

# Shri Jayendrapuri Arts and Science College, Bharuch

(REACCREDITED BY NAAC WITH “B” GRADE WITH A CGPA OF 2.81)

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Date :

No. :

**5.1.2: Following capacity development and skills enhancement activities are organized for improving students' capability.**

| Name of the capability enhancement program             | Date of implementation (DD-MM-YYYY) | Number of students enrolled during last 5 years | Name of the agencies/consultants involved with contact details (if any) |
|--|-------------------------------------|---|---|
| <b>Soft Skills</b>                                     |                                     |   |   |
| Sanskrit Sanbhasan Club                                | 30-01-2020                          | 242   | Dr. D.P.Parekh,<br>Mob.:8460629950                                      |
| Swami Atulanandji Maharaj Amateur Astro Club (SAMAAC)  | 2009                                | 587   | Physics Department  |
| Finishing School                                       | 2016/2017                           | 250   | KCG, Government of Gujarat  |
| Career Oriented Program for Chemistry Students (COPCS) | 2014                                | 759   | Dr. R.B.Parmar,<br>Mob.: 9426285465                                     |
| Study Circle of Psychology                             | 2017                                | 454   | Psychology Department   |
| Study Circle of Hindi                                  | 2019                                | 173   | Hindi Department  |
| Sahkari Talim Varg                                     | 1956                                | 378   | Bharuch District Sahakari Sangh   |
| JPC INNOVATION CLUB                                    | 2022                                | 49  | Commissioner of Higher Education, Gandhinagar                           |
| <b>Language &amp; Communication Skills</b>             |                                     |   |   |
| Finishing School                                       | 2016/2017                           | 250   | KCG, Government of Gujarat  |
| Career Oriented Program for Chemistry Students (COPCS) | 2014                                | 750   | Dr. R.B.Parmar,<br>Mob.: 9426285465                                     |

| <b>Life Skills</b>   |            |      |                                      |
|--|------------|------|--------------------------------------|
| Self Defence Training for Girl Students  | 2017       | 250  | Shri J.H. Mori, Mob.: 9879269785     |
| International Yoga Day   | 21-06-2014 | 2000 | Shri J.H. Mori, Mob.: 9879269785     |
| National Youth Day   | 1969       | 2000 | NSS                                  |
| <b>ICT Tools/Computing Skills</b>  |            |      |                                      |
| Online Training For Microsoft Teams (For Faculty)                                      | NA         | 39   | Shri K.R.Chaudhari, Mob.: 9427161726 |
| Online Training For Microsoft Teams (For Students)                                     | NA         | 3049 | Shri K.R.Chaudhari                   |
| Online Training For Microsoft Teams (For Faculty of Other Colleges) As a Buddy College | NA         | 3100 | Shri K.R.Chaudhari                   |



  
 (DR. N.M. PATEL)  
 PRINCIPAL  
 SHREE JAYENDRAPURI ARTS &  
 SCIENCE COLLEGE -BHARUCH

## **Career Oriented Program for Chemistry Students (COPCS)**

Career Oriented Program for Chemistry Students (COPCS) run by the Chemistry Department for final year students pursuing graduation with Chemistry in Shree Jayendrapuri Arts and Science College, Bharuch. Various educational activities were organized under the auspices of the Career Oriented Program for Chemistry Students (COPCS) during each year. Information about these activities and programs would be appropriate here.



The COPCS has been functioning with the prescribed programs and activities with the objectives of strengthening the basic knowledge of chemistry among the final year B. Sc. students, increasing their confidence and making themselves employable by developing competence.



Lectures were held this year of experts of different branches of chemistry who are serving in the college and professors from other colleges and universities. Expert dialogues, seminars and discussions were also organized on topics like communication skills, self-confidence, interview techniques, competitive exams etc. for the overall development of the students.



In this era of modern technology and competition, exercises like objective tests, mock interviews, group discussions, and video demonstrations by experts were conducted to develop presentation skills and temperament among students.

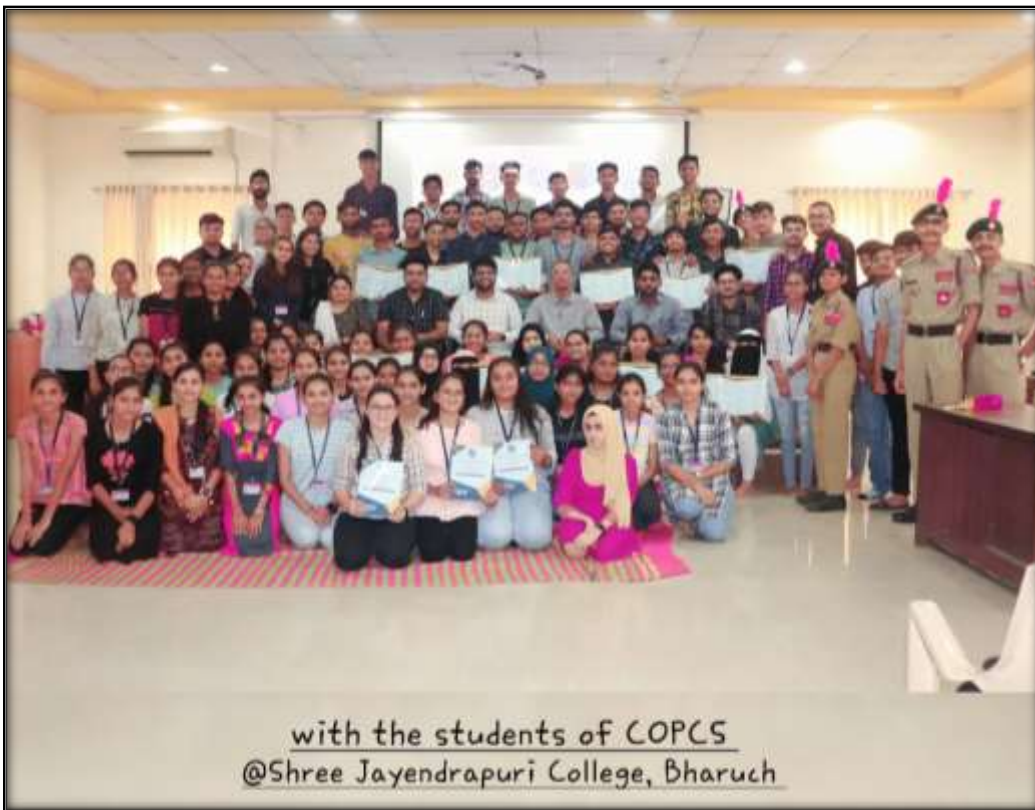
Students were encouraged to give presentations on topics of their interest. Special care was taken to provide proper information and guidance to students of COPCS so that they become aware and responsible towards their studies and prepare themselves for further studies and for their career purpose.

It can be said that this COPCS has been result oriented due to the involvement of the students and their positive response in the activities organized by this forum.

It is worth mentioning here that because of cooperation of principal Dr. N. M. Patel, Head of Chemistry Department Dr. K. N.Sarmah, Professors of Chemistry department and other departments of the college, the COPCS has been able to carry out useful educational activities.



## Glimpses of COPCS



with the students of COPCS  
@Shree Jayendrapuri College, Bharuch

## Excerpts of COPCS ~ 2020-21

### EXCERPTS

| <b>DATE</b> | <b>ACTIVITY / TOPIC</b>   | <b>SPEAKER / OBSERVERS</b>  |
|-------------|---|---|
| 9/07/2020   | Inauguration & Introduction of Career oriented program for chemistry students (COPCS) | Dr. N.M. Patel, Principal<br>Dr. M.P. Peerzada, Head<br>Dr. Ramchandra Parmar & Dr. N.B. Chauhan        |
| 11/7/2020   | Introduction of career & career options   | Dr. Paras H. Trivedi<br>Head, Electronics Dept.   |
| 18/7/2020   | Government jobs & preparation of competitive examinations                             | Dr. D.G. Adroja<br>Head, Physics Dept.  |
| 25/7/2020   | Basic principles of Inorganic Analysis  | Dr. N.B. Patel<br>Asso. Prof. Chemistry Dept.   |
| 31/7/2020   | Basic terms of electrochemistry   | Dr. J.J. Chauhan<br>Asso. Prof. Chemistry Dept.   |
| 8/8/2020    | Basic question of Inorganic chemistry for Competitive exam                            | Dr. K.N. Sarmah<br>Asso. Prof. Chemistry Dept.  |
| 14/8/2020   | MCQ quiz on chemistry & paper presentation of wide variety of topics by students      | Dr. Ramchandra Parmar<br>Asso. Prof. Chemistry Dept.<br>Dr. N.B. Chauhan<br>Asso. Prof. Chemistry Dept. |
| 21/8/2020   | Presentation by students of COPCS, VIZ, Mfg. process of chemicals                     | Dr. Paras H. Trivedi<br>Head, Electronics Dept.   |
| 29/8/2020   | Analytical Concepts in Chemistry  | Dr. P.J. Shah<br>Asso. Prof. Chemistry Dept.  |
| 5/9/2020    | MCQ quiz on chemistry & paper presentation of wide variety of topics by students      | Dr. M.P. Peerzada<br>Head, Chemistry Dept.  |
| 12/9/2020   | Test your knowledge of basic organic chemistry & Discussion on MCQs                   | Dr. Ramchandra Parmar<br>Dr. N.B. Chauhan   |
| 19/9/2020   | Basic concept of Inorganic Chemistry  | Dr. J.S. Parekh<br>Asso. Prof. Chemistry Dept.  |
| 26/9/2020   | Feedback session & Closing ceremony   | Dr. Ramchandra Parmar<br>Moderator  |

**All Sessions were conducted online using microsoft Teams.**

## Excerpts of COPCS ~ 2021-22

### EXCERPTS

| <b>DATE</b> | <b>ACTIVITY/ TOPIC</b>   | <b>SPEAKER /OBSERVERS</b>   |
|-------------|--|---|
| 22 Sep 2021 | Inauguration<br>Introduction of COPCS  | Dr. N.M. Patel, Principal<br>Dr. M.P. Peerzada, HOD<br>Dr. Ramchandra Parmar<br>Convener, COPCS   |
| 22 Sep 2021 | An Invited talk on<br>"Get, Set & Go...."  | Dr. Minal Dave<br>Associate Professor,<br>Gujarati Dept.  |
| 05 Oct 2021 | Career Prospects :<br>Students Perspective   | Dr. Paras H. Trivedi,<br>Head, Electronics Dept.  |
| 06 Oct 2021 | Basic Concept of<br>Inorganic Qualitative Analysis   | Dr. Jayendra J. Chauhan<br>Associates Professor<br>Chemistry Dept.                                |
| 12 Oct 2021 | A Discussion on selected<br>question of Organic Chemistry  | Ms. Mansi Raval<br>Ms. Mubassira Patel<br>(M.Sc. Sem-3 Students)                                  |
| 13 Oct 2021 | A Presentation on<br>Organic Compounds with<br>different functional groups   | Ms. Salvi Patel<br>(COPCS Member)   |
| 31 Oct 2021 | Start up & Entrepreneurship<br>Development.  | Mr. Rohit Dave<br>Ex. Manager, GSFC<br>Motivational Speaker<br>Students of M.Sc Sem-1             |
| 07 Jan 2022 | A Presentation on<br>Organic Qualitative Analysis<br>(Solubility behavior, Ignition and<br>Neu.FeCl <sub>3</sub> , test) | Students of M.Sc Sem-1  |
| 13 Jan 2022 | A Presentation on<br>Organic Qualitative Analysis<br>(Functional group tests,<br>Confirmative testes, Derivative)        |   |
| 21 Jan 2022 | Chemistry for Facing<br>Interviews & Competitive<br>Exams  | Dr. Jaimin Shah<br>Assistant Professor<br>Government Science<br>College, Dahej.                   |
| 24 Jan 2022 | Careers : for Science<br>Graduates   | Dr. D.G.Adroja<br>Head, Physics Dept.   |
| 28 Jan 2022 | Chemistry MCQS test<br>(Online)  | Dr. Ramchandra Parmar<br>Dr. Nilesh B. Chauhan  |
| 02 Feb 2022 | Understanding of Periodic table &<br>conversion reactions in<br>organic Chemistry  | Dr. Neeta Patel<br>Associate Professor,<br>Chemistry Dept.  |
| 04 Feb 2022 | Chemistry Quiz   | Dr. Ramchandra Parmar<br>Dr. Nilesh B. Chauhan<br>Dr. Paras H. Trivedi<br>Head, Electronics Dept. |
|             | Resume Making Workshop   | Compere : COPCS Member  |
| 14 Feb 2022 | Feedback Session & closing<br>Ceremony   |   |



## Excerpts of COPCS ~ 2022-23

### EXCERPTS

| <b>DATE</b> | <b>ACTIVITY / TOPIC</b>                              | <b>SPEAKER / OBSERVERS</b>   |
|-------------|--|--|
| 30/07/2022  | Inauguration of COPCS                                | Dr. N. M. Patel, Principal<br>Dr. K. N. Sarmah, Head, Chemistry Dept.<br>Dr. Ramchandra Parmar, Convener, COPCS<br>Dr. Nilesh B. Chauhan, Coordinator, COPCS |
| 05/08/2022  | Career guidance and counseling<br>(Resource Persons) | Prin. (Dr.) N. M. Patel<br>Dr. Paras Trivedi<br>Head, Electronics Department<br>Convener, COPCS  |
| 12/08/2022  | Basic Concept of Inorganic Qualitative Analysis      | Dr. J. J. Chauhan<br>Associate Professor<br>Chemistry Department   |
| 20/08/2022  | Understanding of Periodic Table                      | Dr. N. D. Patel<br>Associate Professor<br>Chemistry Department .   |
| 27/08/2022  | Self Study : Chemistry Questions - Answers           | Dr. Ramchandra Parmar, Convener, COPCS<br>Dr. Nilesh B. Chauhan, Coordinator, COPCS  |
| 03/09/2022  | Facing Yourself                                      | Dr. Paras Trivedi<br>Head, Electronics Department  |
| 10/09/2022  | Fundamentals of Chemistry : A model<br>Introduction  | Dr. Jaimin Shah<br>Chemistry Department<br>Government Science College, Dahej   |
| 12/9/2022   | Feedback Session                                     | Dr. Ramchandra Parmar,<br>Convener, COPCS  |
| 17/12/2022  | Fundamentals of Chemistry                            | Dr. Rahul Tailor<br>Assistant Professor<br>Chemistry Department .  |
| 24/12/2022  | Organic Chemistry : Questions - Answers              | Dr. Ramchandra Parmar,<br>Convener, COPCS<br>Dr. Nilesh Chauhan,<br>Coordinator, COPCS   |
| 30/12/2022  | Some Basic Concepts of Inorganic Chemistry           | Dr. Savan Patel<br>Assistant Professor<br>Chemistry Department   |
| 07/01/2023  | Presentation by COPCS students                       | Mr. Om Patel<br>Ms. Vaibhavi Mori<br>COPCS Students  |

## Excerpts of COPCS ~ 2022-23

### EXCERPTS

| <b>DATE</b> | <b>ACTIVITY / TOPIC</b>                         | <b>SPEAKER / OBSERVERS</b>   |
|-------------|---|--|
| 10/01/2023  | Segregation of waste materials                  | Ms. Chintal Tolat<br>President, Inner Wheel Club, Bharuch                  |
| 13/01/2023  | Awareness Program on 'Competitive Examinations' | Mr. Pranay Boradhara<br>Mr. Lokesh Jain<br>Liberty Career Academy, Bharuch |
| 21/01/2023  | Industrial Training                             | Mr. Alkesh Rana<br>Associate Director PR,<br>Jubilant Ingravia, Vilayat    |
| 27/01/2023  | Interview Techniques                            | Mr. Chintan Patel<br>Mr. Pradip Raj<br>VS Analytical Solution, Ankleshwar  |
| 03/02/2023  | Chemistry Quiz Competition                      | Conducted By<br>Dr. Rahul Tailor, Dr. Savan Patel                          |
| 10/02/2023  | Rethinking                                      | Dr. D.G. Adroja<br>Head, Physics Department                                |



## Swami Atulanandji Maharaj Amateur Astro Club (SAMAAC)

The Swami Atulanandji Maharaj Amateur Astro Club is run by the Department of Physics, Shree Jayendrapuri Arts and Science College. In this club whenever such Astrological events occur the participant meets to observe the event.



## Astro Club



## **JPC INNOVATION CLUB**

The office of the Commissioner of Higher Education, Gandhinagar has formed innovation clubs in 110 governments, 356 non-government affiliated colleges and 15 Gram Vidyapeeths for the noble purpose of enabling non-technical students studying in arts commerce and science colleges of Gujarat state to innovate. Through this club, maximum number of students of the state will be encouraged to creative ideas and prepared for startups, the main points of which are as follows.

To undertake various activities to solve local problems by local youth to provide new technology along with study in colleges at the local level which will benefit the experts, representatives of industries and experts in that field to develop the skills and authenticity of the students through the program.

Arts commerce and science students will learn block-based coding sensor circuits, smart devices *etc* like students of the technical stream.

Formation of a project committee at the State level office of the higher education commissioner and an innovation club committee at the college for implementation of the innovation club, innovation club will encourage innovation and research to take forward as much as possible as per the provision made in the new National Education Policy 2020. The innovation club started in our college on 24 January 2022.

Before the start of the Innovation Club, an online workshop and training program was held by I Hub Gujarat under the Student Startup and Innovation Program on 13 January 2021. Our college professor Dr. P. J Shah and Dr. D. G Adroja participated.

Basics of Vernacular Innovation Training was organized from 24 January 2022 to 23 February 2022 in which our college professor Dr. D. G. Adroja Dr. P. J Shah, Dr. N. B Patel and Bhopa Mohammad, YashUpadhyay, Kamini, Sunil Jangid and other special students got knowledge about block-based coding AmrutNavoSurjan software through online training.

On March 25, 26, 2022 two days Innovation Club Coordinators DIY KIT Training and Distribution workshop organized by Veer NarmadDakshin Gujarat University Surat our College Professor Dr. D.G. Adroja participated. The program was attended by members of various clubs from Bharuch, Dang, Narmada, Surat, Navsari, Tapi and Valsad districts. In this workshop State Coordinator Pvt. Malaben and VNSG University Ma. Chancellor Shri ChavdaSaheb guided the

entire program. 10 DIY KIT received by Gujcost Center Bharuch on 01 April 2022.

On 26<sup>th</sup> May 2022 a one-day Summer Induction Camp was organized at GovtVinyan College RaniparaJankaria where Doctor Nileshbhai Chauhan of our college and five students of Innovation Club participated. Students got training on DIY kit and learned to use it independently.

Dated 14<sup>th</sup> Oct. 2022 to 18 Oct. During the year 2022, a four-day Prophecy Level Training Program was held in the New Seminar Hall of our college, the students of the Innovation Club were given Prophecy Level Training in which the students were given extensive knowledge on the use of DIY KIT and training on the use of DIY KIT received from the Higher Education Commissioner Shri. Participated in training 15 Oct. Drones 2022 Students, as well as staff members, enjoyed flying drones under the guidance of KIT. Shri Bhavya Shah of Mathematics Department actively participated in the entire program.

Coordinator of JPC Innovation club in FDP 6 training program at KCG Ahmedabad from 2nd January 2023 to 7th January 2023 D.G. Adroja participated in this six-day workshop from 9 am to 5 pm with regular lectures on Student Startup and Innovation, instruction of kits and practical work and presentations of successful SSIP projects.

Dated 17 Jan 2023 to 7 Feb 2023 During 2023, Basics of Vernacular Innovation Innovation Training was organized in which the professor of our college Dr. D.G. Adroja, Dr. NB Patel, Dr. Rajesh Vyas and Dr. Dewayat Baku and about 40 students were registered and received online training of AmritNavsarjan software.

AmritNavsarjan software is an excellent application for block coding which students can use to create their own mobile applications and create various useful animations in the educational field, study related games and interactive animations and also various types of scientific applications by animating this software training program for all college professors. Getting and making more and more students aware of this is the direction from the Commissioner of Higher Education Shri.

On 30<sup>th</sup> January 2023 Innovation Club students were shown instructions on mechanical kits and students tried to make cars and bikes using mechanical kits.

On February 3, 2023, a meeting of the innovation club committee members was held under the chairmanship of Acharyashri in which the online training of

Amrit Navsarjan software was reviewed and Acharyashri requested the committee members to engage more and more students in innovation activities.



## Glimpses of Innovation Club





## Study Circle of Hindi Students (SCHS)

The Hindi language is very old and has a direct line of evolution to Sanskrit. As such it is part of one of the oldest religious and literary traditions in the world – traditions that have influenced other religions and works of art, whether we realize it or not. It is the preferred official language of India, although much national business is also done in English and the other languages recognized in the Indian constitution. In India, Hindi is spoken as a first language by nearly 425 million people and as a second language by some 120 million more. Hindi is our national language. To spread awareness study circle of Hindi organized various activities like Hindi Essay Writing, Hindi Elocution Competition, Hindi News Paper and Story Reading, Experts talks *etcevery* year.

**જન શિક્ષણ સંસ્થાન ભરૂચ અને નહેરૂ યુવા કેન્દ્ર દ્વારા**

# ભરૂચની જે.પી. કોલેજ ખાતે હિન્દી દિવસ સમાપન સમારોહ યોજાયો

ભરૂચ, તા. ૩૦

આઝાદીકા અમૃત મહોત્સવ અંતર્ગત જન શિક્ષણ સંસ્થાન ભરૂચ, નહેરૂ યુવા કેન્દ્ર ભરૂચ અને જયેન્દ્ર પુરી આર્ટ્સ એન્ડ સાયન્સ કોલેજનાં સાંનિધ્યમાં હિન્દી દિવસ પખવાડા ઉજવણી અંતર્ગત સમાપન સમારોહ કોલેજનાં સેમીનાર હોલ ખાતે પ્રિન્સીપાલ ડો. એન. એમ. પટેલનાં અધ્યક્ષ સ્થાને યોજવા માં આવ્યો હતો.

સ્વાગત પ્રવચનમાં પ્રાધ્યાપિકા અંબાબેન પટેલે યુવા પેઢીનું હૃદયપૂર્વક સ્વાગત કરી હિન્દીને જન ભાષા રાજભાષા અને રાષ્ટ્રિય ભાષાનો દરજ્જો અપાવવા યુવાધનને ટકોર કરી હતી પ્રાસંગિક પ્રવચનમાં પ્રાધ્યાપક ડો. એન. એમ. કલાર્થીએ ભારતીય ભાષાઓમાં હિન્દીની પસંદગી પ્રથમ છે. સાહિત્યિક ભાષા તરીકે તેનો વિકાસ થયેલ છે. સાહિત્યપિક ધરોહર હિન્દી વધારે છે. બોમ્બે



યુનિ.ના હિન્દી વિભાગનાં અધ્યક્ષ ડો. અરૂણકુમાર ઉપાધ્યાયનાં સર્વે અનુસાર વિશ્વમાં મંદારીન ચીની હિન્દી ભાષા પછી બીજા ક્રમે આપણી હિન્દી ભાષાનો ઉપયોગ થાય છે. સંભવતઃ વિશ્વમાં ૨૦૩૦માં દર પાંચ માણસે એક માણસ હિન્દી બોલતાં થઈ જશે. નહેરૂ યુવા કેન્દ્ર ભરૂચના જિલ્લા અધિકારી સુબ્રતો ઘોષે ૧૪ સપ્ટેમ્બરથી ૨૮ સપ્ટેમ્બર સુધી થયેલ કાર્યક્રમોની ઝાંખી રજૂ કરી હતી. અધ્યક્ષ સ્થાનેથી ડો. એન. એમ. પટેલે હિન્દીને

જન જનકી ભાષા ગણાવી તેનો મહત્તમ ઉપયોગ કરવા જણાવ્યું હતું. કાર્યક્રમમાં મહાનુભાવોનાં હસ્તે નિબંધે, વકતૃત્વ, કાવ્યલેખન ગાન સ્પર્ધામાં ભાગ લેનાર અને તેમાંથી પ્રથમ, દ્વિતીય, તૃતીય ક્રમે આવનારને તેમનાં હસ્તે પ્રમાણપત્રો અને ટ્રોફી અર્પણ કરી પ્રોત્સાહિત કર્યા હતા. અંતે જન શિક્ષણ સંસ્થાન ભરૂચની લાઈવલી હુડ કો.ઓર્ડિનેટર શિતલબેન ભરૂચાએ આભાર દર્શન કરી કાર્યક્રમની સફળતાને બિરદાવી હતી.

## SELF DEFENCE TRAINING FOR GIRL STUDENTS

Self-defence training is a life skill that helps girls to be more aware of their surroundings and be prepared for the unexpected at any time. Through the self defence training, the girls are taught to become psychologically, intellectually and physically strong enough to protect themselves in times of distress. Women's self-defense ultimately gives women freedom, as they are able to defend themselves against both mental, emotional and physical challenges. Women who are afraid to express themselves are confined by their fears. Instead, confidence builds freedom. Every year Shree Jayendrapuri arts and science college Gymkhana Committee organized the Self Defence Training for Girl Students.



## Glimpses of Self-defence training



## INTERNATIONAL YOGA DAY

The International Day of Yoga has been celebrated every year at Shri Jayendrapuri Arts and Science College on June 21.



# INTERNATIONAL YOGA DAY



# INTERNATIONAL YOGA DAY



## NATIONAL YOUTH DAY

National Youth Day, also known as Vivekananda Jayanti, is celebrated on 12 January, being the birthday of Swami Vivekananda. Every year Shree Jayendrapuri Arts and Science college celebrate the National Youth Day by performing the parade, speech on Swami Vivekananda, recitations, music, songs, conventions, Yogasanas, presentations, competition for essay-writing, seminar, sports and *etc.*



# NATIONAL YOUTH DAY





## PSYCHOLOGY STUDY CIRCLE

The department of Psychology actively runs the Study Circle of Psychology. The main objective this study circle is to focus on the mental health of the students. Study circle helps to develop the students as a person and professional. Study circle encourages members to think creatively and build strong communication skills which also help in refining understanding of the maerial.



## COOPERATIVE TRAINING PROGRAMME

**Cooperative Training Programme** is organized every year for the students of Economics in collaboration with Cooperative sector of Bharuch District. In this program, students get benefited by one-week training.

