



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

DOLPHIN (P. G.) INSTITUTE OF BIO-MEDICAL AND NATURAL SCIENCES

MANDUWALA , NEAR-SUDHOWALA , CHAKRATA ROAD , P.O.

MANDUWALA

248007

www.dolphininstitute.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

The Dolfin Educational Society established the College in Dehradun in the year 2002 to provide quality education in the basic and applied life sciences. Nestled in the foothills of the Himalayas, Dolphin (PG) Institute of Biomedical and Natural Sciences, Dehra Dun, in this regard comes out as a school of thought in itself; a paradigm that inspires and ignites young minds to work towards gaining expertise in the nature-based sciences and thus, contributing significantly towards the betterment of the social order.

The lively surroundings and the equally committed approach towards the culture of studies are reflected both by the teachers and the students. Be it Kashmir or Manipur, students come here from all over the country and even from beyond the borders. Pupils from Bhutan, Nepal intermingle freely and enhance their socio-cultural ties with the global doctrine of nature forming the backdrop.

The institute with its innovative pedagogy and teaching practices offers the best conducive environment for the students to grow academically. The institute has modern and sophisticated instruments to give students good practical knowledge as well as professionally oriented training.

With spacious and well-furnished classrooms and specialized laboratories, agriculture farms, poly houses, nurseries, etc to give the students globally standardized facilitation, the institute is positioned as a premier center for scientific learning. The campus is having a Wi-Fi facility giving instant e-connectivity to the Dolphin library.

There are separate blocks for the cafeteria and canteen, library, administration, and health center. Ample spaces for indoor and outdoor games ensure the all-around mental and physical health of the students. A 300-bed girls hostel is located on the adjoining campus in Manduwala. There are three separate hostels for the boys. The hostels have a Wi-Fi facility too.

The Institute is managed by Dolfin Educational Society of India, New Delhi, and is approved by the State Govt. of Uttarakhand and affiliated with H.N.B. Garhwal Central University, Srinagar, Uttarakhand. Listed as 2(f) College without financial assistance by UGC in 2012.

Vision

Creation of an educated, ethical and prosperous society by imparting higher education to youth, enabling them towards integral human and career development in the industrial and human health sector.

Mission

Academic excellence, healthy standards in extracurricular practices, socially relevant activities, and courses leading to employment and entrepreneurship and continuous progress of the institution.

In this way, we are "ready for good work" in collaboration with the government and people of goodwill

including academicians and educationists, to create a society more worthy of human beings.

Addressing the need of the Society:

The college has identified potential sectors which will soon spell the boom of the country's economic growth. Pharmachemistry, Biotechnology, Microbiology, Medical Lab Technology, Biochemistry, Forestry, Agriculture, and Physiotherapy are gaining immense popularity. India is no longer content to be an "outsourcing center" for the West. Without a doubt, life sciences will assume an advantageous position in the present phase of economic growth to find opportunities for innovation and development of industrial sectors.

The students it seeks to serve:

Providing holistic education and adequate opportunities for Human Values and Community Outreach Activities.

Integrating Academic excellence with Human excellence

Academic Excellence

The institute is reputed for academic excellence and the choice of the study programs offered. A stimulating academic atmosphere under the guidance of a young and dynamic faculty and the overall vision of amply experienced senior faculty provides a dynamic combination of youth and expert skill. A team of more than 97 highly qualified and dedicated faculty members edifies the strength of over 2500 students on the campus. *The emphasis is on developing strong Curricular Aspects and Teaching-Learning Process. The institute also pays full attention to Infrastructure and Learning Resources.*

Human Excellence

Dolphin strives to develop the intellectual capacity of students, offer possibilities by which the students discern their purpose in life, help them to achieve their goals by imparting education that is not only theoretical but also practically oriented, helps them to work efficiently outside the classrooms and the laboratories and form social consciousness in them so that they may be capable of fostering a good relationship with others, a sense of participation and co-responsibility and become tools of social change with a preferential option for the poor and the weak to serve the civil society at large.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

It attracts students from across the country, and from adjoining countries, too.

Four major features of institutional strength are:

1. *A rural-based institution offering well-focused programs in biosciences.*
2. *Well-maintained infrastructure with good ambiance and a clean, eco-friendly campus.*
3. *Conducive environment for teaching-learning.*
4. *Inclusive education is evidenced by the greater enrolment of girls and SC/ ST students.*

The college has committed to farsighted management and good leadership by the Principal and Director.

The Faculty is well-qualified, proficient in teaching, and engaged in research; and has contributed several publications in peer-reviewed Research Journals.

College faculty is members of prestigious national committees constituted by GOI organizations.

Students also publish a good number of research papers based on their research work for dissertations.

The college has a rich digitized open accessed library with INFLIBNET N-LIST access.

The Institution, through the Research Projects of its faculty, mobilizes funds for research activities.

The college has 3 patents.

The Institution has a first-rate teacher-student ratio of 1:28 which reflects in the highly commendable examination results, invariably higher than the university average.

College is a local chapter for NPTEL.

The college has an excellent liaison with leading Research Institutes of GOI and State Govt., providing opportunities to its students to have hands-on-exposure in these organizations.

The college has an Entrepreneurship and Skill Enhancement Cell contributing to self-employment for youth.

College regularly conducts workshops.

The college has strong industry linkages and provides opportunities to its students for Industrial internships.

The college has adequate ICT facilities and has integrated the academic workflow through the ERP System strengthening the teaching-learning process.

The college has an active Alumni Association.

An active Dolphin Students' Welfare Council, NCC, NSS, Scouts & Guides play an important role in the holistic development of students.

The college publishes a quarterly Newsletter, *Dolphin Insight*, which includes important academic, curricular, and extra-curricular activities.

College has safe and hygienic hostel facilities for girls and boys.

Institutional Weakness

Efforts need to be in place for academia-industry interaction to ensure exposure of core faculty members. This would lead to better Institute-industry-collaborative projects.

The number of patents and skill-oriented start-ups is to be increased.

Qualitative enhancement of research activities needs to be made by the faculty and the students.

Limited academic flexibility since we are implementing the university curriculum.

There is a visible gap between the syllabus taught and market requirements. Being an affiliated Institution, it is difficult to eliminate this gap.

Though the number of faculty members with doctorates and research publications is commendable, it is not commensurate with the overall faculty strength.

The Institution offers a relatively fewer number of certificate and value-added courses.

Being highly pressed for time, owing to their academic duties, the faculty are rarely able to offer consultancy services despite their expertise in their respective fields.

Despite the College handling the Swayam portal, only a few Departments offer and encourage the use of MOOCs as part of their course structure.

Few opportunities for training students to appear at competitive examinations.

The administrative set-up needs to be further automated to speed up the functioning.

Institutional Opportunity

Up-gradation of the College from 4(f) to 2(f) status from the affiliating university.

Potential to become an Autonomous College.

Faculty members could be motivated to take up funded research projects.

The mentoring program could be utilized to encourage research initiatives amongst students. This would lead to greater student-faculty collaboration in research.

More experts from industries could be invited to create competencies that would increase the employability of students. Strategic Location enhances the opportunities for employment in Industry.

A higher number of certificate and value-added courses could be introduced.

College can initiate student/teacher exchange programs with reputed Institutes in the State and elsewhere.

The faculty could be encouraged to actively use MOODLE LMS for teaching.

Faculty can offer consultancy services in their areas of expertise.

The Institution could make more efforts to prepare students for competitive examinations.

Alumni could be encouraged to assist their *alma mater* by sharing their skills, experience, and networking.

Some courses could be organized to upgrade the skills of the administrative staff.

College can take the lead role in integrating value-based education and Human Values Community Outreach Services into the curriculum to mold students to fulfill the vision of the College.

Efforts could be made to allow the use of the well-furnished laboratories of College by Higher Secondary School in neighboring Panchayats.

Institutional Challenge

Being a self-financed 4(f) and non 12B, institution upgrading the infrastructure with the growing needs without UGC funding support.

Being an affiliated college we are faced with certain constraints like having to frequently upgrade the curriculum in keeping with real-life requirements.

Rapid changes and advances in technology make it difficult for the Institution to continually upgrade its ICT facilities.

Though the Institution follows the CBCS system, owing to the large number of students, it is difficult to accommodate all requests for the choice of courses.

The administrative delays in the way examinations are conducted and results are announced in paramedical programs.

The proliferation of colleges in and around Dehra Dun and the birth of many new private universities in Dehra Dun city itself.

The Institution finds it difficult to provide the necessary facilities, in terms of time, space and instrumentation, to its faculty to assist them in their research endeavors.

It is difficult to maintain 100% of the records regarding student progression and placement.

To meet the expectations of the wide diversity among the students for an inclusive approach.

Orientate the faculty in such a manner that other educational institutions could use the expertise of the faculty by inviting them as resourced persons.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The college has adequate infrastructure for effective curriculum delivery with 59 classrooms fitted with overhead LCD, 02 auditoriums, 31 laboratories, 05 agricultural farms, 03 Poly houses, 05 Physiotherapy centers, medical OPD, and a Diagnostic lab. Well-stocked digitized library subscribing to reputed professional journals and periodicals. NLIST and OPAC facilities are provided.

The college has made efforts to diversify the programs in tune with the diversifying interests and career opportunities. The college has conducted placement-oriented programs like Pharmachemistry, Microbiology, Biotechnology, Medical Lab Technology, Physiotherapy, Forestry and Agriculture, etc which are introduced in only a few colleges of the state.

Students are encouraged to enroll in different online courses from NPTEL, and MOOCs so that they have a thorough knowledge of the subjects. In this pandemic period, the students are strongly encouraged to use these portals for enhancing their knowledge.

The college adheres to the academic calendar in tune with the affiliating University and prepares its own on the provided guidelines with regards to conduct sessionals, etc. laying down a strong foundation for the academic delivery.

The Principal regularly monitors the progress of the syllabus as per the schedule in meetings with the HOD and the faculty.

Regular class tests are conducted to evaluate the academic progress of the students. A bi-monthly report of student's academic performance, attendance, and conduct is sent to the parents through ERP.

Monthly review meetings are held on the 1st Saturday, wherein the Management Committee takes the overview of the academic progress in the preceding month. The IQAC also takes feedback from the students. Corrective measures are taken for any shortcomings.

Besides timely completion of the syllabus, the faculty is also engaged in taking remedial classes/ tutorials for slow learners and special classes for advanced learners.

Teaching moral values and ethics is an integral part of classroom teaching and other day-to-day interactions thereby leading to the holistic development of students.

CME/ seminars/ workshops/hands-on training and guest lectures are conducted regularly to expose the students to the latest developments/ research in their fields.

The HVCO activities are undertaken regularly.

Teaching-learning and Evaluation

Students are graded in different categories as per their academic performance. The class coordinator has the responsibility of bridging the knowledge gap of weak students to cope up with the enrolled program by organizing assignments, remedial classes, tutorials, etc. Study material is also provided through ERP.

Guest lectures are conducted by eminent scientists/ academicians/ industry experts to acquaint the students with the latest technologies.

Students are encouraged to enroll in different online courses like NPTEL, MOOCs, and IIRS.

Provision is made to conduct coaching classes for NET/ SLET entrance exams for the students.

CBCS has been implemented since 2015-16.

The institution ensures the use of student-centric methodologies such as experiential, participative learning, and problem-solving methodologies in the teaching-learning process both in Core and elective courses as per UGC guidelines.

Project work/Dissertation is considered as a special course involving the application of knowledge and carries varied credits in different programs.

Internships for six months with Hospitals/ Physiotherapy centers/ Pathology/ Clinical labs are mandatory on completion of many UG Programs.

Activities like Industrial training, clinical postings, farming; propagation in poly houses, medicinal and timber plant nurseries, plant tissue culture lab, vermicomposting provide learning experiences. The students are becoming skilled human resources which they can use for starting their ventures after completion of their study programs.

The institute has adopted ICT-based teachings in classrooms, though one to one lecture mode is the predominant method of teaching.

The college has an operative ERP system, which is accessible to students, their parents, and faculties for using the e-teaching and learning resources.

College is also the Local chapter of NPTEL with a database of audio-video lectures from IITs and IISc.

The college has a separate examination cell to handle the issues regarding conducting exams and the evaluation process.

The Institute follows an open evaluation system, student's performance, University results, etc is displayed on the notice board / ERP system and informed to the parents via bi-monthly reports.

Program and course outcomes are displayed on the college website and are also included in the prospectus stating the objectives of various departments of the college.

Research, Innovations and Extension

The College has Research Advisory Committee and a Capacity Building and Skill Development Cell comprising faculty members from various departments. These cells oversee the smooth and efficient coordination of research, innovations, and transfer of knowledge to encourage forging a relationship between the industry and the institution.

The RAC enhances interaction and cooperation between researchers for interdisciplinary and multidisciplinary work. It establishes links with various R&D organizations and funding agencies for research grants.

Funding worth Rs. 5134000.00 was granted by DBT, GOI, and USBD for carrying out research projects in the college during the last five years.

It organizes research promotion events like conferences, workshops, and invited lectures.

Management has introduced a Research-incentive scheme to promote faculty for conducting research and publish good papers in peer-reviewed journals.

Provision of study leaves to faculty to carry out their research program.

5 Ph.D. have been awarded to students and faculty during the preceding five years, while 7 are in progress.

The faculty of the college has published 205 research papers, 18 books, and 08 chapters, while students of the College have published 80 research papers based on their dissertation works during the preceding 5 years.

The CBSD Cell support and promote rural entrepreneurship in the region through training, demonstration, and dissemination of technologies and opportunities to the grass root people.

It conducts entrepreneurship programs such as workshops, seminars on entrepreneurship development.

It provides information about the financial Institutions for the establishment and running of the industry.

To promote Institution-neighborhood-community network and student engagement, the college has established the Dolphin Students Welfare Committee.

It regularly organizes several Community Outreach Activities to sensitize the students to develop social values, widespread their responsibilities and knowledge in societal issues and problems by making them involved with the people in the community.

Some of the major community benefiting programs by the institute are in the form of regular Blood Donation and Physiotherapy camps, providing free medical consultation and services to the neighborhood rural population who would have otherwise been deprived of this kind of health care.

Infrastructure and Learning Resources

The management has developed adequate infrastructure and teaching resources for an effective teaching-learning process. Regular up-gradation is undertaken to ensure optimal utilization of the available infrastructure. The college has 62 well-ventilated classrooms and 31 well-equipped labs with adequate seating capacity. Classrooms have overhead LCD projectors, PAS, and internet connectivity to facilitate ICT-enabled teaching.

The library is fully automated and spread over 3500 sq ft. Stocked with approximately 28400 books and 79 journals, along with 2545 dissertations and project reports by college students.

It is automated with integrated library management software which is linked with the college ERP system.

The college has subscribed to NLIST Programme.

During the current year (2018-19), out of 105 faculties, 54 are Ph.D. and 24 are NET qualified in their respective fields.

The faculty also has access to ICT resources like the SWAYAM-NPTEL database, NLIST, and NDL. E-books are accessible via their ERP login.

Students have open access to Internet browsing nodes in E-library.

During the preceding five years College organized 70 CMEs, workshops, and FDPs, 75 guest lectures by invited eminent searchers/academicians to promote and strengthen research culture among staff and students.

The college has agriculture farms, poly houses to demonstrate agriculture practices and in-situ crop cultivation practices for the students of the Agriculture and Horticulture Departments.

The College has separate boys and girls hostel facilities.

The college has sports facilities for outdoor games and indoor games like Athletics, Basket Ball, Volleyball, Badminton, Cricket, Foot Ball, Kabaddi, Table- Tennis, Carom, Chess, Ludo, etc.

A fully equipped Gymnasium is being maintained at Manduwala Girls Hostel and Agarsen Boys Hostel.

The College students not only organize cultural activities on various occasions like the Annual cultural fest 'Srijan', 'Udan', Independence and Republic days but also participate in cultural fests in other educational institutions and Govt. functions. They have won several prizes in such events.

College and Girls hostel premises are under complete CCTV surveillance. Thus, the institute is taking care of providing sports facilities, hostels, and security.

Student Support and Progression

The College adopts a proactive role for the progress of its students and ensures full support in their efforts in moving forward. Students are assisted by the administration in procuring scholarships and free ships under various schemes. Many cash prizes are awarded to the meritorious students during the Annual Day function. The list of college toppers is regularly showcased in the College newsletter.

Remedial coaching is provided on a need-basis while bridge courses are conducted to fill in gaps in the curriculum. The Institution has a well-equipped Language Laboratory.

A beginning has also been made to assist the students in preparing for NET exams etc by arranging coaching classes after college hours.

Participation in sports and cultural events is encouraged. The Institution's sportspersons and teams have a consistent track record of highly commendable achievements including participation in national and

international events.

Various culture-related events are regularly organized at the campus. These provide a platform for the students to, both, display and showcase their talents and, also, to get an inclusive environment. Students often participate in inter-collegiate cultural events in the City, University, and elsewhere with highly commendable results.

The college has a Training & Placement cell for guiding students in job avenues and arranging various training and internships in Industries and hospitals. It organizes in and off-campus interviews, career guidance sessions, PDP industry-academia interaction, guest lectures, etc. Capacity building cell encourages self-employment activities.

The Anti-ragging Squad, Anti-ragging Committee, and the Sexual Harassment Cell are the mechanisms in place to promptly address the grievances of students, if any, especially related to sexual harassment and ragging. The college has a committee to assist the SC/ST/ OBC students.

These cells and committee work as per the guidelines released by UGC from time to time.

The college has an active Students' Council which meets regularly, deliberates upon various issues, and, under the guidance of the faculty and organizes events of varied nature.

College alumni have excelled in various walks of life and assist the Institution in various ways. Annual Alumni meet are generally well-attended.

Governance, Leadership and Management

The objective of governance and leadership is implemented per the Mission, Vision, and Goals of the College, decentralization and participative management is amply implemented. The effective governance of the college involves Governing body, College Management Committee, Principal, Director, IQAC, Faculty, Admin staff, DSW Committee, Alumnus, Stakeholders, and employers.

The Governing Body delegates authority to the College Management Committee, which, in turn, share it with the different levels of functionaries in the college by engaging itself with the day to day academic and administrative matters of the institute and meets periodically to plan policies relating to admissions, academic programs, recruitment of staff and infrastructure development. The Principal and the Director implement the decisions taken by CMC.

The Principal assigns specific duties to various academic and administrative bodies of the college based on the suggestions made by the management. Teachers are the key players in implementing the vision and mission of the college and play a proactive part in the decision-making process. Senior faculty members are given responsibilities to act as mentors and counselors to minimize the centralization of authority, to make decisions, and implement them faster which helps to streamline the academic process and progress of the student.

Heads of Departments enjoy considerable administrative and academic autonomy in running the academics and extracurricular activities of their respective departments. They are Conveners of various committees and cells along with the staff representatives on higher decision-making bodies and play an important role in determining the institutional policies and implementing the same.

The College has constituted various committees with faculty as members for the proper functioning of the library, research, academics, Capacity Building and Skill Development, sports, cultural activities, etc both in the campus as well as hostels.

Student Welfare Council comprises faculty and students. It coordinates and undertakes various Community Outreach Activities.

Discipline, dedication, and community services are also inculcated in faculty and staff through NCC, Scouts and Guides, NSS, and Youth Red Cross. A large number of students and faculty are involved in these programs.

Institutional Values and Best Practices

The College has a wide representation of the vast demographic diversity of our country; by and large students from almost 80% of the States and UT of the country are studying in the College, besides students from two SAARC countries, namely Nepal & Bhutan.

This diversity on college campuses enriches the experience in various ways. For many students, the non-homogenous composition of the College population becomes their introduction to the world as it is a departure from their sheltered backgrounds. For others who are already familiar with diverse communities, the multi-ethnic multicultural campus environment is an affirmation of their experience. Navigating the cross-cultural fabric of campus life is part of the overall learning experience for everyone.

College is conscious of challenges and issues arising from the rapidly-evolving national and global scenarios and its responsibilities to this end. Thus, it regularly organizes multiple workshops, CMEs, hands-on-trainings, seminars, Symposium, one-day colloquium, guest lectures, etc in collaboration with reputed organizations or trainers in the field of subject for up-gradation of teaching and learning to provide the extra edge in the knowledge and skill development of our students.

The college has integrated the academic workflow through the common system to improve the internal communications between management, faculty, students, and parents by eliminating the manual processes. It also boosts decision-making through strategic data analysis.

The College celebrates various Days of National Importance with great patriotic fervor to inculcate a feeling of oneness among the student community.

It also organizes various academic and co-curricular activities for inculcating the Fundamental Duties and Rights of the Indian citizens to inculcate social consciousness in them for fostering a good relationship with others, a sense of participation and co-responsibility and become tools of social change with a preferential option for the poor and the weak.

We are committed to the creation of an educated, ethical and prosperous society by imparting higher education to youth enabling them towards integral human and career development in the industrial and human health sector. Our motto is also to train them to be gainfully employed for the overall development of civil society at large.

NAAC

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	DOLPHIN (P. G.) INSTITUTE OF BIO-MEDICAL AND NATURAL SCIENCES
Address	Manduwala , Near-Sudhowala , Chakrata Road , P.O. Manduwala
City	Dehradun
State	Uttarakhand
Pin	248007
Website	www.dolphininstitute.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Shailja Pant	0135-2760104	9568004546	91-7505926660	mail@dolphininstitute.in
IQAC / CIQA coordinator	Shruti Sharma	0135-2694547	9568004557	91-9927800045	coordinatoriqac@dolphininstitute.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	28-08-2002

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Uttarakhand	Hemwati Nandan Bahuguna Garhwal University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	16-10-2012	View Document
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
NCTE	View Document	21-05-2015	60	

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
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Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Manduwala , Near-Sudhowala , Chakrata Road , P.O. Manduwala	Rural	4.17	16741.23

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/ Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Biotechnology	36	Plus two	English	60	20
UG	BCom,Commerce	36	Plus two	English	120	26
UG	BSc,Agriculture	48	Plus two	English	220	220
UG	BSc,Forestry	48	Plus two	English	100	99
UG	BSc,Horticulture	48	Plus two	English	100	50
UG	BSc,Medical Lab Technology	42	Plus two	English	50	48
UG	BSc,Medical Microbiology And Microbiology	42	Plus Two	English	50	28
UG	BPT,Physiotherapy	54	Plus two	English	50	50
UG	BEd,Education	24	Graduate	English	50	43
PG	MSc,Zoology	24	Graduate	English	40	40
PG	MSc,Botany	24	Graduate	English	40	21

PG	MSc,Chemistry And Pharmaceutical Chemistry	24	Graduate	English	27	22
PG	MSc,Chemistry And Pharmaceutical Chemistry	24	Graduate	English	40	6
PG	MSc,Biotechnology	24	Graduate	English	33	25
PG	MCom,Commerce	24	Graduate	English	40	8
PG	MSc,Agriculture	24	Graduate	English	30	29
PG	MSc,Forestry	24	Graduate	English	30	29
PG	MSc,Medical Lab Technology	24	Graduate	English	20	10
PG	MSc,Medical Microbiology And Microbiology	24	Graduate	English	33	29
PG	MPT,Physiotherapy	24	Graduate	English	50	48
PG	MSc,Biochemistry	24	Graduate	English	30	13
PG	MSc,Physics	24	Graduate	English	30	9

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	5				32				63			
Recruited	5	0	0	5	14	11	0	25	31	22	0	53
Yet to Recruit	0				7				10			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				110
Recruited	77	33	0	110
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				41
Recruited	37	4	0	41
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	2	2	0	11	10	0	12	13	0	50
M.Phil.	0	0	0	0	0	0	1	1	0	2
PG	1	0	0	3	1	0	18	8	0	31

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	1	0	0	1

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
PG	Male	30	212	0	24	266
	Female	60	228	0	6	294
	Others	0	0	0	0	0
UG	Male	92	934	0	275	1301
	Female	218	592	0	84	894
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	16	28	25	14
	Female	10	18	10	11
	Others	0	0	0	0
ST	Male	165	159	189	173
	Female	63	91	125	84
	Others	0	0	0	0
OBC	Male	88	109	66	48
	Female	59	70	31	36
	Others	0	0	0	0
General	Male	273	243	245	213
	Female	226	200	209	203
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		900	918	900	782

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
607	607	585	585	536
File Description		Document		
Institutional data prescribed format		View Document		

1.2

Number of programs offered year-wise for last five years

2018-19	2017-18	2016-17	2015-16	2014-15
22	22	22	20	19

2 Students

2.1

Number of students year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
2666	2448	2216	1861	1643
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
615	615	615	487	410

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
793	623	615	509	511

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
91	90	79	71	75

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
100	100	90	85	80

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 62

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
500.00	454.04	489.75	468.54	346.96

4.3

Number of Computers

Response: 160

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

The College is affiliated with H.N.B. Garhwal (Central) University, Srinagar, and follows the University's prescribed curriculum both for teaching and evaluation.

Infrastructure:

The college has adequate infrastructure for effective curriculum delivery in the form of 62 classrooms, of which 59 are with overhead LCD, 02 auditoriums, 31 laboratories, 04 agricultural farms, 03 poly houses and 05 physiotherapy centers, medical OPD, and diagnostic lab. Besides the well-stocked central library, each department has a departmental library to facilitate quick access to frequently referred books. The library also subscribes to reputed subject-wise research journals and general knowledge periodicals. College subscribes to NLIST-INFLIBNET & NDL besides the OPAC facility.

College is the local chapter for SWAYAM/ NPTEL and is devising 30 hr online courses for its students.

Academic Calendar:

The College adheres to the academic calendar in tune with the affiliating University and prepares its own on the provided guidelines with regards to conducting sessionals, etc. It is circulated to faculty, staff, and students and also loaded on the ERP.

Academic Time table and distribution of Syllabus:

The **distribution of the Syllabus** and academic timetable of each Department and individual faculty are discussed and finalized in a combined meeting of HOD's by the Principal before the commencement of each academic session as per the credits assigned by the affiliating University. It is communicated to the students in advance through ERP.

Curriculum delivery and monitoring:

The individual subject teacher maintains a Teacher's Diary at the beginning of the session recording teaching plans and delivery schedule before the implementation of ERP.

The monitoring of the academic curriculum is carried out through the ERP of the respective subject teacher and discussed in meetings with the Head and the faculty. Class representatives meetings are held at regular intervals to find out the problems faced by the students. Remedial classes/ tutorial classes are also conducted.

Study materials prepared by the subject faculty are uploaded on ERP to supplement the classroom teaching. Students are directed to deliver seminars and to participate in co- and extracurricular activities. Guest lectures by eminent academicians, scientists, and experts from the industry. Industrial and field visits and academic tours are regularly arranged as per the curriculum. Altogether 75 guest lectures and more than 50 fields/ educational trips were arranged during the current year. Extensive use of ICT is made to make teaching-learning more effective and student-centric. The college has also introduced the MOODLE classes.

Class Tests:

Regular class tests are conducted to evaluate the academic progress of the students. Bi-monthly report of student's academic performance, attendance, conduct, and behavior is sent to the parents through ERP login.

CME/ seminars/ workshops/ hands-on- training is conducted regularly to expose the students to the latest developments in their fields. 70 such events were organized during the preceding five years.

Monthly review meetings are held on the 1st Saturday, wherein Management Committee takes the overview of the academic progress in the preceding month. The IQAC also takes feedback from the students. Corrective measures are taken for any shortcomings.

File Description	Document
Link for Additional information	View Document

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

Centralized Continuous Internal Evaluation System (CIE): is a vital part of the teaching and learning process. The College adopts CIE System to assess all aspects of a student's development which continues throughout the year.

Evaluation Process: Students are made aware of the evaluation process through:-

Academic Calendar for the academic year is notified by the Principal. It lays down a strong foundation for academic delivery considering the PO's and CO's. The academic calendar is designed in line with the affiliating University's Academic calendar to ensure the optimum number of working days.

- The orientation course is taken in the first semester/ year of the program where all relevant rules and regulations applicable to the particular program are discussed.
- The Principal assigns every UG & PG student to a teacher of the College to act as 'Mentor' to the student in all academic matters, and also nominate one teacher as 'Class Coordinator' who would coordinate with all subject teachers of that class for proper supervision of the curricular and other activities of the students of that class.

Each faculty member prepares the lesson plan before the commencement of the semester, indicating the topics to be covered, including the evaluation process for each course which is duly reviewed by HOD and approved by the Principal.

Evaluation of course work i.e., internal sessionals examination, assignment, presentations, fieldwork/ clinical orientation, discipline, and attendance is followed uniformly. In lab courses practical and lab records are considered important for evaluation. However, as per their teaching plans, each department may take little grace to schedule their own internal subjects' concurrent evaluation.

Conduct of examination: The Principal nominates a senior teacher to act as "Controller of Examination" who is ably supported by a Deputy Controller, both are responsible for smooth conduct and supervision of examination.

There is a slightly different pattern for conducting CIE in Semester/ Annual Examination systems.

Semester Programs:

1. **Two University Sessionals** both for theory and practical.
2. **Assignments:** comprising seminar, home assignments, and discussions.
3. **End of term examination:** is an external system of evaluation in case of core and elective courses, and an internal system for AEC and Skill Enhancement courses. The evaluation of the practical examination is completed by an external examiner and course instructor.

Annual Programs:

1. Internal evaluation in all courses is conducted in the form of a Pre-University examination for theory is conducted once in an academic session.

The marks obtained by the students are uploaded by the college on the university's prescribed portal. The marks and attendance are also conveyed to parents through bi-monthly progress reports of the students by the respective Class Coordinators.

Revaluation: If a student feels that his/her answer book of a course(s) for external examination (except re-examination) has not been fairly evaluated, he/she may apply for the same.

Re-examination: The re-examination shall be permitted both for theory and practical external examination in core and elective courses which are offered by the student during a semester.

File Description	Document
Link for Additional information	View Document

1.1.3 Teachers of the Institution participate in following activities related to curriculum

development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

Response: C. Any 2 of the above

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 72.73

1.2.1.1 Number of Programmes in which CBCS / Elective course system implemented.

Response: 16

File Description	Document
Minutes of relevant Academic Council/ BOS meetings	View Document
Institutional data in prescribed format	View Document
Link for Additional information	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 5

1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.

2018-19	2017-18	2016-17	2015-16	2014-15
0	2	0	2	1

File Description	Document
List of Add on /Certificate programs	View Document
Link for Additional information	View Document

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 1.38

1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	61	0	48	30

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

Response:

To integrate the cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics, teaching the moral and professional values and ethics is an integral part of the classroom training and other days today interactions thereby leading to the holistic development of students. College sensitizes the students regarding the above socially important issues through various courses spread over both UG & PG programmes.

Environment studies course of 2-3 credits is included in 1st year of all UG programmes as Ability Enhancement Compulsory Courses like B.Sc. Agriculture, Biotechnology, Forestry, Horticulture, and B.Com and some PG programme like M.Sc. Botany and Zoology making students aware of the environmental changes and the challenges faced w.s.r. to applications of Remote Sensing and Wildlife Studies.

English is being taught in several programmes like B.Sc. Agriculture, Biotechnology, Forestry, Horticulture, and B.Com for familiarizing the students with professional ethics and linguistic skills

required in the professional domain. Human values and professional ethics are dealt with in Paramedical and Medical Microbiology courses.

There are many platforms for hands-on experiences related to gender sensitivity that enable students to interface with real-life situations such as fieldwork, community outreach, gender sensitization activities under NSS, NCC and DSWC celebrations, seminars, conferences, guest lectures, events such as gender talk, street plays and the like. Outreach is offered as an open activity for all the students to take at least once during the programme of study. The Human Values and Community Outreach (HVCO) activities range from working in old age homes, orphanages, Panchyat Schools, geriatric village populations, organizing blood donation camps, health check-up camps, hygiene and health workshops, environment awareness camps, workshops on social issues, public health, gender issues, etc.

To sensitize students about the environment and sustainability issues, many activities such as seminars, workshops, guest lectures, industry visits and field excursions are organized for students of all programmes. Environment Day, Earth Day, Water Day, Wildlife Week, Wetlands Day, Van Mahotasava is celebrated every year, where students actively participate.

Workshops and seminars on various aspects of environmental sustainability are organized periodically. The students cultivate saplings of timber species and distribute them gratis to civil Society members to make Doon still greener. College also organizes guest lectures by experts, spiritual gurus and luminaries to inculcate social, moral and ethical values in the students.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View Document

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 3.32

1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
20	20	20	19	18

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 23.89

1.3.3.1 Number of students undertaking project work/field work / internships

Response: 637

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni

Response: E. None of the above

File Description	Document
Any additional information (Upload)	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document

1.4.2 Feedback process of the Institution may be classified as follows: Options:

1. Feedback collected, analysed and action taken and feedback available on website
2. Feedback collected, analysed and action has been taken
3. Feedback collected and analysed
4. Feedback collected
5. Feedback not collected

Response: C. Feedback collected and analysed

File Description	Document
Upload any additional information	View Document

NAAC

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 75.07

2.1.1.1 Number of students admitted year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
900	918	900	782	662

2.1.1.2 Number of sanctioned seats year wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1243	1243	1243	983	858

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 41.66

2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
266	316	225	183	162

File Description

Document

Average percentage of seats filled against seats reserved

[View Document](#)

Any additional information

[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

To bridge the knowledge gap of the new students program wise Orientation is organized at the beginning of the session. Introductory classes are taken by respective HOD and subject teachers to orient the student in the chosen field.

Under the mentor-mentee system students in each class are graded in three categories, namely advance learners, average learners, and slow learners following their academic performance in preceding examinations, sessionals, University examinations, and curricular activities. The class coordinator/ subject teacher and mentor takes up the responsibility of bridging the knowledge gap of weak students to cope up with the enrolled program by organizing a special plan of action, viz. assignments, remedial classes/tutorials, counseling, and class tests. Extra classes are organized to clarify doubts, re-explaining critical topics for improving performance. Appropriate counseling with additional teaching eventually helps the students to reach their academic goals. The class coordinator remains in regular contact with the parents and a bi-monthly report is sent to them. The main objective is to increase the pass percentage of the students.

Quick learners are identified through their performance in examinations, interaction in classroom and laboratory, their fundamental knowledge, concept understanding, and articulation abilities, etc. The Institute promotes independent learning that contributes to their academic and personal growth.

Study material is also provided to students through ERP for trouble-free learning. Guest lectures are conducted by eminent scientists/ academicians/ industry experts to acquaint the students with the latest technologies.

Regular feedback on teaching and learning is taken from students to ensure that desired objectives are fulfilled. The IQAC plays an effective role in ensuring quality teaching and course completion based on the feedback.

The Principal reviews the performance of the students of each class with the concerned faculty in the monthly meetings. Corrective measures like counseling of the students, personal meetings with the parents are recommended to the class coordinators/ subject teachers.

Students are encouraged to enroll in different online courses from service providers like NPTEL, MOOCs, and IIRS. Many of our students have enrolled in such courses and secured different certifications. College became a Local chapter for NPTEL in 2015.

Students from various departments, especially postgraduate students, are regularly presenting and publishing research papers in their areas of study under the guidance and supervision of the teaching faculty. The college has adopted this program as part of its strategy to encourage advanced learners. During the last five years, 80 such papers were published by College students.

Training & Placement Cell initiated an Industry-Academia Interactive Programme - to provide the students with an opportunity to interact with industry experts.

The faculty maintains good relations with students and deal with their problems in a gentle manner.

Due to the efforts of the concerned faculty Numbers of our students from different programs have ranked in the merit list of the University, including, Pharmaceutical Chemistry, Zoology, Biotechnology, and Microbiology, etc.

Provision has also been made to conduct coaching classes for competitive exams for NET/ SLET entrance exams for the students.

File Description	Document
Past link for additional Information	View Document

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Response: 29:1

File Description	Document
Any additional information	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

Govt. of India, has already initiated the process for developing New Education Policy (NEP) in our country to bring out reforms in the Indian education system. It provides an opportunity for the students to choose courses from the prescribed courses comprising a core, elective/minor, or skill-based courses. The affiliating University has introduced the Choice Based Credit System (CBCS) since academic session 2011-12. The institution ensures the use of student-centric methodologies such as experiential, participative learning, and problem-solving methodologies in the teaching-learning process both in Core and elective courses as per UGC guidelines. The teaching-learning process revolves around the need, interests, and capabilities of students.

Following activities are conducted by the institution to make the teaching-learning process more students centric.

1) **Project work/Dissertation** is considered as a special course involving the application of knowledge in

solving/analyzing/exploring a real-life situation / difficult problem. It carries varied credits in UG & PG programs and may be given instead of a discipline-specific elective paper.

The college conducts several UG programs like B.Sc. Agriculture, Forestry, Horticulture which has field project work with credits. PG programs like Agronomy, Biotechnology, Botany, Biochemistry, Lab Technology, Microbiology, Pharma Chemistry, Physiotherapy, and Zoology have mandatory projects as a dissertation with credits/ marks. Students work in cooperation, divide responsibilities and develop self-confidence as the project provides opportunities to the student for freedom of thought and the free exchange of ideas. It also orientates them towards research. Each student prepares a presentation which is presented before the University examiner in the presence of the whole department.

3) Internships for six months with Hospitals/ Physiotherapy centers/ Pathology/ Clinical labs are mandatory on completion of the UG Programme in Physiotherapy, Medical Microbiology, and Medical Lab Technology.

4) Classroom discussions are a regular feature. Dissertation /project topics are finalized by discussing in the classroom. Students are also encouraged to use the ICT facilities during the seminars and presentations. N-LIST and NPTEL facility is available to the students.

5) Experimental/Laboratory method is used in all science and paramedical programs to acquaint the students with the facts through direct individual experience. Every department is equipped with at least two well-equipped practical labs.

6) Activity centered method is more effective and durable in providing learning experiences. Activities like Industrial training, clinical postings, and farming; propagation in poly houses, medicinal and timber plant nurseries, plant tissue culture lab, vermicomposting provide learning experiences. The college has altogether 5 Physiotherapy health centers OPDs where students are attached for Clinical postings to provide them experiential learning.

7) Field trips and study tours are organized to forest plots, agriculture farms, nurseries, industries, Hospitals, etc for the students both at UG and PG level for onsite exposure.

8) Human Values and Community Outreach (HVCO) activities by various committees under Dolphin Students Welfare Council, activities of departmental clubs, cultural programs, National Organizations like NCC, NSS, Scouts & Guides, YRC, Sports activities, and other competitions not only provide the opportunity for participatory learning but also provide experiences.

File Description	Document
Link for additional information	View Document

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

Following the development of new technologies, fresh innovative teaching approaches/methods are being

adopted to allow a better understanding of the subject as well as to make the teaching-learning more understandable and enjoyable.

The college has well-implemented The National Mission on Education through Information and Communication Technology. As per the guidelines of the Mission, the college has provided Internet connectivity to individual faculty and students.

Given the above Guidelines College has organised a Faculty Development Programme (FDP) on “*Use of ICT in Education and Research Methodology*” w.e.f. 11th to 17th June 2018 under the auspices of Teaching Learning Centre, Ramanujan College, the University of Delhi which was duly approved by the MHRD and UGC as per their norms. The hands-on-training emphasized Google Classroom, advance excel, various software used in biostatistics, MOOC, etc.

The institute has adopted ICT-based teachings in classrooms and laboratories namely the use of overhead multimedia LCD projectors, internet connectivity with PAS in the classrooms and labs. Faculty are encouraged to take Live Classes in Moodle through The Moodle Learning Management System (LMS). Demonstration of practicals in different courses is done through virtual labs wherever possible.

The college has an operative ERP system in place which can be accessed both by students and faculties for adopting to e-teaching through virtual classes and repository of e-learning resources, like lecture notes uploaded by subject faculty, e-library and access to NPTEL resources, OPAC etc.

Some faculties have formed e-groups for classes, wherein every student and concerned faculty are the members. E-notes and lectures in pdf format are e-mailed to the students in advance of the classroom lecture. It enables them to comprehend the lecture contents better.

College is an Institutional member of NLIST-INFLIBNET which can be accessed both by faculty and students.

College is also the Local chapter of NPTEL with a SPOC and has a setup database of on-line lectures provided by IIT Madras and IISC, Bangalore. It is being updated periodically. Teachers assist the students and faculty in preparing and registering for NPTEL & agMOOCs online courses. Several faculty and students have completed these courses.

Every department has its own Whatsapp group in which they exchange the daily progress of the teaching-learning process including the lectures taken and the topics covered. Principal, Director, and Coordinator IQAC are the common members in each group and therefore able to coordinate the day-to-day academic activities and instructions if any.

Senior faculty of the College have been assigned to prepare and deliver video lectures for UG students based on affiliating University courses by Uttarakhand Science Education and Research Centre (USERC), Govt. of Uttarakhand. These lectures have been uploaded on YouTube under the aegis of USERC.

File Description	Document
Upload any additional information	View Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View Document

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 44:1

2.3.3.1 Number of mentors

Response: 60

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 89.21

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 54.4

2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
51	48	44	39	39

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	View Document
Any additional information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 6.8

2.4.3.1 Total experience of full-time teachers

Response: 619

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

The College examination cell is headed by the Controller of Exams, who is duly assisted by the Deputy Controller of Exams. They are fully responsible for keeping the students and faculty abreast with the University/ Internal evaluation process both in the semester and annual examination programmes. They in turn are guided by the affiliating University regarding the evaluation schedules and any changes in the process of the evaluation system.

The affiliating University introduced the semester system in the majority of PG Programmes from the academic year 2011-12, which led to CGPA system of gradation along with reallocation of the syllabus, credits assigned to various units, scheme of sessionals and term-end exams and minimum credits to pass a course, etc in 2015-16. These were circulated/ explained among examination cell faculty by University. The changes in the evaluation and credit system were subsequently disseminated to the faculty and students in a similar fashion by the examination cell. The evaluation system is explained to all the newly

admitted students' every year.

Invariably yearly academic calendar is provided to all the departments at the beginning of the academic session and uploaded on the ERP system. The same is conveyed to the students through the HOD/ Course Coordinators/ Class Coordinators during their orientation. The academic calendar is also displayed on the notice boards both on the campus and the hostels. The departments strictly adhere to it.

Examination Cell always circulates the examination schedule for sessionals as well end of semester examination/ annual examinations as notified by the affiliating university. The registration of the students in University is done online and the respective class coordinators guide the students for the same.

The Schedule of the university examination is also displayed on the Institute's website as well as circulated to all through departmental Whatsapp groups and notice boards. For any query, the students are free to contact the Examination Cell.

The class coordinator compiles the details of marks obtained in different subjects. These are displayed in the ERP system which plays an important role in maintaining the transparency of the evaluation system. The subject faculty uploads the award list of all internals in the ERP which can be accessed by the students and the parents as well. A bi-monthly report of the academic performance of each student is sent to the parents.

Pre-university examinations in the annual programme are conducted by the examination cell strictly on University examination pattern and guidelines. This readies the students to face the university exams confidently. Answer sheets are shown to the students and queries of the students are satisfied.

Weightage is given to assignments, presentations, discipline, attendance and field report/ clinical orientation while considering the internal assessment in theory courses. Lab records and communication skills do get weightage in lab courses and presentation /seminar of dissertation work.

Question banks and referral material are made available to the students in the departmental library to make them aware of the University examination pattern.

File Description	Document
Link for additional information	View Document

2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time-bound and efficient

Response:

The mechanism to deal with examination related grievances

1. College Level:

At the college level, an Examination Cell, comprising of two senior staff as a controller, deputy controller,

and other non-teaching staff as members, has been constituted to handle the issues regarding conducting of exams and evaluation process.

In emergent cases when a student is unable to appear for sessionals due to medical emergencies or other genuine reason re-examination is conducted for that student as per university norms, provided that he/she applies with proper documents to the Principal duly verified by HOD. In turn, if the Principal is satisfied the HOD is advised to conduct a fresh sessionals exam for the concerned student.

The grievances or doubts of the students concerning assessment are cleared by showing his/her performance in the answer sheet.

The answer sheet of such students is assessed by the faculty once again in the presence of the student concerned. Any corrections in the total of marks or assessment of answer books as identified by students are immediately undertaken by the faculty.

Any student who is not satisfied with the assessment and award of marks may approach the concerned HOD who can intervene and seek the opinion of another course Teacher.

The Institute follows an open evaluation system where the student performance is displayed on the notice board / ERP system and the same is informed to the parents via bi-monthly reports.

2. University level:

As per the university norms, the following are the methods of grievance redressal regarding university assessment:

1. Right to apply for verification of answer books.
2. Right to apply for verification with a photocopy of answer books.
3. Right to challenge the evaluation of answer books.

Concerning evaluation, if the student scores less mark than expected, he/she can apply for revaluation of his/her answer script after paying the prescribed fee to the affiliating university in prescribed format and being signed by the Principal.

Under the RTI Act, University provides the photocopy of answer sheets to students regarding any grievances regarding evaluation. Student can apply for scrutiny if he/she feels that evaluation is not correct.

In case of any discrepancy in question paper when highlighted by students and the representation is being verified by the college authorities affiliating university considers the corrective measures on merit.

In case of mass failure in a particular course of the offered program, the case may be represented to the Registrar affiliating university in the form of a joint petition by the aggrieved students through the controller of examination and Principal of the college. On being satisfied the university could arrange the reexamination for the same.

Similarly, any kind of discrepancies in university mark sheets is readdressed by the University.

File Description	Document
Link for additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

The educational objectives of various programs at Dolphin Institute, Dehra Dun enable the students to have holistic and all-round grooming to be a thorough professional in the field of biomedical and natural sciences. The objectives for the course are designed, considering that our graduates will be able to:

- Continue the process of life-long learning through professional activities; adapt themselves with ease to new technologies, while exhibiting ethical and professional standards, and will be able to work collaboratively as a member or leader in multidisciplinary teams.
- They will possess leadership and managerial skills with the best professional ethical practices and social concerns and will be able to communicate technical information effectively, both orally and in writing.
- Contribute to research in their chosen field and function and communicate effectively, to perform both individually and in a multi-disciplinary team

Program-specific outcomes and course outcomes for all programs offered by the institution are displayed on the college website and are also included in the prospectus stating the objectives of various departments of the college. The broad objectives of various programs run by the college are explained during the Orientation Program for the first-year undergraduate and postgraduate students.

The faculty articulates the learning objectives and expected outcomes for each program at the beginning of the session as part of the effective academic strategy at the beginning of the semester. This helps the students appreciate the courses being covered in class as they see the relevance. The POs and COs depicting the learning objectives of various courses are readily available for students and teachers on the college Website, through ERP login, library, and also in the individual departmental libraries. POs and COs of all courses are uploaded separately.

Program-specific outcomes of all the departments are highlighted through career options open to students after completion of the programs and the achievements of the alumni. Alumnae of different departments are invited to interact with both the students and teachers during various seminars and meetings. They share how the different courses shaped their careers and thus help students appreciate the program. This is also an opportunity for the faculty to take feedback on the courses that need to be improved and the

components which will make them more relevant. Sometimes these suggestions are also forwarded to the affiliating University for consideration. The college Newsletter highlights the achievements of the alumni and lists the kind of jobs that students get after completion of different programs.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	View Document

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

The assessment methodology for measuring the attainment of each program's outcomes is two-pronged, i.e., direct method = University Examination +Internal assessment.

Indirect assessment strategies are implemented by embedding them in student, employer, and alumni feedback.

The process for the evaluation of the students in different programs is followed as per the norms of the Affiliating University. The implementation of the syllabi with changes and the process of evaluation of the learners are monitored by the Principal of the college.

Internal assessment is the requirement of the continuous assessment and is essential for the fulfillment of the PO's and CO's. The affiliating University has assigned 30% marks each for theory and practical exams in all UG programs, other than B.Sc. Agriculture, that has only 15% marks in theory. Most PG programs are evaluated as per the CBCS system and University has assigned 40% marks each for theory and practical internal evaluation. However, 30% marks each for theory and practice are awarded internally in MPT under the annual system. The M.Sc. MLT 1st & 2nd semester have 10% in theory, 20% in practical, while M.Sc. MLT 3rd semester has 20% each in theory and practical university exams. Component of 'Clinical training and day to day assignment' comprises 100 marks in M.Sc. MLT. This acts as a performance-check of the students.

B.Sc. Agriculture VIII Semester students undertake 6 months "Rural Agricultural Work Experience" with a choice to opt for any of the four topics given by the university syllabus which is followed by write-up training report preparation and ppt presentation and is evaluated internally. Accounting for 20 credits=525 marks. B. Sc. Horticulture VIII semester students spend one full semester working with the State Department of Horticulture; horticulture based industries, commercial horticulture farms, plantation industries, etc to gain first-hand information in the four components based on their choice of interest. It is evaluated by the Department based on i) project report preparation (6 credits), ii) fieldwork (6 credits) and iii) project report writing, presentation, and discussion (6 credits); total credits carrying 200 marks.

M.Sc. Agronomy IV Semester students are allotted seminar course in which different topics from their relevant program are given to the students to prepare a write-up and make ppt presentation in which the whole class, course coordinator, and concerned faculty participate for open queries and discussion. This activity accounts for 1 credit which is equal to 100 marks and is credited by internal evaluation.

The Pre University and sessionals, assignments, lab work, class Room seminars, Field Visits, Study Tours, etc. are also part of the internal evaluation.

At the end of each session, the university conducts examinations and publishes the results. The course outcomes are measured based on the course attainment level fixed in the program.

The objective the conducting the Student, Employer, and Alumni feedbacks is to understand the impact of training they have just completed and to understand the strength and weakness of various value-added courses, and pre-placement training imparted.

File Description	Document
Paste link for Additional information	View Document

2.6.3 Average pass percentage of Students during last five years

Response: 99.5

2.6.3.1 Number of final year students who passed the university examination year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
793	623	614	503	505

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
793	623	615	509	511

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View Document
Paste link for the annual report	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.27

File Description	Document
Upload database of all currently enrolled students (Data Template)	View Document

NAAC

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 12.3

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
1.25	0	0.25	2	8.80

File Description

Document

List of endowments / projects with details of grants

[View Document](#)

e-copies of the grant award letters for sponsored research projects / endowments

[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 7.69

3.1.2.1 Number of teachers recognized as research guides

Response: 7

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 8.06

3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1	0	1	1	2

3.1.3.2 Number of departments offering academic programmes

2018-19	2017-18	2016-17	2015-16	2014-15
13	13	13	12	11

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document
Paste link to funding agency website	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

The College is having a separate Research Advisory Committee and a Capacity Building and Skill Development Cell comprising faculty members from various departments. These cells oversee the smooth and efficient coordination of research, innovations, and transfer of knowledge to encourage forging a relationship between the industry and the institution. The institute provides a conducive environment for research-and-technology-driven innovations. The four key components of the ecosystem for innovations are:

- Technology
- Research
- Innovation &
- Industry

Following activities are considered by RAC:

- To enhance interaction and cooperation between researchers for interdisciplinary and

multidisciplinary work.

- To forge academic and research collaborations with State and National government agencies, and industries.
- To establish links with various R&D organizations and funding agencies for sponsored and contract research.
- To work towards the development of DIBNS as a renowned R&D center.

Objectives

- To organize research promotion events like conferences, workshops, invited lectures.
- To motivate faculty for doctoral research.
- To encourage faculty to undertake research projects in thrust areas in science and technology with funding from various agencies.
- Management introduced the Research-incentive scheme to promote research publications.
- Provision of Study Leaves to faculty to carry out their research program.
- No fee is charged for students carrying out research activities in the college for the Ph.D. program.

Following activities are considered by CBSD Cell:

1. To give Training, counsel, guide, and mentor for setting up the enterprise.
2. To support and promote rural entrepreneurship in the region through training, demonstration, and dissemination of technologies and opportunities to the grass root people.
3. To assist in setting up technology exhibitions, awareness camps, and product development plans.
4. To provide support in documentation, project proposal preparation, and patenting of innovations.
5. To facilitate and provide the tools for technology development and implementation in the labs.
6. Incubation center conducts entrepreneurship programs such as workshops, seminars on entrepreneurship development.

7. To provide training by experts for marketing the products developed.

8. To provide information about the financial Institutions for the establishment and running of the industry.

This cell is focusing on inculcating the spirit of technological entrepreneurship amongst our students and young entrepreneurs to enable them to learn how to take knowledge-based innovations through to a commercial outcome. The skills learned during the programs helped participants to enhance their expertise in technology, commercialization, and business development.

The T&P Cell also interacts with the industry to ascertain its needs to fill the gap in the curriculum. The gap is filled by arranging workshops addressed by industry personals. Industry institution relationship works in the following areas:

- Industrial site visits for students and faculties.
- Interaction with alumni for sharing experiences
- Expert lectures by industry personals for students.
- Conducting joint technical programs & events with industry.

This approach has helped faculty and students to grow in self-control, responsibility and to create a climate in which all of them may contribute to the limits of their improved abilities.

File Description	Document
Paste link for additional information	View Document

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Response: 8

3.2.2.1 Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
3	2	0	2	1

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years	
Response: 3	
3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years	
Response: 21	
3.3.1.2 Number of teachers recognized as guides during the last five years	
Response: 7	
File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document
URL to the research page on HEI website	View Document

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years				
Response: 1.22				
3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.				
2018-19	2017-18	2016-17	2015-16	2014-15
10	15	24	15	35
File Description	Document			
List of research papers by title, author, department, name and year of publication	View Document			
Any additional information	View Document			

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years**Response:** 0.53**3.3.3.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
12	7	11	5	8

File Description	Document
List books and chapters edited volumes/ books published	View Document
Any additional information	View Document

3.4 Extension Activities**3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.****Response:**

One of the objectives of the vision and mission of the college is to inculcate social consciousness in the students making them capable of fostering good relationships with others and become tools of social change to serve the civil society at large.

To promote Institution-neighborhood-community network and student engagement, the college has established a 'Dolphin Students Welfare Committee headed by the Dean Student's Welfare to instill civic responsibility in the young minds of students through extension programs and value-based activities to develop students into sensitive, socially responsible men and women.

The DSWC regularly organizes several Human Values and Community Outreach (HVCO) Activities to sensitize the students to develop social values, widespread their responsibilities and knowledge in societal issues and problems by making them involved with the people in the community. For achieving the objective DSWC establish contact with Panchayats in the neighborhood, NGOs, News Papers, and Police Department. Students demonstrate profound interest to attain social values and responsibility.

Visit the orphanages, schools, etc in the nearby villages is being performed by students under the wings of DSWC. Organizing such events creates awareness about society and their social responsibility. Besides, NCC and NSS units organize programs such as Swachh Bharat Abhiyan, Cleanliness drive, YRC unit assists in organizing blood donation camp, and Red Ribbon Club is invariably responsible for the awareness programs on HIV.

The other major community benefiting programs by the institute are in the form of regular Blood Donation and Physiotherapy camps providing free medical consultation and services to the neighborhood rural population who would have otherwise been deprived of this kind of health care. College also extends these services in various games, athletic meets, etc organized by various social agencies, police, and NGOs.

Our students are also closely associated with the State Police Department in the campaign “Say no to drugs” to spread awareness among the youth of the State. The students also participate in road safety campaigns along with the police department. Interactive TV shows are also held within the campus wherein the students interact with the Govt. officials and NGOs.

The students spend many festivals with underprivileged children. They also distribute school books, stationery, uniform, and sweaters to the school children in the village areas. College also provides scholarships to poor girl students.

During the period under consideration 45 Physiotherapy and Health Camps, 11 Blood Donation Camps, and 63 HVCO activities were undertaken in the field of Drug abuse, cleanliness drive under Swachhata Abhiyan, road safety, women empowerment, gender sensitization, plantation drive, Yoga Shivar, and extending helping hand to the orphans and underprivileged children in the form of providing them school stationery, uniforms, and sweaters.

The above extension activities provide close opportunities to our students to interact directly with the rural population and inculcate a sense of social obligation towards the welfare of civil society at large.

File Description	Document
Paste link for additional information	View Document

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 0

3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

Response: 85

3.4.3.1 Number of extension and outreach Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
25	28	16	9	7

File Description	Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document
Any additional information	View Document

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 84.38

3.4.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
2398	4199	1458	1103	581

File Description	Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document
Any additional information	View Document

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 1

3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1	0	0	0	0

File Description

Document

Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship

[View Document](#)

Any additional information

[View Document](#)

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 0

3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description

Document

e-Copies of the MoUs with institution/ industry/corporate houses

[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Response:

The College was awarded a “B” Grade with a CGPA of 2.81. Nevertheless, we secured a CGPA of 3.30 in Infrastructure and Learning Resources and 3.00 in Students Support and Progression. This was quite encouraging and persuaded College to carry forward the initiatives in light of the above grades.

Academic Infrastructure: The Institute ensures that there is the optimal utilization of the available infrastructure. College has 62 well-ventilated classrooms with a capacity of 40-100 students, 31 well-equipped labs with adequate seating capacity on different floors of the building. Classrooms and labs are equipped with lights and fans, and a large number of classrooms have overhead LCD projectors (59), PAS, and internet connectivity to facilitate ICT-based teaching. Classrooms and labs are provided with a biometric attendance facility for students and faculty for monitoring attendance in every period. There are one Computer lab and an IT server room.

The college has one each Medical and Physiotherapy OPD and 04 Physiotherapy centers in the city, a diagnostic Lab, two conference halls. The campus is Wi-Fi enabled; Hostels have Wi-Fi facilities.

ICT Infrastructure: ICT teaching aids were installed in classrooms, labs, and seminar halls. One to one Desktop PCs have been provided to the faculty. A total of 56 desktops and 64 thin clients additional PCs and four servers are provided. ERP has been installed.

Library as Learning Resource: Central, departmental, and hostel libraries are present. Approximately 28400 books and 79 journals are available in the College library. There is a separate ‘Reference Section’. The Central library has a well-stocked repository comprising about 2545 dissertations and project reports by college students. The college girl’s hostel also has a referral library for meeting the emergent needs of the students.

Faculty Enrichment: The Institute always encourages the teachers to upgrade their knowledge. During 2014-19, 04 teachers have completed their D.Phil./Ph.D., while another 04 are pursuing. During the current year (2018-19), out of 91 faculties, 51 are PhD and 26 are NET qualified in their respective fields.

Research facilities: Funding nearly Rs19 lacs. was granted by Govt Funding agencies DBT, USBD etc for carrying out research projects in the college during the last five years. The number of publications by faculty has increased significantly during this period and more than 189 research papers, 17 books, 18 chapters in books, Pre- and post-conference proceedings have been contributed by faculty and students.

Student enrichment: During the preceding five years College organized 70 CMEs, workshops, and FDPs, 75 guest lectures by invited eminent searchers/academicians to promote and strengthen research culture among staff and students.

The College has four agriculture farms, three poly houses in adjoining areas to demonstrate agriculture

practices and for in-situ crop cultivation practices to the students of the Agriculture and Horticulture Departments. The college has its own two nurseries to cultivate timber and medicinal plants maintained by our students.

Hostel facilities: The College has separate boys and girls hostel facilities, enhanced substantially during the preceding 5 years by adding 86 rooms to accommodate 130 additional students.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Response:

The college has sports facilities for outdoor games and indoor games like Athletics, Basket Ball, Volleyball, Badminton, Cricket, Foot Ball, Kabaddi, Table- Tennis, Carom, Chess, Ludo, etc.

The college has an adequate Playfield measuring 6123.8 sq m (dimension 91.4X 67 m.) for outdoor games like Badminton, Volley Ball, Basketball, Kabaddi, Kho-Kho, etc., which are duly demarcated in different areas. A separate indoor hall measuring 98.7sq m (dimension 16.45X6 m) has been provided for playing TT, Carom Board, Chess, etc.

The arrangement on a payment basis has been made with neighboring Tibetan Monastery for using their playfield to organize Football & Cricket matches. College is allowed to host the intercollegiate (Boys & Girls) football competitions at ONGC Stadium, Dehra Dun.

Facilities provided are sports and storerooms, players are provided Tracksuit, T-shirts and lower for practice, separate uniforms for different faculty players, meeting all expenses of players for participation in State and National events, provision for refreshment and lunch to participants and staffs for various events. Winners are felicitated with mementos/ cash awards. Arrangements are made for Dias, Mike, Podium, Banner for felicitation during the annual meet, etc, or whenever any sports events are organized in the college.

College provides its playground for organizing events of the affiliating university and other tournaments. The college has organized Interdepartmental and Inter-Collegiate (HNB Garhwal University Affiliated Colleges) Football & Cricket tournaments during the preceding 3 years. Organizes coaching camps for the inter-university football team (boys and girls) since 2016-17. College students are members of the affiliating university playing Football team. Nishant Garg, BPT is a member of the Indian Ice hockey team and participates in international events. Abhinav Panwar, M.Com. played in 67th Senior National Volleyball Championship for men, Chennai from 2nd January to 10th January 2019. He is part of the Uttarakhand state team.

Since 2017-18 college sponsors intercollegiate boys and girls Volleyball tournament for all Colleges and Universities based in Dehra Dun in memory of the late Shri RN Gupta, Patron Dolphin Institute. It is being hosted on the college campus.

A fully equipped Gymnasium is being maintained at Manduwala Girls Hostel and Agrasen Boys Hostel.

Being co-ed College cultural activities are encouraged prominently for the overall development of the students through a Cultural committee. The college has a recreation room which is duly furnished and equipped with musical instruments. One of the auditoriums has the facility of green room and state of art acoustic and light facilities. College also sponsors costumes for participants and hires choreographers for conducting cultural activities. The College students not only organize cultural activities on various occasions like the Annual cultural fest 'Srijan', Independence and Republic days but also participate in cultural fests in other educational institutions. They have won several prizes in such events. College is closely associated with Spic MacKay and organizes events annually. Cultural events are the major attraction during Srijan and the annual day. Prizes are given for outstanding performances.

Management, faculty, staff, and students participate enthusiastically in International Yoga Day since 2015-16.

File Description	Document
Paste link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

Response: 72.58

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 45

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 233.93

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
411.04	4406.90	253.65	207.51	72.07

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

The college Library is one of the richest self-financed PG College libraries in Dehra Dun. It spreads in an area of 3500 sq ft. The library is located on two floors situated in the center of the academic block. The GF has the reading room while the FF has the stack room, issue and return section, reference section, and repository.

The collection includes more than 29000 books, 79 journals, and 19 magazines. During the preceding five years 10600 books worth Rs. 43 lakh were added, while Rs. 25000.00 was paid towards the annual subscription of research journals in 2018-19. The collection of books includes a wide range of subjects from pure sciences, paramedics, physiotherapy and social sciences, languages, etc. The library is automated and has a spacious reading hall and reference section. The reading area can accommodate 150 users at any point in time.

The library is automated with integrated library management software CAMPSYS Software installed in 2011. It is now integrated into the college ERP system. It is a multi-user, multi-tasking online software for automating library searching, acquisition, cataloging, and circulation activities of books. All books in the library are accessible and bar-coded. The Books are classified according to Dewey's decimal classification.

The various housekeeping activities of the library such as data entry, issue and return, and renewal of books, member logins, etc are done through the software. OPAC (Online public access catalog) service is also provided where the users can search the collection of books by title, author, publisher, etc. The books are being barcoded and the users are given unique barcode ID. Apart from the printed books, the library is having access to e-resources of N-list which is a part of the e-shodhsindhu consortium of INFLIBNET, where the users are given awareness and made to access, browse and download ebooks, e-journals, databases, etc. Library also has access to the National Digital Library Program of GOI.

The library provides reprographic service and internet service. The Internet room is provided with 05 systems and 02 heavy-duty printers. For enhancing security closed-circuit cameras have been installed. Fire safety units are also available.

The total number of computers for public access:

06 PCs are installed in the library stack room for accessing e-resources as well as for the OPAC facility. NPTEL resources are also made available in these Desktops. Students are also provided open access to NLIST Portal, besides the e-books loaded in the library database.

Content management system for e-learning:

1. As a paid member of the NLIST Programme College students can access electronic resources subscribed by the UGC-INFONET Digital Library consortium as well as few selected e-resources that were found most appropriate for colleges including e-journals and e-books. These resources include more than 6000+ e-journals and 97,000 + e-books.

2. College is also a member of the National Digital Library of India under MHRD under the NMEIT program.

3. The library has a database of about 800 e-books.

4. Library also subscribes to eight e-journals.

File Description	Document
Paste link for Additional Information	View Document

4.2.2 The institution has subscription for the following e-resources

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases
- 6.Remote access to e-resources

Response: C. Any 2 of the above

File Description	Document
Upload any additional information	View Document
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	View Document

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 10.29

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
10.92	15.48	11.27	5.93	7.83

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	View Document
Audited statements of accounts	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

Response: 0.07

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 2

File Description	Document
Details of library usage by teachers and students	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Keeping pace with the advancements in IT technology the college has adopted the ICT-enabled teaching and learning and has evolved the ICT technologies accordingly.

The college has dedicated Internet bandwidth with a speed of 30 Mbps.

The college has a full-fledged IT cell manned by four IT personnel on a full-time basis. The IT cell is responsible for the overall maintenance of servers, desktop systems, and other IT backbone components, surveillance systems, besides solving day to ICT-related issues. They ensure that that college has updated facilities and uses the latest version of software on its computers.

In line with the guidelines from NME-ICT GOI, every faculty has been equipped with an internet-connected desktop computer. To maintain ICT-based teaching and learning concept at college some faculty have started using an open-source MOODLE LMS as an online teaching platform. They have begun uploading their audio lectures, notes, assignments as per the curriculum and sharing them with students through their MOODLE portal. Some individual faculty have recently started making use of modern ICT-based teaching and learning facilities like Google Classroom. Others are being encouraged to adopt it too.

The faculty also has access to ICT resources like the SWAYAM-NPTEL database, NLIST, and NDL. e-books are accessible via their ERP login. Because of promoting open-source software, desktop systems are installed with LINUX OS and office-related applications. They also have individual user ID and password for accessing the internet from anywhere on the campus. Consequently, a large number of faculties have prepared lecture notes, practical manuals, and question banks which are uploaded in ERP, and are readily accessible to the students whenever they need to consult them.

Students have been provided with Internet browsing nodes in the e-library. The students can also utilize the Internet facility during the labs for any academic updating. Every classroom is provided with overhead LCDs projector and Internet connectivity to improve the content delivery mechanism. Some of the classrooms have a P.A. system for effective delivery of web-based video lectures from YouTube apart from NPTEL. Every classroom and laboratory has been equipped with a biometric system that is integrated into ERP applications to monitor the attendance of the faculty and students whenever a lecture is delivered.

The library has an internet facility and access to NLIST, NDL, and OPAC under NME-ICT policy.

The ICT culture is also inculcated in the students and they are encouraged to present their reports, seminars, and dissertation presentations through ppt. Some departments have adopted blended learning quite well and even make use of 'Virtual Lab Technology' by downloading teaching material from youtube.com, etc.

College is a Local chapter of NPTEL. The e-resources of the SWAYAM-NPTEL database can also be accessed both by students and faculty. The SPOC NPTEL publicizes the online certification courses amongst the students and informs them about the courses being offered currently. Every faculty can access the NLIST facility in their systems off campus as well. To ensure mobile connectivity the college has Wi-Fi services.

File Description	Document
Paste link for additional information	View Document

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 17:1

File Description	Document
Upload any additional information	View Document

4.3.3 Bandwidth of internet connection in the Institution**Response:** C. 10 MBPS – 30 MBPS

File Description	Document
Upload any additional Information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.4 Maintenance of Campus Infrastructure**4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)****Response:** 20.78**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
114.68	102.34	56.46	100.47	88.37

File Description	Document
Upload any additional information	View Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View Document
Audited statements of accounts	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.**Response:**

The basic Infrastructure required to run the institution is continuously upgraded per the academic and administrative requirements in the form of expansion of classrooms, labs, computers, agriculture farms, poly houses, library, auditoriums, lift, UPS, Solar systems, LCD projectors, ICT facilities, and transport facilities, etc and their upkeep and maintenance.

There is an infrastructure development committee to look after the day-to-day infrastructure requirements

of the campus and the hostels respectively.

The college ensures optimal allocation and utilization of the available financial resources for maintenance and upkeep of different facilities by holding regular meetings of various committees constituted for this purpose and using the budget allocated by the college as per the requirements in the interest of students. The expenditure record of the same has been supplemented herewith.

Adequate in-house staff is employed to meticulously maintain hygiene, cleanliness, and infrastructure on the campus to provide a congenial learning environment. Classrooms, faculty cubicles, laboratories, seminar halls, library, offices, etc are cleaned and maintained regularly by housekeeping staff assigned for each floor. Washrooms and restrooms are well maintained. Dustbins are placed on every floor. The Green Cover of the campus is well maintained by full-time gardeners.

The preview includes maintenance of Generators, Air Conditioners, UPS, LCD projectors, Biometric machines, CCTV cameras, and Water Purifiers. Apart from contract workers, lab attendants, technicians, the college has trained in-house electricians, carpenters, and plumbers.

- Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the Administrative office through a register maintained for the same. The requirements are collectively processed daily to ensure smooth functioning. The two campus supervisors are involved in the monitoring of infrastructure facilities. This team looks after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing, and house-keeping.
- The Supervisory staff also look after the maintenance of restrooms, approach roads and neatness of the entire premises. Housekeeping services are regularly executed and monitored. Attendance of security guards both in the campus and hostels is monitored 24x7.
- The non-teaching staff is also trained in the maintenance of science and computer equipment.
- Two committees comprising faculty and admin staff undertake annual physical verification of issued store articles and library books etc respectively.
- The parking facility is well organized. It is efficiently maintained by the annually renewed contractual security agency. The campus maintenance is monitored through surveillance Cameras.

a. Building: the campus and the hostel buildings are well maintained and are upgraded regularly as per the requirements. There is a separate electrical, civil, plumbing, and carpentry section to look after the day-to-day upkeep of the premises. Fire Fighting equipment is installed in the buildings.

b. Furniture: The College regularly maintains a complete stock of inventory of benches, lab stools, tables, chairs, etc on the premises, and financial provision is made in the annual budget both for procuring additional furniture and repairing, etc of the existing one as per the requisition made by various departments and committees. Physical verification of all the furniture and fixers is carried out annually.

c. Electrical Equipment: College conducts regular inspection and maintenance of all electrical equipment. A comprehensive list of various equipment like electric fixtures, fans, lights, etc is maintained by the

store's section. Separate complaint books are maintained and defects are rectified at frequent intervals.

d. Laboratories: Laboratory staff carries out maintenance and small repairs regularly in their respective departments. While the calibration, repairing, and maintenance of sophisticated lab pieces of equipment are done by the technicians of related owner enterprises. The microscopes used for biological and geological experiments are annually cleaned and maintained by the concerned departments and the record of upkeep is maintained by lab technicians and supervised by HODs of the concerned departments. There is systematic disposal of waste of all types such as bio-degradable chemical/chemical and e-waste.

The condemned equipment and instruments are discarded and replacements are procured.

e. Library: The central library has a staff strength of 6 employees for the issue, returns, book sorting, and cataloging besides maintaining cleanliness. The library development is undertaken through LPC which is headed by the Director of the Institute and comprises one member from each department. It ensures proper development of the library which is fully digitized. The Library Management System is fully integrated with College ERP. The reprography and internet facilities have been outsourced.

d. IT facilities: the IT Cell has 5 personnel, comprising 1 IT system manager, 2 hardware engineers, and 2 desktop supporting staff. The computers in the various departments and IT laboratories, LCD projectors, biometric systems, etc are usually maintained by onsite service engineers and supporting staff employed by the college.

The ERP system and College Website are outsourced for development and maintenance. The administration of ERP system infrastructure is mainly taken care of by the above staff of the College and partially outsourced for software development and its maintenance.

e. Surveillance System: the college premises are under complete CCTV surveillance with its monitors installed in the office of the PS to Chairman. Maintenance, up-gradation, and upkeep of the surveillance system are being undertaken by the department of IT.

f. Transport: The transport-in-charge coordinates the movement, upkeep, and deployment of the college vehicles. The transport section comprises 8 college buses, 03 staff cars, water tankers, tractor trolley, and ambulance. These are maintained properly to be always in running condition. There are altogether 16 drivers and 09 conductors for smooth functioning. Jt. Director (Admin) is the overall in-charge of the transport and the purchases, repairs, and logbooks are maintained under his guidance. There is a proper indent system for the allotment of vehicles for additional duties.

New/ replacement vehicles are being purchased after assessing the requirement. The maintenance record of all vehicles is monitored for timely servicing, change of tyres and battery, etc. Driving licenses the drivers, insurance policies of vehicles, fitness certificates are renewed on time.

File Description	Document
Paste link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 3.77

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
140	322	5	3	1

File Description

Document

upload self attested letter with the list of students sanctioned scholarship

[View Document](#)

Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)

[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 0

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution / non- government agencies year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description

Document

Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)

[View Document](#)

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the

following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: B. 3 of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 17.81

5.1.4.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
287	123	636	441	343

File Description	Document
Number of students benefitted by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Upload any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 6.9

5.2.1.1 Number of outgoing students placed year - wise during the last five years.

2018-19	2017-18	2016-17	2015-16	2014-15
56	31	40	42	38

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years (Data Template)	View Document

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 38.84

5.2.2.1 Number of outgoing student progression to higher education during last five years

Response: 308

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education (Data Template)	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 60.78

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
14	9	9	3	4

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
36	31	25	3	4

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	View Document
Any additional information	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 4

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) year-wise during the last five years.

2018-19	2017-18	2016-17	2015-16	2014-15
0	1	3	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	View Document
e-copies of award letters and certificates	View Document

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

Response:

“Youth empowerment through quality education” is the vision-mission of the College. Students play an effective role in many Committees involved in academic administration, Curricular, Co-curricular, and Community Outreach activities.

In the student induction program, they are informed about the functioning of the HEI and their role. Students are actively involved in statutory committees like IQAC, Minority Committee, Sports Committee, etc. Students actively participate in the Hostel mess Management Committee to oversee the quality and hygiene of the hostel messes.

The student CRs play an effective role as the link between the class students and the department by managing overall discipline in the class, and its activities. Important announcements are conveyed through them. The issues concerning students are conveyed to the Class coordinator/ HOD through CRs. Each CR reports the day's teaching activities to the IQAC office.

The college has an active “Dolphin Students Welfare Committee” elected by students themselves every academic year. It is chaired by the Dean Student's Welfare, and functions under the auspices of Governing Council and Students Executive committee. It has established a 'student's welfare fund'. Its main objective is to look after the welfare of the students and to promote and coordinate the Human Values and Community Outreach activities through student participation.

The DSWC organizes sports and cultural events and competitions, tree plantations in the college premises and also in the city. The college conducts many Human Values Community Outreach activities in collaboration with local NGOs, Gram Panchayats, Police Department and News Daily's in which contribution given by the students is noteworthy, e.g. providing stationery, books, uniforms, etc to the underprivileged school children of adjoining villages and celebrating festivals like Deepawali with the children in the orphanage.

There are specific committees such as NSS, NCC, Scouts & Guides, YRC, etc. in which several students are involved and actively participate. It's an opportunity for them to give back something to their institute and society by developing their personality. NSS activities like popular talks, workshops, rallies, or any social event, our students are actively involved in the effective implementation of the event. NSS camp planning and execution can be the best example of student involvement in our college. NCC unit is one more model of student representation in our college where so much productive work is being done in the disciplined programs in the college.

DSWC also carries out philanthropic activities by taking up social causes like providing stationery, books, uniforms, etc to the underprivileged school children of adjoining villages. They celebrate festivals like Deepawali with the children in the orphanage. Also, organize blood donation camps and participate in events against the use of drugs and alcohol.

The college has conducted many activities in collaboration with local NGOs and SHGs in which the contribution by the students is noteworthy. It only happened due to the free representation of our students. Truly, the council helps students to engage in a concrete partnership with all the stakeholders in the functioning of the college.

File Description	Document
Paste link for additional information	View Document

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 6.4

5.3.3.1 Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
10	7	9	4	2

File Description	Document
Upload any additional information	View Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

The Institute has a vibrant functional Alumni Association/ Chapter which contributes significantly to the development to the development of the College in various ways.

- The college has an Alumni Association with the registration number 26478D, dated 22nd April 2013 and was valid till 17th April 2018. The college has duly initiated the proceedings for the renewal of the registration.
- The membership is free. So far expenditure for the activities of the alumni association is met by the College authorities.
- Association serves intending to strengthen ties between the College and its old students. The association forms a network that has spread through many educational and industrial organizations.
- Alumni Association has several office bearers both from within and outside the institute. Tenure for each office bearer is two years and elections are held accordingly.
- The association office works continuously and provides interactive platforms for alumni and present students through organizing reunions meet once in two years. The alumni meet is a social event in which there are cultural activities the whole day, besides the counseling by alumni. The alumni association has maintained the database of the addresses and telephone contacts of the alumnae.
- Association regularly meets and interacts with the management.

Alumni are constantly engaged in helping in organizing (on-campus and off-campus) recruitment sessions for current students for suitable jobs and internships. The information regarding openings is posted on the Facebook page or they contact directly in alumni office/concerned Head of Department. Alumni also coordinate the Industrial visits of the current students to the industries in which they are employed to provide the students with 'on-site' training and exposure. However, so far college has not received any financial support from the alumni.

Alumni, both from the academics and industry, regularly visit the institute for updating students with the latest trends during the academia-industry interactions organized. Any suggestions in modifications of laboratory curriculum as advised by alumni are modified by the concerned Department.

The alumni office in the institute recognizes the efforts of alumni concerning assistance provided in placements, guest lectures, professional excellence, etc., and confers the award of Excellence and Young Achiever to five alumni every year during annual day celebrations. The awardees hold a conclave with the present students during the day and share their experiences with them.

College Newsletter contains a column on distinguished alumni. It inspires the present students to strive for

higher goals in life.

File Description	Document
Paste link for additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: E. <1 Lakhs



Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

A. Vision and Mission Statement

Vision Statement:

Creation of an educated, ethical and prosperous society by imparting higher education to youth, enabling them towards integral human and career development in the industrial and human health sector.

Mission Statement:

Academic excellence, healthy standards in extracurricular practices, socially relevant activities, and courses leading to employment and entrepreneurship and continuous progress of the institution.

Guided by this vision and mission statement and the college work with the following objectives:

- To develop the intellectual capacity of students to search for truth and knowledge.
- To offer possibilities by which the students discern their purpose in life.
- To help them to achieve their goals by imparting education which is not only theoretical but also practically oriented, to help them to work efficiently outside the classrooms and the laboratories.
- To form social consciousness in them so that they may be capable of fostering good relationships with others, a sense of participation, and responsibility for the poor and weak.

B. Nature of Governance:

The objective of governance and leadership is implemented per the Mission, Vision, and Goals. The principle of decentralization and participative management is amply implemented in the college. The effective governance of the college involves Governing body, College Management Committee, Principal, Director, IQAC, Faculty, Admin staff, DSW Committee, Alumnus, Stakeholders, and employers.

The Governing Body delegates authority to CMC who, in turn, share it with the different levels of functionaries in the college by engaging itself with the day to day academic and administrative matters of the institute and meets periodically to plan policies relating to admissions, academic programs, recruitment of staff and infrastructure development. The Principal and the Director implement the decisions taken by CMC.

C. Participation of Teachers in Decision-Making Bodies.

Teachers are the key players in implementing the vision and mission of the college and play a proactive part in the decision-making process.

Heads of Departments enjoy considerable administrative and academic autonomy in executing the academics and extracurricular activities of their respective departments. They are Conveners of various committees and cells along with the staff representatives in higher decision-making bodies and play an important role in determining the institutional policies and implementing the same.

The College has constituted various committees with faculty as members for the proper functioning of the library, research, academics, sports, cultural activities, etc both in the campus as well as hostels.

Student Welfare Council comprises faculty and students. It coordinates various Community Outreach Activities.

D. Perspective/Strategic Plan:

Following are the major issues of focus for the holistic development of students.

- Extension to accommodate more classrooms, laboratories, auditorium, staffrooms, etc.
- Improvement of the Teaching-Learning Experience through greater use of ICT and other web-based innovations like Moodle, virtual classrooms, etc.
- Introduction of new subjects at UG & PG levels.
- Tie-ups with NGOs and adoption of neighborhood villages for HVCOs.
- Promote students to work on real-time projects for industries.
- To further strengthen the interaction with alumni.
- Strengthen Campus placements

File Description	Document
Paste link for additional information	View Document

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Response:

A decentralized administrative system to provide the best to the students is widely practiced in this

institution. The culture of participative management is practiced by involving faculty and staff members in multi-faceted roles through various committees constituted for academic and non-academic activities. Major committees comprise teachers, admin staff, and students both at the college as well as departmental level.

Important developmental plans are discussed by the Principal along with all the committee members. Plans are executed only after reviewing the suggestions. Monthly meetings of the local management committee with the Principal and staff enable them to participate and contribute to the personal as well as institutional growth.

The Principal assigns specific duties to various academic and administrative bodies of the college based on the suggestions made by the management. Senior faculty members are given responsibilities to act as mentors and counselors to minimize the centralization of authority, to make decisions, and implement them faster which helps to streamline the academic process and progress of the student.

The head of the department has been given adequate freedom and authority to decide on the various activities about academic and administrative work of their departments like procurement of instruments, books, and journals, etc, and activities to be done for the academic session under the guidance of the HOD or the other senior faculty members in the college. Thereafter execution is the responsibility of the concerned committee. The students play an active role in day to day functioning of the academics, extra and co-curricular activities in the college as well as the IQAC.

An ideal case study showing decentralization and participative management in the institution in practice could be the functioning of the Library Purchase Committee (LPC). It is headed by the Director and comprises one faculty member from each department of the college and the Chief librarian. The committee is fully empowered to purchase the required books every year or even intermittently within the allotted budget by the Chairman Management Committee.

Once the departmental library budget is allocated the Chief librarian calls a meeting of the LPC to discuss the requirements of books, journals, and e-material for various departments, which is being finalized after internal discussion in the department and respective HOD.

The LPC considers the list of books of individual departments and after discussion asks for modifications, if necessary. Once the list is finalized it is being approved by the LPC and the required quotations for supply are being called from leading booksellers.

Thereafter the lowest quotation is being approved by LPC and the formal purchase order is being placed by the Chairperson LPC. Once the books have been received a list is being again furnished to individual departments intimating the title of the books received for intimating to the students.

The process is an effective way of utilizing the funds efficiently in the shortest possible time since the process has been decentralized and is a participatory process of management of resources.

File Description	Document
Paste link for additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The college has long-term planning for growth and development as reflected in its Perspective Plan. IQAC of the college takes initiative in the preparation of the perspective plan. The Institutional Head and IQAC consider the quality indicators of certain criteria determined by NAAC. The framework of the plan is inclined towards the development of the institution that refers to quality sustenance and enrichment. It intends to cover social, economic, and spatial development. The strategic plan for various activities as per the norms by Affiliating University and UGC, namely,

- To introduce faculty to rapidly changing HE systems.
- An active and effective IQAC.
- Introduction of additional programs as per need and demand.
- The exploitation of various renewable sources over conventional sources.
- Academic, co-curricular, extracurricular, and outreach activities for the holistic development of the students.
- Equal opportunities to students irrespective of caste, creed, and gender.
- Supporting students to develop employability skills by hosting activities like career guidance and placement initiatives, coaching for competitive exams, counseling students for higher studies, etc.
- Holding annual EDP courses.
- Emphasizing enhancing learning resources in the form of ICT enabled teaching-learning, web-based programs, ERP system, Agriculture farms, poly houses, etc.
- Promoting sustainable research culture, freedom to publish results of research, guest lectures, and paper presentations; providing incentives to faculty for outstanding research publications.
- Improvement of infrastructure and library.

Consequently, the college has added the following UG and PG program during the preceding five years, i.e.,

1. B.Sc. Horticulture (2014-15)

2. B.Com. (2016-17)

3.M.Sc. Agronomy (2014-15)

4.M.Sc. Physics (2015-16)

5.M.Com. (2016-17)

Continuing further College also enhanced seats in the following programs during the above period, i.e.,

1.M.Sc. Chemistry from 20 to 40 in 2015-16.

2.M.Sc. Agronomy from 15 to 30 in 2015-16.

3.M.Sc. Botany from 30 to 40 in 2015-16.

4.M.Sc. Zoology from 30 to 40 in 2015-16.

5.B.Sc. Agriculture from 60 to 120 in 2015-16.

6.B.Sc. Agriculture from 120 to 220 in 2016-17.

7.B.Sc. Horticulture from 40 to 100 in 2015-16.

There was a huge demand for more seats in B.Sc. Agriculture and Horticulture. College sent the request to the affiliating University for increasing the seats. After the necessary inspection and on being satisfied University approved the proposal in two phases. College also has plans in place to start 30 hr certificate program in collaboration with the National/ State Institutes of repute.

Our pass-out results in University exams during the preceding five years have been 95-100%.

During the current academic year (2018-19) college has 2666 students on the roll, with 42% girl students. About 17.47 % of the students of the college are drawn from backward communities (SC, ST, and OBC). Thus, there is a renewed focus on access and equity by the College. The students are diverse and represent 28 States & 03 Union territories of the country and from Nepal.

File Description	Document
strategic Plan and deployment documents on the website	View Document
Paste link for additional information	View Document

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Response:

The Dolphin Educational Society, New Delhi, registered under the Indian Society Act -1860, is the governing body for the College. Four nominated members of the society function as de facto members of the governing body which lays down the principles for the management of the college.

The College Management Committee is headed by the College Chairman, who is the Vice President of DES, and comprises eminent academicians, professionals, and stakeholders. The Principal functions as a member secretary for the CMC. The committee provides the overall guidelines for achieving various goals and the direction in which the college should move in. It makes major decisions like the recruitment of teaching, technical and admin staff, addition/ abolition of an academic program, infrastructure, overall academics, curricular and extracurricular activities, allocation of the budget under different heads, students support and welfare schemes, etc. However, decisions are participatory and get initiated at the Department/ section level. Depending on the nature of the decision it may be taken at the level of HOD, faculty/ admin/ accounts/ members of IQAC.

The Principal is responsible for the effective functioning of the academics in the college on a day-to-day basis. The HODs/ Course Coordinators are responsible for the day-to-day administration of their respective departments. IQAC, DSW, Controller of Exams work in tandem with the Principal.

The Director looks after the overall administration and is duly assisted by an Additional and Joint Director Admin. The Director also heads the library committee and functions as Chief Editor of the College's quarterly Newsletter '*Dolphin Insight*'.

IQAC is responsible for evolving quality systems for well-thought programs and strategies to improve the academic and administrative performance of the College.

There are a number of both statutory and other committees for academics, research, EDP, and administrative matters pertaining both to the college and the hostels. They have representation from academics, accounts, and admin sections to ensure a quick and effective decision-making process.

The statutory committees are the Anti-ragging Committee, Grievance Redressal Committee, Internal Compliance Committee, Committee for SC, ST & OBC students and Committee for Minorities, Finance Committee, Purchase Committee, Students welfare Committee, women Empowerment Committee, etc.

Some of the other key committees are Disciplinary Action Committee, Store Purchase Committee, Library Committee, Cultural Committee, Sports Committee, Examination Grievance Cell, College Newsletter Editorial Board, Hostel Committee. There is a separate Training and Placement Cell.

The college has a well-defined and transparent policy for the recruitment of the faculty which is per the guidelines provided by the affiliating University. Similarly, admin staff is recruited through a selection committee.

Service rules have been framed both for teaching and non-teaching staff of the Institute and are printed and circulated. The promotion rules for faculty are per the UGC guidelines for the Colleges.

There is a staff grievance Redressal cell headed by the Principal, who is duly assisted by senior faculty and Admin officers in disposing of any such grievances.

File Description	Document
Paste link for additional information	View Document
Link to Organogram of the Institution webpage	View Document

6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP (Enterprise Resource Planning) Document	View Document
Details of implementation of e-governance in areas of operation, Administration etc	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

The College management recognizes the commitment and dedication of the teaching and non-teaching faculty. It always strives to satisfy the needs of the employees proactively. The College helps the faculty and staff with various monetary benefits and perks through different schemes.

The management maintains harmonious relations with the staff and social and cultural festivals like Holi, Diwali, etc are celebrated together in a big way. Chairman organizes informal reception and get together for everyone and makes it a point to attend them and to motivate the staff and students.

Some of the important welfare measures for the employees of the institution are as below:

1. Medical facility:

- All regular employees of the College are provided free medical OPD consultation and medicines and Physiotherapy Center facility. Additionally, a 50% discount is provided to staff for all diagnostic tests undertaken in the college diagnostic lab.

- Many times, in case of medical emergency college also provides financial support to employees and treatment of their family members in city hospitals.
- Additionally, they are paid a full salary during serious illness requiring hospitalization.
- The college has the provision of the ESIC scheme for employees under NPS. The college bears 3.25% of 4% monthly subscription, while an employee has to pay only 0.75% subscription.

2. Maternity leave:

As per Govt. Guidelines college grants 03 months maternity leave to its women staff with full salary up to two children.

3. Loans and Advances:

- Provision has been made for grant of interest-free loans to faculty/ staff in case of emergent personal needs such as medical emergencies, children's education, procurement of movable or immovable assets, etc to mitigate financial hardships.
- Provision of the payment of interest-free advance salary to all employees.

4. Educational Facilities:

- Provision has been made for a complete waiver of tuition fee for the staff children studying in any program in the College.
- The tuition fee of the staff children up to class XII studying in any school is reimbursed by the College on the production of fee receipt.

5. Compensatory appointments:

- As a matter of compassion for its Admin./ technical Employees College provides suitable employment for one family member of the deceased employee during service.

6. Incentives to faculty towards research activities:

- The college has made provision for granting financial incentives to the faculty for publishing research papers, etc in peer-reviewed journals.
- The management encourages faculty to attend national and international conferences, seminars, and workshops by sanctioning duty leave and reimbursement of the registration fee for attending two events annually.

7. Miscellaneous facilities:

- The College provides financial support for solemnizing the marriage of the girl child of its employees.
- Free transportation to all faculty and staff from home and back by College buses.
- A canteen and coffee shop is provided inside the campus with subsidized rates to provide

refreshments to the staff.

- Free tea is served to all employees twice on all working days.

File Description	Document
Paste link for additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 0

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Upload any additional information	View Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 2.8

6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
2	4	2	3	3

File Description	Document
Upload any additional information	View Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).**Response:** 4.74**6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
5	14	1	1	0

File Description	Document
Upload any additional information	View Document
IQAC report summary	View Document
Details of teachers attending professional development programmes during the last five years	View Document

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff**Response:**

A good performance management system works towards the improvement of the overall organizational performance of teams and individuals for ensuring the achievement of the organizational mission and vision. It also plays an important role in efficiently managing the organization. In line with this, the

College is following the appraisal scheme based on PBAS methodology by UGC. In this scheme, the performances are classified into the following categories:

- (i) Teaching, Learning, and Evaluation related activities
- (ii) Research Publications and Academic Contributions
- (iii) Co-Curricular, Extension, and Professional Development related activities

It also involves details of seminars attended/paper presentations in State/National or international seminars/workshops, guest lectures delivered, use of ICT enabled teaching, involvement in university academic work like question paper setting, examination work, BOS, BOEs, etc.

The appraisal forms are assessed by the HODs, and the Principal of the college and positive and constructive feedback is shared with the faculty. The Principal counsels the faculty members to improve their performance, if necessary. Faculties are also asked to get involved in various committees, activities of the college which are evaluated by the IQAC. They are encouraged to attend/present papers in seminars and workshops. Faculty members are also motivated to upgrade their qualifications (Ph.D.) and encouraged to clear NET or SLET, wherever applicable. The teacher's diaries and lesson plans and other individual records of each staff member are checked every semester. These are cross-checked with ERP records made by individual faculty.

Further, at the end of each semester, feedback forms are issued to the students for every course attended by them. The feedback forms in the form of a questionnaire collect information about the teacher and different aspects of the teaching process. Teams comprising the IQAC members go through the feedback forms collected from the students and suggest suitable measures to improve the teaching-learning process. Recently the feedback form has been made online and is accessible through college ERP. This is further intimated to the concerned faculty in the monthly meeting and suggestions for development or appreciations are made.

As such, there is no performance appraisal system followed for nonteaching staff in the institute. Non-teaching staff like the librarians, office staff, support staff, etc are currently not given any appraisal forms. Their performance appraisal is done by the Additional Director based on various parameters for staff members under different categories i.e.,

character and habits, departmental abilities, the capacity to do hard work, discipline, reliability, relations/co-operation with superiors, subordinates, colleagues, students, and the public. The capability of drafting (*where applicable*), an efficient organization of documents (*in case of ministerial staff*), and technical abilities (*in case of workshop staff*) are taken into account for appraisal.

The increments and promotions of faculty and staff are based on their appraisals.

File Description	Document
Paste link for additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The College is a self-financed institution and does not receive any grants or donations from external sources. It generates its financial resources. The major source of Institutional receipt is from the fee received from the students comprising Tuition fee, Admission fee, Examination fee, Transportation fee, Hostel, and Mess fee. The financial resources of the college are effectively managed under the guidance of the College Management Committee who is ably assisted by JD Finance.

There is a full-fledged Accounts section manned by two full-time accountants who are supervised by a senior Jt. Director (Finance), who in turn are ably supported by a qualified external CA. Regular internal audit is being done by JD (Finance). The statutory audit is being done by duly appointed Chartered Accountants, i.e., M/S Kailash Chandra & Co., New Delhi.

The majority of financial transactions both incoming and outgoing are done on-line through banking channels. However, occasionally odd collections are deposited the same day in the bank and all expenditure, recurring and non-recurring are incurred through cheques or NEFT. Chairman and Principal of the College are duly authorized persons to operate the bank accounts.

For an effective check on receipts and payments, the two-tier system is followed. Every transaction is supported by the vouchers.

Separate accounts are maintained for all the grants received for projects, workshops, etc to use the financial resources efficiently and effectively. These are operated by individual PIs/ treasurer jointly with the Principal of the College. The UC of these is duly audited by a Chartered Accountant and submitted to the funding agency.

Institutional Mechanism to monitor the financial resources of the Institute is done by adopting the following procedures.

- (a) Receipts and payment account.
- (b) Income and expenditure account.
- (c) Balance Sheet account.

The external auditor's report is placed before the College Management Committee for acceptance. The reserve/ corpus fund available with the Institute is duly mentioned in the Annual Balance Sheet.

The College has evolved a standard procedure for settling audit objections by maintaining a register which has a provision for recording the audit objections, action taken report for settling the said objections for approval by the next audit party and dropping the same thereafter. However, every audit objection till such time that it is settled by the audit party shall remain standing in the audit objection register.

The last audit report of FY 2018-2019 and the balance sheet along with the audit report have been

received. There is NO ADVERSE feature noticed in the said audit report.

File Description	Document
Paste link for additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Sources of funds are as follows:

The institute is a private unaided self-financed college and not getting any financial aid/grant from the state or central government. Fee collection is the only major source of revenue/income generation for the institute. The other sources of funds for the college are grants received from various Govt. agencies for conducting research projects, workshops-seminars, and conferences. An audited income and expenditure statement is available. The short-term deficit, if any, is managed by taking advance from the bank within the sanctioned OD limit and is repaid subsequently.

The Institution has a well-set mechanism to monitor efficiently the available resources. Purchases are made with the recommendations of the duly constituted purchase committee. The amounts withdrawn from the banks follow a systematic mechanism of obtaining approval at various levels.

Optimum utilization of funds is ensured through:

The institute has a well-defined mechanism to monitor the effective and efficient utilization of available financial resources for the development of academic processes and infrastructure development.

The overheads of the institute are as follows:

- **Salary and Staff welfare**
- **Administrative Expenses:** Property Tax, Electricity Bills, Water bills,

Maintenance expenditure, technical and other infrastructural expenses, etc.

- **Academics Expenses:** Printing and Stationery expenses, Financial support for attending

FDP/ Workshop, remuneration to the practical examiners, guest speakers, field visits. etc.

- **Library Expenses:** purchases of new books, journals, periodicals, etc.
- **ICT development and maintenance.**

Strategies for the utilization of Funds

- The institutional budget is prepared by the Management Committee taking into consideration of recurring and non-recurring expenditures.
- The administrative and academic heads submit the budget required for the subsequent financial year to the Principal.
- Major financial decisions are taken by the College Managing Committee headed by Chairman.
- Major financial transactions are analyzed and verified by the JD (Accounts) under different heads like:

1. Salaries

2. Office expanses

3. Material and supplies

4. Infrastructure

- Institute adheres to the Utilization of the budget approved for the above expenses by the management committee.

- The purchasing process is initiated by the purchase committee which is headed by the Principal and includes all heads of departments, AD (Admin), and Purchase Officer.
- The payments are released after the delivery of the respective goods and are done as per norms.
- Every transaction has transparency through bills and vouchers. The bill payments are passed after testing and verification of items.
- Only authorized person(s) operate the transaction through the bank.
- Respective faculty member ensures that whether suitable equipment/machinery with the correct specification is purchased.
- The entire process of the procurement of the material is monitored by the Purchase Committee and Principal at the institute level than the finance department.
- The financial audit is conducted by an external authorized Chartered Accountant every financial year to verify compliance.
- An annual audited balance sheet is maintained by the college.

File Description	Document
Paste link for additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

- The College IQAC plays a crucial role in developing quality assurance mechanisms in the teaching and learning process in the college by implementing innovative ideas.
- It has 25 members including Management representatives, faculty, external experts, representative industries and hospital, alumni, community representatives/ stakeholders, students, admin, and technical staff.
- The main objective is not only to propose and put into practice the quality initiatives but to also review their progress by holding meetings with structured agenda.
- It prepares and submits the Annual Quality Assurance Report (AQAR) of the college.
- IQAC holds timely meetings, analyses the feedback from students, and submits the proposals to the

management committee suggesting a quality enhancement process within the college.

- IQAC holds at least one formal session with the staff members for explaining to them the importance of effective implementation of the decisions recommended by IQAC for the quality assurance procedure.
- The IQAC encourages the use of ICT in the teaching and learning process by as many employees as possible.
- It prepares the background information for the introduction of new programs/ add-on courses based on the recommendations of various stakeholders.
- IQAC takes initiatives to pursue the conduction of Workshops, CMEs, and H-o-T programs in association with different departments.
- It also conducted a workshop in collaboration with NAAC.

Two practices institutionalized as a result of the IQAC initiatives:

IQAC recommended the introduction of the following two programs in the College, namely,

1. ERP system: It was introduced in 2017-18 for monitoring the teaching-learning process involving various stakeholders i.e., students, faculty, and parents for automating the academic process in the College.

Following are the current operational modules:

1. Classroom teaching time table management
2. Teaching plans
3. Generation of the daily progress report.
4. Internal examination management
5. Library management
6. Access to e-library and OPAC.
7. Provision of study material.
8. Online feedback from students
9. Attendance management for teachers, students, and staff.
10. Leave applications faculty.
11. Circular and notices.

12. Attendance management for Girls hostels.

2. Introduction of online courses for skill development by SWAYAM NPTEL & agMOOCs

Over the decade, NPTEL has become the most extensive and most viewed education channel in the world. The College introduced NPTEL and agMOOCs online courses for its students and faculty from 2015-16. College is also designated as a Local Chapter for NPTEL activities.

A consortium of leading institutions launched agMOOCs to help students, professionals, and organizations to acquire and enhance knowledge and skills in the agriculture domain. The platform provides free access to numerous high-quality courses online offered by renowned faculty from the premier institutes of the country. Participation and Competency certificates are awarded to qualifying students based on their involvement and performance.

Between 2016-17 and 2018-19 altogether 24 online courses have been completed by 46 students and 12 faculty of the college. On average 63% of faculty and students from the College have secured distinction.

File Description	Document
Paste link for additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

The IQAC of the Institute is quite active and plays a crucial role in the overall quality enhancement of the academic matters in the college. The suggestions and decisions reached in IQAC meetings are conveyed to the Management Committee for deliberations. The IQAC continuously coordinates between the students, faculty, and the Management Committee through its good offices.

Methodologies of operations:

The perspective plan for the development of the college is being updated regularly based on the changing needs, recommendations of the IQAC, and the decisions of the Management Committee. The teachers and other stakeholders are part of the developmental plans and have considerable say in these matters. The departments invariably undertake SWOT analysis and based on this the HODs send their recommendations to the Principal for the consideration of the IQAC and the Management Committee.

Based on the above recommendations IQAC has contributed in the following two incremental improvements made during the preceding five years (2014-15 to 2018-19) concerning post accreditation

quality initiatives in formulating academic activities like (i) sharing with the Principal the summary of the feedback forms from students, details of teacher's diary, students attendance and assessment records, etc. and, (ii) coordination of holding of workshops, seminars, CME, H-o-T and inviting eminent academicians for delivering guest lectures, etc. for the students and faculty of the College.

Outcomes:

1. Teaching learning process:

1.i. Preparation of Lesson Plan: The teaching-learning process is continuously reviewed by the Institution and is effectively implemented as per the requirements. Faculty members are instructed to prepare their lesson plan at the beginning of the semester for their respective subjects including topics, planned date, expected learning outcome, instructional strategies/ resource usage, and the evaluation technique. Lesson plans are strictly followed by the teachers and are monitored by the HOD and Principal. The lecture delivery system is analyzed with the help of a lesson plan. Teachers are expected to conduct extra classes for slow learners.

The Head of the Department reviews the progress of the completion of the syllabus periodically in the staff meetings. The Principal personally reviews the implementation of the academic calendar. Any discrepancy in the implementation is taken seriously.

The review of learning outcomes is done by taking feedback from the students. Oral feedback is taken by the HOD and IQAC, on-line feedback through ERP is also in practice. Corrective measures are taken by the Principal. This has led to an overall improvement in the teaching-learning process. In the case of the physiotherapy department, clinical orientation through case discussions and presentations is undertaken.

1.ii. Mapping the Students according to their performance:

During monthly meetings, Students' progress is monitored mainly to identify and counsel the slow learners in academics and have less attendance, and also to encourage them to attend special classes. Based on the performance the students are classified as G1, G2, and G3.

G1-The high performers are provided additional assignments, advanced level problems. Extra efforts are made to help them excel in their academic performance.

G2 –Mediocre students are those who manage to pass or clear their subjects. They are being counseled by the class mentors and motivated to practice more for improving their performance.

G3 –Slow learners are provided coaching through the tutorial and remedial classes. A continuous evaluation of their performance is undertaken by the faculty members by frequently conducting written and oral tests.

2. Workshops, CMEs, hands-on-trainings, seminars, Symposiums, etc for students and faculty to strengthen curriculum and research culture in the College

The true nature of education is not only to obtain theoretical and practical knowledge of a defined course curriculum but also to gather and harvest knowledge from different sources both theoretically and practically, to make the concept clear about the subject and also helps the student to gain insight in recent

trends and advances in the concerned field.

Given the above Philosophy College make a regular endeavor to provide students with contemporary knowledge on current developments in various fields of science with better practical utility and applicability in their professional life.

Therefore, IQAC emphasizes conducting multiple workshops, CMEs, Hands-on-Trainings, seminars, symposiums, etc in collaboration with reputed organizations or trainers in the field of the subject to enrich the knowledge and skill development of our students and faculty.

It is noteworthy to mention that in the preceding five years (2014-19) college has organized 70 such events. Of these 15 were CME Workshops, 06 H-o-T, 31 symposiums, and seminars, including IPR Workshops. IQAC also conducted 01 National Seminar sponsored by NAAC, 01 Workshop on women empowerment with DLC, and 05 NEAP workshops in collaboration with Punjab State Council for Science & Technology; 05 Workshops and 17 orientation programs in association with Training and Placement Cell and 05 online courses under with EDP. Local chapter NPTEL conducted 01 FDP program with support from IQAC.

These workshops etc were conducted in collaboration with National Research and Development Institutes like NAAC, Wildlife Institute of India, ZSI, FRI, SBD, UCOST, PSCST, Delhi University, NDRF, Ministry of Skill Development & Entrepreneurship, EDI, NIESBUD, and DLC. Many of these were funded by DST, DBT, DRDO, TERI, PSCST, UCOST, SBD, and NAAC.

3. Guest lectures by eminent scientists, academicians, and industry experts:

Content beyond the syllabus was introduced by the IQAC which is fully supported by the management. Apart from the regular classroom lectures by the faculty guest lecture are arranged by eminent academicians and scientists from research organizations, and experts from Industries and hospitals to provide an extra edge to the students. All together 75 guest lectures on various topics of academic, research, and academia-industry interaction were hosted between 2014-15 and 2018-19 to expose the students in advance areas of their respective subjects. In some programs like MPT sharing of recent advances in the concerned field through discussion of recently published articles is undertaken through seminars conducted by eminent speakers.

These lectures facilitated the students to learn in-depth about the updated academic / research and industry requirements and the necessary skills they should be equipped with for enhanced academic achievements leading to better placements.

File Description	Document
Paste link for additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**

- 2. Collaborative quality initiatives with other institution(s)**
3. Participation in NIRF
4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

Response: C. 2 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document
Upload any additional information	View Document
Paste web link of Annual reports of Institution	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

The college is a co-education institution and is sensitive towards women issues and imparts gender sensitivity among students, faculty, and staff. College shows gender sensitivity in providing a safe and sound campus for female students, women faculty, and staff members.

The College has Internal Compliance Committee, headed by the lady Principal, and comprises senior lady faculty and staff as members. Its main aim is prevention, prohibition, and redressal of sexual harassment of women employees and students in the institution.

Further College has a Women Empowerment Cell to assist and counsel the girl students and lady staff regarding their day-to-day activities. Senior lady faculties in the college act as a counselor for girl students. It can be stated with due pride that the incidents of sexual harassment of women students/ staff are so far nil due to the discipline in the College campus/ hostels.

Various programs related to gender issues, safety, and social security of girl students are organized regularly under the aegis of Women Empowerment Cell, NSS, NCC, Scouts, and Guides. One day seminar on 'Women Empowerment and Legal Awareness' was jointly organized with District Legal Authority, Dehra Dun on 6th June 2018. Govt. officials from various departments like Health, Social Welfare, Women and Child Development also interacted with the participants.

Conscious about the social responsibilities towards women, College started a Vocational center for women in 2016 intending to make village women financially independent. More than 100 women from adjoining villages have been trained in stitching, craftwork, computers, and beautician's courses so far. College also had a scholarship scheme for financially weak meritorious girl school students up to class XII in various schools of Dehra Dun from 2014 to 2017.

College invariably celebrates International Women Day on 8th March every year by encouraging faculty and students to participate in seminars, talks organized at the regional/national level related to gender equality, women empowerment through education in science and technology on occasions like these. Departments also organize poster presentation, painting competition, debate, skits on the issue of women empowerment and sensitivity. Girl students are provided training on self-defense via martial art camps.

The whole College building is under CCTV camera surveillance with a monitoring room in the office of the PS to the Chairman.

The college has separate hostels for girls with full security including CCTV surveillance and 24x7 security guards. College provides transport to girl students in the hostels.

The college has a common room for the girl students with adequate facilities. A fully functional health Centre with two full-time doctors and nursing assistants and an ambulance is in place to offer medical care

for minor issues and first aid.

The lady employees are entitled to 90 days of maternity leave with a full salary of up to two children.

There is no discrimination in the college based on gender. Diversity of girl students and lady faculty is more than 40% during preceding five years. The NCC girls unit is very active in the College and has won many prizes.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Link for annual gender sensitization action plan	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Response: B. 3 of the above

File Description	Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Response:

A clean and healthy environment is an important pre-requisite in an educational institution. Our college emphasizes adopting good practices and developing environmental consciousness in the college and its environs through various endeavors in different stakeholders like students, staff, and the neighboring Panchayats. The college is conscious of its responsibility to contribute its bit in making the campus eco-friendly and also keep it clean as per the directives under the 'Swatch Bharat Abhiyan'.

Waste generated on the campus is segregated as Hazardous and non Hazardous waste (solid or liquid) and e-waste.

1. Hazardous waste management:

Biomedical waste:

Bio-medical waste means any waste, which is generated during the diagnosis, treatment, or immunization of human beings or animals or research activities pertaining thereto or in the production or testing of biological or in health camps. The quantity of such waste is around 10% to 15% of total waste generated.

The college has adopted recent 'Guidelines for management of Healthcare waste as per Biomedical Waste Management Rules, 2016' by the Ministry of Health & Family Welfare and MOEF & CC.

1. Yellow container is used for the collection of human & animal anatomical waste, soiled waste, expired and discarded medicines, chemical waste.

2. Red container is used for the collection of contaminated waste containing disposal plastic items.

3. White container is used for contaminated sharps including metals.

4. Blue container is used for glassware.

Each lab displays a chart explaining the uses of different colored containers.

No radioactive material is being used in the College.

All infectious samples, media, and swabs are first autoclaved and then kept in different containers for their disposal.

2. Non-Hazardous waste management: up to 85% of waste generated on college campuses is non-toxic and non-hazardous.

General waste management:

The general waste consists of all the waste other than bio-medical waste and which has not been in contact with any hazardous or infectious, chemical, or biological secretions and does not include any waste sharps.

2.1. Solid waste comprising plastic and paper is collected in separate dustbins and handed over to authorized persons from Gram Panchyat Nao Gaon. Old newspapers, Books, used water bottles, etc are sold to vendors dealing in such items. Recently a ban has been put on the use of plastic bottles on the campus.

2.2. **Liquid waste** generated in the college and hostel kitchen and canteen is collected in the pits and disposed of through vendors on a payment basis. Garden waste-leaves, flowers, etc are converted into Vermicompost.

3. e-waste management

College doesn't have any e-waste as a dump since we dispose of and replace the electronic goods whenever needed.

Discarded scrap, batteries, computers, printers, and broken laboratory equipment are safely stored in an allotted room or are either sold under buyback scheme/ disposal through condemnation. The college has constituted a disposal committee for this purpose.

Awareness about the plastic-free campus is spread through activities under Swatchtha Abhiyan and the display of posters in the College building and ground.

File Description	Document
Any other relevant information	View Document
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	View Document

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

Response: C. 2 of the above

File Description	Document
Link for any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic

5. landscaping with trees and plants**Response:** B. 3 of the above

File Description	Document
Link for any other relevant information	View Document

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions / awards
5. Beyond the campus environmental promotion activities

Response: D.1 of the above

File Description	Document
Link for any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

1. Built environment with ramps/lifts for easy access to classrooms.
2. Disabled-friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: D.1 of the above

File Description	Document
Link for any other relevant information	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).**Response:**

The students' population on campus in terms of race, gender, religion, and other factors show remarkable diversity. This diversity on college campuses enriches the experience in various ways. For many students, the non-homogenous composition of the College population becomes their introduction to the world as it is

a departure from their sheltered backgrounds. For others who are already familiar with diverse communities, the multi-ethnic multicultural campus environment is an affirmation of their experience. Navigating the cross-cultural fabric of campus life is part of the overall learning experience for everyone.

Students arrive on college campus with their personalities and perspectives already fully formed but still malleable. This sense of self-knowledge is sharpened with exposure and close contact with others whose life experiences are on the opposite spectrum. Engaging with others whose opinions, customs, and personal lifestyles differ sharply from theirs increases their self-insight. In turn, this type of exposure helps them make informed decisions about their career direction.

The College has a wide representation of vast demographic diversity of our country and by and large students from almost 90% States and UT of the country are studying in the College, besides students from two SAARC countries, namely Bhutan & Nepal.

College regularly conducts seminars and debates on the importance of maintaining the social fabric in the society irrespective of caste, creed, and religion. Eminent socialists are also invited to deliver talks on National Integration and Unity in Diversity.

Following are the major HVCO activities carried out in the College involving students and the faculty, namely,

1. Various activities on National unity day.
2. Seminar on National integrity.
3. 'Nai Pahal' A noble initiative in Fight against drug abuse
4. Swatchtha Abhiyan
5. Plantation drive by distributing saplings cultivated by College students
6. 'Muskan' extending a helping hand to needy children
7. Extending medical and physiotherapy assistance to the geriatric rural population in the neighboring Panchayats.
8. Involvement with the local communities in spreading awareness about road safety, environmental issues, personal hygiene, and health.
9. Providing financial support to the underprivileged school children in the form of books, stationery, school uniform, and scholarships.
10. Blood Donation camps.

Efforts are made by authorities to amalgamate them by providing opportunities to expose their social and cultural activities in the form of ethnic dances, songs, and plays especially during the one-week-long College Social Fest 'Srijan' which means unity in diversity. Students from the cross-section of the States

are encouraged to participate in each other's cultural activities. It is finally very well presented during the College Annual day function in presence of parents, guests, and dignitaries.

The above activities lead the College towards achieving its major objective, i.e., 'to form social consciousness in students so that they may be capable of fostering a good relationship with others, a sense of participation and responsibility for poor and weak'.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

The College takes pride in that apart from preparing a sound academic foundation of the student community; it constantly works to develop them as better citizens of the country. In this regard, the College inculcates a feeling of oneness among the student community through various practices and programs like student and staff participation in Independence Day, Republic Day, Gandhi Jayanti, Youth parliament, Ambedkar Jayanti, Tiranga Yatra, Run for Unity, and Sardar Patels B'day through DSW, NCC, and NSS to motivate the students and employees to adopt and promote the "National values". The College students participate enthusiastically in all such activities. The college has strived forward with sincere effort to increase the level of awareness and appropriate practices amongst the students and staff concerning the following areas:

1. National Identities and Symbols: The College has undertaken various direct and indirect steps which promote awareness about various National Identities and Symbols. The Indian Tri-colour stands tall on the front lawn of the College spreading the message of 'nation first' policy. Just behind the tricolor, three placards are displaying the photographs of 'Baharat Mata with the map of India' in the background, flanked on one side by a picture of Swami Vivekananda, and martyrs like Bhagat Singh, Sukhdev, and Rajguru on the other side.

To commemorate the sacrifices of war heroes the entrance wall in the college has been dedicated as '*Shaurya –ki-Deewar*' for displaying photographs of all Param Veer Chakra winners.

The College celebrates the Independence and Republic Days with great enthusiasm and national fervor. The DSWC co-organizes Youth Parliament on an annual basis and thus contributes to the spreading of Constitutional values and ideals.

The national anthem is broadcasted throughout the campus daily in the morning and is followed by national integration songs.

2. Fundamental Duties and Rights of Indian Citizens: The DSWC organizes various academic and co-

curricular activities for inculcating the 'Fundamental Duties and Rights' of the Indian citizens. College students enthusiastically participate in programs such as classroom seminars, guest lectures, etc to enrich the awareness about these aspects; **b.** various student-centric activities like poster-making competitions, debates, recital of poetry, and speeches are held on National days.

Seminars on National integration are conducted in the College regularly wherein guest speakers from different religions and lifestreams are invited to share their views on the unity of cultures with the students.

The NCC cadets and NSS volunteers, and Paramedical students from the College organize camps in the neighborhood to spread awareness about cleanliness, women's hygiene, geriatric disease preventions, etc which have always received huge participation from the students and promoted their social responsibilities as good Indian citizens.

Many such activities have been uploaded separately.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. The Code of Conduct is displayed on the website
2. There is a committee to monitor adherence to the Code of Conduct
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

Response: C. 2 of the above

File Description	Document
Code of ethics policy document	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

Our students are on a mission towards a better India. They come together breaking the boundaries of religion and caste. The institution celebrates Days of National Importance like Independence Day, Republic Day, and Gandhi Jayanti with fervor and festivity. Death and Birth anniversaries of great personalities like Mahatama Gandhi, Neta Ji Subash Chander Bose, Swami Vivekanand, Swarpali Radha Krishnan, etc. are celebrated every year to recall the events or contribution of our leaders in building the

nation. Thoughts of great Indian personalities sowed into the young minds through the exhibitions and programmers conducted these days. Their 'quotes' are also displayed prominently in the college and hostels. It promotes unity in diversity and a feeling of oneness amongst the students who are the pillars of future India. This helps the students to understand how to evaluate a prosperous, happy, and peaceful India.

Important Days of National and International events like Environment Day, Wetlands day, Earth Day, etc are also celebrated meaningfully by organizing seminars, guest lectures, and field visits for students. College is a multidisciplinary HEI and therefore different departments commemorate various National and International days related to their fields like Forestry Day, Physiotherapy Day, and Wetlands Day, etc. The list is supplemented.

The institution celebrates these days of national importance.

Independence Day: is celebrated every year with a great enthusiasm with the flag hosting by the Chairman, Director, and Principal and mass rendering of National anthem; followed by speeches by college authorities and cultural events by students exhibiting struggle for Indian freedom.

Republic Day: is celebrated every year marked by flag hoisting, speeches, and cultural programs by students enlightening about the composition of the constitution, pledge taken for complete independence (Poorna Swarajya) of India on 26th of January 1950.

Gandhi Jayanthi: is celebrated on the college campus on 2nd October every year to mark the birth anniversary of Mahatma Gandhi. The principles of truth, non-violence, and honesty are pledged through lectures, exhibition, and poster competitions.

Neta Ji Subhash Chandra Bose Jayanti: On this day every year program is organized to pay homage to the great freedom fighter and to remember his contributions to the Indian freedom struggle.

Swarpali Radakrishanan Jayanti (Teachers day): This day is celebrated each year recognizing the contributions and achievements of teachers. Students organize various cultural programs in their respective departments to honor their teachers.

The College management honors the outstanding teachers with awards in cash and kind in various categories.

International Yoga Day: Yoga Shivar is organized regularly for the staff and students of the College to which Guest Yoga trainers are invited. The lecture is arranged to highlight the importance of Yoga in our lives.

International women's Day: International Women's Day (March 8) is a global day celebrating the social, economic, cultural, and political achievements of women. College makes sincere efforts in elaborating the above philosophy by holding related activities on this day.

The college celebrates social festivals like Deepawali and Holi symbolizing national integration and opportunity for social interaction among staff and management.

File Description	Document
Link for Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

1. Title of the practice:

A contemporary method-based approach towards quality-oriented education.

2. Objectives of the practice:

The true nature of education is not only to obtain theoretical and practical knowledge of a defined course curriculum but also to gather and harvest knowledge from different sources both theoretically and practically, to make the concept clear about the subject and also helps the student to gain insight in recent trends and advances in the concerned field.

Therefore, the college endeavors to emphasize conducting multiple workshops, CMEs, hands-on-trainings, seminars, symposiums, guest lectures, etc in collaboration with reputed organizations or trainers in the field of subject for up-gradation of teaching and learning.

3. The context:

Because of providing the extra edge in the knowledge and skill development of our students, the college has taken several innovative initiatives other than the regular teaching and learning process as per the curriculum. The basic ideology is to provide students with contemporary knowledge on current developments in various fields of science with better practical utility, which students may also find interesting. They can practically see and try themselves the applicability of the knowledge in their professional life. Some of these activities in the college are described below.

4. The practice:

Many of the steps taken to create a positive impact on the teaching and learning process in the Institute have already been highlighted earlier in the present report. Nevertheless, an in-depth review of these practices is provided here.

To impart an effective teaching-learning process and up-gradation of subject knowledge of students and faculty members, the college organizes various workshops, CME, hands-on-training, seminars, symposiums, and one-day colloquium, etc.

It is noteworthy to mention that in the last five years (2014-19) college has organized 70 such events. Of

these 15 were CME Workshops, 06 H-o-T, 31 symposiums, and seminars including IPR Workshops. While IQAC conducted 01 National Seminars sponsored by NAAC and 05 NEAP workshops in collaboration with Punjab State Council for Science & Technology, Chandigarh. Training and Placement Cell conducted 05 Workshops and 17 orientation programs. EDP Cell of the College conducted another 05 workshops. Local chapter NPTEL Local chapter conducted 01 FDP program.

Workshops etc were conducted in collaboration with National Research and Development Institutes like NAAC, Wildlife Institute of India, Zoological Survey of India, Forest Research Institute, State Biotechnology Department, UCOST, Punjab State Council for Science & Technology, Delhi University, NDRF, Ministry of Skill Development & Entrepreneurship, GOI, EDI and NIESBUD. Simultaneously many of these were funded by DST, DBT, DRDO, UCOST, SBD, and NAAC.

The said practice is unique as it gives our students exposure to the State of the Art technology and theoretical advances made in various related fields since the resource persons are always chosen among the eminent scientists and academicians.

We strongly believe that this exposure helps them tremendously in achieving their goal.

As such we did not feel any constraints other than financial support, particularly from UGC due to our temporary 2f status.

5. Evidence of success:

Success has been achieved by the college for students and faculty in terms of their academic knowledge, skill enhancement and awareness about crucial issues both academically, career wise, and on social issues by undertaking the above activities. The outcome of some of the successful events that were conducted in the last five years are listed below:

1. Quality enhancement in the teaching and learning process.
3. Enhancement of knowledge on Food processing
4. Practical exposure in DNA fingerprinting.
5. IPR regime
6. Application of biotechnology in Conservation Biology, plant tissue culture, and ELISA.
7. Application of HPLC techniques in Industry.
8. Continuous medical education in Physiotherapy and medical lab technology.
9. Industry-Academia interaction to bridge the gap.
10. FDP on ICT-based teaching and learning.
11. Entrepreneurship Development workshops on a specific theme to inculcate Entrepreneurship as a habit.

12. More than 75 guest lectures by distinguished resource persons were held during the last five years.

It is believed that in years to come these activities shall play a vital role to provide knowledge and hope to fellow students from all the disciplines to build their career and keep them ahead in the kaleidoscope of Global Knowledge.

6. Problems encountered and Resources Required:

In the implementation of the aforesaid practice, namely conducting workshops, etc the major problem college encounters is that of lack of grants from external funding agencies especially UGC. Invariably College has to generate its resources for organizing such workshops, H-o-T, etc.

Best Practice No: 2

1. Title of the practice:

Academic automation through ERP System (*e-Campus*)

2. Objectives:

- Integration of the academic workflow through the common system.
- Improvement in internal communications between management, faculty, students, and parents.
- Manual processes, elimination thus making a paper-free environment.
- Easy and quick access to data to save time.
- Boosts decision-making through strategic data analysis.

3. The context:

The academic management software, Enterprise Resource Planning (ERP) is a database-driven web-based software used for collection, storing, managing, and interpreting data from many academic operations and activities. In general, an *ERP software* solution provides a way to efficiently *manage* the everyday running modules like admission, fee, department, accounts, library, examination, canteen, payroll, etc. Other than that *ERP system* also offers a better way of communication among students, teachers, and parents as well.

4. The practice:

Primary Modules of *e-Campus* ERP system:

A. Admission Module is the gateway for the system where the student first gets himself/ herself registered by filling in the requisite information in the prescribed format. Thereafter a unique college id (user name) and password are generated which is also instantly sent to the registered mobile number. This enables him/her to log in to the ERP portal. The student can also login to the ERP portal using Dolphin mobile app developed by the college or desktop PC.

B. Fee Management:

The e-campus ERP has been integrated with the College accounts Tally package, which is a groundbreaking feature to provide an easy facility for the student to find out the status of the fee due etc.

C. Academic Management and Monitoring modules:

1. Curriculum Management:

The ERP has a dedicated academic timetable management master through which prescribed timetables are created and distributed to the course faculty.

Lecture notes are uploaded by the subject faculty which can be accessed by the students on their mobile or desktop.

2. Academic Monitoring & Attendance Management:

Progress of individual teacher is monitored for the percentage of syllabus covered daily, weekly, or monthly. The academic progress of the courses taught under a particular program is monitored. The online feedback on the teaching methodology is undertaken periodically.

Classroom Biometric attendance is linked with e-campus and is, therefore, monitored both daily and period-wise for both the teacher and students.

Based on the above two parameters and the results of sessionals bi-monthly progress report of each student is generated by ERP which can be accessed both by parents and students.

3. Library Management module: Library management module helps book searching, managing members, issuing books, and circulating books.

4. HR and Payroll module: The HR and payroll module helps to collect the employee data from the biometric system. It also manages the leave records of the employees of the College.

All important circulars and notices are uploaded to the ERP portal. The absentee statement of students is automatically generated and sent by SMS to the parents every day.

5. Evidence of success:

The irreplaceable assets of our College are faculty, students, and staff and each of the group has its distinctive interests within the same organization. For example, College for a faculty is a place to teach and conduct research; students come to learn, live, and entertain; and the non-teaching staff takes care of the administrative work to free the teachers and students for academic activities. A college ERP is an integrated system crafted to operate in real-time without any delay, and it is a common database supporting all applications. The installation of the ERP system with accurate application and data integration done by the Information Technology (IT) Department provides a consistent look and experience across modules. Thus the college ERP integrates teachers, students, and staff under the same umbrella.

6. Problems encountered and resources required:

The implementation and the college management system to become fully usable require its own time. We have to give the time required to get the ultimate benefit. All the aspects like customization, integration, data migration, and user training have to be done properly. The implementation of educational ERP sometimes demands other changes in the management of an educational institution. Hence the users like students, teachers, and staff have to devote sufficient time to get trained to use the ERP to derive expected benefit from its implementation. Again the demanded changes should always be carried after all the phases of the ERP implementation are completed to avoid the addition of inaccuracy.

Another aspect is the investment in the process of implementation, including software pricing, annual maintenance, implementation, additional customization charges, training costs, etc. The investment should cover all the aforementioned costs.

File Description	Document
Link for Best practices in the Institutional web site	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Promotion of value-based education for inculcating social responsibility and good citizenry.

One of the objectives of the vision and mission of the college is to inculcate social consciousness in the students making them capable of fostering good relationships with others and become tools of social change to serve the civil society at large. The objective is being achieved by organizing various **Human Values Community Outreach (HVCO)** activities like health camps, blood donation camps, awareness program on various social issues like drug abuse, AID Awareness, traffic rules, swatchtha Abhiyan, Van Mahotsav, national integration, patriotism, etc. in and outside the college campus. Gender sensitivity is another important issue on which the College is fully conscious and organizes various activities. College also commemorates the national festivals and International days including Yoga Day, Earth day, Environment day, and has taken noble initiatives like 'Nai Pahal', 'Muskan' and Awarding prizes and scholarships to girl students and the needy ones from Schools in the neighborhood. College regularly conducts Physiotherapy and health camps for the neighborhood rural population.

The college is located in a rural area and neighboring villages are suffering from a shortage of many basic facilities primarily in the field of health management. The college conducts free Medical and Physiotherapy OPD on the campus, besides undertaking free Physiotherapy/ health check-up camps in the above-mentioned villages and suggest remedial measures to overcome the health problems faced by the villagers. The students must join these camps to assist the faculty and MO which also inculcates in them a sense of social responsibility. Gratis Physiotherapy activities are also provided in various sport meets organized in Dehradun by Govt./ NGOs. College is managing four Physiotherapy OPD's on a charitable basis in the city in association with Lion's Club, Gurudwara Committee, Sakya hospital, and Jankalyan

Hospital.

Dolphin Students Welfare Committee comprising 21 student members, several volunteers, and 03 faculty, including the Dean, is very actively engaged in undertaking a large number of social activities such as workshops, awareness programs, and counseling lectures under the de-addiction drive. Students also display enthusiasm for cleanliness and conduct regular activities under Swachhata Abhiyan

We endeavor to fulfill the college's social responsibility by organizing different HVCO activities in College as well as in the neighboring Panchayats and villages involving students, faculty, and staff. These activities are an essential aspect of a complete education, which emphasizes community services and inculcates social values and commitment towards the civil society at large among the students, faculty, and staff.

The above activities are invariably conducted under the overall umbrella of DSW, NSS, YRC, Scouts & Guides, and NCC. Physiotherapy, Pathology Departments, and medical OPDs play a pivotal role in conducting health camps. During the period under consideration 45 Physiotherapy and health camps and 53 outreach program in the field of, Drug abuse, cleanliness drive under Swachhata Abhiyan, road safety, plantation drive, Yoga Shivar, and extending helping hand to the underprivileged children in the form of providing them school stationery, uniforms, and sweaters. Besides, 12 programs were held on gender sensitivity and women empowerment.

Altogether approximately 1800 patients were provided the Physiotherapy and health services covering 23 villages in the neighborhood. Additionally, these services were regularly rendered to the State Police and Sports Departments, National Tennis Federation, Senior Ranking Badminton Championship, and Divyang Khel during the last five years.

A total of 10 voluntary blood donation camps were held in the college between 2014 & 2019 and 833 units of blood was donated to IMA Blood Bank, Uttarakhand State Aids Control Society, and State Blood Collection Council of Uttarakhand by the students, faculty, staff, and management.

Dolphin Students Welfare Committee is very actively engaged in undertaking a large number of social activities such as workshops, awareness programs, and counseling lectures under the de-addiction drive. Students also displayed enthusiasm for cleanliness and conducted fortnightly activities under Swachhata Abhiyan. The Dolphinites are very conscious about conserving green cover in the Doon valley and vigorously joined hands with news daily's to observe Van Mahotsav, wherein thousands of saplings of local forest species were distributed gratis to the residents, schools, and NGOs in the Doon valley.

DSW provides scholarships and free ships to economically weaker and meritorious students. The college also sponsors prizes for the Uttarakhand State Board (10th & 12th) topper students every year since 2015.

Many times it is felt that time constraint due to heavy academic schedule does not allow us to spend as much time on the above activities as we would have liked.

5. Evidence of success:

The college has achieved judicious success in the practice of the above-mentioned activities by involving the faculty and students of Physiotherapy and Pathology departments as well as the Medical OPD and extension activities of the Dolphin Students Welfare Committee, NSS, NCC, and YRC volunteers. The

details regarding participation and evidence of achievement are uploaded on the College website.

Recognizing the immense contribution in Blood donation by our students St. Joseph Academy Alumni Association and Amar Ujala Foundation jointly honored the College with the 'Mahadanis' of the Capital on the occasion of Gandhi Jayanti-2017. The program was organized to honor the societies and institutions that have made noteworthy contributions in blood donation during the year. The award was given by the Finance Minister of the State.

6. Problems encountered and resources required:

No constraints are felt by the management in sponsoring the above activities since the college is socially conscious of its responsibilities towards society.

File Description	Document
Link for appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

Because of providing the extra edge in the knowledge and skill development of our students, the college has taken several innovative initiatives other than the regular teaching and learning process as per the curriculum. The basic ideology is to provide students with contemporary knowledge on current developments in various fields of science with better practical utility, which students may also find interesting. They can practically see and try themselves the applicability of the knowledge in their professional life.

It is noteworthy that in the last five years (2014-19) college has organized 70 such events. Of these 15 were CME Workshops, 06 H-o-T, 31 symposiums, and seminars including IPR Workshops. While IQAC conducted 01 National Seminars sponsored by NAAC and 05 NEAP workshops in collaboration with PSCST, Chandigarh. Training and Placement Cell conducted 05 Workshops and 17 orientation programs. EDP Cell of the College conducted another 05 workshops. More than 70 guest lectures and field trips, each, were organized for students. One of the objectives of the vision and mission of the college is to inculcate social consciousness in the students making them capable of fostering a good relationship with others and become tools of social change to serve the civil society at large.

The objective is being achieved by organizing more than 70 HVCO activities like health camps, blood donation camps, awareness programs on various social issues like drug abuse, AID Awareness, traffic rules, swatch the Abhiyan, van Mahotsav, etc in and outside the college campus. Gender sensitivity and inclusiveness are other important issues on which the College is fully conscious and organizes various activities.

College is located in a rural area and neighboring villages are suffering from a shortage of several basic facilities primarily in the field of health management. The college conducts free Medical and Physiotherapy camps in these villages and suggests remedial measures to overcome the health problems faced by the villagers. Students invariably join these camps to assist the faculty. It also inculcates a sense of social responsibility in them. College is also managing four charitable Physiotherapy OPD's in the city.

Concluding Remarks :

The irreplaceable assets of our College are faculty, students, and staff and each of the group has its distinctive interests within the same organization. For example, College for a faculty is a place to teach and conduct research; students come to learn, live, and entertain; and the non-teaching staff takes care of the administrative work to free the teachers and students for academic activities.

Success has been achieved by the college for its students and faculty in terms of their academic knowledge, skill enhancement and awareness about crucial issues both academically, career wise and on social issues especially for women by undertaking the above activities.

The outcome of some of the successful events that were conducted in the last five years are listed below:

1. Quality enhancement in the teaching and learning process.
3. Enhancement of knowledge on Food processing

4. Practical exposure in DNA fingerprinting.
5. IPR regime
6. Application of biotechnology in Conservation Biology, plant tissue culture, and ELISA.
7. Application of HPLC techniques in Industry.
8. Continuous medical education in Physiotherapy and medical lab technology.
9. Industry-Academia interaction to bridge the gap.
10. FDP on ICT-based teaching and learning.
11. Entrepreneurship Development workshops are conducted annually on a specific theme to inculcate entrepreneurship as a habit.
12. More than 75 guest lectures by distinguished resource persons were held during the last five years.
13. In alignment with its vision and mission, College undertakes a large number of social activities like holding health and physiotherapy camps, blood donation camps, swatchtha Abhiyan, van Mahotsav, deal with issues like drug abuse, road safety, and women empowerment, etc.

It is believed that in years to come to these activities shall play a vital role to provide knowledge and hope to fellow students from all the disciplines to build their career and keep them ahead in the kaleidoscope of Global Knowledge.

College provides scope to explore further so that eventually our weaknesses to be made our strength in coming years.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.4.1	<p><i>Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders</i></p> <p><i>1) Students</i></p> <p><i>2)Teachers</i></p> <p><i>3)Employers</i></p> <p><i>4)Alumni</i></p> <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: E. None of the above Remark : Filled feedback report has not considered. Provided feedback has not related to design the curriculum.</p>																				
2.1.2	<p>Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)</p> <p>2.1.2.1. Number of actual students admitted from the reserved categories year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>401</td> <td>473</td> <td>446</td> <td>366</td> <td>284</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>266</td> <td>316</td> <td>225</td> <td>183</td> <td>162</td> </tr> </tbody> </table> <p>Remark : DVV has made the changes by looking seats earmarked against admitted reserved students.</p>	2018-19	2017-18	2016-17	2015-16	2014-15	401	473	446	366	284	2018-19	2017-18	2016-17	2015-16	2014-15	266	316	225	183	162
2018-19	2017-18	2016-17	2015-16	2014-15																	
401	473	446	366	284																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
266	316	225	183	162																	
2.6.3	<p>Average pass percentage of Students during last five years</p> <p>2.6.3.1. Number of final year students who passed the university examination year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>793</td> <td>626</td> <td>615</td> <td>503</td> <td>497</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	793	626	615	503	497										
2018-19	2017-18	2016-17	2015-16	2014-15																	
793	626	615	503	497																	

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
793	623	614	503	505

2.6.3.2. Number of final year students who appeared for the university examination year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
793	626	617	509	503

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
793	623	615	509	511

Remark : DVV has made the changes as per shared report of passed and appeared students by HEI.

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

3.1.1.1. Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
125000	0	5000	893000	884050

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
1.25	0	0.25	2	8.80

Remark : DVV has made the changes as per shared e-copies of grant letter by HEI.

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

3.1.3.1. Number of departments having Research projects funded by government and non-government agencies during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15

0	0	1	2	1
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Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
1	0	1	1	2

3.1.3.2. Number of departments offering academic programmes

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
13	13	13	12	11

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
13	13	13	12	11

Remark : DVV has made the changes as per shared e-copies of grant letter by HEI.

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

3.2.2.1. Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
3	2	0	3	1

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
3	2	0	2	1

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

3.3.2.1. Number of research papers in the Journals notified on UGC website during the last five years.

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
25	29	45	36	68

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
10	15	24	15	35

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

3.4.2.1. Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
10	3	3	2	2

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

3.4.3.1. Number of extension and outreach Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
45	41	28	19	16

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
25	28	16	9	7

Remark : DVV has not considered Magic Show Yad Karo Kurbani' Celebrating 70th year of Independence Earth Day Tobacco Day International Yoga Day National Unity Day Uttarakhand uday programme , Financial support to orphan students etc.

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

3.4.4.1. Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
3398	4765	2653	2797	1121

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
2398	4199	1458	1103	581

Remark : DVV has not considered Magic Show Yad Karo Kurbani' Celebrating 70th year of Independence Earth Day Tobacco Day International Yoga Day National Unity Day Uttrakhand uday programme , Financial support to orphan students etc.

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

3.5.1.1. Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
1	1	2	1	2

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
1	0	0	0	0

Remark : Provided mail letters has not considered.

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

4.1.3.1. Number of classrooms and seminar halls with ICT facilities

Answer before DVV Verification : 61

Answer after DVV Verification: 45

Remark : DVV has made the changes as per shared photos of classrooms and seminar halls with ICT facilities in HEI's website.

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

4.1.4.1. Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
418.79	420.95	262.94	212.28	79.09

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
411.04	4406.90	253.65	207.51	72.07

Remark : DVV has made the changes as per addition of fixed assets excluding Books and Journals duly signed by CA.

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)**4.2.3.1. Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
10.57	15.15	10.94	5.93	7.83

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
10.92	15.48	11.27	5.93	7.83

Remark : DVV has made the changes as per addition of Books and journals and Expense on Subscription duly signed by CA.

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year**4.2.4.1. Number of teachers and students using library per day over last one year**

Answer before DVV Verification : 66

Answer after DVV Verification: 2

Remark : DVV has made the changes as per online screenshot entry of two students in Feb.

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)**4.4.1.1. Expenditure incurred on maintenance of infrastructure (physical facilities and**

academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
174	176.77	153.4	121.82	95.73

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
114.68	102.34	56.46	100.47	88.37

Remark : DVV has made the changes as per Clinic Running and Maintenance, Repair and Maintenance, Travelling and vehicle charges, Generator Running and Maintenance duly signed by HEI.

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. **Soft skills**
2. **Language and communication skills**
3. **Life skills (Yoga, physical fitness, health and hygiene)**
4. **ICT/computing skills**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. 3 of the above

Remark : DVV has select B. 3 of the above as per report of SL No. 1, 2 and 3 shared by HEI.

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) year-wise during the last five years.

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
0	1	5	0	1

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	1	3	0	0

Remark : DVV has not considered 9th Ranking.

5.3.3	<p>Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)</p> <p>5.3.3.1. Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 389 1046 524"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>15</td> <td>14</td> <td>16</td> <td>5</td> <td>3</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 602 1046 736"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>7</td> <td>9</td> <td>4</td> <td>2</td> </tr> </tbody> </table> <p>Remark : DVV has made the changes as per report of sports and cultural events shared by HEI.</p>	2018-19	2017-18	2016-17	2015-16	2014-15	15	14	16	5	3	2018-19	2017-18	2016-17	2015-16	2014-15	10	7	9	4	2
2018-19	2017-18	2016-17	2015-16	2014-15																	
15	14	16	5	3																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
10	7	9	4	2																	
6.3.2	<p>Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years</p> <p>6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 1173 1046 1308"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>4</td> <td>0</td> <td>8</td> <td>4</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 1386 1046 1520"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Remark : Financial letters has not provide by HEI.</p>	2018-19	2017-18	2016-17	2015-16	2014-15	8	4	0	8	4	2018-19	2017-18	2016-17	2015-16	2014-15	0	0	0	0	0
2018-19	2017-18	2016-17	2015-16	2014-15																	
8	4	0	8	4																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
0	0	0	0	0																	
6.5.3	<p>Quality assurance initiatives of the institution include:</p> <ol style="list-style-type: none"> 1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements 2. Collaborative quality initiatives with other institution(s) 3. Participation in NIRF 4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA) <p>Answer before DVV Verification : B. 3 of the above Answer After DVV Verification: C. 2 of the above</p>																				

	<p>Remark : DVV has select. D. 1 of the above as per shared IQAC and AISHE certificate report by HEI.</p>
7.1.4	<p>Water conservation facilities available in the Institution:</p> <ol style="list-style-type: none"> 1. Rain water harvesting 2. Borewell /Open well recharge 3. Construction of tanks and bunds 4. Waste water recycling 5. Maintenance of water bodies and distribution system in the campus <p>Answer before DVV Verification : B. 3 of the above Answer After DVV Verification: C. 2 of the above Remark : DVV has select C. 2 of the above as per shared supporting for SI. No 2 and 5 by HEI.</p>
7.1.10	<p>The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.</p> <ol style="list-style-type: none"> 1. The Code of Conduct is displayed on the website 2. There is a committee to monitor adherence to the Code of Conduct 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized <p>Answer before DVV Verification : B. 3 of the above Answer After DVV Verification: C. 2 of the above Remark : DVV has select C. 2 of the above as per provided code of conduct and minutes of meetings by HEI. Signed on provided report has looked copy and pasted.</p>

2.Extended Profile Deviations

ID	Extended Questions																				
1.3	<p>Number of outgoing / final year students year-wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>793</td> <td>628</td> <td>615</td> <td>503</td> <td>497</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>793</td> <td>623</td> <td>615</td> <td>509</td> <td>511</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	793	628	615	503	497	2018-19	2017-18	2016-17	2015-16	2014-15	793	623	615	509	511
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793	628	615	503	497																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
793	623	615	509	511																	
2.1	<p>Total number of classrooms and seminar halls</p> <p>Answer before DVV Verification : 64 Answer after DVV Verification : 62</p>																				

NAAC