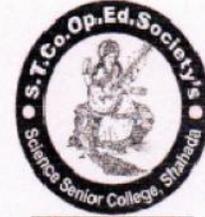**Shahada Taluka Educational Society & Co-operative Educational Society Ltd.,**

Science Senior College, Shahada Dist: Nandurbar

Value Added Course
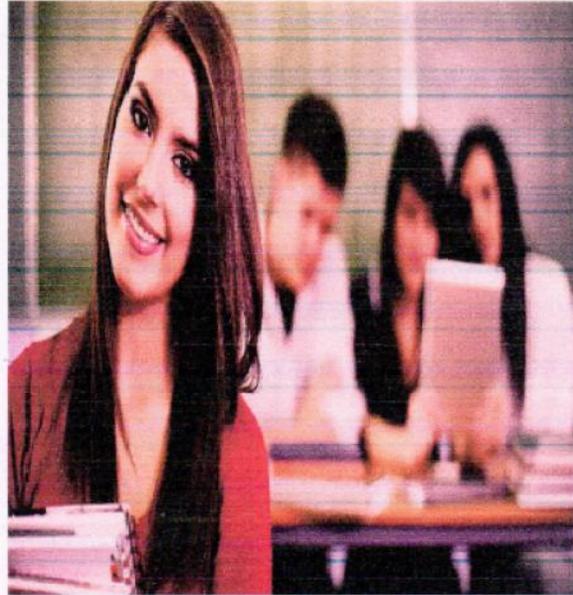# Year 2017-2018

Take a Leap into the Future

with S.T.Co-op Edu[n]. Society

Science Senior College

Value

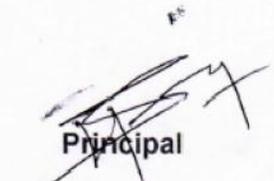# Added Courses

Principal's Remarks....

Seismic changes in economy under the impact of globalization and technological advancement have changed the form and content of education in India. Rapid economic growth has opened up immense opportunities for youngsters to craft a successful career for themselves. But such prospects are no doubt always accompanied by fresh challenges. Unlike in the past, students when they step out of colleges are now expected to not only have knowledge but also be already skilled. That is where the need to augment what gets taught in a college becomes important. Realizing the urgency of enhancing the skill-sets of our students, S.T.Co-op Edu^n. Society Science senior College has been offering various value added courses. We even designed and introduced many value added course that are orienting the academic profile towards professional education we offer courses in Biotechnology, Computer Science and Computer Applications.

The demands of the employment market today requires that students come industry-ready, possess multiple skill-sets, and be prepared to take on the onus of leading projects. We at S.T.Co-op Edu^n. Society Science Sr. College have always aimed at transforming our students into capable and responsible individuals. As capabilities come to be redefined under newer circumstances, Science Senior College Shahada alertly and readily responds to these developments and revises and renews its educational content and delivery.

We want to create adequate opportunities for our students to acquire these skills within our campus thus saving their time, energy and money. Hence, we have now embarked upon a new initiative and have launched a slew of Value Added Courses which are of immediate relevance in the job market. We want our students to not only have access to do these courses but also be able to learn from the best. Further, some of these courses are priced exorbitantly by private institutes, which burden our students. Hence, to lessen the economic burden on them and to enhance their employability, our College will be offering a very wide range of courses with practical utility. Many of these courses are aimed at making students industry-ready, some target to make them entrepreneurs.

I hope that this new initiative will be happily welcomed by students, parents and even employers. I would like every student of our College make the best use of these opportunities and emerge as more competent, capable and complete individuals.

Principal

Dr.S.A.Marathe

Our Colleges offer degree programs with the purpose of developing the intellectual caliber of individuals. Hence the curricula of these degree courses enrich the students' understanding and mastery of an area of knowledge. But, in the contemporary context, it is equally important for colleges to supplement the curriculum and equip the students to better meet the required levels of performance in the industry. No doubt, such supplementation might also develop their interests and aptitudes.

What is a Value Added Course?

Employment scene today requires that a student wanting a job be an all-rounder, with several skills. Pursuing multiple long-winding degree programs is no answer to this. Rather than spending a lifetime seeking higher qualifications, Value Added Courses give you the chance to update your skill set in only a fraction of the time and money. But, the value they create is very high.

Why should I do a Value Added Course?

Value Added Courses are a fine way to fill the gaps in your knowledge and add competitive edge to your job prospects. As systems, programs and practices change, making it critical for job-seekers to have a range of competencies, Value Added Courses can help you to be a winner. Starting off with a Value Added Course helps you to have a foundation on which to build your career. Many of these courses may lead you on to your own enterprise or to further qualifications, if needed.

Who can take admission to a Value Added Course?

There are two types of courses being offered – General Interest Courses that are open to all and Subject Specific Courses. You can pursue these courses as per your requirement. Apart from the our College students, even others – students from anywhere, working men and women, or the self-employed – can register for these courses.

How many courses can I do?

As the basic idea is to make ample opportunities available to students, there are no restrictions on how many courses a student can offer. Many of these courses are offered more than once a year and thus one can acquire several certifications during the period of a degree program.

Will I get a Job because of Value Added Courses?

The purpose of the Value Added Courses is to make you industry-ready. Providing the finishing touches to the knowledge you gain in your degree program, Value Added Courses will polish your skills and enhance your employability. What is more, you may even acquire enough tricks to start your own business!

The College has a Placement Cell to assist you with your placement. You can register with this Cell and receive further guidance and some assistance in seeking jobs. The Cell also facilitates On or Off campus interviews.

How to register for a Course?

The Courses are run by many departments. Each course has a Coordinator whose phone number is prominently displayed in the Brochure. You may contact these coordinators in person or by phone for details. You may visit the College website for more details as well.

What about the Certification?

Each course has its own assessment pattern, both practical and theoretical. Successful completion of the course earns you Certification issued by the College for some subjects.

Shahada Taluka Educational Society & Co-operative Educational Society Ltd.,

Science Senior College, Shahada Dist: Nandurbar

Value Added Course Year: 2017-2018

Course Name	Department	Coordinator	Mobile No
Basic Introduction to computer programming languages	Computer	Asst. Prof. Asha R. Patil	9604477844
Microsoft excel and Microsoft power point	Computer	Asst. Prof. Sonali M. Patil	9503132015
Microsoft power point	Computer	Asst. Prof. Sonali M. Patil	9503132015
Disaster Management	Biotech	Asst. Prof. S. R. Maulapatel	9834793607
Organizational Behavior	Biotech	Asst. Prof. R. J. Valvi	8308082364
Biochemical Techniques	Chemistry	Asst. Prof. Sachin P. Patil	8888998210
Identification of Chemicals	Chemistry	Asst. Prof. Lalita A. Patil	9359249321
Competitive Skills	Physics	Asst. Prof. Bhushan P. Nikam	9850036462
Stress Management	Physics	Asst. Prof. Bhushan P. Nikam	9850036462
Corporate Communication Skills	Chemistry	Asst. Prof. Sachin P. Patil	8888998210
Identification and rescuing of snakes	Zoology	Dr. Deepali M. Gawande	9403986833
Mushroom Cultivation	Botany	Asst.Prof. Nishighanadha Vasaikar	7249133772

PRINCIPAL
S.T.Co.op.Edu.Seclety's
SCIENCE SR. COLLEGE
SHAHADA.Dist.Nandurbar

College Name: S.T. Co-Op Education Society's Ltd, Science Sr. College, Shahada

Year: 2017-2018

Course Name: Basic Introduction to computer programming languages

Co-ordinator Name: Asst. Prof. Asha R. Patil

Department Name: Computer Science

Intake Capacity: 20

Admitted Student: 20

Duration of Course: 45 Days

Syllabus: Theory 30 Lectures and Practical 15.

1) Overview of the C Programming Language 2) Decision making in C 3) Loop control in C 4) Beginning with C++ 5) C++ Language features 6) OOPs concept 7) Basic of Java language 8) Object and classes

Outcome: Course improve student problem solving skills. Students can apply logical skill to programming in a variety of languages.

College Name: S.T. Co-Op Education Society's Ltd, Science Sr. College, Shahada

Year: 2017-2018

Course Name:

Co-ordinator Name: Asst. Prof. Sonali M. Patil

Asst. Co-ordinator Name: Asst. Prof. Kallyani C. Patil

Department Name: Computer Science

Intake Capacity: 20

Admitted Student: 20

Duration of Course: 30 Days

Syllabus: Theory 18 Lectures and Practical 12.

1) Worksheet structuring 2) Customized conditional formatting 3) Mathematical operations 4) Template Development 5) Logical Functions

Outcome: Students create, open and view a workbook. Students create a basic worksheet by using Microsoft excel. Student learn to use functions and formulas.

College Name: S.T. Co-Op Education Society's Ltd, Science Sr. College, Shahada

Year: 2017-2018

Course Name: Microsoft power point

Co-ordinator Name: Asst. Prof. Sonali M. Patil

Asst. Co-ordinator Name: Asst. Prof. Kallyani C. Patil

Department Name: Computer Science

Intake Capacity: 20

Admitted Student: 20

Duration of Course: 30 Days

Syllabus: Theory 18 Lectures and Practical 12.

1) Setting theme of presentation as per audience/topic 2) Topic breaker/ objectives /Conclusive slide creation 4) Inserting audio/video

Outcome: Students create, modify slides. Students add sound and video in PPT.

College Name: S.T. Co-Op Education Society's Ltd, Science Sr. College, Shahada

Year: 2017-2018

Course Name: Disaster Management

Co-ordinator Name: Asst. Prof. S. R. Patil

Department Name: Biotech

Intake Capacity: 20

Admitted Student: 26

Duration of Course: 30 Days

Syllabus: Theory 30 Lectures and Practical 15.

1) Introduction to Disaster Management 2) Approaches to Disaster Risk education 3) Principle of disaster management

Outcome: To increase the knowledge and understanding of the disaster phenomenon. To insure skills and abilities to analyze potential effects of disaster.

College Name: S.T. Co-Op Education Society's Ltd, Science Sr. College, Shahada

Year: 2017-2018

Course Name: Organizational Behavior

Co-ordinator Name: Asst. Prof. R. J. Valvi

Department Name: Biotech

Intake Capacity: 20

Admitted Student: 15

Duration of Course: 30 Days

Syllabus: Theory 30 Lectures.

1) Introduction to course, personality and individual differences 2) Motivation and reward 3) Intrinsic motivation and job redesign 4) Perception, cognition and decision making 5) well being at study

Outcome: To understand the main theories of organizational behavior. To be able to analyze how these theories and empirical evidence can help to understand contemporary organizational issues.

College Name: S.T. Co-Op Education Society's Ltd, Science Sr. College, Shahada

Year: 2017-2018

Course Name: Biochemical Techniques

Co-ordinator Name: Asst. Prof. Sachin P. Patil

Department Name: Chemistry

Intake Capacity: 20

Admitted Student: 27

Duration of Course: 40 Days

Syllabus: Theory 33 Lectures and Practical 7.

1) Spectrophotometry 2) Chromatography 3) Centrifugation

Outcome: Students should be able to explain the principles of the most important liquid and gas chromatographic as well as electro-migration techniques.

College Name: S.T. Co-Op Education Society's Ltd, Science Sr. College, Shahada

Year: 2017-2018

Course Name: Identification of Chemicals

Co-ordinator Name: Asst. Prof. Lalita A. Patil

Department Name: Chemistry

Intake Capacity: 20

Admitted Student: 26

Duration of Course: 30 Days

Syllabus: Theory 23 Lectures and Practical 7.

1) Precipitation 2) Acid base test 3) Acid base test 4)

Outcome: Students will have a firm foundation in the fundamentals and application of current chemicals and scientific theories including those in analytical, inorganic, organic and physical chemistry

----

College Name: S.T. Co-Op Education Society's Ltd, Science Sr. College, Shahada

Year: 2017-2018

Course Name: Corporate Communication Skills

Co-ordinator Name: Asst. Prof. Sachin P. Patil

Department Name: Chemistry

Intake Capacity: 20

Admitted Student: 26

Duration of Course: 30 Days

Syllabus: Theory 24 Lectures and Practical 6.

1) Identify key principle in business communication 2) Public speaking 3) Communicating different messages

Outcome: Apply appropriate communication skills across settings, purposes and audiences. Demonstrate knowledge of communication theory and application.

College Name: S.T. Co-Op Education Society's Ltd, Science Sr. College, Shahada

Year: 2017-2018

Course Name: Competitive Skills

Co-ordinator Name: Asst. Prof. Bhushan P. Nikam

Asst. Co-ordinator Name: Asst. Prof. Harshal Khairnar

Department Name: Physics

Intake Capacity: 20

Admitted Student: 30

Duration of Course: 45 Days

Syllabus: Theory 45 Lectures.

1) Method to solve objective type questions 2) Problem-solving 3) Time Management 4) Interpersonal Skills 5) General Knowledge

Outcome: Student are fully satisfied about teacher encouraging participation and discussion in the class. Course improve students problem solving skills.

College Name: S.T. Co-Op Education Society's Ltd, Science Sr. College, Shahada

Year: 2017-2018

Course Name: Stress Management

Co-ordinator Name: Asst. Prof. Bhushan P. Nikam

Asst. Co-ordinator Name: Asst. Prof. Harshal Khairnar

Department Name: Physics

Intake Capacity: 35

Admitted Student: 31

Duration of Course: 30 Days

Syllabus: Theory 20 Lectures.

1) What is Stress 2) Stress and nervous system 3) Understanding stress level 4) Developing cognitive coping skills

Outcome: Student discuss the definition of stress and apply critical thinking to identify its causes and treatments. Become familiar with seminal and contemporary research on stress, coping and resilience.

College Name: S.T. Co-Op Education Society's Ltd, Science Sr. College, Shahada

Year: 2017-2018

Course Name: Identification and rescuing of snakes

Co-ordinator Name: Dr. Deepali M. Gawande

Department Name: Zoology

Intake Capacity: 20

Admitted Student: 12

Duration of Course: 30 Days

Syllabus: Theory 12 Lectures and Practical 18.

1) Introduction to snakes 2) Identification of Non-venomous snake 3) Identification of semi-venomous snake 4) Identification of venomous snake 5) Behavior of snake 6) Habit and habitat snake

Outcome: Students will identify the different types of snakes. Students will take proper care and safety on account of any snakes observed.

College Name: S.T. Co-Op Education Society's Ltd, Science Sr. College, Shahada

Year: 2017-2018

Course Name: Mushroom cultivation

Co-ordinator Name: Asst. Prof. Nishigandha V. Vasaikar

Department Name: Botany

Intake Capacity: 20

Admitted Student: 17

Duration of Course: 44 Days

Syllabus: Theory 24 Lectures and Practical 20

1) Mushroom Cultivation technique 2) Compost and composting 3) Spawn and spawn making

Outcome: To enable the student to understand and gain theory and practical knowledge on mushroom cultivation technique.