

CRITERIA WISE INPUT AND EVALUATIVE REPORTS

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

- 1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

VISION : WE ENDEAVOUR TO BE AN EFFICIENT COLLEGE, COMMITTED TOWARDS INNOVATION, KNOWLEDGE IN HIGHER EDUCATION, EXCELLENT SKILL TO DEVELOP GLOBAL LEADERS AND TO GET MOUNTANIAN HEIGHTS IN DIFFERENT AREAS DISBURSEMENT OF KNOWLEDGE, TEAMWORK AND CARING ATTITUDE.

MISSION : TO DEVELOP ALL ROUND PERSONALITY OF THE STUDENTS BY MAKING THEM NO ONLY EXCELLENT LEADERS IN VARIOUS AREAS BUT ALSO GOOD INDIVIDUALS WITH BEST UNDERSTANDING AND REGARD FOR HUMAN VALUES, PRIDE IN THEIR HERITAGE AND CULTURE, A SENSE OF UNDERSTANDING RIGHT AND WRONG AND YEARNING OF PERFECTION AND EXCELLENCE.

The objectives of the institution are communicated through display boards, notices etc. and also through college prospectus and annual magazine of the college which is made available to all the students teachers, staff and other stakeholders.

- 1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

At the beginning of the each academic session, the institution chalk out the action plan for the year with the consultation of representatives of all the departments by inviting suggestions,

discussion on the previous years achievements and than finalizes the programme for the year.

In this process the institution have adopted the folowing measures for effectively translating the curriculum (i) class tests (ii) half yearly exam (iii) Quiz (iv) Tutorials (v) Students seminars (vi) class room discussions (vii) Excursion 9viii) Industrial visits (ix) Invited lectures from eminent Educationists (x) Internet facilities (xi) visits to other laboratories etc.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

The institution provides necessary infrastructure, financial support and other facilities. It has also established a Network Resource Centre for benefit of Students and staff members.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other Statutory agency.

The institution has provided

i) A smart class

ii) One class room with projector facility for all the departments, for seminars guest lectures etc.

iii) Generator facilities

iv) Inverters to all the department

v) Drinking water facility

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of the curriculum?

Through inter-institutional visits by students and faculty and participation in meetings, seminars and workshops etc. organized by other institutes and university. Also through IQAR.

- 1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.

Dr. Sudhir Kumar II was nominated by Hon'ble Vice Chancellor of C.C.S. University, Meerut for the Unified Syllabus Committee member for state to implement the unified syllabus in the state at UG level. Various faculty members acted as convener and members in Board of Studies and Research Development committed of University from time to time.

- 1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university)by it? If 'yes', give details on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.

No

- 1.1.8 How does institution analyse/ensure that the stated objectives of curriculum are achieved in the course of implementation?

Through IQAC

1.2 Academic Flexibility

- 1.2.1 Specifying the goals and objectives give details of the certificate/diploma/skill development courses etc., offered by the institution.

No such courses, diploma or certificate programmes are offered by the College.

- 1.2.2 Does the institution offer programmes that facilitate twinning /dual degree? If

'yes', give details.

No such programmes are offered.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability

- Range of Core /Elective options offered by the University and those opted by the college—**Almost all options offered by the University are opted by college.**
- Choice Based Credit System and range of subject options—**N.A.**
- Courses offered in modular form—**Nil**
- Credit transfer and accumulation facility—**N.A.**
- Lateral and vertical mobility within and across programmes and courses—**Nil**
- Enrichment courses—**Nil**

1.2.4 Does the institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

Yes, M.Sc. (Physics), M.A. (English); B.Ed.; B.Sc. (Computer Science). Fee structure is different (as per university norms) from regular courses, otherwise admission, curriculum etc. are the same as those of regular programmes.

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.

No

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice" If 'yes', how does the institution take advantage of such provision for the benefit of students?

No

1.3 Curriculum Enrichment

- 1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?

The college being an affiliated college to C.C.S. University does not have the freedom of formulating its own curriculum still the courses run at UG and PG levels have their relevance to the institutions goals and objectives. The college aims to impart such education as may be necessary for allround development of the students. This makes them capable of being better employed at par with highly competitive job markets.

- 1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?

The tasks of framing curriculum of the college as stated above is in the hands of affiliating C.C.S. University. The college strictly adheres to the syllabus designed by university but while delivering this syllabus contents to the students our faculty enrich with their own expertise and experiences.

- 1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

The cross cutting issues like gender, climate change, Environment education, Human rights, ICT etc have been given an ample space in the curriculum

Seminars, Lectures, Exhibitions, Awareness, Programmes, excursions, Tree Plantation etc. are organized from time to time to make society aware of the climatic changes and environmental education.

The college has provided facilities of e-class room and encourages students to give their presentations through power point. Internet & computer facilities has been provided to every department.

1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?

- moral and ethical values
- employable and life skills

The college organizes & invites lectures on moral and ethical values and life skills etc.

- better career options

The college has its Career Counselling Cell that provides guidance to the students.

- community orientation

Through NSS, NCC, Rover Rangers facilities in the college

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

As the curriculum is finalised by the affiliating University, the suggestions received from stakeholders on curriculum are forwarded to the university for implementation.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

The feedback in the form of intrections, discussions and suggestions is analysed by the constituted committee. An academic advisory board has been established in the college to monitor and evaluate the effeciency and success of enrichment programmes. The members of said committee are the subject experts, retd., Principals and Professors of University.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

Various faculty members acted as member of syllabus committee of the university. Also one faculty member participated in committee for implementation of Unified Syllabus in the state of Uttar Pradesh.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

Feedback on curriculum is obtained from post-graduate students every year, which is discussed and evaluated by faculty members. The requirements, difficulties and suggestions on curriculum are forwarded to the university for further improvement & implementation.

1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?)

One new programme B.Sc. (Computer Science) is introduced by the college during the Session 2011-2012. This programme is useful in carrier planning of the students. Most of the population of this Regional is from rural background and is unaware of the use of computer etc. The course is added to update the students in the area of computer science.

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 How does the college ensure publicity and transparency in the admission process?

Admission process is online with full transparency. The candidate registers himself/herself on university website. University sends the merit list online and accordingly the admission are granted to the students.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

On the basis of online registration, the merit list is prepared on the basis of percentage of marks for General OBC and SC category searately. All such merit work is done online by university.

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

The merit is prepared online by university. No maximum percentage of marks is pre-decided. It varies year to year as per registration of students.

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

No such mechanism is there.

2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

* SC/ST	23%
* OBC	27%
* Women	20%
* Differently abled	3%
* Economically weaker sections	
* Minority community	
* Any other	Army person depend 1%
	Freedom Fighter dependant 2%

Admission rules have been framed by university covering the percentage of quota of SC/ST, OBC, Women, differently as above.

2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase / decrease and actions initiated for improvement.

Total seats (UG & PG) are allotted by C.C.S. University, Meerut. As per record the number of registered candidates is increasing every year and the cut off percentage is also increasing every year but the admissions are restricted as per the seats allotted.

2.2 Catering to Student Diversity

2.2.1 How does the institution cater to the needs of differently- abled students and ensure adherence to government policies in this regard?

Proper reservation is given in the admission and Extra time for thus problem is given as and when required.

2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

No such assessment is needed as the admissions are made by the affiliating university.

- 2.2.3 What are the strategies drawn and deployed by the institution to bridge the knowledge gap of the enrolled students to enable them to cope with the programme of their choice? (Bridge/Remedial/Add-on/Enrichment Courses, etc.)

Remedial classes are conducted for this purpose.

- 2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

Through seminars, conducting Rallies, Tree plantation programmes, Exhibitions, Equal participation of female staff and students in different committees.

- 2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?

Faculty and students are allowed to attend & participate in seminars workshops, short term courses in different institutes. National seminars are organised by the college almost every year.

- 2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc.)?

Through class tests and information from faculty, the college conducts special tutorial classes for weaker students.

2.3 Teaching-Learning Process

- 2.3.1 How does the college plan and organise the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

College follows the plan scheduled by the university.

- 2.3.2 How does IQAC contribute to improve the teaching –learning process?
On the basis of departmental reports the suitable steps are taken ford.
- 2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?
Through internet, projectors, debates, quiz etc.
- 2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?
Exhibitions, models (working) conducting debates, quiz, projects etc.
- 2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.
Through LCD projectors, OHP projectors, Wifi, E-class room, NET facility
- 2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?
Experts lectures, workshops, seminars etc.
- 2.3.7 Detail (process and the number of students \benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students?
Soil & water analysis by Botany deptt., NSS, student counseling cell.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the the impact of such innovative practices on student learning?

E-learning & guest lectures.

2.3.9 How are library resources used to augment the teaching-learning process?

Journals, magazines, infibnet facility

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

During the academic session courses are completed by taking extra classes due to deficiency of permanent teaching staff. The appointment of tutors made by management.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

Through internal examinations, students seminars.

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

Appointment of teachers is made by Higher Education Commission at state level. Each teacher of the college has been assigned work relating to overall development of the students as per their best capabilities.

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	—	—	—	—	01	—	01
Ph.D.	—	—	17	04	05	09	35
M.Phil.	—	—	—	—	02	02	04
PG	—	—	—	—			
Temporary teachers							
Ph.D.	—	—	—	—	—	—	03
M.Phil.	—	—	—	—	—	—	—
PG	—	—	—	—	—	—	
Part-time teachers (Tutors)							
Ph.D.	—	—	—	—	—	—	05
M.Phil.	—	—	—	—	—	—	01
PG	—	—	—	—	—	—	26

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

Appointment of temporary teacher (Tutors) is made every year as per requirement.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

a) Nomination to staff development programmes

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	7
HRD programmes	-
Orientation programmes	2
Staff training conducted by the university	1
Staff training conducted by other institutions	-
Summer / winter schools, workshops, etc.	8

b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

No such programme is organized by Institution

c) Percentage of faculty

* invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies **20%**

* participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies **95%**

* presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies **90%**

2.4.4 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

The College grants Duty Leave and study Leave to the faculty as and when required.

2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

Nil

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

Yes, through students confidential reports and visiting of subject experts. The data obtained is analysed and implimented accordingly.

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

Evaluation process is well informed to the students through university website. Faculty members also inform to the students about the guidelines in this regard.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

University has introduced OMR based evaluation system for final year students. College also evaluate the students through Half Yearly and Internal Examinations, Quiz and Seminars.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

College implimentes the above evaluation system structure as is given in point no 2.5.2. above.

2.5.4 Provide details on the formative and summative evaluation approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

Internal test are conducted & assignments are given to evaluate the students.

2.5.5 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

Answer sheets of internal examination after evaluation are shown to the students & detailed discussion is made with students about their performance.

2.5.6 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.

The Extra facilities as they want to visit the other institution, to attend seminars and book facilities are provided to them.

2.5.7 Does the institution and individual teachers use assessment/evaluation as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.

Institution as well as individual teacher assess the students at their end by group discussion, seminars, Quiz, Internal Examination, presentation and participation in class room teaching.

2.5.8 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

At college level, the grievances regarding evaluation are redressed by the teachers concerned. The students are communicated about their weaknesses and the measures to overcome these. At university level, rechecking & re-examination facilities are available for the students.

2.6. Student performance and Learning Outcomes

2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?

The College approach to the learning outcome assessment is defined clearly. Faculty is best suited to determine the intended educational outcomes of their academic programs and activities. How to assess these outcomes and how to use the results for program development and improvement is a part of student evaluation. The results of Outcome Assessment are used to evaluate the effectiveness of academic programs and activities and student services, and not the performances of individual faculty or staff. Faculty use the information collected to develop and improve academic programs.

2.6.2 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

The College aims to help students to reach their potential through the provision of a supportive, vibrant and challenging learning environment. All the staff is involved in the construction of this learning environment. All students are valued equally during their learning journey with college. According, the curriculum, teaching and learning and assessment at college are student centric. The College has formulated academic committess that aim at enhancing the quality of learning, teaching and assessment across the college by providing academic leadership for the continued development of excellence in academic practice. The College is committed in creating

an environment where students are supported to achieve their potential and working towards creating an inclusive learning community.

2.6.3 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (quality Jobs, entrepreneurship, innovation and research aptitude) of the courses offered?

The students are guided regarding the future prospects of various options. Further they are sensitized on the social responsibilities through guest lectures. The students are motivated through personality development programmes. Students are encouraged to participate in activities for social and community service. The College has made dedicated efforts to impart quality education and generates new knowledge through research and development activities.

2.6.4 How does the institution collect and analyse data on student learning outcomes and use it for planning and overcoming barriers of learning?

The college has specified procedure to collect and analyze data on student learning outcome, like

- **continuous evaluation comprising internal tests, assignments, term papers and seminar presentation.**
- **Annual system of examination for all UG courses and semester system system for all PG Courses.**
- **seminar presentation by students.**

College has taken following steps to overcome barriers :

- **Question bank of various subjects to the students.**
- **Timely Redressal of students grievances.**
- **By showing answer books of internal examinations to students to make them understand their relative strengths and weaknesses.**
- **Minimum attendance limit for students to minimize absenteeism.**
- **Extra classes for weak students to solve their problem.**

2.6.5 How does the institution monitor and ensure the achievement of learning outcomes

Attendance is compulsorily taken for every lecture, laboratory hours are fixed. The assignments are corrected within a short duration. Based on the participation in the class and the marks scored in the assignments, the student level is judged by the staff member and appropriate action is taken.

Counseling is given to slow learners. Parents of such students are called to meet their respective faculty member, if required. Students who lag in these courses are given additional help and guidance.

2.6.6 What are the graduate attributes specified by the college/affiliating university? How does the college ensure the attainment of these by the students?

- **The college endeavors that its students should become valuable global citizens.**
- **To make the students academically sound enough, so that they may be able to stare in the eyes of the competitive world.**
- **The faculty members of the college work rigorously throughout the academic year to enable the students imbibe the valuable lessons by way of seminars, moral lectures and presentations.**

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?

Yes the institution is recognized research center of the CCS University Meerut. The college is guided by the parent university regulations for research which allow the registration of Ph.D. research scholars. All research is carried out under the auditorium of CCS University, Meerut.

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

Yes, there is a 'Research and Development Committee' to monitor and address the issues of research. The senior faculty member is the convener of this committee and the members are drawn from different departments. Permission to participate in conferences, seminars, workshops is granted thereby teachers are motivated for further research work. To conduct seminars and conferences in our college the heads, with the help of others, prepares the proposals and sends to U.G.C. Teachers are motivated and inspired to go for Major/Minor Research work.

The following are the recommendation made by the Research & Development Committee.

- **To encourage the faculty to apply for minor and major research projects.**
- **To motivate the faculty to pursue Ph.D. programmes.**
- **To encourage participation and presentation of research papers in National and International Seminars/Conferences.**
- **To motivate the faculty to publish their research articles in reputed journals/magazines.**

- To encourage the faculty to collaborate with other research centres, universities and industries.

The above recommendation impacted the faculty as follows :

- Some of the faculty members applied for minor and major research projects.
- Good number of faculty members have been participating and presenting papers in various seminars and conferences.
- The faculty is encouraging the students to involve themselves either individually or in groups to submit study and research projects in their subjects.
- After the previous accreditation in 2006 the college acted upon the recommendations of NAAC to improve the research environment in the college.
- The college allows and encourages its faculty members enrolled in research activity to use the infrastructure such as laboratory, Library, equipments, electricity backup etc.
- The teachers are motivated to apply for UGC/DST sponsored major and minor research projects, conduct conferences, seminars, workshos at the national and the international level. It also encourages the faculty members to attend the same for which college has pledged TA/DA as admissible.
- The college has set up a Central Research Lab with 24 hrs. electricity supply, where modern research equipments are lodged.
- As a result of this motivation many members are registered for their Ph.D. and there faculty members have enrolled themselves as supervisors for guiding Ph.D. during the last five years.
- During the last five years conferences/seminars were organized in the college, by different departments.

S.N.	Department	National	Number
1	Physics	National Seminar	03
2	Zoology	National Seminar	03
3	Economics	National Seminar	03
4	Chemistry	National Seminar	03
5	Botany	National Seminar	03
6	Commerce	National Seminar	03
7	Mathematics	National Seminar	03
8	English	National Seminar	03

- **The faculty members are encouraged to undergo any faculty improvement programme which would help them to complete their M.Phil./Ph.D.**

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/projects?

- Autonomy to the principal investigator
yes
- Timely availability or release of resources
yes
- Adequate infrastructure and human resources
yes
- Time-off, reduced teaching load, special leave etc. to teachers
yes
- Support in terms of technology and information needs
yes
- Facilitate timely auditing and submission of utilization certificate to the funding authorities
yes
- Any other
Principal investigator is given full autonomy and infrastructural facilities at college are made available to the

principal investigator. Library, Internet and other ICT facilities are provided to the investigator.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

Scientific temper and research culture and aptitude is developed among PG students through Project work/Seminars and workshos. In most of the Science subjects project work is an essential part of the curriculum. The PG students are also encouraged to present a paper/topic in seminar/symposia organized at departmental level. Science and social research clubs monittors groupo projects in the college. The institution provides awareness among student students relating to the importance of the project works in various fields of Science, Arts and Commerce.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

Research Guides	Chemsitry	75%
	Physics	75%
	Commerce	90%
	Botany	50%
	Zoology	60%
	Maths	90%
	Economics	50%
Leading Research Projects	Zoology	3
	Physics	1
	Economics	1
	Maths	3`

3.1.6 Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbining research culture among the staff and students.

The college encourages its faculty to send proposals for research projects to UGC consequently many faculty members applied for research projects. Each department is asked to assign PG student research projects guided by the faculty.

3.1.7 Provide details of prioritised research areas and the expertise available with the institution.

Physics	Specteroscropy
Mathematics	Inventory Modeling, Fluid Dynamics
Chemistry	Organic & Inorganic Chemistry
Commerce	Finance, Marketing & HR
Botany	Environmental Science
Zoology	Reproductive physiology and herbal contraception, parasitology, pollution research

3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

College organizes regularly National seminars in which various resources persons and researchers o eminence visited the campus and interact with teaqchers and students

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

No

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)

Through NSS, awareness is created on the HIVAIDS, Health Education, superstitions, the use of bio fertilizers and the importance of organic farming. Also NCC cadets of the college participated in Pulse Polio campaign duty, Assistance to Traffic Police, Tree plantation programme, Blood donation camp, Aids Awareness Programme every year.

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

College receive grants from UGC/DST for research and seminars. In addition to it college management also provide funds for organizing the seminars as per demand. Major and Minor oprojects sanctioned by UGC are running in different departments by the faculty members.

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

The college has a provision to provide seed money to the faculty for research as and when required.

3.2.3 What are the financial provisions made available to support student research projects by students?

Through JRF/SRF of UGC and CSIR, Project fellows in Major Research Project.

3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

**Physics-Chemistry—Botany-Zoology
Commerce-Economics
Others : As per the need**

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

The institution permits the staff and students to use the lab facilities and other facilities like internet, laboraories, library for study and research work.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.

To update and to purchase latest equipments the college acquired grant of Rs. One Crore under CPE plan from UGC in addition to its Rs. 72 Lacs have been received under XIth Plan. Special additional grant of Rs. 50 Lacs to upgrade the laboratory and library books have also been received from UGC.

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organisations. Provide details of ongoing and completed projects and grants received during the last four years.

MINOR PROJECTS

- | | | |
|----|--------------------|---|
| 1. | Dr. Shiv Raj Singh | Development of some Mathematical inventory models under the effect of implation. |
| | | Duration 2011-2012 |
| | | Funding Agency UGC |
| | | Sanctioned Amount 2 Lacs |
| | | Received amount 1.5 Lacs |
| 2. | Dr. Vandana Garg | Ultrastructural changes induced by heavy metalsin some endocrime glands of Heterophenustes fossilis |
| | | Duration 2008, 2010 |
| | | Funding Agency UGC |
| | | Sanctioned Amount 48,000 |
| | | Amount received 26,500 |

3. Dr. Kavita Sexena ``Role off Micro finance through to Self Helf Groups'' (SHGs) in Rural Developmenti n Kumaon Regionl, Nainital''
- Duration 2011
 Funding Agency UGC
 Sanctioned Amount 90,000
 Received amount 90,000

MAJOR PROJECTS

1. Dr. B.S. Yadav Spectroscopic investigations, thermodynamic functions and density functional computation of some Substituted N-heterocyclic molecules''
- Duration 2013
 Funding agency UGC
 sanctioned amount 100,6000/-
2. Dr. Bindu Sharma Morphology, Taxonomy, and population dynamics of Digenatic Tremalodes from fresh water fishes of Meerut
- Duration 01.02.2010 to 01.01.2013
 Funding Agency UGC
 Sanctioned Amount 1,86,000
 Received Amount 1,56,000
3. Dr.Geeta Rani Bansal Effect of Malathion on health of occupational workers of westrern U.P.
- Duration 1 May 2009 to 30 April 2012
 Funding Agency UGC
 Sanctioned Amount 8,73,000
 Received amount 5,77,800
4. Dr. Savita Immunization against experimental ascaridiasis induced by sensitized lymphoid cells
- duration 3 yrs (from July 2008)
 Funding Agency UGC
 Sanctioned Amount 4 Lacs
 Amount received 3,77,000

STUDENTS RESEARCH PROJECTS

A grant of Rs. 45 Lacs (Approx.) have been received from CSIR for 14 research scholars and 55 Lacs (approx) for 8 research scholars from UGC under different fellowship / research projects to the students of the college.

3.3 Research Facilities

3.3.1 What are the research facilities available to the students and research scholars within the campus?

- **All the departments are provided with a Computer and Internet facility with round the clock access.**
- **department of Zoology has set up 2 separate project Labs for Reproductive pphysiology parasitology and pollution research to promote research among teachers and students.**
- **Journals, magazines and books of national and international repute are available in the college library for the use of students and researchers.**
- **The Library is kept open from 10:00 A.M. to 8:00 P.M. in all office working days.**

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

Two E-class room/Conference rooms and a large auditorium are available in the college to organize any national and international seminar/conference. The conference halls are equipped with multimedia projectors and other facilities for conducting successful events.

The college has also introduced INFLIBNET facility in year 2010-2011 to get information on recent development from all over the world.

WiFi. connectivity is available for students and teachers in the campus.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities?? If 'yes', what are the instruments/ facilities created during the last four years.

After the previous accreditation a sum of Rs. 30 Lacs has been received for conducting Basic Science research and various other research activities.

The College has set up a Central Research Lab to facilitate higher level research in the institution.

The faculty members of all the Science departments will have access to the infrastructure available at the centre for research activity.

3.3.4 What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

Our Faculty members and students, if needed can utilize the facilities available at the universities.

3.3.5 Provide details on the library/ information resource centre or any other facilities available specifically for the researchers?

College provides library facilities, internet facilities and Xerox.

3.3.6 What are the collaborative research facilities developed / created by the research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc.

The college has set up a Central Research Lab to facilitate higher level research in the institution. The faculty members of all the Science departments at have access to the infrastructure available at the centre for research activity.

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of

- * Patents obtained and filed (process and product) **Nil**
- * Original research contributing to product improvement **Nil**
- * Research studies or surveys benefiting the community or improving the services

Results of researches in different subject have been beneficial to the community as

- * Research inputs contributing to new initiatives and social development

3.4.2 Does the Institute publish or partner in publication of research journal(s)?
If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

The institution does not publish or partner in publication of research journals.

3.4.3 Give details of publications by the faculty and students:

Books

1. Financial Accounting
2. Business statistics
3. Cost Accounting
4. Ecology & Wild Life Biology-Krishna Publication
5. Chordata-Krishna Publication
6. Developmental Biology-Krishna Publication
7. foRrh; ys[kkfof/k
8. O;kolkf;d lkaf];dh

- * Number of papers published by faculty and students in peer reviewed journals (national / international) 89

3.4.4 Provide details (if any) of

- * research awards received by the faculty : Best paper presentation award Dr. Vandana Garg
- * recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally Nil
- * incentives given to faculty for receiving state, national and international recognitions for research contributions. Nil

3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

There is no institute-industry interface at present.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

The college has not provided specific consultancy services to organization/community and public during last five years. However, the college has allowed research scholars (even from outside) to make use of the infrastructure available in the college.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

The college has no objection to individual faculty members engaging in consultancy services.

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

There is not any specific area or revenue generated through consultancy during last four years.

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

The college does not earn revenue from any kind of consultancy given by the individual faculty members of the departments.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution promote institution-neighborhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

Institution-neighbourhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students is conducted by the college through NCC and NSS. Through awareness programmes conducted by faculty members individually or along with participation of students.

3.6.2 What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?

The Institutional mechanism to track students' involvement in various social movements is through encouragement to enrol in NSS & NCC.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

Feedback from the students, alumni, parents is taken to get the perception on the overall performance and quality of the College.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

Outreach programmes conducted/organized by the college through NCC, NSS and Alumni association.

Assistance to Traffic Police

Tree plantation programme

Blood donation camp organized every year

Aids Awareness programme every year

Street plays to highlight social evils and their possible remedies

Campus Cleaning Programming

IMPACT

The students learn team work, develop leadership qualities and learn their social responsibilities

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

The students are encouraged to actively participate in NSS & NCC. The students/faculty members who participate in extension activities are granted leave on duty. In recently years out students participated in Republic Day parade.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

Tree Plantation, Blood Donation, AIDS awareness programme, Cleanliness of campus communal harmony, Pulse Polio Programme. A village Maliyana is adopted by NSS team to get aware the villagers about the evils of society.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

Students gained practical knowledge and real life experience while conducting the extension activities. Students acquire the moral values, dignity of labour, inter personal relations with these extension activities. They gained life skills and learnt living with community.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

The college has adopted a village for this purpose as described in point No. 3.6.6.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

The NSS and NCC Units organises tree plantation, village cleanliness, awareness activities like environment pollution, Aids, dowery and regarding basic education Blood donation camps have also been organized by these units with the help of Government hospital.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

No, the college has not received any award for extension activities.

3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

There is no institutional collaboration with the research laboratories and industries. However, individual faculty members collaborate and interact with research laboratories and industries for their research requirement.

3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

The institution has not entered any MOUs / Collaborative arrangement with any institution of national importance.

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.

There are no such interactions.

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

During the last five years various conferences / seminars were organized in the college, by different departments

3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements ? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated -

a) Curriculum Development

- The linkages provide an opportunity to the students as well the faculty members to update their knowledge and broaden their vision in current areas of interest.
- The linkages help in modifying the existing curriculum.
- Suggestions and recommendations are sought from subject experts for revamping the curriculum
- The topics of emerging fields are incorporated in both PG and UG curriculum by the university to create awareness about research activities that are being carried out.

b) Internship

Nil

c) On-the job-training

Nil

d) Faculty Exchange and Development

There is no provision for exchange programmes.

e) Research

The institution encourages the faculty members to apply for UGC Major and Minor Research Projects, participation in international / national conferences and publications. The college allows the faculty members to utilize the infrastructure available.

f) Consultancy

The college has not entered into any formal agreement to provide consultancy to any organization.

g) Extension

N.C.C., N.S.S., Rovers & Rangers etc. activities are conducted at college.

h) Publication

The institution encourages the faculty members to publish their research work. In the last five years, faculty members have published various articles / papers in different research journals of national and international repute.

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations.

Through research committee the Institution is planning to establish a meaningful linkage between the institution and various industries.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

The Campus is provided with Wi-Fi facilities. The Institution purchased LCD Projectors, Computers and recorded lectures in the interest of effective teaching and arrange seminars, tours & exhibitions for learning.

4.1.2 Detail the facilities available for

a) Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.

Classrooms

Technology enabled learning spaces

Seminar Hall

E-class rooms

Laboratories

Botanical Garden

Animal House

Specialized Facilities, such as computer Lab, Central Research Lab

Equipments for Teaching, such as LCD Projectors, OHP etc.

b) Extra –curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

All facilities are available in the institutions.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution/ campus and indicate the existing physical infrastructure and the future planned expansions if any).

The Institution used to prepare detailed time table classwise and accordingly the laboratories are prepared and the proper servicing of instruments and as per need of students E-learning and Central Research Laboratory is well equipped. As per syllabus the instruments are purchased are books for library are also purchased. Other developments and arangments in this area during last 4 years are

- (i) Renovation of Auditorium**
- (ii) Central Research Lab**
- (iii) E-Learning Classrooms**
- (iv) Language Lab**
- (v) Botanical Garden**
- (vi) Animal House**

Future Plans : (i) The management is planning to construct new Building for Physics department
(ii) First floor of Central Library is in progress
Master plan is enclosed herewith (Annex-02).

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

- (i) The college provides slopes to reach the vehicles to the class rooms and laboratories.**
- (ii) Inspire them to attend language lab.**
- (iii) provide them services to reach the rooms during examination period.**
- (iv) Specially look-after them for their comfort seating in class rooms**

4.1.5 Give details on the residential facility and various provisions available within them:

- **Hostel Facility – Not available**
- **Recreational facilities, -Auditorium equipped with sound system for cultural activities**
- **Computer facility including access to internet** Yes
- **Facilities for medical emergencies** Yes
- **Library facility** Yes
- **Internet and Wi-Fi facility** Yes
- **Recreational facility-common room with audio-visual equipments**
- **Available residential facility for the non-teaching staff and occupancy Constant supply of safe drinking water and electricity** Yes
- **Security** Yes

4.16 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

Overhead tanks and RO water purifiers are installed at different places in the campus. Qualified Doctor is deputed at the college Health Centre on Contract base for complete session. In case of emergency, Doctor is available off campus for health care.

4.1.7 Give details of the Common Facilities available on the campus –spaces for special units like IQAC, Grievance Redressal unit, Women’s Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

- **Separate room having computers with internet facilities is available for IQAC**
- **Separate room has been provided for Grievance Redressal cell.**
- **Separate room has been provided for Women’s Cell**

- **Separate office is provided for counseling and Career Guidance & Placement Cell having computer, Internet and Audio-Visual equipments.**
- **Separate room for Health Centre is available in the college campus.**
- **Hall with Kitchen furniture and water cooler is available for canteen in the campus.**
- **Indoor and outdoor facilities and music systems are available for recreational purpose.**
- **Water cooler with water purifiers are available at different places of the college campus.**
- **Big Hall equipped with sound system, seating arrangement, stage, fans and light system for Auditorium.**

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

Yes the Library has an Advisory Committee.

The composition of which is as follows :

- (i) Principal (Ex-Officio Chairman)**
- (ii) All Heads of the Departments**
- (iii) One student representative and**
- (iv) Librarian, Member Secretary**

This Committee, in its meeting discuss about the facilities like INFLIBNET, Internet system, Magazines, photocopy and text books that can be easily available to the students. Apart from them various Journals are subscribed as per recommendatur of said committee.

- **Timings of Library are from 10:00 A.M. to 8:00 P.M.**
- **Open Lib. Facility is available**

- **Three books at U.G. level and five books at P.G. level are issued to the students for fifteen days and after that they may be issued another books after submission of the previous books**

4.2.2 Provide details of the following:

- * Total area of the library (in Sq. Mts.) 1207 Sq. Mts
- * Total seating capacity 175 Students
- * Working hours (on working days, on holidays, before examination days, during examination days, during vacation)
 - on working days 10:00 A.M.—8:00 P.M. daily
 - on holidays 10:00 A.M.—4:00 P.M. daily
 - Before examination days 10:00 A.M.—8:00 P.M. daily
 - During examination days 8:00 A.M.—8:00 P.M. daily
 - During vacations 10:00 A.M.—4:00 P.M. daily

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

Library holdings	Year -1 2009-2010		Year - 2 2010-2011		Year - 3 2011-2012		Year - 4 2012-2013	
	Number	Total Cost	Number	Total Cost	Number	Total Cost	Numbe r	Total Cost
Text books			2763	721305	74	21375	1750	3972811
Reference Books	02	800	-	-	-	-	-	
Journals/ Periodicals	32	20221	34	20625	34	24110	34	27349
e-resources (INFLIBNET)				5000		5000		5000
Any other (specify) CD			92	19021				

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

- * OPAC : **In Process**
- * Electronic Resource Management package for e-journals : **yes**

- * Federated searching tools to search articles in multiple databases :
Four
- * Library Website : **yes, attached with college website**
- * In-house/remote access to e-publications : **yes**
- * Library automation : **in progress**
- * Total number of computers for public access : **Four**
- * Total numbers of printers for public access : **One**
- * Internet band width/ speed **(GB)**
- * Institutional Repository : **No**
- * Content management system for e-learning : **Through Infflibnet**
- * Participation in Resource sharing networks/consortia (like Infflibnet) : **yes**

4.2.5 Provide details on the following items:

- * Average number of walk-ins **40**
- * Average number of books issued/returned **250 approx.**
- * Ratio of library books to students enrolled 25:1
- * Average number of books added during last three years **1530 books**
- * Average number of login to opac (OPAC) —
- * Average number of login to e-resources 10
- * Average number of e-resources downloaded/printed 06
- * Number of information literacy trainings organized —
- * Details of “weeding out” of books and other materials

4.2.6 Give details of the specialized services provided by the library

- * Manuscripts **Yes**
- * Reference **Yes**
- * Reprography **Yes**
- * ILL (Inter Library Loan Service) **Yes**
- * Information deployment and notification (Information Deployment and Notification) **Yes**
- * Download **Yes**

* Printing	Yes
* Reading list/ Bibliography compilation	Yes
* In-house/remote access to e-resources	Yes
* User Orientation and awareness	Yes
* Assistance in searching Databases	Yes
* INFLIBNET/IUC facilities	Yes

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

The library staff is cooperative used to do their work with entire satisfaction and provide the books to the students and teaching staff as and when they require. They always invite suggestions from students and teachers to improve the better services.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

In a separate cabin the audio systems are used by them in the library.

4.2.9 Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analysed and used for further improvement of the library services?)

Yes, there are printed performas for feed back which are filled by the students and teachers and then after that the Library Committee in its meeting collect the data and analyse that and accordingly further improvements are made.

4.3 IT Infrastructure

4.3.1. Give details on the computing facility available (hardware and software) at the institution.

- Number of computers with Configuration (provide actual number with exact configuration of each available system)
- Computers with different configuration 90
- Stand alone facility Yes
- LAN facility No
- Wifi facility Yes
- Licensed software Yes
- Number of nodes/ computers with Internet facility

All computers are with Internet facility

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the Campus and off-campus?

Computer facility with Internet is available in each department for all the faculty members and separate computer Lab with internet facility is available for the students. The campus is Wi-Fi.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The college have two hall for E-learning to students and is planning to establish more classes with smart boards and LCD projectors.

4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

Computers and accessories are mainly purchased and maintained by UGC Grant received from time to time

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

- (i) By recording the Lecturers of Professors and eminent scientists and displayed in classes**
- (ii) Various pictures selected to their subjects are well displayed with the help of computer recording of previous lectures and made the amendments as required.**
- (iii) Make the difficult calculation easy with the software used in computer.**

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

With the help of e-learning class rooms; the following learning activities are made :

- (i) To display the Lecturers alongwith the clear figures and calculations.**
- (ii) Display the recorded lectures for students**
- (iii) During seminars the students use the LCD projector facility with computers.**
- (iv) Internet connected computers provide for the necessary information which are required during teaching.**

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

No

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

Total expenditure during last four year

a.	Building	72, 42, 220
b.	Furniture	
c.	Equipment	354, 1172
d.	Computers	
e.	Vehicles	NIL
f.	Any other facility	

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

- (i) **Head of the Institution ask the report after every session from every department about their equipments / computers / furniture and other items through head of departments and then planned to repair the same during summer vacation.**
- (ii) **The building committee collect the detail regarding the maintenance of building and get them repaired under the supervision by the permission of Principal and Managing committee of the college.**

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/instruments?

The teaching and technical staff of the department calibrate every month the instruments so that they may work properly.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment(voltage fluctuations, constant supply of water etc.)?

- (i) **Servers are used for constant supply**
- (ii) **Annual maintenance contracts are give to the related concerns**

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Prospectus is published annually. It incorporates rules and regulations of University and College, details of various courses, fee structure, facilities available and concerned faculty details.

5.1.2 Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

SCHOLARSHIPS DISTRIBUTED TO THE STUDENTS DURING LAST FOUR YEARS

Session	SC/ST	GEN	OBC	Minority
2009-2010	354	146	349	16
2010-2011	344	139	342	18
2011-2012	430	162	381	28
2012-2013	330	127	261	102

5.1.3 What percentage of students received financial assistance from state government, central government and other national agencies?

Scholarships to students belonging to weaker section of Society, from Social Welfare department are provided.

5.1.4 What are the specific support services/facilities available for

✓ Students from SC/ST, OBC and economically weaker sections

Extra class and guidance regarding their career.

✓ Students with physical disabilities

Proper seating, Language Lab

✓ Overseas students

No overseas student is there.

- ✓ Students to participate in various competitions/National and International

Proper Guidance is given by such students.

- ✓ Medical assistance to students: health centre, health insurance etc.

Yes, it is provided to the students.

- ✓ Organizing coaching classes for competitive exams

No, but guidance is given

- ✓ Skill development (spoken English, computer literacy, etc.,)

Through Language Lab.

- ✓ Support for “slow learners”

Special attention is given by the faculty.

- ✓ Exposures of students to other institution of higher learning/ corporate/business house etc.

Academic Tours are arranged.

- ✓ Publication of student magazines

College Magazine is published which incorporates articles from students and faculty.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

As the direct placements are not made companies at college level even then the college organize various programmes to enhance their skills and to make them enable for the jobs.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

Students are encouraged to participate in indoor and outdoor games.

Debates are organized time to time by various academic societies. Also the students participated in Quiz & debates in other institution also

* additional academic support, flexibility in examinations

* special dietary requirements, sports uniform and materials

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.

It is given but is not in organized form

5.1.8 What type of counseling services are made available to the students(academic, personal, career, psycho-social etc.)

The institute have career Counselling cell that guide the students from line to line counseling is also previewed through Women Grievience Cell etc.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

Career guidance cell helps the students for selecting their career but no campus are not organized

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes, at college level.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

Institution has appointed Dean student welfare, Dean girls students welfare and Women Grievenced cell. They look after the matters related with senal harassment if any.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

Yes, the members of committee and the Proctorial board look after the campus to prevent ragging.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

Various scholarships, book-bank facility in the college library and well disciplined environment is provided by the college.

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

The Institution have Alumni Association. It is not registered as yet.

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

Student progression	%
UG to PG	20%
PG to M.Phil.	—
PG to Ph.D.	10%
Employed	
• Campus selection	
• Other than campus recruitment	60%

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

2008-2009, 2009-2010, 2010-2011, 2011-2012 Annex. 4(i), (ii), (iii), (iv)

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

Guidance is provided time to time through Career Counselling Cell.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

The faculty provides consultation to the students and help them to learn the difficult topics of curriculum

5.3 Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

Outdoor Games— Basket Ball / Volley Ball

Indoor Games— Table Tennis / Badminton / Weight Lifting / Power Lifting / Shooting

Session	Teams participated in intercollegiate tournaments	Position of Team	Selected player for University Team
2008-2009	Baseball, T.T., Softball, Basket ball, football, shooting, Hockey, Badminton, Boxing	Badminton (W) individual-II position	Badminton-01 Baseball
2009-2010	Baseball, T.T., Softball, Basket ball, Badminton, Boxing, Football, Hockey	Basket ball III Position Badminton-II position Boxing (M) II position	Basket ball-03 Baseball-02 Badminton-01
2010-2011	Badminton, T.T., Basket ball, Football, Cricket, Baseball	T.T. (W)-II Position Badminton-(individual) II	Badminton-01 T.T-01 Basket ball-02 Baseball-01
2011-2012	Khokho, Shooting, Cricket, Badminton, Basket ball, Athletic, Weight & Power	Badminton (W)-I Position (M)-II	Badminton-02 Wt Lifting-02 Power Lifting-

	Lifting	Position Wt Lifting/ Power Lifting-II	02
2012-2013	Badminton, Basket ball, Volleyball, Wt Lifting, T.T., Cricket	Badminton (W)-I Position T.T. (W)-I Position Wt Lifting-II Power Lifting-I & II	Badminton-02 T.T.-02 Wt Lifting-01 Power Lifting-02
2013-2014	Cricket, T.T.	T.T. (W)-Ist T.T (individual)-I, II, III	T.T.-03

Cultural activities are organized at department level as well as at college level every year. Extra curricular activities like NSS, NCC, Debate, Rover Ranger and essay competition etc are also organized in the college. The students also participate in such activities at univversity level.

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

Several students have participated in university state and national level debate activities during last years.

5.3.3. How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

By arranging wetlays the suggestions are invited and after discussion, the decissions are implemented.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

Through College Magazine

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Student Council is constituted to share students ideas interests and to develop healthy practices in the college. Meritorious students are nominated in the council.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

Students discipline committee (constituted through Prefects & chief Prefect). Student representatives are there in cultural society, Magazine Committee, departmental societies (Ray Society, Bose Society etc.)

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

Alumni meets are organized in the college. Former faculty members are called to attend functions in the college and consulted regarding the further improvement in their respective subjects.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

The vision of the college is to make the students disciplined, progressive and law abiding which have a feeling to serve the society and the nation.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

The management and the principal provides all possible facilities and guidelines. The faculty implements the guidelines, maintains discipline and gives quality education to students.

6.1.3 What is the involvement of the leadership in ensuring :

- the policy statements and action plans for fulfillment of the stated mission

The top management calls meetings with faculty and administrative staff from time to time to discuss the plans their implementation and outcomes.

- formulation of action plans for all operations and incorporation of the same into the institutional strategic plan

It monitors the progress of all operations and request changes if required

- Interaction with stakeholders
- Proper support for policy and planning through need analysis ,research inputs and consultations with the stakeholders
- Reinforcing the culture of excellence
- Champion organizational change

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

The Principal management & Principal keep an eye on implementation of policies and plans and check the progress time to time.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

The faculty free to adopt measures for the improvement of academics. The management support the faculty for their carrier advancement, participation in workshops, refresher or orientation courses, summer courses etc.

6.1.6 How does the college groom leadership at various levels?

Activities like games, debate competitions, N.C.C., N.S.S. class seminars are some activites which develop leadership qualities in students.

The college ensures participation and active role of faculty in various committees to develop leadership in them.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

The college sanction funds to the departments for purchase of equipments and books etc. The departments select itself the items to be purchased. The HOD's with the help of the faculty members & non teaching staff of the department suggest the items to be purchased.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Yes the college executive committee has representatives of teaching and non-teaching staff.

6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

The college does not have formally stated quality policy. However, Management with the consultation of Principal and faculty members develop such policy for implementation year to year.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

The Management is planning for extension in building. The existing programmes are to be developed as per need.

6.2.3 Describe the internal organizational structure and decision making processes.

The college has different committees for internal organization. These committees take decisions relating to their respective fields and communicate the same to the authorities.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the

Modern teaching aids are used Central Research Lab, Botanical Garden, Animal Hours and computer Lab are established for the development of research activities.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

Through frequent meetings with the top management the Principal and Conveners of different committees, convey the information.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The management encourage the involvement of staff by giving them a free hand in decision making and providing suggestions and guidelines.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Providing Wi-Fi facility in the campus, which was implemented

Construction of first floor in library which is in progress

Renovation of auditorium which is likely to be completed soon.

Improvement in drinking water facility RO water purifiers are installed.

Construction of connected roads in the campus, which is completed.

Residential Quarters for non-teaching staff—8 quarters completed

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

No

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder relationship?

There are different committees to resolve the grievances and complaints of students, if any

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute ? Provide details on the issues and decisions of the courts on these?

Nil

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

Students feedback on institutional performance is taken by IQAC and their suggestions are implemented as far as possible.

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

The college encourages the teaching and non teaching staff to enhance their professional development by allowing them to participate in various courses programmes and conferences.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

The college grants duty leave to the faculty for these programmes.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

It is done through IQAC

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

The management suggests improvements in the appraisal reports as and when required and communicates to the concerned stakeholder.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

A teacher Welfare Fund has been established in the college. Financial Aids is also provided for non-teaching staff as and when required.

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

Appointments are made by UP Higher Education Service Commission at State level.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

The College allocate funds to different departments for purchase of required equipments & books etc. and make sure that the purchase is done through prescribed procedure.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

Internal audit is made by the approved auditor and the external audits are conducted by State Government auditors time to time. Last audit done for the year ended 31st March, 2013. No major audit objections are there.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

UGC Grants and College fees are the major sources of funding. (Audited income & expenditure statements are enclosed in Annex. 5)

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

Various efforts have been made by the college to generate funds as In construction of Ram Lal Agarwal Block, Rs. Ten Lacs have been donated by Late Shri Ram Lal Agarwal and some part of the said block was constructed by him by own resources.

The College auditorium was renovated by Shri Jitendra Gupta Ji by his own resources.

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes? **Yes**

As per information of IQAC report, the necessary implimentions are made for the beterment of the college most of them are approved and implemented.

b. How many decisions of the IQAC have been approved by the management/ authorities for implementation and how many of them were actually implemented?

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

No

d. How do students and alumni contribute to the effective functioning of the IQAC?

Through active participations in meeting

e. How does the IQAC communicate and engage staff from different constituents of the institution?

The Principal constitute IQAC committee as per norms.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

Yes, the college has IQAC seperately addition to various committees of teaching staff have been formed for Quality Assurance in administrative activity.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

The college ensures that the decision board on the findings of IQAC are fully implimented time to time training sessions are organized by the college for teaching and non teaching staff for the smooth working of the college.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

Academic Advisory Board has been constituted for this purpose. This Board Consists of various subject experts, retired Principals, Heads & different departments. Their suggestions are discussed and implimented as far as possible.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The IQAC sends IQAR to the NAAC, the University and state authosities from time to time.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

Internal class tests, seminars and Quiz are organized. Due to these regular activities, confidence and results of students got improved.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

Through notice board, newspaper, posts and email and IQAR

CRITERIA VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

No formal green audit is conducted in the college but college has a garden committee when has keen watch to make the campus etc. friendly. Thus college conduct its internal reen audit and spends a lot of amount to make the campus etc friendly.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- * Energy conservation

The class rooms are airy and fully of natural light. CFLS have been installed in each room which helps in energy conservation.

- * Use of renewable energy

- * Water harvesting

- * Check dam construction

- * Efforts for Carbon neutrality

The college pays much attention on tree plantation to make campus carbon free. In addition to it the cycdle stand is shifted at outside of the college.

- * Plantation

The college organises tree plantation programmes in the college through NSS, NCC units. the programmes are not only organised in the colege but also at other parts of city.

- * Hazardous waste management

The college has an consension with Nagar Nigam that their team visits frequently to the college to collect the waste from the college.

- * e-waste management

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

The college has various innovative activities at academic administrative and other levels of the college.

Feedback : After evaluation of internal exam, the feedback is given to the students after evaluation analysis on the other hand the feedback about the teachers is taken by the principal from the students time to time. HOD also gather information about thus teachers working and attitude from the students.

Inflibnet : Inflibnet facility has been introduced in the college library. Internet facility, photocopier facility is also available in the library.

Computerization of Administrative Block : Separate cabins for each staff member with computer and internet facility have been provided.

CCTV : CCTV have been installed for safty purpose and to keep proper watch and maintain discipline.

Half Yearly Examination : Half yearly examinations are conducted by the college and the result obtained is statistically analysed for the better performance of students in university examinations the personality development programmes are also conducted time to time in the interest of students.

7.3 Best Practices

7.3.1 Elaborate on any two best practices which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

- 1. The college organises combined National Seminar every year in all subjects, Prominent Scientists and Professors are intitled as keynote addressee and for valuable lectures. The researchers used to present their research papers in their respective technical sessions.**

- 2. The examinations are conducted in a very fair manner and the invigilators are allotted their duties as per CCS University norms. The College has its unique reputation in the University for the conduction of fair examination.**
- 3. The College is known in the society for high discipline and academic excellence. The Management keep an eye that working hour of teachers should strictly be followed as per UGC norms.**