwad
11	Mr. Davari Shubham Tukaram	36	S.T. Davari
12	Mr. Dhas Vinayak Sarjerao	41	Dhas
13	Mr. Jambhale Suryakant Baburao	76	
14	Mr. Khot Suahant Sanjay	117	Khot
15	Mr. Mane Aditya Vijay	133	A.V. Mane.
16	Mr. Mane Rahul Dnyandev	134	Mane
17	Mr. Patade Subhash Nanu	159	Patade
18	Mr. Chaugale Dayanand Bhagwan	264	
19	Mr. Patil Ramesh Shripati	182	Patil

Signature of Teacher

P. B. Bharkar

THE NEW COLLEGE KOLHAPUR
 DEPARTMENT OF GEOGRAPHY
 CARRIER ORIENTED COURSES
 'CERTIFICATE COURSE IN GIS'
 Present/Absent Report

Date: 16/08/2014 Sub: Fund. of GD

Time: 10:30 To 12:30 pm

Sr. No	Name of Student	Roll No.	Sign.
1	Bhosale Pooja Saklumar	276	<i>P. Bosale</i>
2	Sapate Rajashri Dhamendra	219	<i>R. Sapate</i>
3	Keshave Dhamanraj Balasakhe	74	<i>D. K.</i>
4	Shital Balu Parit	146	S. B. Parit
5	Majumdar Pooja Sanjay	117	<i>P. Majumdar</i>
6	Bhambale Amit Tulkar	13	<i>A. B.</i>
7	Patil Snehal Rajaram	187	<i>S. Patil</i>
8	Saxena Naranay Ram Patil	204	<i>R. N.</i>
9	Ramane Poonam Ananda	212	<i>R. Ramane</i>
10	Powar Komal Sadashiv	205	<i>K. Powar</i>
11	Powar Gwafmati Sadashiv	210	<i>G. Powar</i>
12	Gavde Anina Balaram	55	<i>A. Gavde</i>
13	Patil Nitesh Bhagwan	172	<i>N. Patil</i>
14	Asutekar Dipali Sanjay	05	<i>D. Asutekar</i>
15	Patil Shubhangee Ganesh	186	S. G. Patil
16	Lokhande Saagar Shivaji	114	<i>S. Lokhande</i>
17	Jondhalkar vidhya Jagdish	23	<i>V. Jondhalkar</i>
18	chavan piyush Mahan	23	<i>P. Chavan</i>
19	Khat Neeta Dajdy	98	<i>N. Khat</i>
20	Patil Pranali Raghunath	176	<i>P. Patil</i>
21	Rhatal Dipali Narayan	214	<i>D. Rhatal</i>
22	Dalavi Ankita Pandit	37	<i>A. Dalavi</i>

Signature of the Teacher

(Signature)

Co-ordinator
 Career Oriented Course,
 The New College, Kolhapur.

Assessment Procedure



THE NEW COLLEGE KOLHAPUR
 DEPARTMENT OF GEOGRAPHY
 CARRIER ORIENTED COURSES
 'CERTIFICATE COURSE IN GIS'
 Result 2014-15

Sr. No.	Name of the Student	Class	Exam Seat No.	Marks Out of 100			Result in %
				Paper I	Paper II	Paper III	
1	Asurlekar Dipali Sarjerao	B. A. III	05	55	47	62	54.67
2	Bhavad Amit tukaram	B. A. III	13	52	45	58	51.66
3	Chavan Piyush Mohan	B. A. III	23	70	68	69	69
4	Chile Shailaja Ananda	B. A. III	26	55	58	62	58.33
5	Dabholkar Rohini Vishnu	B. A. III	36	55	48	63	55.33
6	Dalvi Ankita Panditrao	B. A. III	37	68	63	71	67.33
7	Gaikwad Kavita Sambhaji	B. A. III	53	54	51	51	52
8	Gavade Ravina Baliram	B. A. III	55	64	55	68	65.33
9	Jondhalekar Vidhya Jagannath	B. A. III	73	71	64	71	68.66
10	Kachare Dhanajay Balasaheb	B. A. III	74	54	56	60	56.66
11	Kashid Jyoti Lalaso	B. A. III	94	55	48	63	55.33
12	Khot Neeta Dagadu	B. A. III	98	51	45	59	51.66
13	Lokhande Sagar Shivaji	B. A. III	114	72	63	78	71
14	Majgoankar Pooja Sarjerao	B. A. III	117	63	61	72	65.33
15	Parit Shital Balu	B. A. III	146	52	46	57	51.66
16	Patil Nilesh Bhagwan	B. A. III	172	53	63	67	61
17	Patil Pranali Raghunath	B. A. III	176	55	44	64	55.33
18	Patil Shubhangi Gajanan	B. A. III	186	63	62	64	63
19	Patil Snehal Rajaram	B. A. III	187	52	64	67	61
20	Powar Komal Sadashiv	B. A. III	205	71	64	78	71
21	Powar Swapnali Sadashiv	B. A. III	210	62	62	72	65.33
22	Ramane Poonam Ananda	B. A. III	212	54	45	64	55.33



THE NEW COLLEGE KOLHAPUR

DEPARTMENT OF GEOGRAPHY
CARRIER ORIENTED COURSES
'CERTIFICATE COURSE IN GIS'
Result 2015-16

Sr. No.	Name of the Student	Class	Exam Seat No.	Marks Out of 100			Result in %
				Paper I	Paper II	Paper III	
1	Ashwini Dhondiram Adnaik	B. A. III	2	63	61	72	65.33
2	Digvijay Maruti Arekar	B. A. III	6	52	46	57	51.66
3	Chougale Vikram Ananda	B. A. III	26	53	63	67	61
4	Shrinivas Shripad Deshpande	B. A. III	33	55	44	64	55.33
5	Akshay Amol Gurav	B. A. III	48	71	64	71	68.66
6	Gurav Shubhangi Balasaheb	B. A. III	50	54	56	60	56.66
7	Anuradha Dinkar Jadhav	B. A. III	60	55	48	63	55.33
8	Lakhan Mahadev Jadhav	B. A. III	61	51	45	59	51.66
9	Shivani Deepak Jadhav	B. A. III	66	68	63	71	67.33
10	Swanand Rajendra Jadhav	B. A. III	67	54	51	51	52
11	Omkar Ananda Jagdale	B. A. III	70	64	55	68	65.33
12	Kambar Bhagyashri Apayya	B. A. III	84	71	64	71	68.66
13	Pravin Shankar Khupse	B. A. III	115	54	56	60	56.66
14	Priyanka S. Mahajan	B. A. III	132	53	63	67	61
15	Suraj V. Mane	B. A. III	135	55	44	64	55.33
16	Pravin Ganpati Mohite	B. A. III	143	68	63	71	67.33
17	Pankaj Vilas More	B. A. III	145	54	51	51	52
18	Aarati Jaysing Patil	B. A. III	166	64	55	68	65.33
19	Bharat Lingappa Patil	B. A. III	178	71	64	71	68.66
20	Dhiraj Vilas Patil	B. A. III	181	54	56	60	56.66
21	Harshavardhan Arun Patil	B. A. III	183	53	63	67	61
22	Mahesh Machhindra Patil	B. A. III	189	55	44	64	55.33



THE NEW COLLEGE KOLHAPUR
 DEPARTMENT OF GEOGRAPHY
CARRIER ORIENTED COURSES
'CERTIFICATE COURSE IN GIS'
 Result
 2016-17

Sr. No.	Name of the Student	Class	Exam Seat No.	Marks Out of 100			Result in %
				Paper I	Paper II	Paper III	
1	Miss. Priyanka S. Atigare	B. A. III	8	57	47	60	54.67
2	Mr. Davari Shubham Tukaram	B. A. III	36	50	45	60	51.66
3	Mr. Dhas Vinayak Sarjerao	B. A. III	41	70	68	69	69
4	Miss. Dhotre Shivani Prakash	B. A. III	44	55	58	62	58.33
5	Miss. Gaikwad Jyoti Shivaji	B. A. III	48	55	48	63	55.33
6	Miss. Jadhav Shubhangi Rajendar	B. A. III	73	64	55	68	65.33
7	Mr. Jambhale Suryakant Baburao	B. A. III	76	71	64	71	68.66
8	Miss. Kapase Priyanka Sanjay	B. A. III	107	54	56	60	56.66
9	Miss. Khot Madhuri Manohar	B. A. III	115	55	48	63	55.33
10	Miss. Khot Pooja Sanjay	B. A. III	116	63	61	72	65.33
11	Mr. Khot Suahant Sanjay	B. A. III	117	52	46	57	51.66
12	Mr. Mane Aditya Vijay	B. A. III	133	53	63	67	61
13	Mr. Mane Rahul Dnyandev	B. A. III	134	55	44	64	55.33
14	Miss. Melsingare Dhanashri Dattatray	B. A. III	135	63	62	64	63
15	Mr. Patade Subhash Nanu	B. A. III	159	65	62	70	65.66
16	Miss. Patil Ashawini Lahu	B. A. III	173	62	59	69	63.33
17	Miss. Patil Prital Gurunath	B. A. III	179	64	63	71	66.00
18	Mr. Patil Ramesh Shripati	B. A. III	182	57	57	63	59.00
19	Mr. Patil Sadanand Tanaji	B. A. III	184	52	50	59	53.66
20	Miss. Patil Sarika Krishnat	B. A. III	185	55	54	61	56.66

Course Outcome

Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE KOLHAPUR
DEPARTMENT OF GEOGRAPHY
CAREER ORIENTED COURSES
'CERTIFICATE COURSE IN GIS'

Course Outcomes

Subject Specific Outcomes

- 1. Fundamental of Remote Sensing**
Students have come across the fundamental aspects of advanced Remote sensing technologies and get acquainted with the practical experience of Satellite data interpretation and analysis in digital environment.
- 2. Introduction to Geographical Information System (GIS)**
Students have profoundly explored the capabilities of Geographical Information Science, where they have learned the geospatial data capture, processing, manipulation and application of the same for solving of practical world's problem using various freeware GIS software
- 3. Practical of R.S. and G.I.S.**
Participants have deliberately carried out the practical exercises of Topographical maps, G.P.S handling, Aerial photos exploration, Satellite image processing as well as practiced hands on exercises of geospatial data handling techniques in G.I.S. environment.

Programme Specific Outcomes

- 1) Geoinformatics opens up a new vista of the scientific investigation in the varied disciplines of knowledge. It has been immersed as a growing industry in the field of surveying and software arena. In this context course work has essentially support to inculcate and build the capabilities among the students in order to further learn and explore the advances in Geoinformatics.

Annual Report

Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR
Department of Geography

CERTIFICATE ORIENTED COURSE IN GEOGRAPHICAL INFORMATION SYSTEM Annual Report

2014-15

The certificate course 'Geographical Information System (GIS)' was introduced by UGC and coordinated by **The New College, Kolhapur** in the academic year 2014-15. The main objective of this course is to develop the digital mapping skills with computer application and inculcate the awareness about geo-spatial world. 22 students were enrolled in the first batch. It was started in August, 2014. Proper time-table was made for it and students got expert guidance of teachers. All 22 students completed their course work and practicles successfully. The examination was held in March, 2015. All the students have passed it successfully and each of them got certificate for that.


Coordinator


PRINCIPAL,
THE NEW COLLEGE, KOLHAPUR

Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR
Department of Geography

**CERTIFICATE ORIENTED COURSE IN
GEOGRAPHICAL INFORMATION SYSTEM
Annual Report**

2015-16

The certificate course 'Geographical Information System (GIS)' was introduced by UGC and coordinated by The New College, Kolhapur in the academic year 2015-16. The main objective of this course is to develop the digital mapping skills with computer application and inculcate the awareness about Geo-spatial world. 22 students were enrolled in the first batch. It was started in July, 2015. Proper time-table was made for it and students got expert guidance of teachers. All 22 students completed their course work and practicles successfully. The examination was held in April, 2015. All the students have passed it successfully and each of them got certificate for that.


Coordinator


**PRINCIPAL,
THE NEW COLLEGE, KOLHAPUR**

Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR
Department of Geography

**CERTIFICATE ORIENTED COURSE IN
GEOGRAPHICAL INFORMATION SYSTEM
Annual Report**

2016-17

The certificate course 'Geographical Information System (GIS)' was introduced by UGC and coordinated by **The New College, Kolhapur** in the academic year 2016-17. The main objective of this course is to develop the digital mapping skills with computer application and create awareness about Geo-spatial world. 20 students were enrolled in the first batch. It was started in July, 2016. Proper time-table was made for it and students got expert guidance of teachers. All 20 students completed their course work and practicles successfully. The examination was held in March, 2017. All the students passed it successfully and each of them got certificate for that.


Coordinator


**PRINCIPAL,
THE NEW COLLEGE, KOLHAPUR**



Shri Prince Shivaji Maratha Boarding, House's

THE NEW COLLEGE, KOLHAPUR

(Affiliated to Shivaji University, Kolhapur)



This is to certify that _____
has successfully completed

CERTIFICATE COURSE IN

GEOGRAPHICAL INFORMATION SYSTEM (G.I.S.)

in the year _____ under C.O.C. program of the U.G.C. conducted by the Department of Geography. The said certificate has been issued to him/her at Kolhapur. In testimony where of are set the seal of the college and the signature of the Co-ordinator and the Principal of the said college.

Co-Ordinator

Principal



Industrial Applications Of Medicinal Plants
(2014-16)

Permission letter



UNIVERSITY GRANTS COMMISSION
35-FEROZSHAH ROAD
NEW DELHI-110 001

F. No. 4- 194/2011(COC)

December, 2011

The Under Secretary (FD-III)
University Grants Commission
New Delhi-110002

Ke A J...

Sub: - Release of Grant-in-aid to The New College, Kolhapur, Dist. Kolhapur, Maharashtra-416002 under the UGC scheme of Career Oriented Courses-reg.

Sir,

With reference to the proposal submitted by The New College, Kolhapur, Dist. Kolhapur, Maharashtra-416002 under the UGC scheme of Career Oriented Courses, I am directed to convey the approval of the University Grants Commission for starting the following Career Oriented Courses in the above mentioned College from the academic year 2011-12.

Courses Approved	Seed Money approved (Rs. in lakh)	Grant released (90%)
<u>Science</u>		
1. Industrial Applications of Medicinal Plants	Rs. 10.00	Rs. 9,00,000/-
2. Geographical Information System	Rs. 10.00	Rs. 9,00,000/-
Total	Rs. 20.00	Rs. 18,00,000/-

I am also directed to convey the sanction of the University Grants Commission for payment of Rs. 18,00,000/- (Rupees Eighteen Lakh only) to the Principal, The New College, Kolhapur, Dist. Kolhapur, Maharashtra-416002 as 90% grant (Seed Money) under the scheme of Career Oriented Courses.

W.A.L.
Principal
The New College, Kolhapur



SHIVAJI UNIVERSITY, KOLHAPUR - 416 004 MAHARASHTRA
PHONE : EPBX - 2609000 GRAM : UNISHIVAJI FAX : 0091-0231-2691531 A : 0091-0231-2692333
शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४ महाराष्ट्र
दूरधनी इपीबीएस - २५,९००० संलग्नता टी-२ विभाग विस्तारित दूरधनी - २५,०९०९/९२
संचालक , वी.सी.यु.सी. कार्यालय दूरधनी: (फोन) ०२३१ -२५,०९०९

B Accredited by
NAAC

संदर्भ क्र. शिवाजी वि/संलग्नता/टी-२/पदवी-पदव्युत्तर/तोरस No 4 7 3 9

24 AUG 2012

विद्यापरिषद विषय क्र.(१०)

दि. २४ जुलै, २०१२

मा. प्राचार्य,

दि न्यू कॉलेज,

शिवाजी पेठ, कोल्हापूर

विषय :- आपल्या महाविद्यालयाच्या खालील अभ्यासक्रमांच्या जून, २०१२ पासूनच्या
संलग्नीकरणाच्या नुतनीकरण व अटीबाबत.

संदर्भ :- आपला जा.क्र.एनसीके/५७/२०१२-२०१३ दि.१०/४/२०१२ चा प्रस्ताव.

(पाठ्यक्रम :- नुतनीकरण -COC :-१. Certificate Course in Industrial Applications
of Medicinal Plants २. Certificate Course in Geographical Information System)

महोदय,

आपल्या महाविद्यालयाकडून जून, २०१२ पासून संलग्नीकरणाच्या नुतनीकरणासंदर्भात
उपरोक्त अभ्यासक्रमाचा प्रस्ताव प्राप्त झाला होता. या अभ्यासक्रमांना विद्यापीठाने खालील अटीपूर्वतेच्या
अधीन राहून पुढीलप्रमाणे मान्यता दिली आहे.

अ.क्र.	संलग्नीकरणाचा प्रकार	अभ्यासक्रम	विषय	विद्यापीठाच्या मान्यतेचा कालावधी
१	नुतनीकरण	सी.ओ.सी.	१) Certificate Course in Industrial Applications of Medicinal Plants. २) Certificate Course in Geographical Information System	जून २०१२ पासून जून २०१५ पर्यंत तीन (०३) वर्षासाठी

स्थानिक चौकशी समितीने नमूद केलेल्या अटी खालीलप्रमाणे आहेत.

अटी :-

Certificate Course in Industrial Applications of Medicinal Plants.

ब) भौतिक सुविधांविषयी :-

१. Double Beam Spectrophotometer हे उपकरण खरेदी करण्यात यावे.
२. या कोर्ससाठी २ (दोन) Research Journals सुरु करावेत.
३. या कोर्ससाठी रु.२५,०००/-पर्यंत पुस्तके खरेदी करण्यात यावीत.


Principal
The New College, Kolhapur

THE NEW COLLEGE,
KOLHAPUR.
Inward No. 939
Date 28.8.2012

Syllabus

22

CAREER ORIENTED COURSE
IN
"INDUSTRIAL APPLICATIONS OF MEDICINAL PLANTS"
(THE NEW COLLEGE, KOLHAPUR, MAHARASHTRA 416 012)

First Year: Certificate Course in IAMP

(20 Credit Course)

PAPER – I

(6 credits)

- VBS Unit-I: Need and Importance of Taxonomy, Identification Methods.
- SAD Unit-II: Definition, history and scope of Pharmacognosy including indigenous system of medicine.
- TGN Unit-III: Preparation methods for perfumes, extracts of essential oil, ayurvedic preparations of natural dyes and cosmetics.

PAPER – II

(6 credits)

- VBS Unit-IV: Plant Herbarium-Importance & Preparation.
- MBW Unit-V: Adulteration and drug evaluation; significance of pharmacological standards. Plants used in preparation of general ayurvedic tonics and refreshing drinks.
- Unit-VI: Brief outline of occurrence, distribution, chemical constituents, identification tests and pharmaceutical application of
- Laxatives**- *Aloe vera* (Korphad), *Ricinus communis* (Castor).
 - Cardiotonics**- *Hemidesmus indicus* (Anantmul), *Terminalia arjuna* (Arjuna).
 - Carminatives** - *Zingiber officinale* (Ginger), *Syzygium aromaticum* (Clove).

▪ Personality Development (Level – I)

PAPER – III

(8 credits)

(Practical, field work/ Project)

- VBS/MBW 1) Study of medicinal plants with respect to morphological and anatomical characters of *Terminalia arjuna* (Arjuna), *Syzygium aromaticum* (Clove), *Zingiber officinale* (Ginger) and *Aloe vera* (Korphad).
- TGN/MBW 2) Extraction of essential oil by Soxlet method from any two medicinal plants and preparation of perfumes and cosmetics.
- 3) Visit to forest area to study medicinal and aromatic plants, submission of report.

23

Third Year: **Advanced Diploma in IAMP**
(With Personality Development)

(20 Credit Course)

PAPER – I

(6 credits)

Unit-I: Forensic Botany – Role of morphology, anatomy and chemotaxonomy in criminology.

Unit-II: Methods of standardization of crude drugs and adulteration- Organoleptic, microscopic and physical evaluation.

Unit-III: Monograph of drugs with respect to Botanical source, geographical distribution, cultivation, collection, drying, preparations, preservation, chemical constituent, therapeutic uses from different parts of plant – root, rhizome, stem, bark, leaf, flower, fruit, seed.

PAPER – II

(6 credits)

Unit- IV: Domestication and introduction techniques of some important medicinal plants of the region (*Chlorophytum borivillianum*, *Withania somnifera*, *Aloe vera*).

Unit-V: Lipids: Brief chemistry and role of lipids, classification and qualitative tests. Diseases related to lipids metabolism.

Unit-VI: Marketing of Drugs and patenting of market product (drug).

- **Personality Development (Level – III)**

PAPER – III

(8 credits)

(Practical fieldwork/ Project)

- 1) Project on any one Unit.
- 2) Qualitative and quantitative analysis of Starch, Proteins, Oils, Tannins, Phenols. (any two)
- 3) Practical on estimation of nutraceutical values of some medicinally important plants.
- 4) Preparation of drug- Guduchi Satva, Kumari Satva.

Student List

**Career oriented programme
Industrial applications of Medicinal Plants
Year 2014-15**

Total Number of students enrolled: 16

Sr. No.	Name of the student
1.	Miss Jambhale Prajka M.
2.	Miss Ingawale Priya Sanjay
3.	Miss Ghatage Sneha Arvind
4.	Miss Khedekar Devika Laxman
5.	Miss Maladakar Deepa L.
6.	Miss Patil Aruna Ravindra
7.	Mr. Patil Shailendra Prakash
8.	Miss Patil Snehal Shivaji
9.	Miss Patil Sonal Vaman
10.	Mr. Patil Vishal D.
11.	Miss Patole Shital Vilas
12.	Miss Pawar Shweta S.
13.	Miss Rane Goutami Ramesh
14.	Miss Salokhe Neha Rajendra
15.	Miss Shinde Priyanka Sambhaji
16.	Miss Patil Mayuri S.


CO-ordinator

Year 2015-16

Total Number of students enrolled: 10

Sr. No.	Name of the student
1.	Miss Patil Swapani Sarjerao
2.	Miss Patil Varsha Ramchandra
3.	Miss Patil Madhuri Bhagwan
4.	Miss Kadam Aparna Mohan
5.	Miss Kadam Ashlesha R.
6.	Miss Patil Ketaki Sambhaji
7.	Miss Patil Snehal Amrut
8.	Miss Desai Rutuja Bajirao
9.	Miss Patil Varsha Ramchandra
10.	Miss Patil Rutuja Anil

Assessment Procedure

Shri Prince Shivaji Maratha Boarding House, Kolhapur
THE NEW COLLEGE, KOLHAPUR
DEPARTMENT OF BOTANY

CAREER ORIENTED COURSE

EXAMINATION- 20155

Certificate course in Industrial Applications of Medicinal Plants (IAMP)

Paper-I

Day and Date: Wednesday 18 June 2015 Time: 11.00 to 2.00 P.M. Total marks: 100

*Instructions: 1) All questions are compulsory.
2) Draw neat labeled diagrams whenever necessary.
3) Figures to the right indicate full marks.*

Q. 1 Define pharmacognocny and add a note on its history and scope. 20

Q. 2 Attempt any two of the followings. 40

1. Describe in brief preparation methods for cosmetics and its applications.
2. Describe in brief indigenous systems of medicines.
3. What is perfume. Describe the preparation methods for perfumes.

Q. 3. Write short notes on any four of the followings. 40

- A. Essential oils Estimation
- B. Importance of medicinal plants
- C. Cosmetics
- D. Uses of essential oils
- E. Siddha
- F. Ayurveda

Shri Prince Shivaji Maratha Boarding House, Kolhapur
THE NEW COLLEGE, KOLHAPUR
DEPARTMENT OF BOTANY

CAREER ORIENTED COURSE

EXAMINATION- 2015

Diploma course in Industrial Applications of Medicinal Plants (IAMP)

Paper-I

Day and Date: Wednesday 18 June 2015 Time: 11.00 to 2.00 P.M.

Total marks: 100

- Instructions:* 1) All questions are compulsory.
2) Draw *neat* labeled diagrams *whenever necessary*.
3) Figures to the *right* indicate *full* marks.

Q. 1. Explain pharmacological activity of natural product.

20

Q. 2 Attempt any two of the followings.

40

1. Explain medicinal plants with following points.
 - a) Classification
 - b) Plant part used
 - c) Curing diseases
2. Explain different methods qualitative and quantitative analysis of carbohydrates.
3. Explain in details the morphology, distribution and medicinal uses of Ashwgandha and Opium.

Q. 3. Write short notes on any four of the followings.

40

- a. Tannins
- b. Lipids
- c. Role of proteins
- d. Minerals
- e. Tulsi-medicinal plant
- f. Chromatographic techniques

Shri Prince Shivaji Maratha Boarding House, Kolhapur
THE NEW COLLEGE, KOLHAPUR
DEPARTMENT OF BOTANY
CAREER ORIENTED COURSE
EXAMINATION- 2015
Certificate course in Industrial Applications of Medicinal Plants (IAMP)
Paper-II

Day and Date: Thursday 19 June 2015
Total marks: 100

Time: 11.00 to 2.00 P.M.

- Instructions:* 1) All questions are compulsory.
2) Draw *neat* labeled diagrams *whenever* necessary.
3) Figures to the *right* indicate *full* marks.

Q. 1. What is herbarium? Add a note on its preparation methods.

20

Q. 2 Attempt any two of the followings.

40

1. What are carminatives? Describe occurrence, morphology and chemical constituents of any one carminative that you have studied.
2. Define adulteration with various examples.
3. Describe in details morphology and medicinal uses of any two of followings.
 - a. *Hemidesmus indicus*
 - b. *Aloe vera*
 - c. *Zingiber officinale*

Q. 3. Write short notes on any four of the followings.

40

- a) Clove- Morphology and pharmaceutical applications
- a) *Ricinus communis* – Morphology and medicinal uses.
- b) *Hemidesmus indicus*- chemical constituents and its applications
- c) Preparation of Herbarium
- d) Importance of herbaria
- e) *Terminalia arjuna* are important medicinal plants. Discuss.

Shri Prince Shivaji Maratha Boarding House, Kolhapur
THE NEW COLLEGE, KOLHAPUR
DEPARTMENT OF BOTANY

CAREER ORIENTED COURSE

EXAMINATION- 2015

Diploma course in Industrial Applications of Medicinal Plants (IAMP)

Paper-II

Day and Date: Thursday 19 June 2015 Time: 11.00 to 2.00 P.M. Total marks: 100

- Instructions:* 1) All questions are compulsory.
2) Draw *neat* labeled diagrams *whenever necessary*.
3) Figures to the *right* indicate full marks.

Q. 1. Carbohydrates brief history and methods of analysis. 20

Q. 2 Attempt any two of the followings. 40

1. What are Vitamins ? Explain their correlation with co-enzyme.
2. Explain the amino acids. Highlight on its classification and biological value.
3. Describe in brief chemistry and diseases that related to carbohydrate metabolism.

Q. 3. Write short notes on any four of the followings. 40

1. Role of Vitamins
2. Polypeptide
3. Qualitative tests for carbohydrates
4. Role of minerals in life process
5. Importance of Proteins

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Course Outcome

INDUSTRIAL APPLICATIONS OF MEDICINAL PLANTS: SCOPE OF THE PROGRAMME

"HEALTH IS WEALTH"

It is estimated that about 2000 species of medicinal plants grow in India. India is a genuine emporium of medicinal plants. Nearly three-fourth of the drugs mentioned in the various pharmacopaeias grow here in their natural state. In fact, India could be termed as the botanical garden of the world. Therefore, it is necessary of documentation of knowledge on regional medicinal plants.

The present programme (course) will be benefited to the students in following ways:

- 1) Owing to availability of land, variety of climate and edaphic conditions and cheap labour, there is a great scope for cultivation of indigenous as well as exotic medicinal plants, which is urgent need of present age.
- 2) With modernization of India, many tribal people are getting civilized which has made, them to give up their traditional ways of living. Information gathered by each tribe about the properties of herbs used to be handed down from father to son or from mother to daughter. Before this information is forgotten in the process of modernization, it is important to record this knowledge accumulated through ages of contact with forest flora.
- 3) Correct identification of plant species is of prime importance in any type of study. Similarly, botanists especially taxonomist have to play important role on correct identification of our traditional drugs.
- 4) Thus, the present course will be benefited to students and society, students will get opportunities in different pharmaceutical and ayurvedic industries. There are many industries like **Phyto-Pharma, Zandu, Reliance Industry** and many, immensely requires plant taxonomist for correct identification of medicinal plants. Finally, one can go for cultivation of medicinal plants, especially indigenous medicinal plants to establish a small-scale industry. It is also helpful for establishment of small scale nursery like perfumery by using different indigenous plants like *Cymbogon citrates*, *Vitivera zizanoides* etc.



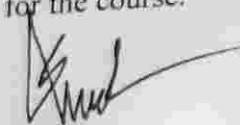
Dr. Vinod B. Shimpale
Programme Co-ordinator


Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR
Department of Botany

**CERTIFICATE ORIENTED COURSE IN
INDUSTRIAL APPLICATIONS OF MEDICINAL PLANTS**

Annual Report for year 2014-2015

- ❖ After completion of first year certificate course successful, the students were admitted for the Diploma course entitled 'Industrial Applications of Medicinal Plants' for the academic year 2014-15. Along with certificate course, fresh students were also admitted to the certificate course.
- ❖ In the beginning of the year teaching plan along with list of proposed guest lecturers were prepared and tentative time table was prepared.
- ❖ For the diploma course total 12 students were enrolled who has qualified the certificate course. Total 20 students are freshly admitted for the certificate course for second successive year. The course was started in month of September, 2014. Proper time-table was made for it and students got expert guidance of teachers.
- ❖ Total 16 guest lecturers from the different fields and different institutions were invited for the lectures and total 32 guest lecturers conducted in the academic year. Along with this 08 in house faculties were involved in the teaching of the course. Different field trips were conducted to know the medicinal plants of the region.
- ❖ Few industrial visits were conducted to understand the actual processing of the material and few folklore and ayurvedic doctors were consulted for the understanding of plants in the disease treatment.
- ❖ All students completed their course work and practicals successfully. The examination was held in April, 2015 by inviting an external practical examiner.
- ❖ All the students passed the examination successfully and each of them got certificate for the course.



Co Ordinator


Principal
The New College, Kolhapur

Shri Prince Shivaji Maratha Boarding House's
THE NEW COLLEGE, KOLHAPUR
Department of Botany

CERTIFICATE ORIENTED COURSE IN
INDUSTRIAL APPLICATIONS OF MEDICINAL PLANTS
Annual Report for year 2015-2016

- ❖ After completion of first year certificate course successful, the students were admitted for the Diploma course entitled 'Industrial Applications of Medicinal Plants' for the academic year 2015-16. Along with certificate course, fresh students were also admitted to the certificate course.
- ❖ In the beginning of the year teaching plan along with list of proposed guest lecturers was prepared and tentative time table was prepared.
- ❖ In this academic year, total 20 students are freshly admitted for the certificate course. The course was started in month of July, 2015. A proper time-table and tentative plan for the course was prepared for smooth conduction of the course.
- ❖ Total 20 guest lecturers from the different fields and different institutions were invited for the lectures and total 30 guest lecturers conducted in the academic year. Along with this 08 in house faculties were involved in the teaching of the course. Different field trips were conducted to know the medicinal plants of the region.
- ❖ The important practicals were conducted during this academic year. Some notable courses are preparation of perfumes by using local medicinal and plants having essential oils. Also some industrial visits were conducted to understand the actual processing of the material and few folklore and ayurvedic doctors were consulted for the understanding of plants in the disease treatment.
- ❖ All students completed their course work and practicals successfully. The examination was held in April, 2016 by inviting an external practical examiner.
- ❖ All the students passed the examination successfully and each of them got certificate for the course.


Co Ordinator


Principal
The New College, Kolhapur

Information Technology

(2014-16)

Permission letter



UNIVERSITY GRANTS COMMISSION
CAREER ORIENTED PROGRAMME
35-FEROZSHAH ROAD
NEW DELHI-110 001

F. No.4-363 /2008(GOP)

March, 2008

The Under Secretary (FD-III)
University Grants Commission
New Delhi-110002

27 MAR 2008

Subject Release of Grants-in-aid to The New College, Kolhapur, Dist.Kolhapur, Maharashtra-416002 for Career Oriented Programme 2008-09 under Plan.

Sir,

With reference to the proposal submitted by The New College, Kolhapur, Dist.Kolhapur, Maharashtra-416002 under the UGC scheme of Career Oriented Programme, I am directed to convey the approval of the University Grants Commission for starting the following Career Oriented Courses in the above mentioned College from the academic year 2008-09.

Courses Approved		Seed Money (Rs. in lakh)
<i>Arts/Social Science</i>		
1	--	--
<i>Science</i>		
1	Information Technology (with personality development)	7,00,000/-
<i>Commerce</i>		
1	--	--
Total		7,00,000/-

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I am also directed to convey the sanction of the University Grants Commission for payment of Rs. 7,00,000/- (Rupees seven lakh only) to The New College, Kolhapur, Dist. Kolhapur, Maharashtra-416002 as one time grant (Seed Money) under the scheme of Career Oriented Programme.

The assistance available in the programme is only in the form of a one-time as "Seed Money". The amount may be utilized for the purchase of books and journals augmentation of laboratory facilities, equipment and payment of remuneration to the guest faculty only.

The terms and conditions of the approval and grant released are as per the guidelines of the scheme.

The sanctioned amount is debitable to the major Head 5.(i) (Career Oriented to Education). The above sanction is valid for payment during the current financial year 2007-08.

The amount of grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer), University Grants Commission on the Grants -in -aid bill and shall be disbursed to the credited to the Principal, The New College, Kolhapur, Dist. Kolhapur, Maharashtra-416002 through Demand Draft/Mail Transfer.

The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/College/Institution.

The University/College shall maintain proper accounts only on approved items of expenditure.

The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it was sanctioned shall be furnished to the University Grants Commission as early as possible after the close of the current financial year.

The assets acquired wholly or substantially out of the University Grants Commission grant shall not be disposed or encumbered or Utilized for the purposes other than those for which the grant was given, without proper sanction of the University Grants Commission and should, at any time the college ceases to function, such assets shall revert to the University Grants Commission.

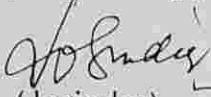
7. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed form.
8. The grantee institution shall ensure the Utilization of grants-in-aid for which it is being sanction/paid. In case non-utilization/part utilization, the simple interest @ 10% per annum as amended from time to time on unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financial Rules of Govt. of India will be charged.
9. The interest earned by the University/College/Institute on this grants in aid shall be treated as additional grant and may be shown in the U.C./Statement of expenditure to be furnished by grantee institutions.
10. The University/College shall follow strictly all the instructions issued by the Govt. of India from time to time with regard to reservation of posts for scheduled Caste and Scheduled Tribes.
11. The University/College shall fully implement the Official Language Policy of Union Govt. and comply with the Official Language Act, 1963 and Official Language (use for officially purpose of the Union) Rules, 1976 etc.
12. The Sanction issues in exercise of the delegation of powers vide Commission office order No. 25/92 dated May.01, 1992.
13. The funds to the extent are available under the scheme and has been noted in BCR for the year 2007-08 at S. No. _____ Page No. _____.

Yours faithfully,

(Dr. (Mrs.) H.K. Chauhan)
Joint Director

Copy forwarded for information and necessary action to:

1. The Principal, The New College, Kolhapur, Dist.Kolhapur, Maharashtra-416002 to intimate the receipt of the letter as well as the receipt of the sanction grant.
2. The Secretary to the Government of Maharashtra, Deptt. Of Education, Mumbai.
3. The Registrar, Shivaji Univesity, Kolhapur (M.S)
4. The Deputy Secretary, University Grants Commission, Western Regional Office, Ganeshkhand, Pune University Campus, Pune-411007 (M.S).
5. Office of Director, General, Audit General Revenues, AGCR Bldg., I.P. Estate, New Delhi.
6. Guard File, UGC, New Delhi.


(Joginder)
Under Secretary

Syllabus

Shri Prince Shivaji Maratha Boarding House's

The New College, Kolhapur

Syllabus of Personality Development and Communication Skills for Diploma in COC IT (With personality development) (Introduced from 2009-10)

Objectives:

- 1) To understand the concept, process and importance of communication.
- 2) To gain knowledge of media of communication.
- 3) To develop skills of effective communication - both written and oral.
- 4) To help students to acquaint with application of communication skills in the world of business.
- 5) To understand the concept of personality and personality development and its significance.
- 6) To understand and develop various traits required for personality development.

Unit 4: Attitude & Motivation

(08)

Attitude - Concept - Significance - Factors affecting attitudes - Positive attitude - Advantages - Negative attitude - Disadvantages - Ways to develop positive attitude - Difference between personalities having positive and negative attitude.
Concept of motivation - Significance - Internal and external motives - Importance of self-motivation - Factors leading to demotivation.

Unit 5: Interpersonal Relationships

(03)

Interpersonal relationships - Teaming - Developing positive personality
Analysis of strengths and weaknesses.

Unit 6: Goal-Setting

(05)

Concept of goal-setting - Importance of goals - Dream Vs Goal - Why goal-setting fails? - SMART (Specific, Measurable, Achievable, Realistic, Time-bound) goals - Art of prioritization - Do's and Don'ts about goals.

Practical Exercise : Body language, Presentation skills and Visit to IT organizations

(04)

Recommended Books:

- 1) Business Communication - K. K. Sinha - Galgotia Publishing Company, New Delhi.
- 2) Media and Communication Management - C. S. Rayudu - Himalaya Publishing House, Bombay.
- 3) Essentials of Business Communication - Rajendra Pal and J. S. Korhalli - Sultan Chand & Sons, New Delhi.
- 4) Business Communication - Dr. S.V. Kadvekar, Prin. Dr. C. N. Rawal and Prof. Ravindra Kothavade - Diamond Publications, Pune.
- 5) Communicate to Win - Richard Denny - Kogan Page India Private Limited, New Delhi.
- 6) You Can Win - Shiv Khera - Macmillan India Limited
- 7) Group Discussion and Public Speaking - K. Sankaran and Mahendra Kumar - M.I. Publications, Agra

- 8) Organisational Behaviour - S. P. Robbins - Prentice-Hall of India Pvt. Ltd., New Delhi
- 9) Basic Managerial Skills For All - Prentice-Hall of India Pvt. Ltd., New Delhi
- 10) 8 Habits - Stephen Covey
- 11) Management Thoughts - Pramod Batra
- 12) Produced by Prof. Rooshikumar Pandya - Creative Communication and Management Center, Bombay
 - a) Assertive Training: Four cassettes
 - b) Self Hypnosis for Goal Achievement: Four cassettes
 - c) Hypnosis: Therapeutic and Practical: Eight cassettes
 - d) Communication as an Occurring Art: Seven cassettes
 - e) Successful Communication: a 50 min. Video
 - f) To Communicate Well is to Sell Well: Seven cassettes of Communication as an Occurring Art plus a special manual with relevant questions for sales personnel.
 - g) A 60 minute cassette on The Art of Relaxation: Stress Management

COC-Diploma in IT

Paper – I Object Oriented Programming with C++

SECTION - I

Object oriented Concepts

1. The object oriented approach.
2. Object oriented methodologies.
3. Features.
4. Advantages & Applications of oops.

Introduction to c++

1. Introduction-C++ Extension to C
2. Terminology- Token, Keywords, Identifiers
3. Structure of c++
4. Operators & Keywords
 - a. Dynamic Memory Allocation (New and Delete).
 - b. This Pointer
 - c. Dynamic Initialization of variables, reference variables.
5. Input & output operators and streams, Default arguments
6. Basic Data Types. Loops & Decisions.
7. Simple programs.

Classes and objects

1. Concept of class and object.
2. Simple class. Member function.
3. Private, Public & Protected members.
4. Array of object, Nested class.
5. Passing object as a Parameter.
6. Illustrative function, reference arguments.

Constructor and Destructor

1. Introduction of constructor And destructor
2. Default constructor. Copy Constructor Parameterized Constructor.
3. Multiple constructors in Class.
4. Illustrative examples.

SECTION - II

Unit 5 : Polymorphism

1. Concept
2. Types of polymorphism
3. Overloading of function
4. Virtual functions, Friend Function.
5. Abstract class, Friend class.
- 6.

Unit 6 : Operator Overloading And Type Conversion

1. Concept of operator overloading
2. Rules for overloading operator
3. Unary and binary operator overloading
4. Illustrative examples
5. Type Conversion

Unit 7 : Inheritance

1. Introduction
2. Defining base class & derived class, protected classes
3. Types of inheritance
 - (a) Single.
 - (b) Multiple
 - (c) Multilevel
 - (d) Hierarchical & (e) Hybrid.
4. Overriding member Functions.

Unit 8 : Managing Console I/O Operations

1. Introduction
2. c++ streams, c++ stream Classes
3. Unformatted and formatted console I/O Operation
4. Managing Output with manipulators

Reference Books :

1. Object oriented programming with c++ - E-Balgurusamy
2. Mastering c++-Venngopal
3. C++ Programming g-D.Ravichandran

SECTION - I

1. Database Management System

- Database System Application
- Database System Vs File System
- View Of Data
- Data Models
- Database Languages
- Database Users And Administrators
- Transaction Management
- Database System Structure
- Application Architecture
- History Of Database System

2. Entity Relationship model

- Basic Concepts
- Constraints,
- Keys,
- Design Issues
- E-R Diagram
- Weak Entity Sets
- Extended E-R Features
- Design Of E-R Database Scheme

3. Relational model

- Structure Of Relational Database
- Views

4. SQL

- Background
- Basic Structure
- Set Operations
- Aggregate Functions
- Null Values
- Nested Subqueries
- Views
- Complex Queries
- Modification Of Database
- Joined Relations
- DDL, Embedded SQL
- Other SQL Features
- Query By Example

- Datalog
- User interfaces And Tools
- Integrity And Security Constraints
- Referential Integrity
- Assertions
- Triggers
- Security And Authorization
- Authorization In SQL
- Encryption And Authentication

SECTION – II

5. Relational Database design

- First Normal Form
- Pitfalls In RDB Design
- Functional Dependencies
- Decomposition
- Desirable Properties Of Decomposition
- Boyce-Codd Normal Form.
- Third, Fourth Normal Form
- More Normal Form
- Overall Database Design Process
- Query Processing Overview
- Measures Of Query Cost Selection Operation
- Query Optimization

6. Transactions

- Transaction Concepts
- Transaction State.
- Implementation Of Atomicity And Durability
- Concurrent Executions
- Serilizability
- Recoverability
- Implementation Of Isolation, Transaction Definition In Sql.

7. Concurrency control

- lock-based protocols
- timestamp-based protocols
- validation based protocols
- multiple granularity
- deadlock handling
- insert, delete operation
- weak level of consistency

Reference books

1. Database system by Korth TMH
2. Fundamentals of Database Systems by Navathe

COC IT III YEAR

PAPER -II

INTERNET AND WEB DESIGN

Section-I

Unit 1. Internet

Introduction to internet, advantages and disadvantages of internet,
Basic requirement of Internet connection, email, web utility, FTP, HTTP, TCP/IP,
SMTP,

Unit 2 Internet basics

Introduction. MIME, URLs, URNs, methods, architectural components of the web
Cookies.

Unit 3. Internet Application

Introduction to e-commerce, types of e-commerce-payments-banking-trading,
Digital signature, E-security, EDI

Unit.4. HTML

Introduction to HTML (Tags, Text, Structure) Lists(<dl>,,)
Head,Body,,<I>,<STRIKE>,<U>,<big>,<SMALL>,<P>,<pre>,,<ins>
<base font>,<block quote>,
,<hr>,<center><sup><<TT> Links, Images
Frames and Tables(<th><td><tr><caption>,<href>,<bgsound>
Forms (<input>,<select>,<text area>,<label>)and Introduction to CSS.

Section-II

Unit 5. Perl and CGI

Introduction,variables,Operators, zip operators, control
statement,blocks,subroutines,multimethods,regular expressions,filehandle

Unit 6. JavaScript

Introduction to Java script variables, Data types, Operators, Statements,
Functions, Events Statements, Functions, Events, Objects and Object Based
Programming, In-Built Objects Hidden Forms, Cookies,DHTML

Unit 7. ASP

Introduction to ASP, ASP Object Model, Request Object, Response Object, response Object Session Object, Application, Server, Object, Object Context Object, ASP Error Object, some ASP example, using variables, and forms in Asps. control structures, subroutines, the session method, application method, Open and read content from a text file, globe.asa, Arrays, simple keyword search, function and procedures, operators

Unit 8. PHP

Introduction, installation, lexical structure, data types, variable scope, Expressions and Operators, String Concatenation Operator, miscellaneous operators, flow-control statements, functions, function, parameters Strings, approximate equality, Arrays, the iterator function, session, cookies, how E-mail works.

Shri Prince Shivaji Maratha Boarding House's
The New College, Kolhapur
Syllabus of Advanced Diploma in COC IT (with Personality Development)
To be started from July 2010

Unit 1 Introduction

History and evolution of java, java basic concepts and features of java (Advantages & Disadvantages.)

Oops concepts: Object, class, data encapsulation and abstraction, Inheritance, Polymorphism, Operator overloading, function overloading.

Unit 2 Java Programming, Operators and Control statements

Simple java program and its structure, constants, variable, Data types and type

Conversion and casting, arithmetic operators ,relation operators ,Boolean operators, assignment operators, bitwise operators,expressions,method call.

If statements, Switch Statements, Iteration Statements(do,do-while,for, for-each, nested loops),

Jump statements (go-to, using break, using continue, return)

Unit 3 Introduction to classes and Arrays

Definition of class, class concepts-simple class, declaring object, introducing methods, overloading methods, constructors, this keyword, Garbage collection, Introducing Nested and Inner Classes.

Introduction to arrays : Strings & wrapper classes creating an array string wrapper classes.

Unit 4 Inheritance Concepts and Polymorphism

Inheritance basics, types of inheritance, Introduction to Super Class, Method Overriding, Abstract Classes.

SECTION - II

Unit 5 Packages and Interfaces

Packages, defining a package with package Example, Access Protection with Example, Interfaces, Defining an Interface, Implementing Interfaces, Applying Interfaces, and Interfaces can be extended. Import java.io package stream classes byte stream character.

Unit 6 Exception Handling and Multithread Programming

Exception Handling Basics, Exception Types, using try and catch, multiple catch Clauses and Nested try statements-throw, throws and finally, Java's Built-in Exceptions, User_Defined Exceptions.

MultiThread Programming : Java Thread Model, the Main Thread, Implementing Runnable, Extending Thread and Thread Cycle, Creating Multiple Threads, Synchronization-Using synchronized Methods, the synchronized Statement.

Unit 7 Introduction to applets and event handling

Applet basics, Applet life cycle, building applet code, creating an applet, executable applet, and applet tag The HTML to applet tag, outputting to the console.

Event Handling Two event handling mechanisms, the delegation event model, event classes, sources of events, event Listener Interfaces, using the delegation event model.

Unit 8 Introduction to AWT

Working with windows, graphics and text, AWT controls, layout, managers and Menus

AWT Classes, working with frame windows, creating a frame window in an applet, creating windowed program, displaying information within a window, working with drawing lines, rectangles, circle working with color, working with fonts.

AWT controls, layout, managers and Menus: Control fundamentals, labels, understanding layout managers, Menu Bars and Menus, Handling events by extending AWT Components.

Reference Books

1. Java 60 Minutes a Day – Rich Raposa.
2. Java Complete Reference – Herbert Schildt
3. Java Programming – Rajendra Salokhe –Aruta Publishing.
4. Introduction to Java :An Integrated Approach – N.Nageshwar Rao and Kogent Inc.

Student List

SHRI PRINCE SHIVAJI MARATHA BOARDING HOUSES
THE NEW COLLEGE, KOLHPAUR
CAREER ORIENTED COURSE
STUDENTS LIST IT DIPLOMA
2015-16

SR.NO.	NAME OF STUDENTS
1	AMBALE VINOD BALASAHE
2	ATIGRE ABHIJIT ASHOK
3	BHASME SAGAR MADAN
4	CHAVAN AKASH UTTAM
5	GADWALE SAHISHTA ABDULBARI
6	HOMKAR VAIBHAV SHRIRANG
7	JAMADAR AASHIYA SADIQ
8	KAKADE ANJALI ANIL
9	KAMBLE POOJA DEEPAK
10	KARANDE AJIT KUNDLIK
11	KENVADE PRNAV JOTI
12	KHATRI CHANDANI RAJKUMAR
13	LANGADE DIVYA DATTATRAY
14	MUDHALE YASH RAJESH
15	NIKAM MRUNALI PRATAPSIKH
16	PANDHARE SAVITA BABURAO
17	PATIL DHANASHRI SHIVAJI
18	PATIL KIRAN RAYABA
19	PATIL SAMPAT SADASHIV
20	PATIL SNEHAL BHAUSO
21	PATIL UTTAM MAHIPATI
22	POTDAR ASHWINI GAJANAN
23	SATUSE SUJIT SHRIRANG
24	WARUDKAR GIRISH RAMESHRAO

SHRI PRINCE SHIVAJI MARATHA BOARDING HOUSES
THE NEW COLLEGE, KOLHAPUR
CAREER ORIENTED COURSE
STUDENTS LIST IT ADD. DIPLOMA
2015-16

SR.NO.	NAME OF STUDENTS
1	SHINDE SANKALP ARUN
2	MULLA RAMIZ BILAL
3	KUMBHAR RUSHIKESH RAMCHANDRA
4	PATIL NEHA KRUSHNA
5	KHANDAGLE BABITA SURYAKANT
6	KHATAGALEKAR SHITAL YUVRAJ
7	HUJARE PRIYA VISHVAS
8	PATIL ROHIN RAGHUNATH
9	PATIL KAJAL BALASO
10	PATIL POONAM SURESH
11	PATIL PALLAVI KURSHNATH
12	PATIL VIJAYALAXMI RAGHUNATH
13	GHATAGE SIDDHI RAJENDRA
14	MANE JYOTI SURESH
15	VARUTE SHAMAL VITTHAL
16	JADHAV PRIYANKA TUKARAM
17	JADHAV KAJAL PRAKASH
18	KHADE SOURABH TUKARAM
19	JADHAV SHUBHAM MOHAN
20	CHOUGULE SHUBHAM SUNIL

Assessment Procedure

The New College, Kolhapur

DEPARTMENT OF ELECTRONICS

COC-IT Certificate, Diploma and Advanced Diploma Courses

Examination and Assessment Process

- Department of Electronics has conducted COC-IT courses at all the three levels i.e. Certificate, Diploma and Advanced Diploma levels. All these courses are run successfully. We got very good response from the students. Every year good number of students were admitted to all these courses.
- The theory and practical lectures were arranged during the free time of the students i.e. on week end holidays and during winter and summer vacations. The examination time table was also prepared after all the university examinations are over.
- The entire examination process was carried out as per university process. The paper setters were asked to set the question papers as per university pattern.
- The sealed envelopes of question papers were opened on the date of the corresponding examination.
- The required number of photo copies of the question papers was taken just half an hour before the examination starts. Full confidentiality was maintained.
- The time table of the examination was communicated to the students well in advance. The seating arrangement was displayed on the day of the examination.
- Junior supervisors were also appointed to conduct the examination smoothly.
- Separate answer books were specially designed and printed as per requirement. The assessment of answer books was carried out centrally in the department of BCA.
- The practical examinations were also conducted by appointing external examiners from other departments.
- The remuneration to the paper setters, examiners and junior supervisors was given as per university rules.
- The results were displayed in time and the certificates were issued to successful candidates.

Course Outcomes

Course Outcomes of COC-IT

Diploma Course:- C++ And DBMS

- To understand main difference between procedures oriented programming & OOP.
- To understand bottom-up approach of compiler.
- To understand important pillars of OOP

- It helps the student to clear the idea of Db application development.
- It helps the student to clear the idea of Db application development.

Advance Diploma Course:-Java And HTML

- Learning of Markup language with syntax & tags.
- How to develop web pages & Web Technology.

- Teaches the programming techniques.
- It makes students an entry level dot net programmer.
- It allows the students to learn C# & ASP.net.

Annual Report

The Nerw College, Kolhapur

Department Of Electronics

**COC-IT CERTIFICATE, DIPLOMA AND ADVANCED DIPLOMA
COURSES**

Annual Report for year 2014-15

- The students were admitted for Diploma course entiled 'coc-it certificate, diploma and advanceddiploma courses' for academic year 2014-15.
- In the beginning of year teaching plan along with list of praposed guest lecturers were prepared and tentative timetable was prepared.
- All students completed their course work and practicals sucessfully.
- The examination was help in april 2015 by inviting external practical examiners.
- All the students passed the examination successfully and each of them got certificate for the course.

Dr. A. M. Shaikh

Program co-ordinator

The New College, Kolhapur

Department Of Electronics

**COC-IT CERTIFICATE, DIPLOMA AND ADVANCED DIPLOMA
COURSES**

Annual Report for year 2015-16

- After completion of diploma course successful, the students were admitted for adv. Diploma course entitled 'coc-it certificate, diploma and advanced diploma courses' for academic year 2015-16.
- In the beginning of year teaching plan along with list of proposed guest lecturers were prepared and tentative timetable was prepared.
- All students completed their course work and practicals successfully.
- The examination was held in april 2016 by inviting external practical examiners.
- All the students passed the examination successfully and each of them got certificate for the course.

Dr. A. M. Shaikh

Program co-ordinator

Certificate



Shri Prince Shivaji Maratha Boarding House's

THE NEW COLLEGE, KOLHAPUR

(Affiliated to Shivaji University, Kolhapur)



This is to certify that _____
has successfully completed

**CERTIFICATE/DIPLOMA /ADVANCE DIPLOMA COURSE IN
INFORMATION TECHNOLOGY**

in the year _____ under COC program of the U.G.C.

The said certificate has been issued to him/her at Kolhapur. In testimony where of
are set the seal of the college and the signature of the Co-ordinator and the Principal
of the said college.

Co-Ordinator

Principal

