Part A

What is the plan of action chalked out by IQAC in the beginning of the year towards quality enhancement and what is the outcome by the end of the year?

Inspite of facing a major natural catastrophe in July, 2005, Smt Chandibai Himathmal Mansukhani College, managed to bounce back and recover its glory. The college has always strived towards enhancing its academic and outreach activities, for which the following strategy was adopted.

- Identify the lacunae and their remediation
- Community based work/activities with student involvement
- Strengthen existing courses and gradually introduce Industry-need based courses to provide a competitive edge to students

Keeping in view the needs for an institution to constantly regenerate and upgrade itself the college has approached the issue in a very systematic manner. A Plan of Action has been formed. It is the first necessary step according to which parameters of its growth can be formalized—in terms of academics, research, infrastructure, social commitment, and overall personality development. The college has been working on—

- Augmenting the Remedial coaching for economically and academically backward students
- Enhancing Social initiative and commitment.
- Encouraging Research initiative and activities
- Due to International Collaboration of the Management, HSNCB, various international scholars visit the college and lecture series on various subjects are organized. These talks are very fruitful for the students in enhancing their knowledge.

As per the guidelines by NAAC for the creation of IQAC, the body has been created to internalize and institutionalize the Quality Enhancement. Thus, continuous improvement in entire operation of Institution will be achieved.

As per objectives / goals of college, the institute promotes academic excellence by providing new academic programmes at U.G. & P.G. level.

Various innovations in curriculum design were also introduced with the help of the college teachers, through the University Bodies. Examination reforms were introduced for preparing the students for exams.
Part B:

1. **Activities reflecting the goals and objectives of the institution.**

   The college has set its Mission and goals as follows:

   ✓ Academic excellence.
   ✓ Discover and develop students’ potentials and talents at all levels.
   ✓ Encourage creativity in students.
   ✓ Sensitize students to social, ethical, traditional, aesthetic and community based values.
   ✓ Instill social responsibility and commitment in the minds of students.
   ✓ Provide educational opportunities to the displaced communities of the holocaust of partition.

2. **New academic programmes initiated (UG and PG)**

   The college is conducting various academic programmes in all faculties for past several years. New academic programmes initiated earlier were strengthened during the academic year 2006 – 07 to provide the students better opportunities.

   **Under graduate level**

   A language laboratory approved by UGC under Xth five-year plan was set up. The academic plan was targeted to develop the communication and writing skill of the students in English and local languages like Marathi and Sindhi.

   Teachers of the department of English, Marathi and Sindhi are involved in monitoring.

   The excursions and industrial visits conducted by the Department of Microbiology, Botany and Zoology help to create awareness among the students regarding the applications of classroom teaching.

   The students of BMS, BMM and IT are also taken for visits to various industries and institutes to have a hands on learning process.

   Visiting faculties who are expert in their fields are regularly invited for sharing their knowledge with the students. This has helped students and teachers in the college to establish a healthy and beneficial relationship with the professionals/experts.

   **Post Graduate Level**

   The department of Microbiology conducts programmes leading to a Masters degree by papers as well as by research while the department of chemistry has been conducting Masters Programme in Organic chemistry. Ph.D programmes are a feature of the departments of Microbiology, History and Hindi. The department of Physics was recognized by the University of Mumbai for Research degree.

   New academic programmes initiated during the academic year 2006-07

   The department of Botany was granted approval to start research programme, following which the process of enrollment of students for M.Sc (Research) & Ph.D courses was begun.
3. **Innovations in curricular design and transaction.**

The human resources of the college has always played an active role in curricular design and transactions. Teachers have been participating at various levels in curriculum designing and discussing.

Many of our senior teachers have consistently participated as a member of Board of studies and other academic bodies at the University of Mumbai.

- Prof. B D Chakradeo of the Physics department conducted a number of workshops for science teachers for Effective science teaching using teaching aids and demonstrable experiments in classroom.

- Prof. (Mrs.) S R Bhagwat, Department of Microbiology, a member of Board studies in Microbiology, was also the convener for revision of syllabus for the FY BSc, A/C Biotechnology (TY BSc) course as well as the member of syllabus committee for M Sc (Part II).

- Dr. Padma Deshmukh, Ms Pooja Gupta and Mr. Ravishanker Babu conducted a seminar on Current Trends in Clinical Research as prelude to introducing a Advanced Certificate Course in Clinical Research. The seminar was attended by more than 350 students from the field of biological sciences, pharmaceutical sciences and chemistry. Expert speakers from the industry were invited for the same.

- Mrs. J. S. Ozarkar, Vice-Principal was appointed as Advisor to the Sahitya Vedh, organized by University of Mumbai.

- Principal Dinesh Panjwani is a member (March 2007 onwards) of the Planning & Programming Committee, Nehru Science Centre (Western Region) India.

4. **Inter – disciplinary programmes started.**

The College has taken initiatives to establish the inter – disciplinary links of various related disciplines for the academic growth and integrity at the optional level various proposals are under way to introduce these programmes effectively in phased manner.

- An approval to start a language laboratory by UGC is the beginning of a vital interdisciplinary Programme. This is going to benefit the students of various disciplines.

- Biological Sciences have always shown an interdisciplinary approach in their exchanges of common techniques and topics.

- Department of Microbiology, Zoology and botany have the best-integrated approach with free access to the laboratory use for Biotechnological techniques and materials.

- Computer Science Department, Maths Department, Physics Department, I T. Department and commerce faculty have shown their inter disciplinary approach regularly with their teachers and students. The Co – ordination has been splendid because a large number of students and teachers are involved in these interactions.
Professional courses like BMS, IT, BMM and Computer Science have their study link well established. These programmes are both in house and at conducted at Kaivalydhram Lonavala from time to time.

Department of Economics encourages students of BMM, BMS, BCom to participate in their regular annual prestigious event of ‘Economic Convention’ organized by the HSNC Board for its all colleges. The response has been spontaneous and positive at all times.

Science Association, an established forum for Science faculty holds various activities and competition involving teachers and students of both degree and Jr. college. Various intercollegiate programmes are the important feature of the functioning of SA

Commerce and Arts forum organizes various activities to facilitate academic and extracurricular activities with all students of various departments participate regularly every year.

More such interdisciplinary programmes will be identified and initiated in future to enrich the integrated approach in the college.

5. **Examination reforms Implemented**

The college is conducting Examinations for all courses on a massive scale, systematically monitored by a statutory Examination committee consisting of a chairman and few selected teachers from all faculties.

For an effective functioning of the examinations, the performance of the students is the main focus. Various academic measures were implemented to prepare students for the examinations.

- Periodic class tests were conducted by respective subject teachers and evaluated from time to time to improve the performance of students.
- Seminars with audio visuals aids were presented by the students to improve their power to express effectively in their disciplines.
- Regular terminal, term end and preliminary examinations were conducted specially for the final year degree courses.
- Intensive Coaching and Intensive Interaction follows these examinations to allow the students to understand their limitations to and work upon it.
- The examination cell works almost round the clock to streamline the system effectively at all levels with complete confidentiality.
- The central assessment cell was set up for the assessment of answer books so that the results are declared in time.
- The time schedule is given to the students for the declaration of results.

6. **Number of candidates qualified: NET/ SET.**

NET = 06
SET = 18
7. **Total number of seminars/ workshops conducted.**

- A Seminar on “Current Trends in Clinical Research” was conducted by the Department of PG ADMLT for the benefit of Final year students. The seminar was attended by more than 350 students from various faculties and was intended to introduce Clinical Research as a career option.

- The Department of PG ADMLT also conducted a three day workshop on Micro techniques for the M Sc (Zoology) students, Teachers and PG ADMLT students of various colleges. The workshop provided a hands on training to the participants.

- Seminar for History Students by Dr. Christopher Ward, Clayton State University, Atlanta, Georgia on “Women Empowerment in American Con Certificate Course in Gandhian Values in the Development of Leadership among the Community University Youths from 21\textsuperscript{st} September, 2006 to 3\textsuperscript{rd} October, 2006 for Police Personnel of Ulhasnagar Zone IV & Journalists.

- Certificate Course in Gandhian Values in the Development of Leadership among the Community University Youths from 29\textsuperscript{th} October, 2006 to 5\textsuperscript{th} November, 2006 for NSS Unit of the Smt. CHM College (135 students) at Pimpoli Village Badlapur.

- Three-Day Workshop on “Understanding Gandhian thoughts & Practice for College teachers of University of Mumbai from 13\textsuperscript{th} October to 16\textsuperscript{th} October, 2006 at Kaivalyadham, Charni Road, Mumbai.

- “Vande Mataram” recitation on 7\textsuperscript{th} September, 2006 for 11,000 students of the college.

- Three-Day Workshop for Women Corporators of Ulhasnagar Municipal Corporation, Ambernath, Badlapur & Karjat Municipal Council on 29\textsuperscript{th} November, 2006 to 1\textsuperscript{st} December, 2006 on Women’s Empowerment through Gandhian Thought and Practice.

- Sarva Dharma Prathana – Shahid Diwas on 30\textsuperscript{th} January, 2007 at Rajabai Tower, University of Mumbai. The Programme was attended by 200 students.

- Workshop on Women’s Empowerment through Gandhian Thought and Practice on 29\textsuperscript{th}, 30\textsuperscript{th} November and 1\textsuperscript{st} December 2006 for Elected women’s representatives.


- One Day Workshop on “Health Awareness for Teenagers” on 11\textsuperscript{th} January 2007 for student of WSC.

- Organized Meet The Author Series: Poet Chandrashekhar Sanekar, September 2006

- Organized Intercollegiate Workshop for Students of SYBA 2006-07

- Organized Intercollegiate Workshop for students on Recent Trends In Biological Sciences

- Organized Workshop for Pharmacy College Students & Teachers on ‘Clinical Experimentation in Pre Clinical Studies’

- Syllabus based Intercollegiate Workshop for teacher in collaboration with University of Mumbai, 2006
8. **Research projects**

A) Newly implemented

**Research Projects**

During 2006 – 07, the following Research Projects were in progress

**A) Newly Implemented:**

<table>
<thead>
<tr>
<th>YEAR</th>
<th>DEPT.</th>
<th>TITLE</th>
<th>NAME OF THE INVESTIGATOR</th>
<th>UOM</th>
<th>UGC</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>Microbiology</td>
<td>Bioremediation of Mercury from waste water using biofilm made up of Mercury resistant organisms isolated from Thane Creek</td>
<td>Dr. Padma V. Deshmukh</td>
<td>Rs. 20000/-</td>
<td>-</td>
</tr>
<tr>
<td>2006</td>
<td>Microbiology</td>
<td>Proteomics of Proteases</td>
<td>Ms. Meena Mengrajani</td>
<td>Rs. 10000/-</td>
<td>-</td>
</tr>
<tr>
<td>2006</td>
<td>Microbiology</td>
<td>A comparative study of the effect of the herbal combination on the planktonic and biofilm associated organisms.</td>
<td>Dr. Bela N. S. Nabor</td>
<td>-</td>
<td>Rs. 81,000/-</td>
</tr>
<tr>
<td>2006</td>
<td>Botany</td>
<td>Phytochemical Analyses</td>
<td>Dr. S.V. Namboothiry</td>
<td>Rs. 20000/-</td>
<td>-</td>
</tr>
<tr>
<td>2006</td>
<td>Botany</td>
<td>Rhizosphere fungi</td>
<td>Dr. Sharda Vaidya</td>
<td>Rs. 22000/-</td>
<td>-</td>
</tr>
<tr>
<td>2006</td>
<td>Physics</td>
<td>Use of Magnetic Fluids in Applications of Electrical filters-----</td>
<td>Dr. Milind Vaidya</td>
<td>Rs. 20000/-</td>
<td>-</td>
</tr>
<tr>
<td>2006</td>
<td>Psychology</td>
<td>Effect of yoga on mental health</td>
<td>Aarti Pasarkar</td>
<td>-</td>
<td>Rs. 55,000/-</td>
</tr>
<tr>
<td>2006</td>
<td>Psychology</td>
<td>Effect of Family Environment and Parenting on Adolescent’s edjacements</td>
<td>Jayshree Panicker</td>
<td>Rs. 8000/-</td>
<td>-</td>
</tr>
<tr>
<td>2006</td>
<td>History</td>
<td>Role of Sadhu vaswani for Sindhi community</td>
<td>Renu Sachdev</td>
<td>Rs. 5000/-</td>
<td>-</td>
</tr>
<tr>
<td>2006</td>
<td>Commerce</td>
<td>Recruitment process in service sector in india</td>
<td>Bharti Premnani</td>
<td>Rs. 20000/-</td>
<td>-</td>
</tr>
</tbody>
</table>

Major Research Project sanctioned by the Department of Biotechnology jointly to the University of Agricultural Sciences, Dharward and Smt C.H.M. College on Exploration
of the Molecular Diversity and Insecticidal spectrum of the isolates of Bacillus thuringiensis of the Western Ghats of India and the NE hill regions, Establishment of Repository at university of Agricultural Sciences, Dharwad and cloning novel Insecticidal genes. The Principal Investigator is Dr. Bela Nabar

B] Projects Completed

<table>
<thead>
<tr>
<th>YEAR</th>
<th>DEPT.</th>
<th>TITLE</th>
<th>NAME OF THE INVESTIGATOR</th>
<th>UOM</th>
<th>UGC</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004-06</td>
<td>Microbiology</td>
<td>Screening of Azotobactor for production of IAA &amp; Gibberelins and its effects on plants</td>
<td>Ms. Meena Menghrajani</td>
<td>-</td>
<td>Rs.67,000/-</td>
</tr>
<tr>
<td>2004-06</td>
<td>Botany</td>
<td>To Develop Medicinal Garden in College</td>
<td>Dr. B. Motwani</td>
<td>-</td>
<td>Rs.42,000/-</td>
</tr>
<tr>
<td>2005</td>
<td>Psychology</td>
<td>Personality profile of distance learners</td>
<td>Ms. Vandana Mane</td>
<td>Rs.8000/-</td>
<td>-</td>
</tr>
<tr>
<td>2005</td>
<td>Microbiology</td>
<td>Characterization of Dye effluents</td>
<td>Dr. S. N. Patel</td>
<td>Rs.30,000/-</td>
<td>-</td>
</tr>
<tr>
<td>2005</td>
<td>Economics</td>
<td>Kudumbshree - Tool for Empowerment of poor Women</td>
<td>Mrs. Indira Nair</td>
<td>Rs.19,000/-</td>
<td>-</td>
</tr>
<tr>
<td>2005</td>
<td>Sindhi</td>
<td>Sindhi Natak aur kala ke Mujehra</td>
<td>Ms. Sandhya Kundnani</td>
<td>Rs.16,000/-</td>
<td>-</td>
</tr>
</tbody>
</table>

C] Ongoing Projects

<table>
<thead>
<tr>
<th>YEAR</th>
<th>DEPT.</th>
<th>TITLE</th>
<th>NAME OF THE INVESTIGATOR</th>
<th>UOM</th>
<th>UGC</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>English</td>
<td>Cultural Landscape of Orrissa….</td>
<td>Dr. Deepa Mishra</td>
<td>-</td>
<td>Rs.25,000/-</td>
</tr>
<tr>
<td>2005</td>
<td>Mathematics</td>
<td>Value at Risk ( VaR</td>
<td>Ms. Urmilla Pillay</td>
<td>Rs.20,000/-</td>
<td>-</td>
</tr>
<tr>
<td>Year</td>
<td>Subject</td>
<td>Project Description</td>
<td>Investigator</td>
<td>Grant</td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>-------------------------------------------------------------------------------------------------------------</td>
<td>--------------</td>
<td>-------</td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>Physics</td>
<td>Study of Solar Winds and its interaction with earth’s magnetosphere.</td>
<td>Dr. Meena Khanna</td>
<td>Rs.65,000</td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>Physics</td>
<td>Magnetic properties of ferrofluids having substituted rare earth iron garnets &amp; mixed ferrites</td>
<td>Dr. Milind Vaidya</td>
<td>Rs.89000</td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>Physics</td>
<td>Optical properties of Transition metal doped TiO2 for photocatalytic application</td>
<td>Kavita Bajaj</td>
<td>Rs.63,000/-</td>
<td></td>
</tr>
</tbody>
</table>

9. **Patents generated, if any.**

None

10. **New collaborative research programmes.**

The Department of PGADMLT lent their expertise for identification of culture isolates to students of M.Pharm.

Consultancy in terms of expertise in Microbiology is provided to the Thane Municipal Corporation for purification of the Upvan lake, a site which has been identified as tourist Center.

One M.Sc. student is being sponsored by the TMC for carrying out the Microbiological Investigations.

The Department of Physics has also established collaboration with the University of Pondicherry for research activities.

Air Quality Monitoring Project under the SAMP sanctioned by the MPCB has been continued.

11. **Total research Grants Received from various agencies.**

Grants are received from University of Mumbai & UGC for Projects.

A grant of Rs. 5,00,000/- from the DBT for the Major Research project.

A grant of Rs.4,40,000/- from the MPCB for the SAMP project.

12. **Number of research scholars.**

There are 03 candidates working towards their Ph.D while 02 students completed their Ph.D under Dr. Surendra Prasad, 02 for M.Phil (Mumbai University) and 02 each for Ph.D and M.Phil (YCMOU) in the subject of Hindi. There are at present 08 students working towards the completion of their M.Sc. degrees and 02 doing their doctorates in the Department of Microbiology.
Sindhi Department is a recognized Ph.D. center, but at present no candidate is registered as there is no supervisor recognized for guiding in research.

In the Department of Physics Dr. Milind Vaidya is a recognized Ph.D. guide while Dr. [Mrs.] Khanna and Dr. Vivek Kale have been granted permission to enroll M.Sc. students under their supervision.

13. **Citation index of faculty members and impact factor.**

The work of the following teachers have been cited by different research workers in their theses or at different points.

Dr. Milind Vaidya (Vice Principal)
Mrs. Jyotika Ozarkar (Vice Principal)
Dr. S. N. Patel (Microbiology)
Dr. P. V. Deshmukh (Microbiology)
Dr. Nabar (Microbiology)
Dr. Bhavna Motwani (Botany)
Dr. Aruna Rai (Botany)
Dr. Sharda Vaidya (Botany)

The viva voce of Mrs. Suhasini Asokan for her Ph. D., Which is pending due to technical reasons and the untimely demise of her guide Dr. Mrs. R. M. Bhatt is now being taken care of by Dr. P. V. Deshmukh.

14. **Honors/ Awards to the faculty.**

Mr. Nitin Arekar has been awarded with Karjat Bhushan Puraskaar in the year 2007.

Mr. Nitin Arekar has been awarded with Best Teacher Award by Lions Club Karjat in the year 2006-2007.

Mr. Nitin Arekar is appointed as Member of Disaster Management Committee by Karjat Municipal Council.

Dr. Surendra Prasad has 01 paper publication and 01 presentation to his credit.

Prof. Kamal Joshi was appointed as a Judge at the National Children’s Science Congress organized by NCSTC, Govt. of India. She was also a subject expert on the University Selection Committee. She was an examiner for the MPSC.

Prof. Yogini Bhambardekar has 02 paper publications to her credit.

A number of teachers have presented papers at various seminars and conferences. Teachers have also been updating their knowledge through refereshcer courses.

Prof. Charanjit Kaur was awarded Ph.D in English.
15. **Internal resources generated:**

The college management internally generates funds through college development funds. Introduction of unaided courses, professional courses, and vocational courses helps in raising the internal resources.

16. **Community Services**

- The College worked consciously for enhancing the community interaction through vibrant approach this activism helped college in mobilizing students and community for need based community programs.
- Active Cooperation between the UMC, SDO and Police Department resulted in Community based Cultural Programs on the line of National Level Republic day program on 25th and 26th January. in this program thousands of people assemble to watch the programs presented by the students of almost 100 institutions of the Ulhasnagar city.
- The college has taken initiative in beautifying the lake at Thane, Thane Municipal Corporation assigned the bio-remedial project under the consultation of Microbiology Department of our college. It has helped to reduce the expenditure to great extent.
- College has also adopted ‘shantivan’ oldage of leprosy home at Panvel and Donates Proceedings from ‘Annual Festival Chandiustav every year. In the range of 75,000/- to 1 lakh
- The college undertakes community based rehabilitation by adopting institution from under privileged sections of society.
- Civic responsibilities are generated by organizing rallies, awareness, Thalessemia Detection, Pulse Polio, Cleanliness through various NGOs. Around 600 students were screened for Thalessemia during the camp held by Thalessemia Foundation in January, 2007.
- Blood donation camps are regular feature of the college under NSS and NCC. Around 400 students participated in the camp held in January, 2007.
- Under the Adult Education Programme of the WSC, the College has motivated and sponsored more than 600 women to take up mainstream education again by appearing for the Preparatory Examination of YCMOU
- In Nov. 2006, Deccan Queen was set on fire at Ulhasnagar station by antisocial elements. Our College students helped the affected people and handled the situation with great sensitivity
- Our student Jitendra Kaparwan attended a 07 days residential “Youth Personality Development Camp” organized by Mumbai Sarvodaya Mandal in May, 2006.
- A number of our NSS students have actively participated in various programmes on “Communal Harmony and National Integration” organized by colleges and organizations.
- The NSS unit of the college conducted a “Leadership Training Programme” for Thane district on behalf of the University of Mumbai.
✓ The NSS unit of the college co-ordinated with their counterparts of other colleges for various activities and programmes and gave ample opportunities to students to showcase their potentials at all levels.

✓ NSS Day was celebrated on 24th September, 2006 by organizing Zonal level activities. Prof. Daksha Halkare NSS P.O. of Adarsh College, Badlapur, the chief guest spoke on “Mental Health”.

✓ The NSS unit in association with the UGC sponsored WSC and the NGO Akshara organized a district level programme on “Gender Justice” through films and discussions in December, 2006.

✓ 30th January, 2007, the Martyr’s Day was observed by the college by organizing a Bhajan Prabhat at the Convocation Hall in co-ordination with the University of Mumbai.

17. Number of teachers and Officers newly recruited.
   Number = 02 + 11(CHB)

18. Teaching – Non teaching staff ratio.
   Ratio = 113/126 =0.90

19. Improvements in the library services.
   Number of New Books & Journals have been added in the Library and Internet facilities are available to the teachers & students in the Library.

20. Number new books / journals subscribed their value.
   Additions made in the year 2003-2004
   New Books = 3257 Amount = Rs. 10,93,877/-
   New Journals = 106 Amount = Rs. 21,518/-

21. Number of courses which student assessment of teachers is introduced and the action taken on student feedback:
   Report of Feedback, attendance and Discipline Committee

Feedback

✓ At the end of each term, feed – back performa is given to the students to be filled in for every teacher, teaching in their class

✓ The said Performa are given to respective teachers for self-introspection and necessary corrections and implementation.

✓ The student’s identity is not revealed in any manner, in the said Performa.
Attendance
✓ Attendance for each and every lecture by respective teacher is taken in the class in the muster roll.
✓ Monthly attendance record subject – wise compiled in the consolidated sheet and the list of defaulter students is displayed on the notice board by the concern authority.
✓ Parents meeting is called for such defaulters at the end of the first term and undertaking’s are taken from them regarding punctuality of their wards.
✓ This procedure has helped to enhance the attendance in the class and so do the performance in their examination results.

Discipline
✓ Identity card for each student is issued and is made compulsory to be worn around their neck before entering the main gate of the College Campus.
✓ No class was allowed to go free even in the absence of the concerned teacher.
✓ No student is allowed to loiter in the corridor, when the lectures are going on.
✓

22. Unit Cost of Education.
Amount = Rs. 2,259.8 and Rs. 16,490.9(with staff salary)

23. Computerization of administration and the process of admissions and examination results, issue of certificates.
Administrative mechanism is computerized and so is the process of admission and examination and issue of certificates. Every department has been provided with computers and printers.

24. Increase in the infrastructural facilities.
✓ Separate Biotechnology laboratory set up.
✓ Construction of a Group Discussion room.
✓ Additional classrooms
✓ Additional Computer laboratory

25. Technology upgradation.
✓ Peer to peer network.
✓ Internet facility.
✓ Uninterrupted power supply through installation of centralized UPS for computer
laboratories.

✓ Thirty more computers have been added to the computer laboratories and wherever else needed.

✓ Instrumentation set up enhanced as per requirements.

26. Computer and internet access and training to teachers and students.

The college offers degree course in Computer Science & I.T. Departments are provided with computer to help Teachers and Non-teaching staff. Internet facilities are available in the College Library and the IT & Computer Science department.

27. Financial aid to students.

The number of students availing themselves of the SAF and EBC facilities has shown a marked increase. 352 students availed of the EBC facilities and the amount for this purpose was Rs. 1,09,638(SAF) & Rs.95,230(Rs.45,509 yet to be received)(EBC). The number of students who have been awarded the open merit scholarships has also gone up.

28. Activities and support from Alumni Association.

Various alumni were contacted and they have promised to provide assistance in various forms, financially as well as by providing job opportunities to the students.

29. Activities and support from the Parent Teacher Association.

Some of the teachers are parents of the students and therefore an informal interaction takes place between parents & teachers and the teachers receive opinion and guidance from them.

30. Health Services.

Blood Donation Camp:

College NSS unit and NCC unit jointly organized Blood Donation Camp. The propaganda resulted in the good number of flood donors turn out. The camp was conducted by the BYL Nair Hospital Blood Bank. A large number of faculties came forward to take part in the drive.

Thalasseamia Detection and counseling

‘Thalasseamia major’ is a fatal disease, found in the residents of Ulhasnagar. This disease inherited by children of Thalasseamia minor parents. It is therefore very
essential for a marriage aspirant to know whether she or her partner is a Thalassemia minor. This deadly disease can be checked by some awareness and precautions.

Anemia is another disorder of very common especially amongst girls, though not serious initially, leaves very deep impact on person’s performance.

31. Performance in sports activities.

- “Best Player of India” in Junior Ball Badminton Championship- 2006-07
- National Level: “strong women of India” title at All India
- Inter University Power Lifting Competition-2006-07Gymkhana

Achievements 2006-07

<table>
<thead>
<tr>
<th>Game</th>
<th>University of Mumbai Medals</th>
<th>Select ed for Inter Univ.</th>
<th>Medal s at Inter Univ</th>
<th>Selected for State Tournament</th>
<th>Medals at State</th>
<th>Selected for National</th>
<th>Medals at National</th>
<th>Selected for Inter National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Lifting</td>
<td>Gold – 05 Silver- 05 Bronze - 01</td>
<td>04</td>
<td>Gold – 01 “Strong Women Award”</td>
<td>06 “Strong Women Award”</td>
<td>Gold – 03 Silver- 02 Bronze – 0</td>
<td>06</td>
<td>Gold – 02 Silver-01 &amp; Strong Women Award</td>
<td>02</td>
</tr>
<tr>
<td>Ball-Badminton</td>
<td>Gold – 20</td>
<td>11</td>
<td></td>
<td>42 Silver -16</td>
<td>05</td>
<td>Gold –03</td>
<td></td>
<td>01</td>
</tr>
<tr>
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<td>Yoga</td>
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<td>23 Gold- 01 Bronze – 01</td>
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<td>Weight Lifting</td>
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<td>Taekwondo</td>
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IQAC ANNUAL REPORT FOR 2006-2007
32. **Incentives of outstanding sportsperson.**

**FACILITY AND INCENTIVES FOR BETTER & HIGHER ACHIEVEMENTS:**

Excellent infrastructure facilities have been provided for motivating talent. As a measure to improve the performance following measures are taken:

- All students who turn up for regular practice are given Diet Allowance of Rs.200/- (university level) and Rs. 300/- (state level) per month. This is provided till the date of the tournament or a maximum period of seven months.
- These students have been provided modern equipments for the use.
- To hone the skills of the budding performers we have appointed qualified coaches for Athletics, Football and Yoga. Their services are available throughout the practice session.
- Railway concessions are provided to students going for advanced training and or attending coaching camps in and around Bombay city limits.

33. **Student achievements and awards.**

- In 2006-07 the College bagged 07 ranks in the University academic merit list in various faculty, the only college from outside Mumbai region to obtain first rank and 3rd in overall ranks in the University of Mumbai.
- Special merit shown in Cultural Events at University Level and above (Zonal / National / International Level) by the students of the college
- University Level- 02 Prizes (2nd Prize in Theatre Event, 3rd Prize in Fine Arts)
- State Level – 01 Prize (2nd Prize in Elocution Competition)
- Winner at State Level Elocution competition organized by Acharya Marathe College (2006-2007)
- Runners up at state Level Elocution competition at Sonubai Baswant College.
- College won 13 prizes at Intercollegiate Kiran Festival organized by K. C. College, Churchgate, Mumbai. (2006-2007)
- College won 1st prize and 3rd Prize at Intercollegiate Singing Competition organized by Ruia Girls College, Charni Road, Mumbai (2006-2007) and an Overall Championship Trophy

**Youth Festival:**

- Silver Medal at University Level Competition won, who won Gold Medal at Zonal State and National Level for Mimicry– 2006 representing
University of Mumbai.

✓ College students participated in Boogie Woogie Dance Competitions on SET Channel and won it in 2006
✓ College was invited to participate in opening program of Channel “Me Marathi” – De Danadan. College was winner of the said Intercollegiate Competition – 2006
✓ College was invited on E-TV Marathi Channel to participate in Dance Competition ‘Full to Dhamaal’ – 2006

Academic Merit:
1. Sahasrabududhie Ojas R       TY BSc          9th Rank at the University
2. Rupani Kirti P                       TY BA           5th Rank at the University
3. Khatwani Geetu S               TY BA           1st Rank at the University
4. Israni Chetna K                     TY BMM       2nd Rank at the University

34. Activities of the Guidance and Counseling Unit.
   The College has so far not established formally the guidance and counseling unit as such, but the needs for guidance and counseling of the students and children of the teaching and Non – teaching staff are taken care by the Psychology Department of the college. This department has always been the basic serene of Psychological counseling and guidance for the students.
   With reference to academic matters the teachers do counseling to their respective students. The academic counseling focuses on a) Interest of the student, b) General awareness about the subject, and c) Career options offered by the subject.
   The department of Psychology offers expert, specialized counseling. They have conducted I Q tests and offered personal counseling to many students, referred by other teachers.
   The department of Psychology also organizes workshop & seminars, in which practicing Psychologist are invited as Guest speakers.

35. Placement services provided to the students.
   Large Number of students have been placed in corporate, government and private sectors. Prof. Kishore Peshori co ordinates the process.

36. Development programme for non – teaching staff.
   The Computer Department arranges short term courses to train the non-teaching staff in computer proficiency
37. Any other relevant information the institution wishes to add.

Under the UGC IXth Plan All the Accounts have been settled to full utilization of grants received.

✔ Dr. Christopher Ward, Professor of History, Clayton State University, Atlanta, GA, U.S visited the college under the Faculty Exchange Programme.

✔ Shree Rajesh Khanna, Shri Suresh Wadekar were conferred the Gaurav Puraskar and Yugantar Gaurav Puraskar awards in 2006

✔ Organisation of Inter Collegiate Youth Festival - Zone V (Central Railway) August, 2006

✔ Deccan Queen Burning Issue – December – 2006: Verdict with Rajdeep Sardesai

✔ NDTV – 24 x 7 channel organized special discussion on International Economics Convention December, 2006

✔ CNN- IBN Channel created a special story on college for its helpful Golden Hand to the Deccan Queen Burning Issue – January, 2007
Part : C

Explain the plans of the institution for the next year.

Some of the areas like PTA, Alumni, Health services, Counseling, Consultancy, Patent are done on very informal level. Therefore they will be focus during the year 2007-2008 to make them into formal system.

Other areas are already established and run on the regular basis towards continuous improvement.

Plan under IQAC AND QAC for the year 2007 – 08.

1) Discipline of students: -
   ✓ No loitering of the students is the corridor Teachers to supervise while moving in the corridor.
   ✓ Lectures in the department to be adjusted for absent teacher in the department by other staff

2) Feedback from Students: -
   ✓ Feedback will be collected by the concerned teacher for analysis and solution
   ✓ Feedback proforma for each month to be collected and the result be analyzed as mentioned above.
   ✓ Generally regular students should be given the feedback Porforma to be filled in.

3) Attendance Record: -
   ✓ Monthly subject wise and class wise record of attendance to be maintained by every teacher.
   ✓ Monthly defaulters list for each class should be prepared by the attendance committee as was worked out earlier by all the faculties.
   ✓ Undertaking from parents and students for regular attendance incase of defaulter students.
   ✓ Teacher should take attendance for every lecture in the class itself.
   ✓ 75% attendance rule for preparing defaulter list should be followed strictly.
   ✓ The list of students availing free ship/Scholarship should be given separately to each Head of Department Class wise / subject wise. Signature of such students attending lectures to be recorded on separate sheet for every lecture for office record and submit the same to the attendance committee.
   ✓ Random checking of Roll call registers by the honorable principal
   ✓ Attendance record in the consolidated sheet should be filled up correctly by respective lecturer (Entering total number of lectures conducted on each page – and
initial at the bottom of each page with full name, full signature at least on last page for reference.

✓

**Add-on-Courses (offered under UGC X plan)**

**Science Faculty**

✓ Actuarial Science Optl & Mgmt (Certificate Course).
✓ Design of Maintenance of electric & electronic equipment(Certificate Course)
✓ Environment Audit (Certificate Course).

**Commerce Faculty**

✓ Family Business Management (Certificate Course).
✓ Secretarial Practice office Management (Certificate Course).
✓ Travel and Tourism Certificate.

**Faculty Improvement and Research Development Committee**

**Projections for the Academic year 2007 – 2008**

The following points have been projected for the next academic year:

✓ Research Centers will be enhanced

✓ Teachers need to be encouraged and assisted for participation in MRP. For the easy availability of the format, a copy of the MRP proposal should be made available

✓ A Seminar of 01 day to be held regularly, for presentations of the research work carried out by Research scholars as well as those who carried out a MRP. The presentations may be of 15 minutes duration each.

✓ A workshop to be arranged to enlighten the teachers regarding the format, rules and other relevant information for carrying out MRP, publishing their research work and also in the writing of Thesis. Resource persons from the UGC, University of Mumbai and experts in various fields may be invited for the same.

✓ A FIST proposal to be prepared

✓ Publications of some research articles in reputed Journals of standing is awaited.

✓ The Microbiology Department, with help and encouragement from the principal to apply for increase in the number of research seats.

✓ The ‘Ulhas Nullah’ will be considered for purification by the Microbiology Departments with help from the UMC. The Department of Geography will also be working in co – ordination with Microbiology Department.

✓ Plan of work of 01 student form History and 02 students from Microbiology approved for Ph. D. registration.
The department of Microbiology to extend their collaborative work so as to include some more industries.

Mrs. Sharada Vaidya, Mrs. Lali Rajan and Mr. Nitin Arekar on leave under the FIP scheme of the UGC.

**Guidance and Counseling Centre.**

This year college enhanced the Guidance & Counseling unit under the coordination of Psychology Department.

The Department proposes to prepare a brochure highlighting the activities of the center. It will be circulated and displayed in all the N. B., Library and Class Rooms.

This centre will offer its services for educational and vocational guidance to the students of neighboring institutions also. The centre will be operating with the help of ex-students of CHM colleges who are today practicing psychologist.

**Sports**

Whenever one speaks of University sports the name that comes up first in the mind is that of Smt. Chandibai Himmatmal Mansukhani College, Ulhasnagar, Such has been the shining performance of our students.

The achievements are more pronounced in the last couple of years to the extent that our College has unique destination of having about 4200 students in sports merit category to add a feather in the cap of the College our N. C. C. cadets too have carved a niche in the R. D. parade.

These achievements are certainly praiseworthy, as they have been achieved without any compromise on the academic front. We are all aware that year after year the academic excellence shown by our students is inching towards the pinnacle of success.

**PROPOSAL PLANS: (SPORTS)**

- To upgrade the athletic tracks.
- To activate the events like shot put, javelin throw, high jump, long jump.

**PROPOSAL PLANS: (N. C. C.)**

- To provide Obstacle and Endurance test field facilities.
- To introduce Rifle Shooting Range.
- To upgrade the Air and Naval Wings.
- To provide special library Grants for N. C. C. cadets.

**PROPOSAL PLANS: (N. S. S.)**

- To help the physically challenged students of the locality.
- To help the senior citizens within the vicinity of the college.
CHM Alumni Association

A) Proposed action plan during 1st quarter of 07 – 08.

**Action Plan proposed should work out as under:**

- Proposed get together in 1st / 2nd week of August.
- Wide publicity of the get together through:
  - Newspapers on News Item / letters to the editor.
  - If feasible on cable network, local and neighboring.
  - Letters to well placed and existing Alumni members
  - Notices on notice boards and classroom circulations.
  - College website.

Further action(s) to be discussed and informed.

**Guidelines: PARENTS TEACHERS ASSOCIATION**

An active Parent Teachers Association to be set up with regular feed backs.

**Resources required from the College**

- Conference or a big classroom with one peon required on the day of the meeting.
- Expenses towards snacks and tea for the parents on the day of the meeting to be given by the college.
- Telephone facility to contact the parents should be provided.

**HEALTH SERVICES**

- Yoga Awareness (Talk and Demonstration)
- Talks on various subjects by medically qualified experts. Creating health awareness
- Blood Group – Along with Blood Donation.
- Complete Medical Check up– for staff Members.
- One / Two Day Eye / Dental / Medical camp Depending upon availability of experts.

Name & Signature of the Coordinator IQAC

(Padma Deshmukh)

Name & Signature of the Chairperson QAC

(Dinesh Panjwani)