

Best Practices of the college for Academic year 2019-2020

**Title:**

**Reinforcing Research skills for research at undergraduate level**

**Goal:**

1. To develop basic skills of research in the learners at UG level
2. To motivate the Faculty to design the activities that create interest and cultivate the basic research skills in learners at undergraduate level.

**The Context:**

1. The subject learnt at classroom level through conventional teaching learning methods engages the learners in subject, but achievement of higher orders of learning requires platforms with scope for critical thinking in learners. With this aspect in view, Departments are encouraged to initiate Research Activity at UG level as part of their Annual Action Plan.
2. The college has competent faculty across all streams actively involved in research, striving to cultivate research culture in learners by providing opportunities in emerging areas of research.
3. College has constituted a committee 'Research Development Cell' that promotes Research through programs and activities focused on Development of Research Skills.

**The Practice:**

1. RDC - IQAC: Adhering to SOP, Departments prepare proposals of research- based activities in consultation with RDC. Proposals are scrutinized by IQAC for meaningful outcome and forwarded to RDC. Certain activities of long duration such as periodical surveys and research projects are taken care by respective departments. The detailed report of those activities along with documents are submitted to IQAC after completion of that activity.
2. Strategic planning: Strategies for designing the projects/surveys/workshops /problems are developed at departmental level keeping in view the advanced competencies and market demands in respective fields.
3. HSNC Board's International Economics Convention: The International Economics Convention, a flagship research event of HSNC Board, is a unique and prestigious event. It is one- of- its- kind event, wherein students at the undergraduate level get an opportunity to indulge in research and present their analysis. Students of the College

participate in the event under the able guidance of the teachers from the Department of Economics.

An intra-collegiate workshop on 'Research methodology' and Selection of Research journals was organised focusing on art of scientific writing making the learners understand primary and secondary sources required for writing Research papers.

Learners are encouraged to participate in Intercollegiate Research Convention AVISHKAR, organised by University of Mumbai.

Research based assignments are designed providing platform to learners to explore their investigative skills required for research experiential learning. Interested learners from Under Graduate level register for the research program at the onset of the academic year.

A unique set of program 'M-Factor' develops the tactics of critical mathematical problem solving by newer methods.

Collaboration with Homi Bhabha Science Center CUBE program enhances the scope of exploring novel microscopic techniques for rare aquatic animals

Wall Paper display is used as a tool to explore uncommon plant species and gather relevant scientific information about the plant .

Comprehensive research based field project programs are designed under Teacher Guide

Department of Physics created platform to explore new topic under 'Unofficial Physics'. Learners select the modern trend topics, participate in discussion rounds and enrich their knowledge.

### **Evidences of success:**

Increasing participation of learners from all streams at undergraduate level in research- based activities is the key indicator of success. Learners got exposure to present their findings in conferences, intercollegiate research- based competitions. Awards in research competitions, Presentations and Publications in research journals also marked the sustained meaningful outcome.

### **Challenges faced:**

Difficulty in meeting the timeline of the projects as regular academic schedule and examinations are priority for Under Graduate learners.

### **Best practice 2**

#### **Title: Instillation of universal values through social outreach programs**

#### **Goal:**

1. Inculcation of the Universal values along with the classroom subject learning process.

2. To develop life skills among learners such as leadership skills, meaningful interventions, confidence building, team work spirit, integrity towards work, sensitization about social issues in the neighbourhood at a young age enabling them to become responsible citizens.
3. To develop empathy towards the under-privileged sections of the society, deprived of even basic facilities.

### **The Context:**

1. CHM College is situated in urban area having village localities in vicinity. Those are the underprivileged sections of the society deprived of even basic facilities including education.
2. CHM College managed by HSNC Board endeavour to create concern of inequality and inadequate basic facilities in the neighbourhood among the stake holders of college
3. College considers social responsibility as a integral component of education for learners to imbibe universal values while acquiring the subject related skills in classroom teaching learning process.
4. CHM has adopted a school Sharda Vidyamandir catering to education of unprivileged children and one village 'Vasat' about 12 km from college for uplifting the life skills of the villagers through knowledge dissemination as well as launching skill development programs for women in the village.

### **The Practice:**

College has intrinsic as well as extrinsic networking system that help to design and execute social outreach programs. There is a separate college committee 'Social Outreach initiative' to coordinate with IQAC, Departments and different associations such as DLLE, NSS, NCC WSC.

Rotract Club of CHM College, Unit of Rotary Club of Ulhasnagar, is established in college campus to inculcate social responsibility in learners by involving in designing and executing outreach activities. Social outreach committee converge with the outreach initiatives in adopted village and adopted school.

Pre-activity Mechanism: The social outreach committee aims to encourage the participation of learners and teachers in social development work mainly in neighbourhood community. Activities are designed in consultation with the Committee, and then forwarded to IQAC for approval. Final approval is obtained from Principal.

NSS unit of CHM consistently arranges Health check- up and Eye check- up camps in collaboration with Sarvanand Hospital Trust, Ulhasnagar, in Vasat and contribute to the welfare schemes run by the Panchayat.

In order to spread the awareness about importance of cleanliness and hygiene, NSS volunteers conducted Swachh Bharat Abhiyan, cleanliness drive Plog -Run at Ambarnath

Vocational Training centre for marginalised women in Vasat village was established by the college in collaboration with Rotary club of Ulhasnagar. 4 Sewing Machines were donated by Rotary club. Basic tailoring skills were imparted by learners of DLLE. Exposure to the Cloth bags made by the village women in Chandi Utsav rendered encouragement to the women.

Rotract club of CHM arranged collection drive of stationary material for the adopted school Sharda Vidyamandir. CHM Science stream Learners designed interesting science experiments to create scientific temperament in Students of adopted school. Collection drive of household utilities and grocery for flood affected people of Kolhapur and Sangli was again a significant activity of college.

Every year visit is arranged to old age Home 'Shantivan'. Present learners as well as Alumni join the visit.

Social Outreach Program also encompassed the research -based surveys for community benefit. Water Quality Survey in and around Ulhasnagar was conducted to gauge the drinking quality of municipal water and the geographical factors affecting the quality of water.

#### **Evidence of the success:**

Social Outreach initiatives were more converged at adopted village and adopted school. Number of activities organised at Sharda Vidyamandir were enhanced. A wide range of activities were conducted throughout the year. Variety of skill development programs specially meant for school children fetched appreciation from school administration. Number of Departments contributed to the initiative in their areas of core competencies by active participation of learner's. Thus, the activities floated over the entire College involving maximum departments and participation of learners from all streams.

#### **Challenges faced:**

1. Difficulty in getting prompt responses from underprivileged community.
2. Lack of education in underprivileged community creates barrier in communication.

#### **Institutional Distinctiveness**

The great visionary and guiding spirit of Smt. CHM College, late Smt. Chandibai Himathmal Mansukhani 'AMA'; firmly believed that Education is the means of assimilating the displaced Sindhi community into the main stream. With this belief and Vision, the HSNC Board established the Smt. CHM College in Ulhasnagar; the largest enclave of migrant Sindhi population in India. The Institution, started with the noble cause of fulfilling the educational aspirations of the Sindhi Community, believes that the conservation and revival of the culture,

language and traditions of the community is paramount to the identity of the people. The Institution is known for its efforts and accomplishments in this regard.

Smt. CHM College is one of the few colleges in India and the only college of HSNC Board that offers Sindhi as major subject at Final year Arts. To promote the language and its Literature amongst the younger generation, the College provides financial support to students opting for BA in Sindhi

The College also offers 'Literature in Sindhi' as elective subject at the Final Year B.Com. 58 learners opted for this paper in AY 2019-20.

The Government of India included Sindhi language in VIII schedule of constitution of India on 10th April 1967. In commemoration, 10th April is celebrated in college as 'Sindhayat Day'.

'Sindhi circle' of the campus is a forum for promotion and celebration of Sindhi Culture and traditions. Kavisammelan, Sindhi Mushairas, seminars and talks by literary scholars in Sindhi language, Sindhi Food Festivals performance of traditional Sindhi art forms are conducted under the aegis of the Sindhi Circle. Prominent personalities are felicitated, and talks on works of Singers, writers and poets of the past are a regular feature of the Circle.

The spiritual strength and values of Sindhi culture are preserved through programs such as Bhajan Prabhat, Peace rally where the entire institution and neighbourhood witness the glimpses of Sindhi culture.

Institution endeavours to retain the roots of the language in young generation.

"Inventory Softwares", the web based applications for correct Sindhi pronunciation, was incubated in the CHM Incubation centre by the students of the College, under the guidance of the Principal.

The college offers the Certificate Course: Sindhi Language Learning Course in association with National Council for Promotion of Sindhi Language (NCPSL), New Delhi under the aegis of Ministry of HRD, Govt. of India. The indigenously developed software was used for the course delivery. In 2019-20, 110 learners from CHM College enrolled for Sindhi Language Learning Course and appeared for examination conducted at CHM college centre.

The College is committed to the conservation of the traditions, culture and language of a large community which was uprooted during partition, having no territory of its own. The Institution is recognized for its concerted efforts to connect the Youth of the Sindhi community to their rich Language, Culture and Traditions.