



R-178  
**Gujarat Council of Vocational Training**  
**Gandhinagar**



1. Name of Course & Location:

**Beads Jewellery**  
**Location: Jagannath Cultural Academy & Research**  
**Centre, Adalaj, Gandhinagar**

N.C.O. No. for Skills Covered:

(Please refer National Classification of  
Occupations -2004 available on  
www.dget.nic.in)

Division - 7

Sub Division - 74

2. Engineering OR Non-engineering: Non -Engineering

3. No. of students per batch: 25

4. Duration in Hours. : 175 hrs.

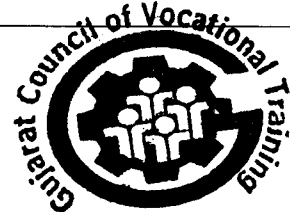
5. Duration in Month: 1 month - 7 hrs. Per day @ 42 hours/Week

6. Examination Scheme:

No.	Name of Subject	Teaching Hours during full course.	Maximum Marks. (Excluding Sessional)	Minimum Marks required for Passing (Excluding Sessional).	Sessional Marks if any.
Subject-1	Theory	35	100	40	10
Subject-2	Practical	140	300	180	30
Subject-3					
Subject-4					
Subject-5					

7. Entry qualification for Trainee:

Minimum entry qualification (Essential):	5 <sup>th</sup> Class, 18yrs
Desirable:	Drawing/ sketching and ornamental work





## 8. Minimum qualification for Trainer:

Minimum qualification (Essential):	<b>Diploma In Fine Arts, B.ED., BFA</b>
Desirable:	<b>Experienced artisan, fine art teacher in stones such as agate, alabaster, onyx etc.</b>

## 9. Syllabus Committee Member:

Sr. No.	Name	Organization	Designation	Technical Qualification	Experience in Years	Signature
1.	K. Vikram Rastogi	STC(TD) Pvt. Ltd.	President	BSC. Engineering (Mech.) M.E. (Heat Power) Dip. (German)	35 yrs.	
2.	Kishan Verma	STC(TD) Pvt. Ltd.	Manager-Technical	B.E. Civil	25 yrs	
3.	Kartikeya Tewari	STC(TD) Pvt. Ltd.	Project Manager	MBA, Master of Environment Management M.A. Economics	21 yrs	
4.	Sunil Kaliha	National Institute Of Fashion Technology, Gandhinagar	Guest Faculty	Diploma in Jewellery Engineering PG in Mass Communication	10 yrs.	
5.	Rajesh Mehta	North Gujarat University	Associate Professor, HOD, Institute of Architecture	B. Arch. Master in Urban planning	22 yrs	
6.	Prof. Alok Ranjan	Malviya National Institute Of Technology, Jaipur	<del>Associate</del> Professor	B. Arch. MURP (Hons.)	33 yrs.	
7.	Ashish Sompura	Temple Architect	Temple Archt.	B. Arch.	16 Ys	





# Gujarat Council of Vocational Training Gandhinagar



1. Name of Course & Location:

Beads Jewellery including stones such as agate, alabaster, onyx etc Jagannath Cultural Academy & Research Centre, Adalaj, Gandhinagar

N.C.O. No. for Skills Covered:

(Please refer National Classification of Occupations -2004 available on [www.dget.nic.in](http://www.dget.nic.in))

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3. No. of students per batch: 25

4. Duration in Hours. : 175 hrs.

5. Duration in Month: 1 month - 7 hrs. Per day @ 42 hours/Week

6. Examination Scheme:

No.	Name of Subject	Teaching Hours during full course.	Maximum Marks. (Excluding Sessional)	Minimum Marks required for Passing (Excluding Sessional).	Sessional Marks if any.
Subject-1	Theory	20%	100	40	10
Subject-2	Practical	80%	300	180	30
Subject-3					
Subject-4					
Subject-5					

7. Entry qualification for Trainee:

Minimum entry qualification (Essential):	5 <sup>th</sup> Class, 18yrs. 25yrs.
Desirable:	Drawing/sketching and ornamental work



**10. Terminal Skills of trainee: (NCO-2004, skill level 2)**

The trainee, after successful completion of training, will have following skills:

1. Students will have an understanding of: the process of bead jewelry making using beads, wire, and findings; the safe and proper way of using bead jewelry making hand tools.
2. The importance of knowing design elements in planning and constructing bead jewelry.
3. Specific bead construction techniques and the use of findings
4. Specific bead, finding, bead board and wire construction theoretical techniques
5. They will learn how their selection of materials, shapes, and jewelry findings all contribute to a satisfying and aesthetic product.

11. Approximate cost of Tools / Equipments / Machinery for Starting one batch of the course:

Rupees 2.0 lacs (indicative)  
Apart from the above, other tools, equipment's and machinery as required may be purchased

Reference Year

2015-2016

12. Area required for practical, Workshop for one batch.  Sq. Meter

13. Minimum Power connection required  K.W.

14.1 No of items in Standard list of Machinery:

14.1.1. Page No from 5 to 5.

14.2 No of items in Standard list of Shop outfit:

14.2.1. Page NO from \_\_\_ to \_\_\_.

14.3 No of items in Standard list of Trainee Toll-Kit:

14.1.1. Page NO from 6 to 6. (TTK)



\*\*\*\*\* FOR OFFICIAL USE \*\*\*\*\*

Approved by GCVT in ~~Governing Body~~ meeting on :

10-11-2014

Syllabus implemented w.e.f. admission session :

next session.

Revision History :

1. Revision No..... Revision Date.
2. Revision No..... Revision Date.
3. Revision No..... Revision Date.



Standard List of Machinery - Equipment / Shop-outfit / or Trainee Toolkit

For Trade of \_\_\_\_\_ Beads Jewellery \_\_\_\_\_

Sr. No.	Description of Item with detailed specifications	Item type i.e. Machinery / Equipment OR Shop Outfit OR Trainee Toolkit	Quantity Required per one Batch of Students	Quantity Required per one Batch of Students for Instructor	Total Quantity Required (Total of previous two columns)
1.	Crimping Pliers		5 set	1	6
2.	Wire Clamps		5 set	1	6
3.	Bead Reamer Set		5	1	6
4.	Nylon-Nosed Pliers		5 set	1	6
5.	Two-Hole Metal Punch		5	1	6
6.	Micro Crimping Pliers		5 set	1	6
7.	Phoenix Bead Chart		5	1	6
8.	Cold Heat Glue Gun		5	1	6
9.	Rivet Piercing/Setting Tool		5	1	6
10.	Impress Art Brass Metal Stamping Hammer		5	1	6
11.	Narrow Stripe and Dimple Texture		5	1	6
12.	Craft Knife		5	1	6
13.	Wire Jewelry Jig		5	1	6
14.	Wire Pin Vice		5	1	6



15.	Hammer		5 (TTK)	1	6
14	Pencil	1	25 (TTK)	1	26
15	Rubber	1	25 (TTK)	1	26
16	Sharpener	1	25 (TTK)	1	26
17	Scale	1	25 (TTK)	1	26
18	Drawing Book	1	25 (TTK)	1	26
19	Bag	1	25 (TTK)	1	26
20	Raw material (Beads & wire etc.)	As per requirement			



Name of Syllabus: Beads Jewellery

Terminal Competency:

Theory	Practical
<p><b>Course Curriculum (Indicative)</b></p> <p>The class is designed to teach a beginning student the basic principles of making beaded jewelry. Students will learn about the elements of design: color; balance etc. and how the design elements assist them in expressing themselves. They will learn how their selection of materials, shapes, and jewelry findings all contribute to a satisfying and aesthetic product.</p> <p><b>1st Week:</b> Welcome, course introduction and overview.</p> <p>Students will have an understanding of: the process of jewelry making using beads, wire, and findings; the safe and proper way of using jewelry making hand tools; the importance of knowing design elements in planning and constructing bead jewelry. They will learn sources for finding materials and supplies needed for next class session.</p> <p><b>2nd Week:</b> Earring Project: Specific bead construction techniques and the use of findings will be taught and students will design and make a pair of earrings.</p>	<p><b>Method of Assessment:</b></p> <p>Students will complete a pair of earrings, a bracelet, and a necklace. There will be a class critique at the completion of each project to discuss how each student completed the assignment. There will be a final quiz on jewelry vocabulary and skills learned on the final session of class.</p> <p>❖ Introduction to all Techniques of Bead &amp; Costume Jewellery</p> <p>→ Jhumki (Single and Double)</p> <p>→ Ganthan (Single and Double)</p> <p>→ Net (2 types) and ball</p> <p>→ Application of Net, Ball, Ganthan, Earrings, Necklace, Bracelet, Anklet</p> <p>→ Thread Twisting</p> <p>→ Bangle</p> <p>→ Chediya</p> <p>→ Knotting (Single &amp; Double)</p>





**3rd Week:** Bracelet Project: Specific bead, finding, bead board and wire construction techniques will be taught and students will design and construct a bracelet.

**4th Week:** Necklace Project: Specific bead, finding, bead board construction techniques will be taught and students will design and construct a necklace. Summary "Quiz" will be given.

Course Objectives and expected Student learning outcomes:

The purpose of this class is to teach at each session, specific bead jewelry making techniques and skills that can be used to complete a project. This class will empower students, and teach them how they could start their own hobby or small bead jewelry business with minimal supplies. Handouts of samples, patterns to follow, and samples of completed jewelry we will make in class will be provided.

❖ Introduction to International Bead & Costume Jewellery

→ Bracelets

→ Earrings

→ Necklace

→ Anklet

→ Chediya Lock

→ Traditional Set

→ Leather

→ Knotting Variation

→ Tips of safety rules and regulations in a jewelers workshop

→ Sawing, Wire Bending, Filing, Rolling, Riveting, Drilling, Fitting, Finishing

→ Technical drawing with isometric and orthographies view

→ Stone Jewellery making

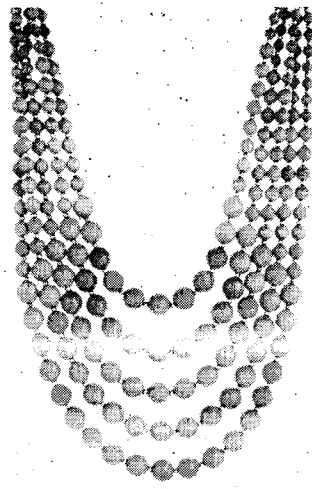
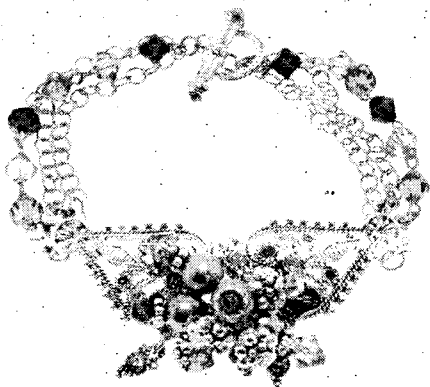
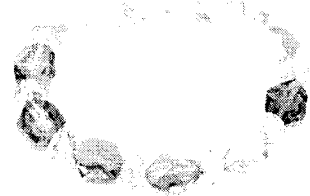
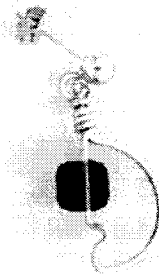
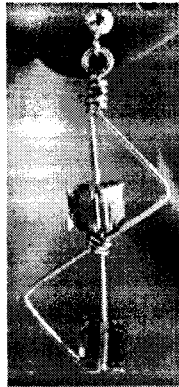
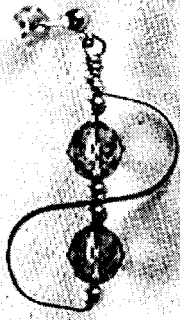
→ Visit in Jewellery industries.

Signature:

*[Handwritten Signature]*



Items which shall be made by the students





Name of Syllabus: **Beads Jewellery**

Terminal Competency:

S. No.	Week	Theory	Practical
1	1	Introduction to all Techniques of Bead Jewellery	Crimping and Thread Twisting, Single/Plain Loop Techniques in making
2	2	Chandeliers, Dangles, Drops, Hoops, Posts and Studs	Chandeliers, Dangles, Drops, Hoops, Posts and Studs
3	3	Stringing Beads to Make Jewelry	Ear ring, Bracelet, Anklet, Necklaces & Pendants
4	4	Examination & Jury	Examination & Jury

Signature: