Baba Ghulam Shah Badshah University
Rajouri (J&K)

Notification

In exercise of the powers vested in him under Section 3(5) of the University Statutes as contained in University Calendar Volume – I, the Vice Chancellor has been pleased to approve the "Action Taken Report" for the year 2017 - 18 relating to Feedback Report on the curriculum design, on behalf of the Executive Council.

The above decision of the Vice Chancellor will be reported in the next meeting of the Executive Council of the University.

Deputy Registrar
(Academic Affairs)

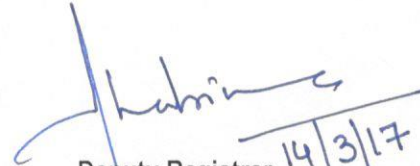**No. BGSBU/Acad/18/349**
Dated: 11-10-2018

Copy to:

1. All Deans of Schools of Studies
2. Director, Centre for Biodiversity / Centre for Hospitality & Tourism
3. Principal, SoET / Colleges of Nursing / University Polytechnic
4. Controller of Examinations
5. All Heads of Teaching Departments
6. Special Secretary to Hon'ble Vice Chancellor for the kind information of Hon'ble Vice Chancellor
7. PA to Registrar for favour of information.
8. Concerned file – Academic & Executive Councils reporting matters
9. Office copy

Office of the Deputy Registrar
(Academic Affairs)
Baba Ghulam Shah Badshah University
Rajouri (J&K)

Office Memo

The Vice Chancellor, in exercise of the powers vested with him under Section 3(5) of the University Statutes as contained in University Calendar Volume – I, has approved the Action Taken Report for the year 2016 - 17 with regard to Feedback Report on the curriculum design, on behalf of the Executive Council. The above decision of the Vice Chancellor will be reported in the next meeting of the Executive Council of the University.

Deputy Registrar 14/3/17
(Academic Affairs)

No. BGSBU/Acad/17/ 122
Dated: 14-03-2017

Copy to:
1. All Deans of Schools of Studies
2. Director, Centre for Biodiversity / Centre for Hospitality & Tourism
3. Controller of Examinations
4. All Principals, SoET / / University Polytechnic / Nursing Colleges
5. All Heads of the Departments
6. Special Secretary to Hon'ble Vice Chancellor for the kind information of Hon'ble Vice Chancellor
7. PA to Registrar for favour of information.
8. Office file

Baba Ghulam Shah Badshah University
Rajouri (J&K)

Deputy Registrar
(Academic Affairs)

<u>Notification</u>

It is notified that the Vice Chancellor, in exercise of the powers vested with him under Section 3(5) of the Statutes of the University, Calendar Volume – I, has accorded his approval to the Action Taken Report for the year 2015 - 16 to Feedback Report of the Course Curriculum, on behalf of the Executive Council. The above action of the Vice Chancellor will be reported in the next meeting of the Executive Council.

Deputy Registrar 19/7/16
(Academic Affairs)

No. BGSBU/Acad/16/672
Dated: 19-07-2016

Copy to:

1. All Deans of Schools of Studies
2. Principal, SoET / University Polytechnic
3. Controller of Examinations
4. All Heads of Teaching Departments
5. Office copy

Ref. No.:BGSBU/PGDMS/17/339

Dated:15-03-2017

ACTION TAKEN REPORT

M. Sc. APPLIED MATHEMATICS

2013 – 2016

- **Student Feedback**

Action Taken : Not required
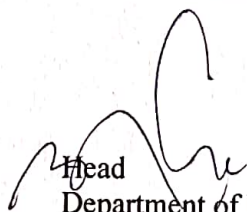
- **Faculty Feedback:**

Action Taken in BOS 2017:   On the basis of the above summarized feedback, two new courses have been added: (i) Lab Course on SPSS (MS – 403) (ii) Lab Course on Latex (MS – 305) Moreover, in many courses contents have been added, deleted, title changed etc.

- **Alumni Feedback**

   Action Taken: Not required

- **Parents Feedback**

Action Taken: **Not required**

Head
Department of Mathematical Sciences
BGSB University, Rajouri

Ref: NO BGSBU|Arb|17|2965   Dated: 27/03/17

Minutes of Departmental Meeting

A meeting regarding action taken based on the feedback received took place in the office of HoD, Arabic on 27th March 2017 at 11:30 A.M. The meeting was attended by the following members:

- Dr. Shams Kamal Anjum, (Head Arabic)
- Dr. Md Affan, (AP)
- Dr. Mohd Azam, (AP)
- Dr. Manzar Alam, (AP)

Based on the analysis of feedback received from various Stakeholders the following actions were taken in revision Curriculum:

1. The Department has added a paper namely Criticism because of its urgent need in accordance with UGC NET/ JRF and M. Phil and Ph. D Entrance, and it helps the student to analyze the textual material from primary sources as well as secondary sources, it also helps the students to go ahead with their target to probe and investigate their targeted research topics in their respective fields.

2. The Department has added Research Methodology in M.A Final Year on the bases of its peculiarity to find out the output of written text from the sources of Arabic languages and Literature.

3. The Department has combined three courses of translation Arabic-English and vice versa into two courses because of the language need based material.

4. The Department has combined two papers of Syntax and Morphology into one paper under some compelling circumstances.

5. Department has omitted computer from the course schedule due to wrecking the language and literature sphere

6. The Department has omitted the English subject from PG schedule due to its coherence with two papers of translation Arabic –English and Vice Versa

7. The Department has taken a step to start MAR-208 (CBCS) to enhance the interest area of the keen students and eagerly learning students so that it may create a deep relation with the UGC rules and regulations regarding aforementioned course.

8. The Department has created a vibrant educational atmosphere for its students and free environment to opt any course from the list has been prepared by the departmental teaching staff for the convince of the students

Head
Department of Arabic
BGSB University
Rajouri 185234 J&K

Department of Biotechnology
School of Biosciences & Biotechnology
Baba Ghulam Shah Badshah University,
Rajouri, J&K – 185234

Action taken report

Critical analysis of the feedback adopted by the BOS members includes:

1. With the consent of BOS members, syllabus revision was undertaken.

2. Suggestion regarding adequate instruments/equipments/glassware was put before BOS, 2016 and was accepted by the commit members and adopted accordingly.

3. Taking in view the space constraints in the department, it was not implemented in the past. But, within few days the two departments will get shifted to a newly constructed building which will lead requisite space for the conduct of theory and lab courses.

4. Taking a note of smart classrooms, after the departments are shifted one classroom will be fully functional as smart classroom having LCD projector along with necessary infrastructure.

5. Regarding organization of industrial visit, the department of Biotechnology discussed this proposal in BOS, 2016, the approval of which is awaited from university.

6. Regarding up gradation of library facilities, the departmental library has purchased excellent quality of books covering different components of course curriculum. The library is in the process of getting number increased of the books too.

7. With the consent of departmental members the canteen facilities were examined and it ensure canteen to meet food safety standards and its health and safety obligations.

Coordinator
Department of Biotechnology

Coordinator
BIOTECHNOLOGY
SBB, BGSBU, Rajouri -185234

Department of Botany
School of Biosciences & Biotechnology
Baba Ghulam Shah Badshah University,
Rajouri, J&K – 185234

Action taken report

Critical analysis of the feedback adopted by the BOS members includes:

1. With the consent of BOS members, syllabus revision was undertaken.

2. Suggestion regarding credit load of the project dissertation was put before BOS, 2016 and was accepted by the commit members and adopted in the revised syllabi accordingly.

3. Taking in view the space constraints in the department, it was not implemented in the past. But, within few days the department will get shifted to a newly constructed building having requisite space for the conduct of theory and lab courses.

4. Taking a note of smart classrooms, one classroom in the upcoming structured building will be converted into smart classroom having LCD projector and other necessary infrastructure available.

5. Regarding organization of trips, the department of Botany Since first batch has been organizing field trips to different spots of Rajouri Poonch region. To undertake a long duration exploration trip, the proposal was discussed in BOS, 2016, the approval of which is awaited from university.

6. Regarding up gradation of library facilities, the departmental library has purchased a good quality of books covering different components of course curriculum. The library is in the process of getting number increased of the books too.

Head
Department of Botany

Department of Civil Engineering
SoET,   BGSB University, Rajouri-J&K

Action Taken Report

Departmental committee has analyzed the feedback received from the various stake holders and the following actions has been taken in revision of Curriculum.

1. Proposal has been sent to the concerned authorities for providing facilities of ICT based classroom.

2. It has been proposed that library and Gate Classes will be incorporated in the Timetable.

3. It has been decided that for future revisions of course curriculum, experts from Industry will be made as members of BoS.

4. As recommended by the BoS More Elective courses has been introduced in 7th Semesters.

5. Syllabus of "Communication skills" has been updated keeping in view of the feedback received.

6. As recommended by BoS, More experiments have been introduced in Staad Pro Lab.

7. As per the industrial requirements, more experiments have been introduced in Geo-technical Engineering .

8. Minor revision have been done in Transportation Engineering Lab.

9. It was decided that for strengthening the college library, the department in coordination with SoET will go for purchase of books .

Signature of Committee members

Mr. Zishan Aslam (A.P)   Mr.Pervez Alam(A.P)

Mir Aijaz Ahmad (A.P)

Head Dept. Of CE
SoET,BGSB University
Rajouri

Department of Computer Science & Engineering
School of Engineering & Technology
BABA GHULAM SHAH BADSHAH UNIVERSITY
RAJOURI (J & K) – 185234
Ph. No/Fax No: - 01962-241016

No. BGSBU/DCSE/15/**305**   Date: **22/09/15**

Action taken report

1. Time slots were allotted to the students for performing practical. The students were divided in to groups for proper delivery of courses. Also, students were given flexibility to use the computer labs during their free timing.

2. As per the collected feedback, the contents of two subject's viz. "Artificial Intelligence and Cloud Computing" were updated in the Departmental BOS meeting held on 16/09/2015, to meet the latest trend and market demand.

3. A faculty mentor and student mentor were allotted to students

(Khalil Ahmed)
HoD

Head
Department of CSE, CoET
BGSBU Rajouri

Copy To:
1. Dean, SoET, for Information.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
School of Engineering and Technology, BGSB University
Rajouri (J&K) – 185234

Ref: BGSBU/SOET/ECE/16/_1012_   Date: 31|5|16

Minutes of Departmental Meeting

A meeting regarding Action Taken based on the feedback received took place in the Office of HoD, ECE on 30th May 2016 at 10:30 A.M. The meeting was attended by the following members:

1. Mr. Vishal Puri, Head ECE
2. Mr. Mehmood-ul-Hassan, AP
3. Mr. Haider Merhaj, AP
4. Mr. Arshid Ahmed, AP

Based on the analysis of feedback received from Various Stakeholders the following actions were taken in revision of Curriculum

1. More Elective Subjects introduced in 7th & 8th Semester
2. Syllabus of "Communication skills" has been updated keeping in view the feedback received for this subject
3. Introduction to some modern state of art processors introduced in 1st unit of Subject "COMPUTER FUNDAMENTALS"
4. More applicative and exhaustive experiments were introduced in COMPUTER FUNDAMENTALS LAB
5. Syllabus of Basic Electrical LAB was briefly revised and re-framed
6. More experiments were introduced in "C Programming LAB"
7. More experiments were introduced in "BASIC ELECTRONICS LAB"
8. More experiments were introduced in "ANALOG COMMUNICATION LAB"
9. Minor Revision in the subject of "DIGITAL ELECTRONICS LAB" was made
10. More experiments were introduced in "DIGITAL COMMUNICATION LAB"
11. More experiments and simulation based design were introduced in "POWER ELECTRONICS LAB"
12. Proposal for providing ICT Based classrooms forwarded to higher authorities
13. It was decided that department in coordination with SoET will go for purchase of Books for strengthening of college library
14. It was proposed that library and Gate Classes will be incorporated in the Timetable
15. It was proposed that for Future revisions of our course curriculum experts from Industry will be made as members of BoS.

Head
Dept. of ECE, SoET

Head
Department of ECE
BGSB University Rajouri

Copy to:

1. Dean SoET for Information
2. All Faculty of ECE

The Dean SOET
BGSB University
Rajouri

Sub: - Action taken report ERE

R/Sir

    Kindly find the document related with above cited subject. Following are the Action taken reports which are compiled by taking feedback from various stakeholders.

1. Action taken report: (For feedback report from Students)

1. Time slots were allotted to the students for performing practicals. The students were divided in to groups for proper delivery of courses
2. Various seminars and workshops were conducted to equip them with latest trends
3. A faculty mentor and student mentor were allotted to students
4. New equipments were purchased.
5. Changes were incorporated in the Course Code ERE-126.

2. Action taken report: (For feedback report from Alumni)

1. Courses such as Extra High Voltage, Restructuring of Power System, and Microcontrollers etc were floated as electives and students were encouraged to take them as electives.
2. Workshop on microcontrollers etc was held to bring awareness among students about them
3. More infrastructures regarding Renewable Energy Lab were purchased to equip our students more practically.
4. A new lab "Electrical Drives was setup in the department.

3. Action taken report: (For feedback report from Faculty members)

1. New equipments were purchased in renewable energy and Electrical Machines.
2. Many workshops on recent trends in Electrical Engineering, Matlab etc were conducted by the department.
3. ANN and Disaster Management are floated as Electives.

4. Action taken report: (For feedback report from Employers)

(i) New labs such as Electrical Drives were setup and new equipments were purchased to increase the practical skill in the students. Each student in the groups has to perform practical individually and they are watched carefully by the teacher incharge.
(ii) Seminars and workshop are conducted to bridge the gap between academia and industry.
(iii) Subjects such as Microcontrollers and Extra High voltage are floated as electives

Tel/Fax: 01962-241002. E-mail: headere@bgsbu.ac.in visit us at www.bgsbu.ac.in

DEPARTMENT OF ELECTRICAL & RENEWABLE ENERGY ENGINEERING
School of Engineering And Technology, BGSB University
Rajouri (J&K) – 185234

Ref: BGSBU/COET/ERE/16/.....   Date_____

5. **Action taken report :**(for feedback report from Parents)

(i)New labs such as Electrical Drives were setup and new equipments were purchased to increa the practical skill in the students. Each student in the groups has to perform practical individua and they are watched carefully by the teacher incharge.

(ii) Seminars and workshop are conducted to bridge the gap between academia and industry.

(iii) In coordination with Training and Placement Officer, mock tests and interviews w conducted to prepare our students for facing interviews and various examination patterns.

(iv)Value added courses such Quantitative Aptitude and Reasoning and Persona developments are conducted to skill our students for facing interviews and various examinatio

HOD
ERE Department
Electrical & Renewable Engineering
CoET, BGSBU

Copy to:-
   01. Dean academic affairs BGSBU Rajouri.
   02. Coordinator IQAC Cell BGSBU Rajouri.

DEPARTMENT OF COMPUTER SCIENCES
Baba Ghulam Shah Badshah University
Rajouri – 185234 (J&K)

Report of analysis of feedback received from different stakeholder's semester wise/ year wise

Curriculum refers to the knowledge and practices in subject matter areas that teachers teach and that students are supposed to learn. A curriculum generally consists of a scope, or breadth of content, in a given subject area and of a sequence of concepts and activities for learning. Before holding the Board of Studies, the curriculum and the scheme of the programme is thoroughly deliberated in the Departmental Affairs Committee (DAC) where suggestions and the feedback is being critically analyzed. The feedback from the alumni members, faculty, students, recruiters and industry experts were taken and the short-comings are identified so that the curriculum shall bridge the gap between academia and industry. The evaluation of the students is being assessed taking into account the Mid Term Examination and the corresponding Term End Papers of previous curriculum and the level of discrepancy in the course if any. The job of DAC is to discuss the issues related to all the things pertaining to Academics.

After the feedback is collected from the various stakeholders, meetings within the Department are being conveyed to address the concerns of the stakeholders. The feedback was collected based on the following criteria:

1. Coverage of fundamental concepts.
2. Fulfillment of the course objectives.
3. The course workload was manageable.
4. The course is relevant to practical/lab work.
5. Provision of learning resources in the library was appropriate and adequate.
6. The teacher was responsive to student needs and problems.
7. Relevance of Curriculum as per industry requirements.
8. Whether any change in curriculum is required or Not?

From the feedback obtained for the academic years 2013-14, 2014-15 and 2015-16, it was observed that there is a need to enhance the practical applicability of the syllabus. It was also observed that recent technologies which were not yet covered in the Syllabi need to be incorporated in the Syllabus.

Following actions were taken by the Department.

1. In each semester only four theory papers and two lab courses were introduced.
2. Credits to Lab were enhanced from 2 Credits to 4 Credits.
3. Choice Based Open Elective Courses was introduced.
4. Choice Based Complimentary Elective courses were introduced.
5. New Courses(Subjects) were introduced like Cloud Computing, Bio Informatics& Web Mining.
6. Minor Project was introduced for the 4th Semester Students so that the students shall get a feel of developing and designing a software application.

From the feedback obtained for the academic years 2016-17 and 2017-18, it was felt that the changes made in the current syllabus has addressed the short comingsof the previous syllabus like practical applications. It was also observed that recent technologies like Big Data, IOT and Machine Learning need to be incorporated in the Syllabus.

Feedback Analysis

Feedback Analysis of Teachers: On the basis of feedback analysis from the faculty of our Department (School of Education) it has been observed that the majority of the teachers are satisfied with the curriculum and the objectives of the Courses. They are happy with the availability of the library and infrastructure such as Faculty rooms, classrooms that are available in the Department and in the university as well. They express their happiness in the freedom of using ICT enabled techniques of teaching and they find the environment of the Department conducive for teaching-learning process.

Feedback Analysis of Students: feedback was collected to assess the overall students satisfaction with their quality of education, quality of campus facilities , availability of resources, student-faculty interaction and their perception on sustainability and infrastructure, personality development and ethical standard amongst students. on the basis of feedback taken from our students following points are concluded;

a. The infrastructure of Department which includes classrooms, library, cleanliness, OH projector, Notice boards etc are conducive to keep the students motivated and engaged for learning.

b. Command over subject, class management, language efficiency , body language , mode of interaction , students' engagements, teaching methods etc covered.

Feedback Analysis of Alumni: On the basis of feedback taken from our Alumni following points are concluded;

a. The admission process of the University is quite smooth and the infrastructure and lab facilities are quite good but it should be enhanced in future.

b. The faculty of the Department is well qualified and competent. Other facilities like canteen and hostel is up to the mark.

c. There is proper guidance for project works and internship.

d. All the alumni replied that the curriculum is professionally oriented.

e. Alumni member found entire infrastructure very encouraging in learning process.

Prof. G. M. Malik

Feedback Analysis of Parents: on the basis of the feedback analysis from the Parents of our students and alumni it has been observed that the parents are quite satisfied with the programme that their wards has chosen. They rate very good to the availability of books, references books and the quality of the course. The teaching faculty is well qualified and competent for teaching the particular programme. The different activities carried out by the Department helps their wards to enhance their personality. They did not find any kind of discrimination to their wards by the faculty. Overall rating on the basis of feedback taken from the parents are quite satisfactory.

ACTION TAKEN:

In the light of the feedback received from various stakeholders the Department organized a workshop of experts in order to incorporate necessary changes in the Curriculum. Accordingly, the revised syllabus has been formulated and implemented w.e.f 2017.

Prof. G.M. Malik
Dean & Head
School of Education

Action Taken Report on Feedback

The department has stakeholder feedback system that helps in continuous improvement of the academic standard .The collective feedback of all stakeholders were summarized and analyzed by the department and an "Action Taken Report" for recommendations based on summarized feed- back is below:

1. The syllabi were revised in 2016 and courses focusing on employability and values were added to the new syllabi.
2. Subjects focusing on non-detailed were introduced in syllabus.
3. Every year, the library is being upgraded with books of literature and theory.
4. The provisions are made to conduct remedial classes for slow learners and poor performers in all the subjects.
5. Every mentor apart from giving counseling to the mentees , works on honing the communication skills(oral, written) of the mentees assigned to them.
6. The parents are kept updated about the performance of their wards through phone calls , messages and letters.
7. The students are encouraged to participate in more and more co- curricular and academic activities .
8. More literary activities are conducted in the department to keep students updated about the latest trends in research .
9. The movies adapted on literary genres are shown to the students to clear their concepts.

Head, Dept. of English

Action Taken Report

1. In each semester only four theory papers and two lab courses were introduced.
2. Credits to Lab were enhanced from 2 Credits to 4 Credits.
3. Choice Based Open Elective Courses was introduced.
4. Choice Based Complimentary Elective courses were introduced.
5. New Courses (Subjects) were introduced like Wireless and Mobile Communication, Information Security and Distributed Computing.
6. The changes made in the curricula are :
   - Removal of "Advanced Web Technologies" from semester-II and replacing it with "Database Management System".
   - Change in Unit-3 of Course MIT-241(Database Management System) instead of PL/SQL it should be renamed as SQL.
   - UNIT-IV of Course MIT-242 (Database Management System) to be rearranged in the light of discussions held.
   - Introduction of "Wireless and Mobile Communication" as MIT342 instead of "Database Management System"
   - Introduction of "Deign and Analysis of Algorithms" as MIT-343 Course instead of "Database Management System"
   - Introduction of "Information Security and Distributed Computing" as elective courses in Semester-III
   - Scheme of Examination of the 4th Semester Project will be as

Internal examination	External examination
Project Report; 100 Marks Viva Voce:- 100 Marks	Project Report; 100 Marks Viva Voc:- 150 Marks Implementation/Presentation: 150 Marks

Ref. No.:BGSBU/PGDMS/17/339   **Dated:15-03-2017**

ACTION TAKEN REPORT

M. Sc. MATHEMATICS (Regular)

2013 – 2016

- **Student Feedback**

Action Taken : Not required

- **Faculty Feedback:**

Action Taken in BOS 2017:   On the basis of the above summarized feedback, two new courses have been added: (i) Lab Course on SPSS (MS – 403) (ii) Lab Course on Latex (MS – 305) Moreover, in many courses contents have been added, deleted, title changed etc.

- **Alumni Feedback**

    Action Taken: Not required

- **Parents Feedback**

Action Taken: **Not required**

Head
Department of Mathematical Sciences
BGSB University, Rajouri

Department of Management Studies
Baba Ghulam Shah Badshah University
Rajouri J&K 185234, INDIA

Reference No. BGSBU/SMS/17/7789   Date: 02-08 2017

<u>Action Taken Report</u>

- The Department of Management Studies after taking the feedback from all the stakeholders took some changes in the Curriculum of the MBA Programme. The major changes include redesigning of Course Structure of MBA Programme of the Department and the major changes includes shifting of selected course between the semesters, introduction of new course such as Behavioral Finance as a finance elective, Participative Management (HR Elective), Distribution Management (Marketing Elective), Project management (Finance Elective) etc.

- The Departmental Library has been established for the Students of the Department.

- The Department also started to maintain good number of Research Journals in the Department for the benefit of the students & Research Scholars

Sd/-

Dean
School of Management Studies

Cumulative Analysis of feedback pertaining to curriculum from various stakeholders

(From May -2013 to May-2017)

Analysis and Action Taken of Feedback from Stakeholders

Feedback from Stakeholders

The institute initiates structured feedback activity to obtain feedback from internal and external stakeholders. Where in which the feedback is collected on various points analyzed and appropriate actions are taken

1. Feedback from Alumni:

(a) Overall alumni have suggested that the institute should focus on improving communication skills, personality development, self-motivation and confidence and good mentoring. Alumni suggested that the libraries facilities need to be improved by adding manuscripts and reference book. More internship facilities be made available to students for better industrial exposure

Action Taken:

Institute has been provided with library facility to access research papers. Departmental libraries made available in all departments. Different workshops and seminars are arranged in institute. Necessary help was given to interested students to carry out projects through various organizations. ICT smart class rooms have been installed in the campus.

(b) Overall alumni have suggested that the need for placement activities and industrial visits.

Action Taken:

As and when required industrial visits are arranged as per the curriculum. The placement cell is applying more effort for improving placements. The students are permitted for doing industry sponsored projects which require more time.

2. Feedback from Parents:

(a) Parents suggested that the students must be involved in the industry based projects. Parents suggested need of industry interaction for students

Action Taken:

Encourage students to do field projects or internships. Students are encouraged to take industry based projects to get industry exposures.

(b) Parents want their wards to be trained with leadership and personality development. The number of industry based projects need to be more.

Action Taken:

The institute is organizing soft skill as well as aptitude training program for students. Interested students are helped for doing field projects

(c) Quality of curriculum and methodology of delivering education should be raised to a level which enables students to easily pass competitive exams and just studying is to be replaced with learning

Action Taken:

The institute advises faculties for using video lectures, ppts and webinars for effective learning

3. Feedback from Students:

(a) Students felt that library hours should be increased for their self-study. Also suggested that number of Library books not sufficient.

Action Taken:

Library timing is extended for self-study of student and more books are added for variety of subjects.

(b) Need LCD projectors in all class rooms. Teaching/ Laboratory facilities upgraded

Action Taken:

Portable LCD projectors is available in the department.

(c) Need more clarity on explanation for few subjects. Some of the Lab Equipment's are not working properly

Action Taken

Concerned teachers were instructed for taking more efforts with respect to teaching methods. Actions for setting the laboratory were taken and chemistry and physics labs were installed with new equipments.