

Value Addition Course Details

Sr. No.	Course Name	Certificate/Diploma /Skill development	Department	Goals and objectives
1	Remote Sensing and GIS	Certificate	Geology	To acquaint student with basic satellite image interpretation and analysis
2	Determination of Physico-chemical and Microbiological parameters in drinking Water	Certificate	Chemistry	To enable students to acquire knowledge and to estimate the different Physico-chemical and biological parameters in drinking water so as to determine whether water is hygienically safe and fit for consumption. Students are encouraged to bring water samples from their locality for analysis
3	Course in Analytical Tools		Chemistry	To have detailed knowledge about principles and working of instruments used in various chemical analysis. This helps the students during the project work of T.Y.B.Sc
4	Statistics and Statistical surveys using statistical package R or similar software		Mathematics	Introduction to various statistical concepts and Introduction to R or similar statistical software
5	Mathematical Typesetting LaTeX		Mathematics	To introduce the basics of how LaTeX works, how to install Latex and Tex editor TeXstudio, explain how to get started, and go through lots of examples. This course will be helpful for students, research scholars and teachers to prepare their research papers, manuscripts, theses and questions papers in LaTeX.
6	Multimedia	Certificate	Computer Science	To understand Openshot video editor.

7	GNU Image Manipulation Program (GIMP)	Certificate	Computer Science	To understand GIMP Software.
8	PHP & My SQL	Certificate	Computer Science	To understand PHP & My SQL.
9	C++	Certificate	Computer Science	To understand C++ Software.
10	C program	Certificate	Computer Science	To learn C Program.
11	Orchid, Anthuriumcultivation, flower arrangement, creative, kitchen and vertical gardening	Certificate	Botany	<p>1) Orchid, Anthuriumcultivation.</p> <p>2) Flower arrangement.</p> <p>3) Vertical gardening and creative gardening</p> <p>4) Kitchen gardening.</p>
12	training and application of fungi as Biocontrol agents, EM fungi, vermi-composting and organic manure for domestic utilization	Certificate	Botany	<p>1) Biocontrol agents.</p> <p>2) EM fungi.</p> <p>3) Vermi-composting.</p> <p>4) Organic manure</p>
13	Skill development in fungi: Basic techniques in Mycology, Mushroom cultivation and Tempeh preparation	Certificate	Botany	<p>1) Techniques in fungi identification and culturing.</p> <p>2) Mushroom cultivation.</p> <p>3) Tempeh preparation.</p>
14	Electrical and Electronic Instrumentation	Certificate	Physics	It is envisaged that professionally qualified graduates with a sound knowledge of their core discipline and expertise in a concerned skill will have more openings in service industry and self employment sectors.
15	Value added sea food products	Certificate	Zoology	To provide hands on training to participants on preparation of sea food products.

16	Written English	Certificate	English	<p>The learner should be able to write in English without any grammatical errors. They should be familiar with formats of common compositions, such as letters, notices, précis writing, which are used in everyday life and serve various practical purposes.</p> <p>1. बिगर कोंकणी सरकारी अधिकाऱ्याक कोंकणींतल्यान उलोवंक आनी बरोवंक कोंकणी भाशेचें कामा पुरतें गिन्यान मेळटलें.</p>
17	कोंकणी उलय कोंकणी बरय	Certificate	Indian Languages (Konkani)	<p>2. कोंकणी भाशेच्या उडट्या इतिहासाची फांटभूय कळटली.</p> <p>3. व्याकरणीक बुन्याद घट जातली.</p> <p>1. विद्यार्थ्यांक कोंकणींतल्यान उलोवंक आनी बरोवंक कोंकणी भाशेचें कामा पुरतें गिन्यान मेळटलें.</p> <p>2. कोंकणी भाशेच्या उडट्या इतिहासाची फांटभूय कळटली.</p>
18	कोंकणी भाशेचो दाखलो	Certificate	Indian Languages (konkani)	<p>3. भाशेच्या नदरेंतल्यान कोंकणींतल्यान आयकप, उलोवप, वाचप आनी बरोवप ह्या कौशल्यांचो विकास जातलो.</p> <p>4. दिसपट्टे जिणेंत आनी सरकारी कामकाजांत कोंकणी भाशेचो प्रभावी वापर जातलो.</p> <p>5. नोकरे खातीर दाखलो मेळटलो.</p>

19	Typing in Unicode-Mangal Font	Certificate	Indian Languages	<ol style="list-style-type: none"> 1. विद्यार्थी देवनागरी टंकण में सक्षम होगा । 2. देवनागरी वर्तनी का ज्ञान। 3. हिंदी, कोंकणी मराठी में देवनागरी टंकलेखन के साथ वर्णमाला का ज्ञान। 4. परिवर्धित देवनागरी स्वरूप की जानकारी । 1. सहभागीना पत्रकारीतेची मूलतत्त्वे शिकविणे. 2. सहभागीना वर्तमानपत्रांसाठी बातमीलेखन करण्यास शिकवणे. 3. बातमी संपादन कौशल्ये. 4. आकाशवाणी व दूरदर्शनासाठी बातमी लेखन.
20	Journalistic Skills	Certificate	Indian Languages	<ol style="list-style-type: none"> 5. प्रात्यक्षिक (Practical) 6. कार्यानुभव (on job training)
21	Counselling Skills	Certificate	Psychology	<ol style="list-style-type: none"> 1. To develop an understanding about the basics of counselling, including its theory and practice

22	DIY Decor	Certificate	Philosophy	<p>2. To develop an understanding about the role and responsibilities of a counsellor in various settings</p> <p>3. To develop the key skills for an effective counselling relationship.</p> <p>4. To develop an understanding about different styles of counselling.</p>
23	Entrepreneurship Development Programme	Certificate	Biotechnology	<p>To provide students with hands on training in the field of food biotechnology, make them self sufficient and enable them to have their own start ups.</p>