



KHADKI EDUCATION SOCIETY'S

Tikaram Jagannath Arts, Commerce & Science College



Principal

Dr. Sanjay Chakane

M.Sc., M.B.A., Ph.D.

7.1.2-The Institutional facilities & initiatives

Link 5- Other Relevant Documents

Sr. No.	Document Description	Page No
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PRINCIPAL
Tikaram Jagannath Arts Commerce &
Science College, Khadki, Pune-411003.

491, Dr. Babasaheb Ambedkar Road, Khadki, Pune - 411 003.

(Affiliated to Savitribai Phule Pune University - ID / PU / PN / 0146 /1983)

Office : (020) 25811491 Principal : 9890171857 / 7020674545

Web Site : www.tjcollege.org E-mail : admin@tjcollege.org / schakane@gmail.com

To,

The Principal,
T. J. College of Arts & Commerce,
Khadki,
Pune -

Subject - Permission for writers

Respected Sir,

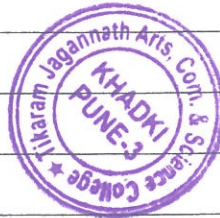
You are requested to give permission for writers to write my exams papers of second term External Examination, Ms. Shravani Bapu Hatelkar, who is student of XI standard of modern college, will be the writer for my exams, her college photo ID, is attached herewith.

Thanking you
yours sincerely
Aditya

Aditya Sanjay Goyal
Roll No 3094

F.Y. B.A.

Enc - Photo ID of writer
Candidate Certificate



Rajendraa

PRINCIPAL
Tikaram Jagannath Arts Commerce &
Science College, Khadki, Pune-411003.

Co-ordinator

Internal Quality Assurance Cell
Tikaram Jagannath College
Khadki, Pune-411 003.



Progressive Education Society's
**MODERN COLLEGE OF
ARTS, SCIENCE AND
COMMERCE (AUTONOMOUS)**

SHIVAJINAGAR , PUNE - 5

Tel : 020 - 25535102 / 25533927 | www.moderncollegepune.edu.in

Email : contact@moderncollegepune.edu.in

STUDENT ID CARD | 2022-2023

Original ID



SHRAVANI BAPU HATEKAR

Class : XI Commerce Aided

Enrol No. : 220704

Division : G

[Signature]
Principal



Rajendraa

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Khadki, Pune-411 003.



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PRINCIPAL
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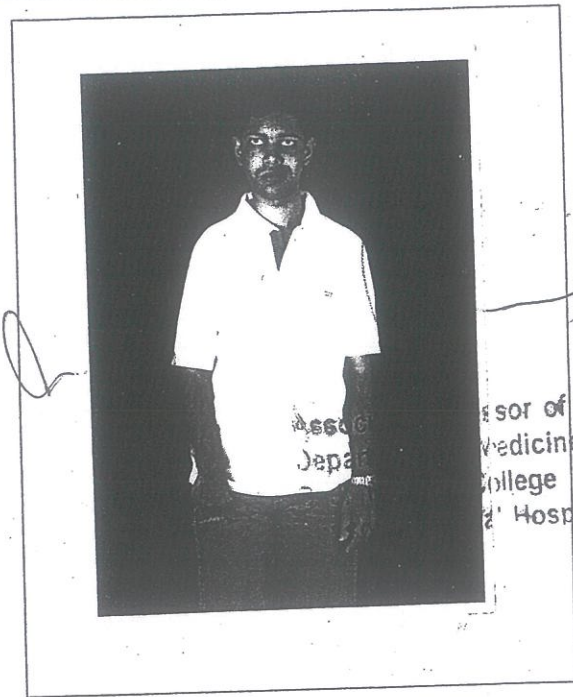
B. J. MEDICAL COLLEGE & SASSOON GENERAL HOSPITALS, PUNE

CERTIFICATE OF THE MEDICAL BOARD FOR PERSONS WITH DISABILITIES

NOT FOR COMPENSATION CLAIMS

For general purposes only e.g. employment, special conveyance allowance/scholarships for handicapped persons etc.

- Read: 1) Resolution No. FDD/1081/6256591570/CA-13
 March 1986 Govt. of Maharashtra, Social Welfare, Mantralaya, Mumbai-1
- 2) Notification No. 42/81 HW-111/Government of India, Ministry of Social Welfare, Delhi dt. 6th Aug. 1986.



Professor of Medicine
Medicine
College &
Hospital, Pune



Certificate No. 6139

Date : 16-12-11

This is to certify that Shri./Smt./Kum. Aditya Sanjay Gupta
 Son/wife/daughter of Shri. Sanjay G. Gupta age 20 old male/female,
 registration No. 539058 is a case of Right sided hemiparesis due to left frontoparietal haematoma (operated)
 He/She is physically disabled/visually disabled/speech and hearing disabled and has 54 %
Fifty four percent) permanent / temporary (physical impairment / visual impairment / speech
 and hearing impairment) in relation to his/her _____

He/She is fit/unfit for benefits for persons with disabilities.

Note :-

- 1) This condition is progressive/non-progressive/likely to improve / not likely to improve.
- 2) Reassessment is not recommended/is recommended after a period of _____ months / years.
- 3) Audiogram with photograph is attached with certificate.

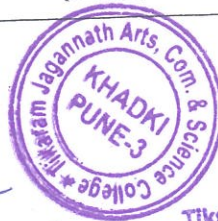
Marks of identification :

Signature/Thumb Impression of the patient.



Rajendiraa

Co-ordinator
 Internal Quality Assurance Cell
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 Khadki, Pune-411 003



Tikaram Jagannath Arts Commerce & Science College, Khadki, Pune-411903.

Sanjay

Specialist
 Dept. of Ortho / ENT Ophthal. /
 Surgery /Medicine / Psychiatry, BJMC, Pune.
Associate Professor of Medicine
 Department of Medicine
 B. J. Medical College &
 Sassoon General Hospital, Pune

Sassoon General Hospital,
 Pune.
Resident Medical Officer
 Sassoon General Hospital
 Pune-1

Medical Superintendent
 Sassoon General Hospital,
 Pune.
Dr. D. G. Kulkarni
 Sassoon General Hospital, Pune

Aditya

ORDINANCE 68A**Attendance for the Students with Disability (Divyang Students)**

A student with disability (Divyang Student) shall be exempted from the provisions regarding attendance for lectures in the class prescribed under Ordinance 68:

Provided however that a student with disability (Divyang Student) shall obtain the permission of the head of University Department or the principal of college or director of the institution, as the case may be, for the same.

Ref. No.: ~~BEE~~/2021/195

Date: 22/10/2021

29


Prof. (Dr.) Nitin R. Karmalkar
Vice-Chancellor

Rajendira



Co-ordinator

Internal Quality Assurance Cell
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SAVITRIBAI PHULE PUNE UNIVERSITY

(formerly University of Pune)
GANESHKHIND, PUNE 411007

9

Branch/Course: BACHELOR OF COMMERCE (CHOICE BASED CREDIT SYSTEM) - APRIL 2023

Seat No: 67520

Center: 0146

Perm Reg No(PRN): 1202056876

Student Name: ADSUL ABHIJEET VISHWAS

Mother Name: BHARATI

Inst.Name: 0146 SETH TIKARAM JAGANNATH COLLEGE OF ARTS, COMMERCE & SCIENCE
KHADKI, PUNE

SUBJECT : COST & WORKS ACCOUNTING

Sem	SubCode	Subject Name	Crd	Grd	GP
3	231	(231) BUSINESS COMMUNICATION - I	4	A+	036
	232	(232) CORPORATE ACCOUNTING - I	3	A+	027
	233	(233) BUSINESS ECONOMICS - I (MACRO)	3	A+	027
	234	(234) BUSINESS MANAGEMENT - I	3	O	030
	235	(235) ELEMENTS OF COMPANY LAW - I	3	A+	027
	236E	(236E) COST AND WORKS ACCOUNTING - I	4	A+	036
	239	(239) AECC-1 ENVIRONMENTAL AWARENESS	2	O	020
4	241	(241) BUSINESS COMMUNICATION - II	4	A+	036
	242	(242) CORPORATE ACCOUNTING - II	3	A	024
	243	(243) BUSINESS ECONOMICS - II (MACRO)	3	B	018
	244	(244) BUSINESS MANAGEMENT - II	3	B+	021
	245	(245) ELEMENTS OF COMPANY LAW - II	3	C	015
	246E	(246E) COST AND WORKS ACCOUNTING - II	4	A	032
	249	(249) AECC-2 ENVIRONMENTAL AWARENESS	2	A	016
5	351	(351) BUSINESS REGULATORY FRAMEWORK - I	3	C	015
	352	(352) ADVANCED ACCOUNTING - I	0	F	000
	353A	(353A) INDIAN AND GLOBAL ECONOMIC DEVELOPMENT - I	3	B	018
	354	(354) AUDITING & TAXATION - I	4	B	024
	355E	(355E) COST AND WORKS ACCOUNTING - II (INCLUSIVE OF INTERNSHIP)	4	A	032
	356E	(356E) COST AND WORKS ACCOUNTING - III (INCLUSIVE OF INTERNSHIP)	4	A	032
6	361	(361) BUSINESS REGULATORY FRAMEWORK - II	3	D	012
	362	(362) ADVANCED ACCOUNTING - II	3	C	015
	363A	(363A) INDIAN AND GLOBAL ECONOMIC DEVELOPMENT - II	3	B+	021
	364	(364) AUDITING & TAXATION - II	4	A	032
	365E	(365E) COST AND WORKS ACCOUNTING - II (INCLUSIVE OF INTERNSHIP)	4	A	032
	366E	(366E) COST AND WORKS ACCOUNTING - III (INCLUSIVE OF INTERNSHIP)	4	A	032

F.Y.: CREDITS 46 ADD-ON CREDITS 4 GRADE POINTS 404 RESULT FAIL

RESULT DATE: 25 July 2023

Rajendraa
Co-ordinator
Internal Quality Assurance Cell
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Principal
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Tikaram Jagannath Arts Commerce &
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शैक्षणिक विभाग, (मान्यता कक्ष)
गणेशखिंड, पुणे-४११ ००७
दूरध्वनी क्र.: ०२०-२५६२९१६/५७
ई-मेल : boards@pun.unipune.ac.in
संकेतस्थळ : www.unipune.ac.in

सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)
Savitribai Phule Pune University
(Formerly University of Pune)

Academic Section,
(Approval Cell)
Ganeshkhind, Pune-411 007
Phone: 020-25621156/57
E-mail: boards@pun.unipune.ac.in
Website: www.unipune.ac.in

संदर्भ क्र.: सी.बी.सी.एम./२३

दिनांक: १३.१.२०२२

परिपत्रक क्र.११/२०२२

विषय : वाणिज्य व व्यवस्थापन विद्याशाखेतर्गत बी. कॉम. (२०१९ पॅटर्न) च्या अभ्यासक्रमातील श्रेयांकाच्या विभाजनाच्या तक्त्यास व सदर तक्ता आराखडयामध्ये समाविष्ट करण्यास मान्यता देण्याबाबत

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार कळविण्यात येते की, वाणिज्य व व्यवस्थापन विद्याशाखेतर्गत बी. कॉम. (२०१९ पॅटर्न) च्या अभ्यासक्रमातील श्रेयांकाच्या विभाजनाच्या खालील तक्त्यास व सदर तक्ता आराखडयामध्ये समाविष्ट करण्यास मान्यता देण्यात येत आहे.

**Revised Credit Allocation for B. Com. Course
(CGPA and Non CGPA)**

1. SCHEME OF CREDITS (Academic/CGPA):

Total credits for three years B.Com. Course (2019 pattern) is as follows:-

Sr. No.	Semester No	No of Courses	Lecture Hours	Credit per Course	Credit for practical Courses	Add on course credit (*)	Lectures + Practical + Add on courses = Total Credits
1	I	7	48	3	1	1	21+1+1=23
2	II	7	48	3	1	1	21+1+1=23
3	III	6	48	3	2	2	18+2+2=22

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4	IV	6	48	3	2	2	18+2+2=22
5	V	6	48	3	3 (1 Practical and 2 Internship)	0	18+3=21
6	VI	6	48	3	3 (1 Practical and 2 Internship)	0	18+3=21
Total No. of Credits							132

Note: Practicals for Special Subject 2 and 3 have been replaced by internship in Semester 5 and 6. Please refer to internship manual for details.

Suggested Add On courses (*)

Sr. No.	Add on course	Class	Semester	Credit
1	Value added course - I	F.Y.B.Com.	I	1
2	Value added course - I	F.Y.B.Com.	II	1
3	Environment Awareness	S.Y.B.Com.	III	2
4	Environment Awareness	S.Y.B.Com.	IV	2
Total				6

2. SCHEME OF CREDITS (NON-CGPA):

In addition to the compulsory credits of 132, the student has to earn additional 08 credits from the following groups by taking / participating / conducting respective activities. These extra credits will not be considered for CGPA calculation; however, these are mandatory for the completion and award of B.COM Degree.

- Courses in Group 1 and Group 2 are compulsory (02 Credits Each).
- The student has to earn the remaining 04 Credits through participation in the various activities from Group 3 to Group 10
- The student can earn a maximum of 04 credits from each group: Group 3 to Group 10.
- A student is encouraged to earn a maximum of 04 credits in a year.

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Co-ordinator
 Internal Quality Assurance Cell
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Savitribai Phule Pune University
Restructuring Pattern

Structure of Choice Based Credit System for Undergraduate Arts Restructuring Pattern 2019-20

Semester	Core Courses (CC)	Ability Enhancement Compulsory Course (AEC)	Skill Enhancement Course (SEC)	Discipline Specific Elective Courses (DSE)	Generic Elective (GE)	Total Credit
I	Compulsory English (3)					18
	CC - 1 A (3)					
	CC - 2 A (3)					
	CC - 3 A (3)					
	CC - 4 A Component (3)					
	CC - 5 D Component (3)					
II	Compulsory English (3)					18
	CC - 1 B (3)					
	CC - 2 B (3)					
	CC - 3 B (3)					
	CC - 4 A Component (3)					
	CC - 5 D Component (3)					
III	Compulsory English (3)	Environment Science (2)	SEC 1 A (2)	DSE 1 A (3)		22
	MIL 2 (3)					
	CC - 1 C (2)		SEC 2 A (2)	DSE 2 A (3)		
	CC - 2 C Component (3)					
IV	Compulsory English (3)	Environment Science (2)	SEC 1 B (2)	DSE 1 B (3)		24
	MIL 2 (3)					
	CC - 1 D (2)		SEC 2 B (2)	DSE 2 B (3)		
	CC - 2 C Component (3)					
V	'C' Component (Case Study) (3)	MIL (2)	SEC 1 C (2)	DSE 1 C (3)	GE 1 A (4)	25
	CC - 1 E (2)	(Language/ Communication)				
	CC - 2 C Component (2)		SEC 2 C (2)	DSE 2 C (3)	GE 2 A (2)	
VI	'C' Component (Project) (3)	MIL (2)	SEC 1 D (2)	DSE 1 D (3)	GE 1 B (4)	25
	CC - 1 F (2)	(Language/ Communication)				
	CC - 2 C Component (2)		SEC 2 D (2)	DSE 2 D (3)	GE 2 B (2)	
Total Credit	72	08	16	24	12	132

- The Course structure may be change as per the guidelines of Savitribai Phule Pune University, Pune. (Examination Pattern = 70 Marks External Exam + 30 Marks Internal Exam. Total = 100 Marks)



S. Y. B. Sc.(Computer Science)**Semester III**
(Total credits=22)

Course type	Paper Code	Paper title	Credits	Evaluation		
				CA	UE	TOTAL
CC-VIII	CS 231	Data Structures and Algorithms – I	2	15	35	50
	CS 232	Software Engineering	2	15	35	50
	CS 233	Practical course on CS 231 and CS 232	2	15	35	50
CC-IX		Mathematics - I	2	15	35	50
		Mathematics - II	2	15	35	50
		Practical course in Mathematics	2	15	35	50
CC-X		Electronics - I	2	15	35	50
		Electronics - II	2	15	35	50
		Practical course in Electronics	2	15	35	50
AECC-I		Environment Science – I	2			
AECC-II		Language Communication – I	2			

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Semester IV**(Total credits=22)**

Course type	Paper Code	Paper title	Credits	Evaluation		
				CA	UE	TOTAL
CC-XI	CS 241	Data Structures and Algorithms – II	2	15	35	50
	CS 242	Computer Networks - I	2	15	35	50
	CS 243	Practical course on CS 241 and CS 242	2	15	35	50
CC-XII		Mathematics - I	2	15	35	50
		Mathematics - II	2	15	35	50
		Practical course in Mathematics	2	15	35	50
CC-XIII		Electronics - I	2	15	35	50
		Electronics - II	2	15	35	50
		Practical course in Electronics	2	15	35	50
AECC-I		Environment Science – II	2			
AECC-II		Language Communication –II	2			

- Each theory Lecture time for S.Y. B.Sc Computer Science is of 50 min (3 lectures/ week for 2 credit course)
- Each practical session time for S.Y. B.Sc Computer Science is of 4 hrs 20 minutes (260 min)
- Practical batch size =12

Rajendira



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Syllabus for

Ability Enhancement Compulsory Course (AECC – Environment Studies)(2 credit) for under graduate

(For All Faculties - Second Year - Semester III)

It is as per UGC guidelines and framing -

Unit 1 : Introduction to environmental studies

- Multidisciplinary nature of environmental studies;
- Scope and importance; Concept of sustainability and sustainable development.

(2 lectures)

Unit 2 : Ecosystems

- What is an ecosystem? Structure and function of ecosystem ; Energy flow in an ecosystem : food chains, food webs and ecological succession. Case studies of the following ecosystems :

a) Forest ecosystem

b) Grassland ecosystem

c) Desert ecosystem

d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

(8 lectures)

Unit 3 : Natural Resources : Renewable and Non-renewable Resources

- Land resources and land use change; Land degradation, soil erosion and desertification.
- Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.
- Water : Use and over-exploitation of surface and ground water, floods, droughts conflicts over water (international & inter-state).
- Energy resources : Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

(10 lectures)

Unit 4 : Biodiversity and Conservation

- Levels of biological diversity : genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots
- India as a mega-biodiversity nation; Endangered and endemic species of India
- Threats to biodiversity : Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.
- Ecosystem and biodiversity services : Ecological, economic, social, ethical, aesthetic and Informational value.

(10 lectures)

References :

1. Carson, R. 2002. Silent Spring. Houghton Mifflin Harcourt.
2. Gadgil, M., & Guha, R. 1993. This Fissured Land: An Ecological History of India. Univ. of California Press.

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3. Gleeson, B. and Low, N. (eds.) 1999. Global Ethics and Environment, London, Routledge.
4. Gleick, P. H. 1993. Water in Crisis. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
5. Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. Principles of Conservation Biology. Sunderland: Sinauer Associates, 2006.
6. Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. Science, 339 : 36-37.
7. McCully, P. 1996. Rivers no more: the environmental effects of dams (pp. 29-64). Zed Books.
8. McNeill, John R. 2000. Something New Under the Sun: An Environmental History of the Twentieth Century.
9. Odum, E.P., Odum, H.T. & Andrews, J. 1971. Fundamentals of Ecology. Philadelphia: Saunders.
10. Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. Environmental and Pollution Science. Academic Press.
11. Rao, M.N. & Datta, A.K. 1987. Waste Water Treatment. Oxford and IBH Publishing Co. Pvt. Ltd.
12. Raven, P.H., Hassenzahl, D.M. & Berg, L.R. 2012. Environment. 8th edition. John Wiley & Sons.
13. Rosencranz, A., Divan, S., & Noble, M.L. 2001. Environmental law and policy in India. Tripathi 1992.
14. Sengupta, R. 2003. Ecology and economics : An approach to sustainable development. OUP.
15. Singh, J.S., Singh, S.P. and Gupta, S.R. 2014. Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi.
16. Sodhi, N.S., Gibson, L. & Raven, P.H. (eds). 2013. Conservation Biology : Voices from the Tropics. John Wiley & Sons.
17. Thapar, V. 1998. Land of the Tiger: A Natural History of the Indian Subcontinent.
18. Warren, C. E. 1971. Biology and Water Pollution Control. WB Saunders.
19. Wilson, E. O. 2006. The Creation: An appeal to save life on earth. New York : Norton.
20. World Commission on Environment and Development. 1987. Our Common Future. Oxford University Press.

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Syllabus for

Ability Enhancement Compulsory Course (AECC – Environment Studies)(2 credit) for under graduate

(For All Faculties - Second Year - Semester IV)

It is as per UGC guidelines and framing -

Unit 5 : Environmental Pollution

- Environmental pollution : types, causes, effects and controls; Air, water, soil and noise pollution
- Nuclear hazards and human health risks
- Solid waste management : Control measures of urban and industrial waste.
- Pollution case studies.

(10 lectures)

Unit 6 : Environmental Policies & Practices

- Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture
- Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).
- Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

(9 lectures)

Unit 7 : Human Communities and the Environment

- Human population growth: Impacts on environment, human health and welfare.
- Resettlement and rehabilitation of project affected persons; case studies.
- Disaster management : floods, earthquake, cyclones and landslides.
- Environmental movements : Chipko, Silent valley, Bishnois of Rajasthan.
- Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.
- Environmental communication and public awareness, case studies (e.g. CNG vehicles in Delhi).

(6 lectures)

Unit 8 : Field work

- Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.

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Course Code	Course Title	Credits	Semester	Internal Evaluation	SPPU
M	Basic Course in Environmental Awareness	2	III	50	Grade
N	Advanced Course in Environmental Awareness	2	III	50	Grade

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Savitribai Phule Pune University
Syllabus for BBA, BBA (IB) and BBA (CA)(CBCS 2019 Pattern)
Details for Skill Enhancement (Add-On) Courses

Note: - Select Any One Course for every semester

M. AECC - Course Title: - Basic Course in Environmental Awareness – (M)
Credit -2 & Hours -30

Objectives:

- 1) To provide an opportunities to acquire the knowledge, values, attitudes, commitment, and skills needed to protect and improve the environment
- 2) To develop conscious towards a cleaner and better managed environment

Course content

- 1 Introduction - Environmental studies Definition, scope importance and need for public awareness. (Multidisciplinary nature of environmental studies)
- 2 Environmental Pollution -Definition, Causes, effects on human, water, soil, air (Mother Earth)
 - Air pollution
 - Water pollution
 - Soil pollution
 - Marine pollution
 - Noise pollution
 - Thermal pollution
 - Nuclear hazards
- 3 Various Government initiatives for conservation of Environment. Controlling measures)
 - Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
 - Role of an individual in prevention of pollution. Pollution case studies.
 - Disaster management: floods, earthquake, cyclone and landslides.
- 4 Field work Visit / Project Report preparation
 - Visit to a local area to document environmental assets - river / forest / grassland / hill / mountain.
 - Visit to a local polluted site-Urban/Rural/Industrial/Agricultural
 - Effects on plants, insects, birds – As Elements of ecosystem

Evaluation of the course: Continuous evaluation of the student through orai, necessary writing assignments / Quiz and presentations.

Certification: A Course Completion Certificate will be provided by the college to every student who has passed in the continuous evaluation and the Grade as per his / her performance in the evaluation will appear on the Certificate.

OR – (Select Any One Course In Semester III – For BBA , BBA- IB , and BBA –CA)

SavitribaiPhule Pune University

Syllabus for BBA (CA) (CBCS 2019 Pattern)

Details for Skill Enhancement (Add-On) Courses

AECC - Course Title: - (N) Advance Course in Environmental Awareness
Credit -2 & Hours -30

Course Objectives

- Understand current concern about our impact on the environment.
- Recognize the things they do affect the environment.
- Promote green practices at home and at work.
- Describe what is being done and what we all can do to help prevent harm to the environment.

Course Contents

- **Environmental and Ecosystem Management:**

Concept and scope, Systems of approaches, Standards – International and National, Ecomark, Environmental accounting and auditing, Green funding and taxes, Trade and environmental management. Ecosystem analysis, Modelling, Monitoring and Planning, Ecotourism and Heritage management, Eco restoration,

- **Management of solid waste**

Different types of solid wastes, Methods of disposal and management of Municipal and thermal power plant generated solid wastes, Bio medical wastes and Hazardous wastes, Recycling of wastes, Power generation and waste minimization techniques.

Sanction and enforcement bodies of environmental laws in India.

Legal, administrative and constitutional provisions for environmental protection in India; Role of Supreme Court and Green Bench of High Court; Public awareness and Government measures; Role of Pressure Groups and NGOs; Concepts and Aspects of Public Interest Litigation (PIL); Public Interest Litigation in India on different Environmental Issues.

- **National and Regional Environmental Issues Resource and its conservation;**

Ecological refugees; Conservation strategies of the environment: Mines, riverine networks; forest, soil and wild life

Current Environmental Movements in India. Silent Valley, Chipko, Narmada dam, Appiko, TehriGarwal Dam, Uttara Kannada and Almatti dam movements.



Rajendraa
Co-ordinator
Internal Quality Assurance Cell
Tikaram Jagannath College
Khadki, Pune-411 003.

[Signature]
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Tikaram Jagannath Arts Commerce &
Science College, Khadki, Pune-411003.

- **Environmental Ethics and Global Imperatives.**

Concepts and aspects of Environmental ethics, Anthropocentrism and Eco-centrism; Deep ecology. Global environmental problems. Green house effect, global warming and climate change, ozone layer depletion, acid rain, deforestation and loss of biodiversity, unplanned urbanization.

Evaluation of the course: Continuous evaluation of the student through oral, necessary writing assignments/ Quiz and presentations.


Certification: A Course Completion Certificate will be provided by the college to every student who has passed in the continuous evaluation and the Grade as per his / her performance in the evaluation will appear on the Certificate.




Rajendraa
Co-ordinator
Internal Quality Assurance Cell
Tikaram Jagannath College
Khadki, Pune-411 003.

[Signature]
PRINCIPAL
Tikaram Jagannath Arts Commerce &
Science College, Khadki, Pune-411003.

Scrap Details



KHADKI EDUCATION SOCIETY'S
Tikaram Jagannath
Arts, Commerce & Science College



Principal
Dr. Sanjay Chakane
 M.Sc., M.B.A., Ph.D.

To,
 Gromate Computers
 Srushti Chowk, Pimple Gurav, Pune 8446330674 (Mr. Sarfaraz Patel)

Date : 06-12-2023

Subject : E-Waste / old computers and other electronics items collection from our premises

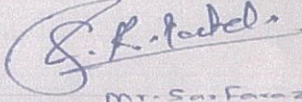
Respected Sir,

As per the above mentioned subject, kindly collect the E-Waste from our campus immediately.

1.	CPU cabinets	75
2.	Mouse	58
3.	UPS 600va	21
4.	Keyboard	68
5.	SMPS	09
6.	LCD monitor	44
7.	CRT	03
8.	Dot matrix printer	03
9.	Laser printer HP	04
10.	Color printer Canon	02
11.	CVCC power supply	01
12.	Battery	01

Thanks & regards,

Rajendraa
PRINCIPAL
 Tikaram Jagannath Arts Commerce & Science College, Khadki, Pune-411003.

Recd: as above.

 Mr. Sarfaraz Patel

491, Dr. Babasaheb Ambedkar Road, Khadki, Pune - 411 003.
 (Affiliated to Savitribai Phule Pune University - ID / PU / PN / 0146 /1983)
 Office : (020) 25811491 Principal : 9890171857 / 7020674545
 Web Site : www.tjcollege.org E-mail : admin@tjcollege.org / schakane@gmail.com



Rajendraa
PRINCIPAL
 Tikaram Jagannath Arts Commerce & Science College, Khadki, Pune-411003.

KHADKI EDUCATION SOCIETY'S

Tikaram Jagannath Arts, Commerce & Science College



Principal
Dr. Sanjay Chakane
M.Sc., M.B.A., Ph.D.

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Srushti Chowk, Pimple Gurav, Pune 8446330674 (Mr. Sarfaraz Patel)

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8	Dot matrix printer	03
9	Laser printer HP	04
10	Color printer Canon	02
11	CVCC power supply	01
12	Battery	01

Thanks & regards,

Rajendra
PRINCIPAL
Tikaram Jagannath Arts Commerce &
Science College, Khadki, Pune-411003.

*Recd. Rs. 15000/-
by cheque no. 79
Dt. 6/12/23
Bank of Baroda
Khadki, Pune
Recd. as above. 3*

S. R. Patel

*Sarfaraj
Rafique Patel*

*Saving A/c No.
806 80050100010749*

*Mr. Sarfaraz
Patel*

BARBOVJKIRK

491, Dr. Babasaheb Ambedkar Road, Khadki, Pune - 411 003.
(Affiliated to Savitribai Phule Pune University - ID / PU / PN / 0146 / 1983)

Office : (020) 25811491 Principal : 9890171857 / 7020674545

Web Site : www.tjcollege.org E-mail : admin@tjcollege.org / schakane@gmail.com



Rajendra
PRINCIPAL
Tikaram Jagannath Arts Commerce &
Science College, Khadki, Pune-411003.

THIS CHEQUE IS VALID FOR THREE MONTHS FROM THE DATE OF ISSUE

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अदा करे ₹ 15000/-

A/C No. 80050100010749

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SARFRAJ RAFIQUE PATEL

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Rajendiran
PRINCIPAL
Tikaram Jagannath Arts Commerce &
Science College, Khadki, Pune-411003.



GROMATE COMPUTERS

Srushti Chowk, Pimple Gurav, Pune.

Gromatecomputers@gmail.com

8446330674/7020558041

Date: 28 / 11 / 2023

To,
The Authority,
Tikaram Jagannath College
Khadki, Pune, 411003

Ex-student
of TJ
BBA

Sub: Related to the purchase of electronic scrap.

Respect Sir,

My self Sarfaraz Patel from Gromate Computers. We deals in computers and accessories since so many years.

As your college has lots of electronics scrap to sell, we are interested to buy that. We saw all your scrap and material and we offer you an amount of 12000/- rupees for all the scrap.

Kindly accept my request and allow me to purchase that scrap.

Thank You!

Your Respectively,
Sarfaraz Patel
Gromate Computers

Sarfaraz Patel

मा. अध्यक्षशाही बोलगे इत्याप्रमाणे
तसेच मा. प्राचार्यानी ठरवल्याप्रमाणे
RS 12000/- देवणे RS 15000/-
अहो सर E-waste
देण्याचे ठरले.

Rajendra
06/12/2023



Rajendra
PRINCIPAL
Tikaram Jagannath Arts Commerce &
Science College, Khadki, Pune-411003.

Date: 04/11/2023

To,
The Authority,
T.J. College,
Khadki, Pune.

Sub:- Purchasing Electronic Scrap
from T.J. college.

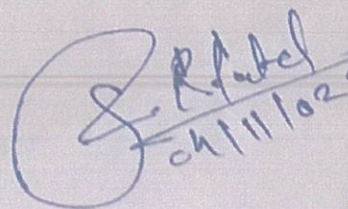
Respected Sir,

My self Sarfaraz Patel from Gromate
Computers. Our organization deals in
computers & electronics items. I am interest-
ed to buy all computer scrap from
your college.

As a we saw all scrap and the
projected amount which want to offer
for the all scrap is ₹12000/-.

Kindly, accept our request to purchase
the scrap.

Yours Respectively,
Sarfaraz Patel
Gromate Computers


04/11/2023



Rajendraa
PRINCIPAL
Tikaram Jagannath Arts Commerce &
Science College, Khadki, Pune-411003.

3/11/2023

- दत्ता अंकुश कांबळे (विनायक Scrap)
No - 9049379101

[~~Scrap~~
Scrap]

- ① empty cabinet - 25/kg
- ② cabinet with Motherboard & HDD - 30/kg
- ③ keyboard & pointer - 8/kg
- ④ mouse - 8/kg
- ⑤ Display/Monitor - 80/per display (8/kg If damaged)
- ⑥ UPS - 30/kg
- ⑦

दत्ता अंकुश

Lab asistant
Pratik Shengale
Shengale



Rajendiraa
PRINCIPAL
Titaram Jagannath Arts Commerce & Science College, Khadki, Pune-411003.



GROMATE COMPUTERS

Srushti Chowk, Pimple Gurav, Pune.

Gromatecomputers@gmail.com

8446330674/ 7020558041

Date: 30/11/2023

Our Purpose

We are a electronic recycling organization deal with the computers and accessories. Our motive is to focus on the E- waste and pollution control.

E-waste or electronic waste describes discarded or rejected electronic or electrical devices. Used electronics or electrical products which are destined for reuse, resale, refurbishment, salvage recycling through material recovery, or disposal are also considered e-waste. Informal e-waste processing in developing nations can lead to adverse human health effects and pollution in the environment. The recycling of e-waste serves a lot of useful purposes. For example, include protecting human & environmental health by keeping those devices out of landfills. Or recovering the parts within the devices that still have value and providing manufacturers with recycled metal that can be used to make new products.

Sarfaraz Patel
Gromate Computers



PRINCIPAL
Tikaram Jagannath Arts Commerce & Science College, Khadki, Pune-411003



Rajendira
PRINCIPAL
Tikaram Jagannath Arts Commerce & Science College, Khadki, Pune-411003.