



"Dissemination of Education for Knowledge, Science and Culture."  
- Shikshanmaharshi Dr. Bapuji Salunkhe



SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S

# VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

2130, 'E' Ward, Tarabai Park,  
Tal. Karveer, Dist. Kolhapur - 416 003.  
Affiliated to Shivaji University, Kolhapur (M.S.)

NAAC Reaccredited : "A" (CGPA - 3.24 in 3rd Cycle)  
College with Potential Excellence by U.G.C., New Delhi  
"Star College" by D.B.T. Govt. of India  
ISO 9001 : 2015

Ph. : 0231-2658612 | Fax : 0231-2658840 | Resl.: 0231-2653962 | Website : www.vivekanandcollege.ac.in | E-mail : info@vivekanandcollege.org

Founder  
Dr. Bapuji Salunkhe  
D. Lit.

President  
Hon. Chandrakant Dada Patil  
Higher and Technical Education Minister, Maharashtra

Chairman  
Prin. Abhaykumar Salunkhe  
M.A.

Secretary  
Prin. Mrs. Shubhangi Gawade  
M.Sc., B.Ed.

Principal  
Dr. R. R. Kumbhar  
M.Sc., M.Phil., Ph.D.

## 1.3.2 DVV- CLARIFICATION

Deviation Details	Findings of DVV
Number of certificate/value added courses/Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms (without repeat count) where the students of the institution have enrolled and successfully completed during the last five years.	Kindly provide authenticated list of Institutional program brochure/notice for Add on /Certificate /Value added programs with course modules and outcomes
<b>HEI Response:</b>	
As per DVV findings, we have provided authenticated notices for Add on /Certificate /Value added programs with course modules and outcomes.	



Dr. R. R. Kumbhar

PRINCIPAL  
VIVEKANAND COLLEGE, KOLHAPUR  
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## DVV Clarification

**1.3.2 Number of certificate/value added courses/Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/NPTEL and other recognized platforms**

**HEI Response: Authenticated list of institutional programme brochure/notices for add -on/certificate/value added programmes with course**

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*R.R.K.*  
Dr. R. R. Kumbhar  
PRINCIPAL  
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(EMPOWERED AUTONOMOUS)

# Vivekanand College, Kolhapur (Autonomous)

Date: 03/08/2022

## Notice

All the students of the senior college are hereby informed that the following value added/short-term/certificate courses will be offered in the academic year 2022-23. The list of courses along with course modules and outcomes is given underneath. Students are informed to contact coordinator of the course they wish to take admission for and secure the admission at the earliest. Students can take admission for any course irrespective of the department.

  
Dr. R. R. Kumbhar  
**PRINCIPAL**  
**VIVEKANAND COLLEGE**  
**KOLHAPUR (AUTONOMOUS)**

### Course Information

Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
1	Microbial Quality Control in Pharmaceutical Industries	Microbiology	30 hours	Ms. V. V. Misal (9822376171)	500	CO1: Understand clean room concept and its applications in pharmaceutical industries. CO2: Apply good laboratory practices during work in pharmaceutical industries.	1. Microbiological Laboratory and Safe Practices 2. Determining Microbes in Food/Pharmaceutical Sample
2	Crash Course on Mathematics for Competitive Examination	Mathematics	30hours	Mr. G. B. Kolhe (9404184405)	500	Nurture the fundamental Mathematical skills for preparing and cracking competitive examination.	1. Number System 2. Time and Distance, Time and work, Work and wages 3. Simple interest and compound interest 4. Arithmetics reasoning
3	Preparation of Household Chemicals and Perfumes	Chemistry	3 Months	Dr. S. S. Ankushrao (9096070345)	500	Motivate the youth for self-employment and aspire to be entrepreneur.	1. Introduction to household chemicals 2. Soaps and detergents 3. Cleansing agents 4. Perfumes, deodorants and sanitizers 5. Business planning



Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
4	Add on Course on Bee Keeping and Honey Processing	Zoology	30 hours	Dr. G. K. Sontakke (8830326943)	500	Understands basics about beekeeping tools, equipment, and managing beehives, and honey production and pollination.	1. Biology of honey bees 2. Honeybee enemies and diseases 3. Beekeeping tools and equipments 4. Economics and beekeeping
5	Arduino based Embedded System Design	Electronics	3 Months	Dr. C. B. Patil (9922049750)	800	Study Arduino platform and hardware and software.	1. Embedded system 2. Arduino platform 3. General hardware interfacing 4. Arduino sensors interfacing 5. Embedded systems design
6	Excel for Beginners	Statistics	30 hours	Mr. R. V. Chavan (7376715639)	500	CO1: Understand the spreadsheet. CO2: Enter, edit data, format data and cells.	1. Introduction of Excel 2. Data filtering 3. Formula Writing 4. Creating formatting tables
7	Saral Hindi Kaksha	Hindi	3 Months	Mr. A. S. Mahat (9860857089)	300	Students will be well versed with grammar, communication and vocabulary in Hindi.	1. Pronunciation 2. Conversation in different scenarios 3. Conversation with different people 4. Common mistakes 5. Vocabulary
8	Grooming for Professional Excellence	English	3 Months	Dr. Kavita Tiwade (9049507535)	No course fee	Understand business etiquette and communication and Familiarize with dress and grooming in formal set up.	1. Introduction to basic spoken english and personality development 2. Physical appearance and intermediate spoken English 3. Etiquette and manners 4. Networking and building relationship 5. Time management and organisational skills



Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
9	Certificate Course in Basic Beauty Parlor	Home Science	40 hours	Dr. Urmila Khot (9552572013)	1200	Understand the principles of beauty treatment and the basics and modern styles of beauty.	1. Basic Anatomy 2. Day and evening makeup 3. Hair style - 5 steps 4. Waxing 5. Manicure 6. Pedicure 7. Face bleaching 8. Face cleanup and facials 9. Head massage 10. Mehendi application 11. Hair colour application
10	Certificate Course in Basic Mehendi	Home Science	30 hours	Dr. Urmila Khot (9552572013)	200	Understand the principles of mehendi design and the basic design of mehendi.	1. Drawing different forms and lines 2. Information about making cones 3. Information about the design and removal of mehendi 4. Demonstration of patterns 5. Simple mehendi design
11	Certificate Course in Advanced Mehendi	Home Science	30 hours	Dr. Urmila Khot (9552572013)	300	Learn various designs of mehendi, Improve and perfect new skills and be creative.	1. Indian mehendi design 2. Arabic mehendi design 3. Indo-arabic mehendi design 4. Rajasthan mehendi design 5. Bridal mehendi design
12	Agribusiness Management	B.B.A.	3 Months	Dr. Revati Patil (9049599792)	500	Execute the knowledge to use agri-business practices and corporate agri-business.	1. Introduction to agri-business, agro-based industries and issues 2. International organisations and agri-business
13	Agricultural Entrepreneurship	Sociology	30 hours	Mr. H.V. Chame (90212 01936)	No course fees	Prepare students for agricultural entrepreneurship	1. Poultry farming 2. Goat keeping 3. Modern agriculture 4. Study visit
14	Introduction to Indian Constitution	Political Science	30 hours	Ms. Samiksha Farakate 8007190105	No course fee	Develop rudimentary knowledge of the basics of Indian constitution. and structure of Indian government.	1. What is constitution 2. History of making 3. Philosophy 4. Structure of government 5. Important provisions 6. Current debates



Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
15	History for Competitive Examination	History	40 hours	Dr. S.R. Kattimani (9860090689)	No course fee	Understand the important developments in modern Indian history.	1. Establishment and expansion of British East India Company 2. 1857 revolt 3. Nationalism (1885-1905) 4. Age of Tilak (1905- 1920) 5. Gandhian era
16	Modi Script Translation and Transliteration	History	3 Months	Dr. S.R. Kattimani (9860090689)	No course fee	Understand alphabets, complex words and construct sentences in Modi.	1. Alphabets 2. Days 3. Cronicles 4 Types of documents 5. Abbreviations 6. Constructing words and sentences and Complex words
17	Certificate in Western and Folk Dance	Cultural	3 Months	Dr. A.S. Mahat (9860857089)	1000	CO1: Introduction to the history of classical and folk dance CO2: Introduction to Indian dance forms	1. Dance - definition, basic history of types of dance forms in India 2. Classical dance, folk arts, folk dance 3. Western dance 4. Demonstrations
18	Vocal and Instrumental Music	Cultural	3 Months	Dr. A.S. Mahat (9860857089)	1000	CO1: Theoretical introduction to the art of singing CO2: Introduction to main types instruments	1. Singing - definition, introduction to basic technical terms 2. Instrumental - definition and types 3. Classical and folk singing 4. Demonstrations



Notice

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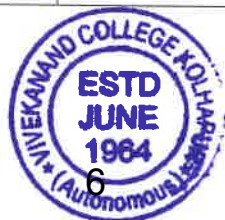
  
 Dr. R. R. Kumbhar  
**PRINCIPAL**  
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**KOLHAPUR (AUTONOMOUS)**

Course Information

Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
1	Crash Course on Python	Computer Science & Mathematics	50 hours	Dr. V. B. Waghmare (9860625005)	500	CO1: Learn and Understand Basics of Programming Languages and Python Programming. CO2 Design small and Complex problems using Python Programming Language.	1. Introduction to Programming Languages and Planning the computer Program 2. Building Blocks of Program and Introduction to Python Programming 3. Conditional and control Statements 4. Lists and Tuples 5. Dictionaries and Functions 6. Introduction to Numpy Basics 7. Introduction to pandas



Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
2	E-Commerce & Digital Marketing	Commerce	30 hours	Mr. U. D. Dabade (8308105756)	50	CO1: Understand concept of E-commerce & Digital Marketing. CO2: Gain insight on digital marketing activities on social media platform.	1. Introduction to E-commerce 2. Website, EDI in business and E-Business 3. E-Payment and Legal Issues in E-commerce 4. Digital Marketing
3	Certificate Course in Fashion Designing	Home Science	2 Months	Dr. Urmila Khot (9552572013)	500	CO1: Understand Knowledge about Fabric Selection, Basic sewing CO2: Preparation of drafting, Cutting, stitching and finishing of apparels construction.	1. Basic Sewing Introduction 2. Sewing Machine Introduction 3. Body Measurements 4. Drafting and Paper Cutting 5. Fabric Selection 6. Punjabi Suit/Dress 7. Saree Blouses
4	Nutrition and Dietetics	Zoology	30 hours	Dr. G. K. Sontakke (8830326943)	500	Understand importance of diet and apply the knowledge of diet in diseases	1. Dietetics & Diet Counselling 2. Human Physiology 3. Clinical & Community Nutrition
5	Securities Market and Investment Analysis	Economics	30 hours	Dr. S. V. Kale (9850899810)	500	Provide conceptual foundation for the purpose of undertaking Investment analysis for securities as well as portfolios.	1. Introduction to securities Market 2. Fundamental and Technical Analysis
6	Sustainable Agriculture	Botany	3 Months	Dr. B. T. Dangat (9890962424)	500	Know the concepts sustainable agriculture, agritourism,	1. Agronomy introduction 2. Organic Farming 3. Soil nutrient





Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
						understand soil nutrient management.	Management 4. Agriculture practices 5. Agrotourism
7	Travel, Tourism and Management	Geography	30 Hours	Dr. G. S. Ubale (8888666195)	100	Understand present status of tourism in India and also facing the problems for the development of tourism.	1. Introduction to Tourism 2. Types of Tourism 3. Tourism Planning & Marketing 4. Tourism Management
8	Industrial Waste Water Management	Microbiology	3 Months	Mr. S. D. Gabale (9970191188)	500	CO1: Acquire skills required in various industries, research labs and in the field of water testing laboratories.	1. Physical and chemical characters of waste 2. Bioremediation 3. Waste Water Treatment Technology
9	IIT Bombay Spoken Tutorial MOOC Course - HTML training	Computer Science	30 hours	Dr. V. B. Waghmare (9860625005)	No course fee	Learn about the theory and application of HTML.	1. Introduction 2. Features of HTML 3. Uses of HTML
10	Medical Laboratory Technician (CMLT)	Zoology	1 Year	Dr. G. K. Sontakke (8830326943)	4000	Acquire the skills of Medical Laboratory Technician.	1. Anatomy & Physiology 2. Medical Biochemistry
11	Diploma in Medical Laboratory Technology (DMLT)	Zoology	1 Year	Dr. G. K. Sontakke (8830326943)	8000	Learn about Medical Laboratory Technology	1. Anatomy, Physiology, Laboratory Management and Quality Control 2. Medical Biochemistry 3. Pathology 4. Medical Microbiology



Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
12	Certificate Course in German Language	Foreign Language	3 Months	Dr. Kavita Tiwade (9049507535)	2000	CO1: formulate grammatically correct sentences in German Language . CO2: improve their language skills in German both in terms of fluency and comprehensibility CO3: speak and write effectively using correct vocabulary in German. CO4: Job opportunities worldwide	1. Numbers ,Months ,Weekdays ,Vocabulary 2. Sentence Creation 3. Self Introduction ,To Introduce others 4. Emails ,Letter writing ,Grammar ,to read and understand texts 5. Listening Exercise 6. Writing and Reading in German



# Vivekanand College, Kolhapur (Autonomous)

Date: 23/06/2020

## Notice

All the students of senior college are hereby informed that the following value added/short-term/certificate courses will be offered in the academic year 2020-21. The list of courses along with course modules and outcomes is given underneath. Students are informed to contact coordinator of the course they wish to take admission for and confirm their admission at the earliest.



Dr. S. Y. Hongekar  
PRINCIPAL  
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KOLHAPUR (AUTONOMOUS)

## Course Information

Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
1	Gardening and Landscape designing	Botany	3 Months	Dr. S. P. Salokhe (9420778093)	500	CO1: Understand the concept of gardening, horticulture, landscaping. CO2: Know different methods of pruning and weed management.	1. Introduction 2. Planting 3. Water Management, Pruning, Weeds, Lawns, Pests and Diseases 4. Landscaping
2	Map Making Techniques	Geography	30 hours	Dr. Shubhangi Kale (8421910128)	No course Fee	CO1: Provide the fundamental and basic knowledge of Geoinformatics industry and its impact on employment.	1. Introduction to GIS 2. Basics of QGIS 3. Data Analysis 4. Map Layout
3	Bioinstrumentation	Zoology	30 hours	Dr. G. K. Sontakke (8830326943)	500	CO1: Inspect common biomedical instruments and their working CO2: Identify, explain and judge patient safety related to biomedical instrumentation.	1. Study of Biomedical Instruments 2. Application of Biomedical Instrument in Disease Diagnosis



Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
4	Certificate Course in Human Rights	Political Science	30 hours	Ms. Samiksha Farakate (9404395193)	No course fee	CO1: Understand the concept of Human Rights CO2: Demonstrate skills of case study writing, quick thinking, analytical essay writing and group discussion	1. The Concept of Human Rights 2. International Human Rights Standards 3. Human Rights Provisions in India



**Notice**

The following add-on/value added/short-term/certificate courses will be offered in the academic year 2019-20. The list of courses along with course modules and outcomes is given below. Students are informed to contact respective coordinator of the course to take admission for the course of their choice.

  
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**Course Information**

Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
1	Theatre and Voice Skills	Marathi	3 Months	Prof. B. K. Desai (9423270947)	1000	CO1: To introduce drama code among students. CO2: To explain theatre techniques.	1. Concept and nature of script. 2. Techniques of direction and acting 3. Nature of language and voice modulations
2	Electrical Wiring	Electronics	3 Months	Dr. D. M. Panhalkar (9226046250)	600	CO1: Acquire knowledge and skill about safety precautions while working. CO2: Identify and use different tools used in wiring.	1. Safety precautions and electric tool 2. Current electricity 3. DC and AC Circuits 4. Fuse and Soldering 5. Electrical wiring and house wiring
3	Basic Instrumentation in Physics	Physics	3 Months	Dr. J. G. Navathe	500	CO1: Understand the film deposition techniques. CO2: Know the Thin film structural and morphological characterization techniques.	1. Thin film deposition techniques. 2. Thin film structural and morphological characterization techniques. 3. Film



Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
							electrochemical and magical characterization techniques 4. Field visit
4	Personality Development	Computer science (Entire)	3 Months	Mrs. Pallavi Desai (9422075431)	500	CO1: Know the characteristics of leadership CO2: Improve self confidence, communication skills	1. Leadership 2. Communication skills 3. Group Dynamics 4. Conflict resolution
5	Medicinal Plants and their conservation	Botany	3 Months	Mr. Abhijeet Kasarkar (8308357779)	500	1. Know the basic knowledge of available plant resources. 2. Acquire relevant information about medicinal plants.	1. Importance of medicinal plants in medicine. 2. Conservation method 3. Study of resources and medicinal plants
6	Instrumentation Course in Life Sciences	Biotechnology	6 Months	Mr. S. G. Kulkarni (9765388919)	500	1. Understand the general instruments in biochemistry. 2. Know the applications of general instruments in biochemistry.	1. Cell counting 2. Centrifuges 3. Chromatography 4. Flow Cytometry 5. Immunoassay 6. Microscopy
7	Organic Farming	Botany	3 Months	Mr. Abhijeet Kasarkar (8308357779)	500	1. Understand the basic concept of organic farming. 2. Understand organic plant nutrient management.	1. Concept of organic farming 2. Organic plant nutrient management. 3. Cultivation of crops 4. Organic plant protection
8	IIT Bombay Spoken Tutorial MOOC Course- Bash	Computer science	3 Months	Dr. V. B. Waghmare (9860625005)	No course fee	CO1. Familiarity with GNU/Linux command lines CO2. Know the basic programming concepts CO3. Perform basic tasks using BASH	Introduction to BASH



Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
9	IIT Bombay Spoken Tutorial MOOC Course- PHP and MySQL	Computer science	3 Months	Dr. V. B. Waghmare (9860625005)	No course fee	CO1. To create large websites CO2. To create E learning management system	1. Features of PHP and MySQL 2. E learning management system
10	IIT Bombay Spoken Tutorial MOOC Course- Python3.4.3	Computer science	3 Months	Dr. V. B. Waghmare (9860625005)	No course fee	CO1. Understand the applications of Python CO2. DO 2D/3DPlotting CO3: Learn user interfaces, parallel computing, machine learning and image processing etc	1. Python 3.4.3 2. Plots and subplots 3. Loading data from files
11	IIT Bombay Spoken Tutorial MOOC Course- Scilab	Computer science	3 Months	Dr. V. B. Waghmare (9860625005)	No course fee	CO1. Understand the programming language like Scilab, PHP, MySQL CO2. Understand the applications of Scilab, PHP, MySQL	1. Introduction to Scilab and its benefits 2. Lab migration, tool boxes and forums, 3. Installing



### Notice

All the students of the senior college are hereby informed that the following add-on/value added/short-term/certificate courses are being offered in the academic year 2018-19. The list of courses along with course modules and outcomes is given below. Students are informed to choose a course of their liking and contact coordinator of the concerned course to take admission in time.

  
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### Course Information

Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
1	Integrated Software Development	Computer science	3 Months	Dr. V. B. Waghmare (9860625005)	1000	CO1: Display and insert data using PHP and MySQL CO2: Test, debug and depoly web pages containing PHP and MySQL	1. Fundamentals 2. PHP 3. MySQL 4. AJAX and JQuery
2	Soil and Water Analysis	Chemistry	3 Months	Dr. D. B. Patil (9421172478)	1000	CO1: Measuring pH, EC of soil CO2: Introduce natural ways of Soil Conservation	1. pH and Electrical Conductivity of Soil 2. Properties of Soil 3. Natural Ways Conservation of Soil
3	Foundation Course of Human Rights	Sociology	3 Months	H. V. Chame (9021201936)	500	CO1: To understands Human Rights CO2: To Explore the work of Dr. Babasaheb Ambedkar	1. Nature of Human Rights 2. Work of Dr. Babasaheb Ambedkar on Constitution

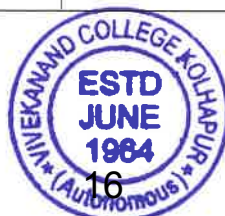




Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
4	Basic Techniques in Plant Tissue Culture	Biotechnology	6 Months	Mr. A. L. Upadhye (9595210850)	1200	CO1: Achieve knowledge of Plant Tissue Culture CO2: Introduce various techniques of tissue culture	1. Introduction to plant tissue culture 2. Callus culture techniques
5	Securities Market and Investment Management	Economics	2 Months	Dr. Shankar Gavade (9881188696)	700	CO1: Evaluate Risk and Return in Investment Decision CO2: Understand the regulatory environment governing securities markets and investment practices	1. Introduction to Financial Markets 2. Investment management 3. Fundamental and Technical Analysis
6	Information and Computer Basics	Computer science	6 Months	Ms. R. Y. Patil (9823122121)	1000	CO1: Impart essential concepts and principles that serve as a basis for more advanced studies and applications. CO2: enhancing overall computer literacy.	1. Computer Fundamentals 2. Computer Software 3. Computer Network 4. Working of Internet and E mail
7	Industrial Pollution and Waste Treatment Technology	Microbiology	6 Months	Ms. Vrushali Misal (9822376171)	1000	CO1: Understand physical-chemical properties of waste water CO2: Understand basic and advanced concepts in industrial pollution aspects and waste water treatment technologies	1. Fundamentals of Environmental pollution 2. Environment protection and related laws 3. Bioremediation 4. Waste water Treatment Technologies
8	IIT Bombay Spoken Tutorial MOOC Course- CellDesigner	Computer science	30 hours	Mr. V. B. Waghmare (9860625005)	No course fee	CO1: Enhance the employability of students CO2: improve and creating a skilled workforce and fostering digital literacy and technological proficiency	1. Features of CellDesigner 2. System Requirements 3. Pathway Databases 4. Plugins



Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
9	IIT Bombay Spoken Tutorial MOOC Course- Java	Computer science	30 hours	Mr. V. B. Waghmare (9860625005)	No course fee	CO1: Enhance the skills amongs students CO2: Creating a skilled workforce and fostering digital literacy and technological proficiency	1. Basic Computer Skills & Office Automation 2. Programming Languages/ Information Technology 3. Modelling and Simulation 4. Scripting Languages / Web Development
10	IIT Bombay Spoken Tutorial MOOC Course- Linux + Ubuntu	Computer science	30 hours	Mr. V. B. Waghmare (9860625005)	No course fee	CO1: Enhance the skills amongs students CO2: Creating a skilled workforce and fostering digital literacy and technological proficiency	1. Ubuntu Desktop 16.04 2. Basic Commands 3. General Purpose Utilities in Linux 4. Working with Linux Process
11	Retail Marketing	BBA	6 Months	Mr. Sunny' S. Kale (8049689235)	900	CO1: Develop the skill & knowledge of management CO2: Enables the students to enter into field of retailing	1. Principle of Retail Marketing 2. Basic Concepts of marketing 3. E-retailing
12	Digital Photography	Photography	1 Month	Mr. Raviraj Sutar (9284122185)	200	CO1: Gain skill to use the digital tools for creation, modification & presentation CO2: Solve complex photography problems using creative thinking and analytical skills	1. Basics types of Optics using in lances 2. Science behind image formation 3. Composition of photography 4. Understanding creative light and direction
13	Universal Human Values	Geography	3 Months	Dr. G. S. Ubale (8888666195)	250	CO1: Provide the quality education about Universal Human Values CO2: Expand and enrich knowledge for elfare society	1. Universal Human Values 2. Ethics 3. Attitude and Rectitude of conduct



Sr. No.	Name of the course	Department	Duration	Coordinator Name and Contact No.	Fees (In Rupees)	Outcomes	Content
14	Certificate Course in Spoken English	English	3 Months	Dr. Shruti Joshi	1000	CO1: Helps learner to communicate in english CO2: Helps students to express their thoughts and opinions effectively	1. Basic Grammer 2. Spoken English Skills

