



Yearly Status Report - 2018-2019

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	GHG KHALSA COLLEGE, GURUSAR SADHAR
Name of the head of the Institution	JASWANT SINGH
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	01624275227
Mobile no.	9501013174
Registered Email	ghgkcgsgmail.com
Alternate Email	write.to.jst@gmail.com
Address	GHG Khalsa College, Gurusar Sadhar District Ludhiana
City/Town	LUDHIANA
State/UT	Punjab
Pincode	141104

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	DR. RAJINDER SINGH
Phone no/Alternate Phone no.	01612878015
Mobile no.	9417276271
Registered Email	ghgkcg@gmail.com
Alternate Email	rajindersinghsahil@gmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://ghgcollegesadhar.org/files/degree/aqar/2017-18.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://ghgcollegesadhar.org/files/degree/calendars/academic-calendars2019-20.pdf

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	A	3.11	2015	15-Nov-2015	14-Nov-2020

6. Date of Establishment of IQAC	03-Aug-2004
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Regular meeting of IQAC	16-Nov-2018 1	8
Regular meeting of IQAC	06-Apr-2019 1	8

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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
College	Golden Jubilee Scheme Extension / Renovation of NSS Hall	UGC	2018 1	221800

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

10. Number of IQAC meetings held during the year :

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

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11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

- Internal Quality Assurance Cell (IQAC) conceives plans and quality based growth-oriented programmes and keeps eye over the functioning of all components of college.
- The members of IQAC in consultation with heads of departments (HODs) and teacher incharges of various committees frame a standard operational plan in the beginning of academic session.
- An activity calendar is prepared in the beginning of each session.
- The function of IQAC is not only to achieve excellence in academics, sports and extracurricular activities, rather it strengthens ethical values among the students according to needs of community by generating marketing skills, communication skills, self employment and also create positive thinking among the learners.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
Efforts for Energy Conservation	• Solar Power Systems to be installed very soon in near future with the help of HRD Ministry Govt. of India.
Efforts to start new courses at UG and PG Levels	Sociology (UG), Journalism (UG), Psychology(PG) Will be started soon.
Efforts enhancement to get skill oriented courses.	B.Voc. degree courses in Medical Lab. Technology (M.L.T.) and Food Processing and Quality Management to be started in coming session.
Efforts and initiatives to start professional courses.	B.P.Ed., M.P.Ed.andB.A.B.Ed. courses approved by NCTE, Jaipur are running.
To establish resource centre for research purposes.	In the basement of library, state-of-the-art resource centre started working from this session.
To spread consciousness about local resource mobilization and natural living.	• Vermicomposting Demonstration and Training Plant started working. Farmers from adjoining areas, women folk and students were benefited. • Mushroom cultivation training was also provided.
Community development initiatives.	N.S.S. and G.G.S.S.C. adopted village Ghuman particularly and 04 other villages generally for social upliftment and moral boost.
Infrastructure enhancement for sports.	Work for Shooting Range and Multipurpose Indoor Stadium was completed and sophisticated high-tech installations started working.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Management	02-Jun-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission	2019
Date of Submission	28-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	We are in process to implement a complete management information system in a phased manner. New modules and sections are being added with every passing year. Once all the segments are computerized independently and the functioning is stabilized from all aspects, these components will be integrated. College admission and fee management system is computerized. Accounts section is also computerized for last may years. Software for the computerization of college library is implemented from last session. Presently all these segments are functioning independently.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The college adheres to the guidelines laid down by the State Government in general and the University in particular. The Institution follows a specific time table for the effective delivery and documentation of the curriculum. We try our level best to provide 180 days of teaching in a calendar year. The departmental meetings are held at least once every month to evaluate the progress and suggest means for overcoming hurdles if any in achieving optimum output. In spite of shortage for the last few years, the College has been taxing its teachers to their limit and trying to adhere to the plan of completing the syllabus within the specified period. In most departments teachers are engaging more than 28-30 classes per week. Special classes (if need be) are arranged during vacation or off-hours to compensate for the time lost in examination/evaluation. The college is in constant touch with the University and tries its level best to keep abreast with the guidelines laid down by the University for the effective implementation of the curriculum. Because of its rural location, the college has to strive much to bring in new concepts & methodology into its program and it does its best to achieve the same. The syllabi topics are gone through thoroughly and a good amount of time is devoted to work on the material to be taught and provided to the students. The topics mentioned in the syllabus if are not found in the prescribed books are prepared with the help of material available on the websites and online books and thence the same material is provided to the students. The record of the classes and the topics taught therein alongwith the material provided to the students is maintained for future reference. The power-point presentations on the various topics which include study of the three dimensional structures

and other photographic material provided in the books are also prepared and delivered. This also helps to generate interest among the students and a break from the conventional method of classroom teaching. Many teachers of the college as members of the various university bodies have played an effective role in the framing of various aspects of the curriculum. Prof GurpreetKaur-Member, UG Board of studies in Zoology, Prof HarpreetKaurKhurana- Member, UG Board of Studies in Botany, DrGurmeet Singh- Member, UG Board of Studies in Punjabi, DrBaljit Singh-Member, UG Board of Studies in History and Prof VaneetDhir-Member, PG Board of Studies in Chemistry all as active members are making the necessary efforts at the board meetings for making the curriculum streamlined according to the learning requirements. The college analyzes to ensure that the stated objectives of curriculum are achieved through class tests at the departmental level, house examinations and annual examination. Professional development is provided to inculcate skills in staff for curriculum planning, delivery and implementation. The University and the Institution provide all types of facilities to teachers to attend UGC based Refresher Courses/ Orientation Courses / Workshops / Seminars.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	NIL	28/12/2019	0	NIL	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Acharya	NIL	28/12/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Acharya	NIL	28/12/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
NIL	28/12/2019	0
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1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BVoc	Food Processing and Quality Management	78
BVoc	Medical Lab Technology	32

BSc	Biotechnology	17
MSc	Information Technology	11
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained
<p>Feedback on various parameters is collected periodically from the various stakeholders in the form of a proforma and analyzed with the help of various analytical computer tools to generate a comprehensive trend. The trend is generated for all the parameters listed in the feedback proformas. The analytical report is presented to the Feedback Review Committee constituted at the college level. The committee carries out a thorough and exhaustive analysis of the feedback report and lists out the areas to be worked upon. FACULTY Feedback is obtained from both the faculty members of our college and other institutions who serve as external examiners and members of Board of Studies in various disciplines. The parameters on which the feedback is obtained include student performance, syllabi, the method of assessment of student performance, lab infrastructure, fee structure, environment, library and canteen facilities, extracurricular activities, job trainings and mini projects etc. PARENTS Parents are important stake holders of this system. Parent Teacher meetings are periodically conducted and their suggestions are regularly obtained and analyzed. The parameters which are accommodated in the feedback include Teaching faculty, Fee Structure, infrastructure, Library, Environment, Career guidance and Placement. STUDENTS Students' feedback on staff is received every year. The following parameters are considered to obtain feedback. They are • Academic Content • Usefulness of teaching material • Study groups in furthering learning • Fairness of evaluation • Interaction with faculty • Interaction with Administration • Computer Facilities • Library Facilities • Recreational Facilities • ExtraCurricular Activities • Sports Facilities ALUMNI This college enjoys a strong and healthy association with the Alumni Club. As the alumni are found to be the brand ambassadors of our institute, the feedback of the alumni is given a due consideration. The parameters accommodated in the feedback include infrastructure and lab facilities, faculty, Environment, Fee Structure, Training and placement, Library and canteen facilities etc. UTILIZATION OF THE FEEDBACK The feedback is utilized to improve the overall working of the college. The recommendations of the Feedback Review Committee are given due consideration and are implemented at all the levels. STUDENTS More guest lectures need to be conducted in latest technology. Internship and industry projects may be permitted to the students. The students should have easy access to computer labs to improve their programming skills. The administration of the college should have periodic meetings with the students so that they may share their word with them. TEACHERS Students should have fundamental knowledge on basic courses. Students need to acquire more programming skills. Students need be involved in mini projects, class level seminars. More industry oriented projects should be carried out by the students. The students need to be</p>

encouraged to improve their communication skills. PARENTS Their wards must have knowledge about the latest technology. Information about their wards' should be made available through message or by any other media. ALUMNI ICT facilities may be provided for teaching learning process. Frequent alumni interactions may be arranged to update the students about job and entrepreneurship scenario.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MPEd	First Year	40	44	40
MPEd	Second Year	40	41	36
BCom	First Year Commerce	140	142	140
BCom	Second Year Commerce	140	80	77
BCom	Third Year Commerce	140	93	89
MA	First Year English	60	27	23
MA	Second Year English	60	12	7
BCA	First Year	40	42	39
BCA	Second Year	40	31	26
BCA	Third Year	40	36	31
BBA	First Year	40	32	24
BBA	Second Year	40	12	9
BBA	Third Year	40	15	13
BSc	First Year Bio-Tech	35	19	16
BSc	Second Year Bio-Tech	35	15	11
BSc	Third Year Bio-Tech	35	22	17
PGDCA	First Year	30	34	27
MSc	First Year Information Technology	30	12	8
MSc	Second Year Information Technology	30	15	11
MSc	First Year Math	60	32	28
MSc	Second Year Math	60	46	42
MSc	First Year	40	45	39

	Chemistry			
MSc	Second Year Chemistry	40	42	34
MSc	First Year Physics	40	46	35
MSc	Second Year Physics	40	48	39
MA	First Year History	60	15	11
MA	Second Year History	60	17	14
MA	First Year Punjabi	60	18	14
MA	Second Year Punjabi	60	10	7
MCom	First Year	40	37	34
MCom	Second Year	40	31	26
B.A.BEd	First Year	50	25	22
B.A.BEd	Second Year	50	15	13
B.A.BEd	Third Year	50	16	12
BPEd	First Year	100	110	90
BPEd	Second Year	100	115	90
BVoc	First Year Medical LAB Technology	50	48	43
BVoc	Second Year Medical LAB Technology	50	21	15
BVoc	Third Year Medical LAB Technology	50	22	17
BVoc	First Year Food Processing and Quality Management	50	61	50
BVoc	Second Year Food Processing and Quality Management	50	26	24
BVoc	Third Year Food Processing and Quality Management	50	27	25
BA	First Year	237	242	237
BA	Second Year	112	115	112
BA	Third Year	112	116	112
BSc	First Year	31	36	31

	Medical			
BSc	Second Year Medical	22	27	22
BSc	Third Year Medical	48	54	48
BSc	First Year Non-Medical	100	110	100
BSc	Second Year Non-Medical	60	70	60
BSc	Thirsd Year Non-Medical	103	109	103
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1718	480	46	7	8

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
98	98	6	6	6	4
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring of students is an essential feature to render equitable service to all our students having varied background. Student mentorship has the following aims: a.) To enhance teacher student contact hours b.) To enhance students' academic performance and attendance c.) To minimize student dropout rates d.) To identify and understand the status of slow learners and encourage advanced learners e.) To render equitable service to students With a wide variation in the student population in regard to educational and economic background, the system promises to provide a better understanding of individual students and bring out their highest potential. It also appears to be the most effective method/weapon for mitigating cases of those students who are vulnerable to dropout from studies. The IQAC has taken the initiative of implementing the mentoring of students. Students are categorized based on the streams of studies and also according to their core subjects. They are divided into groups of 3040 depending on the number of students. Each group is assigned a teacher mentor who would perform mentoring duties. A Mentoring Format with Guidelines is prepared by the IQAC to ensure uniformity. a.) Mentors maintain and update the Mentoring Format which contains space for entering particulars and performance of students (class tests, monthly attendance records, etc.) b.) After collecting all necessary information, Mentors are expected to offer guidance and counselling, as and when required. c.) It is the practice of Mentors to meet students individually or in groups. d.) In isolated cases parents are called for counselling/special meetings with the Principal at the suggestion of the Mentor. He/she also contact the parents / guardians of the students in case of their academic irregularities, behavioral changes, etc, through the Head of the Department or College for the same. e.) If a student is identified as having weakness in particular subject, it

is the duty of the Mentor to apprise the concerned subject teacher. f.)Mentor maintains personal details of the students including their address, contact numbers, overall academic performance and progress. It will also help in monitoring the academic growth of the students. g.) Advises the students regarding choice of electives, projects, summer training, etc. h.) Mentor counsels and motivates the students in all academic matters direct or indirect. i.) He/she guides the students in taking up extra academic and professional activities for value addition as a member of the society. j.) Mentor advises Principal / Director of the College in matters of leave or absence, official recommendation etc. k.)Also advise the students in matters of their career.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2198	98	1 : 22

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
103	98	5	33	16

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Rajinder Singh	Associate Professor	Master Trainer Award, Anti Drug Buddy Programme, SDM Office Raikot

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BA	0004	4th Semester	31/05/2019	20/07/2019
BA	0006	6th Semester	31/05/2019	30/06/2019
BCom	0012	2nd Semester	31/05/2019	12/07/2019
BCom	0014	4th Semester	31/05/2019	17/07/2019
BCom	0016	6th Semester	31/05/2019	17/06/2019
BSc	0002	2nd Semester	31/05/2019	29/07/2019
BSc	0004	4th Semester	31/05/2019	18/07/2019
BSc	0006	6th Semester	31/05/2019	28/06/2019
MA	0234	2nd Semester	31/05/2019	14/03/2019
MA	0236	4th Semester	31/05/2019	08/08/2019
BCA	0028	2nd Semester	31/05/2019	10/07/2019
BCA	0030	4th Semester	31/05/2019	06/07/2019

BCA	0032	6th Semester	31/05/2019	03/07/2019
BA	0002	2nd Semester	31/05/2019	30/07/2019
BBA	0022	2nd Semester	31/05/2019	12/07/2019
BBA	0024	4th Semester	31/05/2019	13/07/2019
BBA	0026	6th Semester	31/05/2019	10/06/2019
BSc	0034	2nd Sem BioTechnology	31/05/2019	20/06/2019
BSc	0036	4th Sem BioTechnology	31/05/2019	15/06/2019
BSc	0038	6th Sem BioTechnology	31/05/2019	24/06/2019
PGDCA	1220	2nd Semester	31/05/2019	14/08/2019
MSc	0460	2nd Semester Information Technology	31/05/2019	26/08/2019
MSc	0462	4nd Semester Information Technology	31/05/2019	20/06/2019
MSc	0466	2nd Sem Math	31/05/2019	05/08/2019
MSc	0468	4th Sem Math	31/05/2019	06/08/2019
MSc	0448	2nd Sem Chemistry	31/05/2019	06/08/2019
MSc	0450	4th Sem Chemistry	31/05/2019	02/08/2019
MSc	0473	2nd Sem Physics	31/05/2019	26/08/2019
MSc	0475	4th Semester Physics	31/05/2019	13/08/2019
MA	0332	2nd Sem History	31/05/2019	09/08/2019
MA	0334	4th Sem History	31/05/2019	14/08/2019
MA	0250	2nd Sem Punjabi	31/05/2019	06/08/2019
MA	0252	4th Sem Punjabi	31/05/2019	08/08/2019
MCom	0502	2nd Semester	31/05/2019	06/09/2019
MCom	0504	4th Semester	31/05/2019	01/08/2019
BVoc	1366	2nd Sem, Medical LAB Technology	31/05/2019	04/09/2019
BVoc	1368	4th Sem, Medical LAB Technology	31/05/2019	28/08/2019
BVoc	1370	6th Sem, Medical LAB Technology	31/05/2019	09/08/2019

BVoc	1356	2nd Sem, Food Processing and Quality Management	31/05/2019	28/08/2019
BVoc	1358	4th Sem, Food Processing and Quality Management	31/05/2019	28/08/2019
BVoc	1360	6th Sem, Food Processing and Quality Management	31/05/2019	01/08/2019
BPed	0084	4th Semester	31/05/2019	24/07/2019
MPed	0368	2nd Semester	31/05/2019	06/09/2019
MPed	0370	4th Semester	31/05/2019	30/07/2019
B.A.BEd	1118	4th Semester	31/05/2019	15/11/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Students are continuously evaluated through a comprehensive system including Mid Semester Tests, weekly class test, presentations, and small projects. Also the students are adjudged on basis of their class performance in terms of their attentiveness and involvement in regular lectures. Each aspect is given a certain weightage and the assessment of the student is prepared on the basis of these scores. Students are also encouraged to participate in extracurricular activities and extra marks are also awarded to these students. Students are encouraged to involve in projects where they can apply their theory into practice. The completion of projects ensures understanding of the concepts by the students and also forms a basis for evaluation by teachers.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

All the heads of departments in consultation with all faculty members schedule the academic calendar before the commencement of the session. The course content is split into two semesters that is JulyDec and JanMay. The academic calendar released by Punjab university is also followed for making academic planning. The same academic calendar is published in the college prospectus before the beginning of the session every year. It provides plan for the academic year to students, teachers and parents. Teachers make their teaching plan taking into consideration the ability of the students. These plans are reviewed and rechecked, if needed be. The academic calendar is followed for broad reference. Beside class tests, house test is conducted on university examination pattern before the final examination conducted by the university. The highest scorer and the second highest (subject wise) are awarded prizes by college as an incentive to study hard.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://docs.google.com/viewer?url=http://www.ghgcollegesadhar.org/files/degree/agar/2.6.1.xlsx>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
0006	BA	Final Year ARTS	109	109	100
0016	BCom	Final Year Commerce	89	89	100%
0006	BSc	Final Year Science	151	151	100%
0236	MA	Final Year English	7	7	100%
0032	BCA	Final Year	31	31	100%
0026	BBA	Final Year	13	13	100%
0038	BSc	Final Year Bio-Technology	17	17	100%
1220	PGDCA	Final Year	24	24	100%
0462	MSc	Final Year Information Technology	11	11	100%
0468	MSc	Final Year Math	42	42	100%
0450	MSc	Final Year Chemistry	34	34	100%
0475	MSc	Final Year Physics	38	38	100%
0334	MA	Final Year History	15	15	100%
0252	MA	Final Year Punjabi	12	12	100%
0504	MCom	Final Year	26	26	100%
0084	BPED	Final Year	86	86	100%
1370	BVoc	Final Year Medical LAB Technology	17	17	100%
1360	BVoc	Final Year Food Processing and Quality Management	24	24	100%

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.ghgcollegesadhar.org/agar-2.7.1.php?inst-id=1>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION**3.1 – Resource Mobilization for Research**

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	0	NIL	0	0

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
NIL	NIL	28/12/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	28/12/2019	NIL

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	28/12/2019

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NIL	0

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Physics	71	5.58
International	Chemistry	1	3.40
International	Mathematics	1	5.13
National	English	1	0
National	Punjabi	4	0
National	History	1	0
International	History	1	0
National	Physical	4	0

	Education		
International	Physical Education	1	0
International	Computer Science	1	6.8
International	Bio Technology	1	5.13
International	Food Processing and Quality	1	0
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Commerce	1
Mathematics	3
Punjabi	5
Hindi	2
History	4
Physical Education	1
Computer Science	1
Music	1
B.A / B.Ed	3
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Search for a W? boson decaying to a vectorlike quark and a top or bottom quark in the alljets final state	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1903 (2019) 127	2019	5	Panjab University, Chandigarh, India	4
Measurements of tt ⁻ differential cross sections in protonp	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1902 (2019) 149	2019	36	Panjab University, Chandigarh, India	8

proton collisions at $\sqrt{s} = 13$ TeV using events containing two leptons						
Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	European Physics Journal Eur. Phys. J. C 79 (2019) no. 3, 280	2019	8	Panjab University, Chandigarh, India	4
Search for excited leptons in $???$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1904 (2019) 015	2019	6	Panjab University, Chandigarh, India	3
Search for pair production of first-generation scalar leptons to quarks at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review D Phys. Rev. D 99 (2019) no. 5, 052002	2019	11	Panjab University, Chandigarh, India	10
Search for heavy neutrinos and third-generation leptons in hadronic states of two τ leptons and two	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1903 (2019) 170	2019	19	Panjab University, Chandigarh, India	15

jets in proton-proton collisions at $\sqrt{s} = 13$ TeV						
Event shape variables measured using multijet final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1812 (2018) 117	2019	6	Panjab University, Chandigarh, India	5
Search for nonresonant Higgs boson pair production in the $b\bar{b}b\bar{b}$ final state at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1904 (2019) 112	2019	12	Panjab University, Chandigarh, India	9
Search for low-mass resonances decaying into bottom quark antiquark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review D Phys. Rev. D 99 (2019) no. 1, 012005	2019	14	Panjab University, Chandigarh, India	10
Search for rare decays of Z and Higgs bosons to J/ψ and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	European Physics Journal J. C 79 (2019) no. 2, 94	2019	6	Panjab University, Chandigarh, India	3

Search for new particles decaying to a jet and an emerging jet	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1902 (2019) 179	2019	15	Panjab University, Chandigarh, India	12
Search for pair produced threejet resonances in protonproton collisions at \sqrt{s} 13 TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review D Phys. Rev. D 99 (2019) no. 1, 012010	2019	3	Panjab University, Chandigarh, India	2
Search for resonant $tt^{\bar{t}}$ production in protonproton collisions at \sqrt{s} 13 TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1904 (2019) 031	2019	25	Panjab University, Chandigarh, India	12
Search for top quark partners with charge 5/3 in the same sign dilepton and single lepton final states in protonproton collisions at \sqrt{s} 13 TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1903 (2019) 082	2019	11	Panjab University, Chandigarh, India	10
Observation of prompt J/ ψ meson elliptic flow in high multiplicity pPb collisions at $\sqrt{s_{NN}}$	CMS Collaboration (N. Dhingra et al.)	Physics Letters B Phys. Lett. B 791 (2019), 172194	2019	14	Panjab University, Chandigarh, India	6

8.16 TeV						
Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1902 (2019) 074	2019	10	Panjab University, Chandigarh, India	7
Measurement of exclusive π^0 photoproduction from protons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	CMS Collaboration (N. Dhingra et al.)	European Physics Journal Eur. Phys. J. C 79 (2019) no. 3, 277	2019	17	Panjab University, Chandigarh, India	10
Search for single production of vectorlike quarks decaying to a top quark and a W boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	European Physics Journal Eur. Phys. J. C 79 (2019), 90	2019	15	Panjab University, Chandigarh, India	14
Jet Shapes of Isolated Photon Tagged Jets in PbPb and pp Collisions at $\sqrt{s_{NN}} = 5.02$ TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review Letters Phys. Rev. Lett. 122 (2019) no. 15, 152001	2019	13	Panjab University, Chandigarh, India	7
Search for pair production	CMS Collaboration (N.	Physical Review D Phys. Rev.	2019	16	Panjab University, Chandigarh	14

of second generation leptos at $\sqrt{s} = 13$ TeV	Dhingra et al.)	Phys. Rev. Lett. 122 (2019) no. 3, 032014			, India	
Search for an $L\bar{L}$ gauge boson using $Z\bar{Z}$ events in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Physics Letters B Phys. Lett. B 792 (2019), 345368	2019	23	Panjab University, Chandigarh, India	22
Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1901 (2019) 051	2019	9	Panjab University, Chandigarh, India	5
Search for production of Higgs boson pairs in the four b quark final state using large area jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1901 (2019) 040	2019	18	Panjab University, Chandigarh, India	6
Search for narrow $H\bar{H}$ resonances in proton-proton	CMS Collaboration (N. Dhingra et al.)	Physical Review Letters Phys. Rev. Lett. 122 (2019) no.	2019	2	Panjab University, Chandigarh, India	1

collisions at $\sqrt{s} = 13$ TeV		8, 081804				
Search for a W boson decaying to a τ lepton and a neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Physics Letters B Phys. Lett. B 792 (2019), 107131	2019	26	Panjab University, Chandigarh, India	21
Search for dark matter particles produced in association with a top quark pair at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review Letters Phys. Rev. Lett. 122 (2019) no. 1, 011803	2019	19	Panjab University, Chandigarh, India	9
Search for the Higgs boson decaying to two muons in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review Letters Phys. Rev. Lett. 122 (2019) no. 2, 021801	2019	39	Panjab University, Chandigarh, India	25
Measurement of inclusive and differential Higgs boson production cross sections in the diphoton decay channel in proton-proton collisions at $\sqrt{s} = 13$	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1901 (2019) 183	2019	23	Panjab University, Chandigarh, India	11

TeV						
Event shape variables measured using multijet final states in protonproton collisions at \sqrt{s} 13 TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 12 (2018) 117	2018	6	Panjab University, Chandigarh, India	5
Search for leptoquarks coupled to third generation quarks in protonproton collisions at \sqrt{s} 13 TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review Letters Phys. Rev. Lett. 121 (2018) no. 24, 241802	2018	15	Panjab University, Chandigarh, India	12
Studies of $B_s(5840)0$ and $B_s(5830)0$ mesons including the observation of the $B_s(5840)0 \rightarrow B_0 K_0^* S$ decay in protonproton collisions at \sqrt{s} 8 TeV	CMS Collaboration (N. Dhingra et al.)	European Physics Journal Eur. Phys. J. C 78 (2018) no. 11, 939	2018	9	Panjab University, Chandigarh, India	5
Performance of reconstruction and identification of τ leptons decaying to hadrons and $\tau\tau$ in pp collisions at \sqrt{s} 13 TeV	CMS Collaboration (N. Dhingra et al.)	Journal of Instrumentation JINST 13 (2018) no. 10, P10005	2018	52	Panjab University, Chandigarh, India	10
Search	CMS Coll	Physical	2018	15	Panjab U	11

for physics beyond the standard model in highmass diphoton events from protonproton collisions at \sqrt{s} 13 TeV	aboration (N. Dhingra et al.)	Review D Phys. Rev. D 98 (2018) no. 9, 092001			niversity, Chandigarh, India	
Chargedp article nuclear modification factors in XeXe collisions at \sqrt{s} NN5.44 TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 10 (2018) 138	2018	10	Panjab University, Chandigarh, India	8
Observation of Higgs boson decay to bottom quarks	CMS Collaboration (N. Dhingra et al.)	Physical Review Letters Phys. Rev. Lett. 121 (2018) no. 12, 121801	2018	119	Panjab University, Chandigarh, India	84
Measurement of jet substructure observables in tt^- events from protonproton collisions at \sqrt{s} 13TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review D Phys. Rev. D 98 (2018) no. 9, 092014	2018	12	Panjab University, Chandigarh, India	5
Search for a charged Higgs boson decaying to charm and bottom quarks in protonproton collisions at \sqrt{s} 8 TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 11 (2018) 115	2018	20	Panjab University, Chandigarh, India	11
Evidence for the	CMS Collaboration	Physical Review	2018	17	Panjab University,	6

associated production of a single top quark and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV	(N. Dhingra et al.)	Letters Phys. Rev. Lett. 121 (2018) no. 22, 221802			Chandigarh, India	
Search for long-lived particles with displaced vertices in multijet events in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review D Phys. Rev. D 98 (2018) no. 9, 092011	2018	29	Panjab University, Chandigarh, India	18
Search for pair-produced resonances decaying to quark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review D Phys. Rev. D 98 (2018) no. 11, 112014	2018	16	Panjab University, Chandigarh, India	13
Search for resonances in the mass spectrum of muon pairs produced in association with b quark jets in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1811 (2018) 161	2018	20	Panjab University, Chandigarh, India	16
Searches	CMS Collaboration	Journal	2018	18	Panjab University	14

for pair production of charginos and top squarks in final states with two oppositely charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV	aboration (N. Dhingra et al.)	of High Energy Physics JHEP 1811 (2018) 079			niversity, Chandigarh, India	
Measurements of the differential jet cross section as a function of the jet mass in dijet events from proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1811 (2018) 113	2018	21	Panjab University, Chandigarh, India	16
Precision measurement of the structure of the CMS inner tracking system using nuclear interactions	CMS Collaboration (N. Dhingra et al.)	Journal of Instrumentation JINST 13 (2018) no. 10, P10034	2018	5	Panjab University, Chandigarh, India	2
Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1811 (2018) 172	2018	17	Panjab University, Chandigarh, India	6

charged leptons, neutrinos and b quarks at $\sqrt{s}=13$ TeV						
Search for supersymmetry in events with a τ lepton pair and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1811 (2018) 151	2018	28	Panjab University, Chandigarh, India	19
Search for contact interactions and large extra dimensions in the dilepton mass spectra from proton-proton collisions at $\sqrt{s}=13$ TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1904 (2019) 114	2019	9	Panjab University, Chandigarh, India	8
Search for vectorlike quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s}=13$ TeV	CMS Collaboration (N. Dhingra et al.)	European Physics Journal Eur. Phys. J. C 79 (2019) no. 4, 364	2019	11	Panjab University, Chandigarh, India	7
Search for a heavy resonance decaying	CMS Collaboration (N. Dhingra et al.)	European Physics Journal Eur. Phys. J. C 79	2019	8	Panjab University, Chandigarh, India	6

to a top quark and a vectorlike top quark in the leptonjets final state in pp collisions at \sqrt{s} 13 TeV		(2019) no. 3, 208				
Measurement and interpretation of differential cross sections for Higgs boson production at \sqrt{s} 13 TeV	CMS Collaboration (N. Dhingra et al.)	Physics Letters B Phys. Lett. B 792 (2019), 369396	2019	21	Panjab University, Chandigarh, India	11
Inclusive search for supersymmetry in pp collisions at \sqrt{s} 13 TeV using razor variables and boosted object identification in zero and one lepton final states	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1903 (2019) 031	2019	10	Panjab University, Chandigarh, India	3
Observation of Single Top Quark Production in Association with a Z Boson in Proton-Proton Collisions at \sqrt{s} 13 TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review Letters Phys. Rev. Lett. 122 (2019) no. 13, 132003	2019	15	Panjab University, Chandigarh, India	7

Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	European Physics Journal Eur. Phys. J. C 79 (2019) no. 5, 391	2019	5	Panjab University, Chandigarh, India	2
Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1901 (2019) 154	2019	6	Panjab University, Chandigarh, India	1
Measurement of inclusive very forward jet cross sections in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1905 (2019) 043	2019	5	Panjab University, Chandigarh, India	3
Measurement of associated production of a W boson and a charm quark in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	European Physics Journal Eur. Phys. J. C 79 (2019) no. 3, 269	2019	7	Panjab University, Chandigarh, India	4
Search for resonant	CMS Collaboration (N.	European Physics Journal	2019	2	Panjab University, Chandigarh	1

production of second generation sleptons with same sign dimuon events in proton-proton collisions at $\sqrt{s} = 13$ TeV	Dhingra et al.)	Eur. Phys. J. C 79 (2019) no. 4, 305			, India	
Search for associated production of a Higgs boson and a single top quark in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review D Phys. Rev. D 99 (2019) no. 9, 092005	2019	8	Panjab University, Chandigarh, India	7
Combination of searches for Higgs boson pair production in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review Letters Phys. Rev. Lett. 122 (2019) no. 12, 121803	2019	38	Panjab University, Chandigarh, India	33
Search for long-lived particles decaying into displaced jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review D Phys. Rev. D 99 (2019) no. 3, 032011	2019	26	Panjab University, Chandigarh, India	17
Study of the underlying event in top quark pair production in pp	CMS Collaboration (N. Dhingra et al.)	European Physics Journal Eur. Phys. J. C 79 (2019) no. 2, 123	2019	14	Panjab University, Chandigarh, India	3

collisions at 13 TeV						
Measurement of differential cross sections for inclusive isolated photon and photon jets production in proton-proton collisions at \sqrt{s} 13 TeV	CMS Collaboration (N. Dhingra et al.)	European Physics Journal Eur. Phys. J. C 79 (2019) no. 1, 20	2019	13	Panjab University, Chandigarh, India	8
Measurement of charged particle spectra in minimum bias events from proton-proton collisions at \sqrt{s} 13 TeV	CMS Collaboration (N. Dhingra et al.)	European Physics Journal Eur. Phys. J. C 78 (2018) no. 9, 697	2019	8	Panjab University, Chandigarh, India	3
Measurement of differential cross sections for Z boson pair production in association with jets at \sqrt{s} 8 and 13 TeV	CMS Collaboration (N. Dhingra et al.)	Physics Letters B Phys. Lett. B 789 (2019), 1944	2019	10	Panjab University, Chandigarh, India	3
Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at \sqrt{s} 13 TeV	CMS Collaboration (N. Dhingra et al.)	Journal of High Energy Physics JHEP 1901 (2019) 122	2019	24	Panjab University, Chandigarh, India	23
Search	CMS Coll	Journal	2019	21	Panjab U	15

for the decay of a Higgs boson in the $\tau\tau$ channel in proton-proton collisions at $\sqrt{s} = 13$ TeV	aboration (N. Dhingra et al.)	of High Energy Physics JHEP 1811 (2018) 152			niversity, Chandigarh, India	
Search for supersymmetric partners of electrons and muons in proton-proton collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Physics Letters B Phys. Lett. B 790 (2019), 140166	2019	26	Panjab University, Chandigarh, India	23
Observation of the $Z\tau\tau$ decay in pp collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	Physical Review Letters Phys. Rev. Lett. 121 (2018) no. 14, 141801	2019	4	Panjab University, Chandigarh, India	0
Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in pp collisions at 8 TeV	CMS Collaboration (N. Dhingra et al.)	European Physics Journal Eur. Phys. J. C 78 (2018) no. 9, 701	2019	20	Panjab University, Chandigarh, India	14
Measurement of the top quark mass with lepton-jets final states using pp collisions at $\sqrt{s} = 13$ TeV	CMS Collaboration (N. Dhingra et al.)	European Physics Journal Eur. Phys. J. C 78 (2018) no. 9, 701	2019	33	Panjab University, Chandigarh, India	14
Elliptic	CMS Coll	Physical	2019	40	Panjab U	31

flow of charm and strange hadrons in high multiplicity pPb collisions at $\sqrt{s_{NN}}$ 8.16 TeV	aboration (N. Dhingra et al.)	Review Letters Phys. Rev. Lett. 121 (2018) no. 8, 082301			iversity, Chandigarh, India
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NIL	NIL	NIL	2018	0	0	0

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	7	17	2	2
Presented papers	12	11	3	2
Resource persons	1	0	0	1

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
International Literacy Day	3 PB (G) BN LDH	1	15
Seminar "Role of Armed Forces in National Building"	3 PB (G) BN LDH	1	20
Blood Donation Camp	3 PB (G) BN LDH	2	10
World Water Day	3 PB (G) BN LDH	2	15
Tribute to Brave CRPF Martyred Soldiers	3 PB (G) BN LDH	2	12
Seminar "Role of Armed Forces in National Building"	3 PB (B) BN LDH	1	15
Blood Donation Camp	3 PB (B) BN LDH	2	12

World Water Day	3 PB (B) BN LDH	2	12
Tribute to Brave CRPF Martyred Soldiers	3 PB (B) BN LDH	2	18
Medical Camp	Medical Lab Students	3	50
Group Discussion on World Suicide Prevention Day	Utshah Project PAU Ludhiana	2	18
7 Day Camp	NSS Unit	4	210
Blood Donation Camp	NSS Unit	4	135
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bhart	HRDC	Swachh Bhart Internship Camp	1	10
AIDS and Drugs Awareness	Red Ribbon Club	AIDS and Drugs Awareness Rally	6	245
Swachh Bhart Diwas	3 PB (G) BN LDH	Swachh Bhart	1	26
Red Ribbon Day	3 PB (G) BN LDH	AIDS Awareness	4	10
Swachh Bhart Diwas	3 PB (B) BN LDH	Swachh Bhart	1	20
Anti Drug Buddy Programme	Punjab Government	Buddy Group Formation	7	70
Social Welfare	Ek Nayi Umeed School For MR(Raikot)	Workshop for Parents of MR Kids	1	18
Simplicity in Social Functions	Utshah Project PAU Ludhiana	Group Discussion	2	18
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research	Dr. Nitish Dhingra	CERN	16
Small Saving project (Promotion)	School and College Students	GHG Khalsa College Gurusar Sudar (Dept of Political Science)	1
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industrial Training	In Plant Training	Verka Milk Plant Ludhiana	01/06/2018	30/06/2018	16
Industrial Training	In Plant Training	Verka Milk Plant, Amritsar	01/06/2018	30/06/2018	2
Industrial Training	In Plant Training	Verka Milk Plant Bathinda	01/06/2018	30/06/2018	3
Industrial Training	In Plant Training	Markfed Canneries, Jalandhar	01/06/2018	30/06/2018	13
Industrial Training	In Plant Training	Markfed Vanaspati and Allied Industries, Khanna	01/06/2018	30/06/2018	6
Industrial Training	In Plant Training	Nestle India, Moga	01/06/2018	30/06/2018	3
Industrial Training	In Plant Training	Ludhiana Beverages Private Ltd a Unit of Coco Cola	01/06/2018	30/06/2018	2
Industrial Training	In Plant Training	Bonn Nutrients Private Ltd, Ludhiana	01/06/2018	30/06/2018	2
Industrial Training	In Plant Training	Verka Milk Plant, Mohali	01/06/2018	30/06/2018	6
Hospital Laboratories	Laboratory Training	SRL Diagnostic Laboratory	01/07/2018	20/08/2018	2

		Ludhiana			
Hospital Laboratories	Laboratory Training	Wellness Path Lab Ludhiana	25/12/2018	25/01/2019	6
Hospital Laboratories	Laboratory Training	Life Care Hospital Raikot	25/12/2018	25/01/2019	4
Hospital Laboratories	Laboratory Training	Asha Hospital, Ludhiana	25/12/2018	25/01/2019	2
Hospital Laboratories	Laboratory Training	Chopra Nursing Home, Gurusar Sudhar	25/12/2018	25/01/2019	3
Hospital Laboratories	Laboratory Training	Tneja Hospital, Jagron	25/12/2018	25/01/2019	2
Hospital Laboratories	Laboratory Training	IVY Diagnostic Laboratory, Nawashahr	25/12/2018	25/01/2019	2
Hospital Laboratories	Laboratory Training	UVS Hospital, Raikot	25/12/2018	25/01/2019	2
Hospital Laboratories	Laboratory Training	Simrat Hospital, Raikot	25/12/2018	25/01/2019	2
Hospital Laboratories	Laboratory Training	National Laboratory, Tagron	25/12/2018	25/01/2019	2
Hospital Laboratories	Laboratory Training	Pannu Diagnostic Clinical Lab, Barnala	25/12/2018	25/01/2019	2
Hospital Laboratories	Laboratory Training	Advance Lab, Mullapur	25/12/2018	25/01/2019	2
Placement	Job Placement	IOL Chemicals Barnala	06/02/2019	06/02/2019	18
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Wellness Path Lab	09/05/2019	Lab Training	10
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**4.1 – Physical Facilities**

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1097000	963332

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
LIBMAN, New Delhi	Fully	9.1	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	34580	1817910	85	49196	34665	1867106
Reference Books	760	280261	6	22950	766	303211
Journals	106	262337	2	3999	108	266336
e-Journals	6000	5900	0	0	6000	5900
e-Books	3000000	0	300000	0	3300000	0
CD & Video	187	2947	0	0	187	2947
Digital Database	0	0	0	0	0	0
Library Automation	1	614923	0	59561	1	674484
Weeding (hard & soft)	0	0	0	0	0	0
Others(s	13493	1536523	203	70502	13696	1607025

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	28/12/2019
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	148	100	148	20	0	9	9	36	10
Added	0	0	0	0	0	0	0	0	0
Total	148	100	148	20	0	9	9	36	10

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

36 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	NIL

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
3335000	3153774	16398266	14485810

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

In every session, various committees are constituted for the maintenance and optimum utilization of physical, academic and support facilities. Various laboratories are utilized as per curriculum of the respective courses and these are updated from time to time as per university recommendations. In addition, visits of students from nearby schools are planned so as to motivate them and inculcate scientific temperament among them. Labs are also used for conducting various activities during events like DSTINSPIRE camps, science fairs etc. The central library building is housed in a magnificent two storied building having an area of 4650 square meter. It houses nearly 50,000 volumes along with a seating capacity of about 250 readers. Two reading halls are enriched with journals, periodicals and newspapers. The library is open for college students

as well as for the outside public. It is regularly updated as per the needs of students and recommendations of the library committee. Weblink: http://www.ghgcollegesadhar.org/degreelibrary.php?inst_id1 The sports complex and playgrounds are used efficiently for conducting various important tournaments at the inter college, inter university, district, state and national level from time to time. The shooting range is open for membership from the college students and outside public. Expert coaches from Panjab University, Chandigarh provide training to the students and youth from the nearby villages. The college is also running a watersports centre approved by Panjab University, Chandigarh. Weblink: http://www.ghgcollegesadhar.org/departments.php?val9inst_id1 As the lab computers are shared assets, the students may unknowingly expose the lab computers (and ultimately the institution) to security threats, viruses, malware, and more. Therefore, the IT cell of the college is well equipped to tackle such challenges and to provide consistent computing environment to the stakeholders. Regular checks against these kinds of threats are performed and the computers are kept well up to date.

<https://docs.google.com/viewer?url=http://www.ghgcollegesadhar.org/files/degree/aqar/4.4.2.docx>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	I) Student Aid Fund II) Student Scholarship Fund III) Alumni Association Scheme IV) Jagpal Scholarship Scheme V) Fee waiver to the students	194	3137826
Financial Support from Other Sources			
a) National	1. DCDC, PU, Chandigarh Sponsored Scholarship I) Single Girls Child II) Merit Scholarship 2. Guru Harkrishan Education Society, Chandigarh	23	99500
b) International	NIL	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Yoga	24/12/2018	200	Drishti Yoga Fitness Studio Ludhiana

Personal Counselling	10/07/2018	2198	GHG Khalsa College Gurusar Sadhar
Mentoring	01/09/2018	2198	GHG Khalsa College Gurusar Sadhar
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Competitive Coaching Classes	23	400	0	60
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
3	3	6

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
1) IOL Chemicals and Pharmaceutical 2) ICICI Prudential Life Insurance 3) Heritage Fitness and Sports Academy 4) AASH (All about Sports and Health)	191	60	IOL Chemicals LT	18	1
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of	Programme	Department	Name of	Name of
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	students enrolling into higher education	graduated from	graduated from	institution joined	programme admitted to
2018	13	B.P.Ed	Physical Education	GHG Khalsa College Gurusar Sadhar	M.P.Ed
2018	9	B.A	History	GHG Khalsa College Gurusar Sadhar	M.A History
2018	8	B.A	Punjabi	GHG Khalsa College Gurusar Sadhar	M.A Punjabi
2018	10	B.A	English	GHG Khalsa College Gurusar Sadhar	M.A English
2018	18	B.Sc	Math	GHG Khalsa College Gurusar Sadhar	M.Sc Math
2018	10	B.Sc	Chemistry	GHG Khalsa College Gurusar Sadhar	M.Sc Chemistry
2018	10	B.Sc	Physics	GHG Khalsa College Gurusar Sadhar	M.Sc Physics
2018	3	B.C.A	Computer Science	GHG Khalsa College Gurusar Sadhar	M.Sc IT
2018	2	B.Sc N.M	Science	GHG Khalsa College Gurusar Sadhar	M.Sc IT
2018	1	P.G.D.C.A	Computer Science	GHG Khalsa College Gurusar Sadhar	M.Sc IT
2018	7	B.Sc N.M	Science	GHG Khalsa College Gurusar Sadhar	P.G.D.C.A
2018	5	B.A	ARTs	GHG Khalsa College Gurusar Sadhar	P.G.D.C.A

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	0
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Reliance Youth Football Championship	North Zone	172
Annual Athletics Meet	College	300
P.U. Archery Championship	Inter College	105
Callaghan Cup (Rugby National Championship)	National	805
Gurbani Gayan Competition	Inter College	112
Dastarbandi Competition (Turban Wear Comp.)	Inter College	29
Teej Festival: A Celebrated of Womanhood	College	1016
NCC Activities	College	106
NSS Activities	College	133
Free Dental Check	College	150
Blood Donation Camp	College	112
Free Medical Check Up	College	345
ITBP Recruitment Examination	National level	1800
Departmental Activities (Academic Competition, Tour, Cultural Events etc.)	College	1463
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Gold Medal	Internat ional	1	0	5252	Sandeep
2018	Gold Medal	National	1	0	5391	Dolly and Manisha Kumari
2018	Gold	National	1	0	5292	Arpit

	Medal					Bajpai
2018	Bronze Medal	National	1	0	5257	Manju Bombria
2018	Silver Medal	National	1	0	5352	Arjun Kumar
2019	Gold Medal	International	1	0	5252	Sandeep
2018	Bronze Medal	National	1	0	5352	Arjun Kumar
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Yes, the college has a central students council. Its members are nominated by Principal and faculty members by taking representative from different groups of students. It consists of students (one male and one female) from various faculties (Science, Arts Commerce etc.), N.C.C., N.S.S. sports, hostel and curricular activities. It aims to identify problems and requirements of students and find the solution for the same in the interest of students as well as the institution, to bridge the communication gap between the students and the college administration, to maintain discipline and enhance cooperation and on the whole to uplift the academic and overall atmosphere of the college.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

G.H.G. Khalsa College Alumni Association, Gurusar Sadhar, Dist. Ludhiana is a registered body under Societies Registration Act. 1860 since 1998. It also has overseas chapters at Surry and Vancouver in Canada and California in U.S.A. It contributes for the development of the college in many ways. Presently, it has more than one thousand members from different countries. Officer bearers are selected unanimously for a term of two years. The institute organizes General Alumni Meet on second Saturday of February every year. This proves to be a great platform for the reunion of old students and retired faculty members. This day is always full of extraordinary emotions. Besides informal talks, rejoice and expressions the greater idea is to discuss for the allround development of the institution and well being of students. Planning is made and generous contributions are encouraged and arranged by alumni in form of funds, donations, scholarship schemes and monitory support for the infrastructural development.

5.4.2 – No. of enrolled Alumni:

760

5.4.3 – Alumni contribution during the year (in Rupees) :

339500

5.4.4 – Meetings/activities organized by Alumni Association :

1

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500

words)

We are firmly marching foreword to decentralization and participative management. • Two Staff Members are elected as staff representatives from faculty for college managing committee on regular basis. They put their opinion in every decision of management and participate in every resolution. • All administrative and managerial work of the institutions is done with cooperation of each other. For this different staff committees i.e. Advisory Committee, Examination Committee, Library Committee, Research Advisory Committee, Cultural Committee, Socioreligious Committee, Discipline Committee, Editorial Board of 'Gurusar', Advisory Committee for foreign and other state students, Sports Committee, Purchase Committee, Amalgamated Fund Committee, Central Student Association, Anti Ragging Committee, College Development Planning Board etc. are constituted. Student are also part of these committees put their opinion in many ways.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Research and Development	<ul style="list-style-type: none"> • Information Technology is utilized for the qualitative improvement of education to stimulate research activity. • College authorities are keen and encouraging to promote more and more oncampus and offcampus research activity in diverse fields. • The students of PG classes allocate research projects by their class teacher under his/her supervision. • Apiculture, Vermiculture, Water Testing are some fields where work has been initiated successfully.
Examination and Evaluation	<p>The system of learning and evaluation, especially the examination reforms, need to be improved both at the university and institution level, in the light of shifting education paradigm. There are examination reforms initiated by the institution:</p> <ul style="list-style-type: none"> • As per university guidelines 75 attendance is mandatory for all the students to appear in the final examinations. Phone calls, Messages and letters are sent to defaulters. PTMs are also organised to sensitise the parents. • Spot Evaluation has been introduced for fair evaluation. • There are evaluation reforms initiated by the institution: • Special tests for advanced, as well as slow learners are arranged. • Assignments based internal assessment is introduced in many courses. • To bring uniformity in marking, scripts marked by fresh teachers are rechecked

by seniors randomly, and anomalies if any, are removed. • Answer sheets of House Tests after marking are shown and discussed with students, so that they are convinced that no partiality / favouritism had been there in evaluation. • The list of internal assessment is displayed on the notice board so that the students can point out any discrepancy.

Library, ICT and Physical Infrastructure / Instrumentation

• Software for the complete computerization of college library is implemented and data entry and bar coding process has been completed. INFLIBNET NList programme enables access to 6000 ejournals, 3300000 eworld books titles and 125000 ebooks on various subjects. • ICT is such a field that need continuous updation. Latest machines and equipment are added according to requirement. New machines are purchased to replace the malfunctioning machine with old configuration on regular intervals. • Regarding physical infrastructure, on the recommendations of IQAC college management has completed the construction of additional labs and classrooms to accommodate new courses. College is going through a massive face lift and expansion. • Indoor Shooting Range Gymnasium Hall have been completed. Archery Range, Indoor Shooting Range Gymnasium Hall are being used by college teams and trainees.

Human Resource Management

• Insurance scheme for students is running for last few years. An insurance scheme from TATA AIG was implemented and a Group Personal Accidental Cover of upto 10 Lac was provided under the said scheme from the last session. • Insurance scheme for T/NT staff is also available. Feeling secure, employees devote more time and attention to improve their efficiency.

Industry Interaction / Collaboration

• Education tours and field visits are organised for various classes. • Some departments have signed MOU's with industry. FIT, CICU, Harisar Industries, Fortis Hospital are some organizations which collaborate with the college to provide practical training and career guidance.

Admission of Students

Admission committees are constituted for various courses. These committees guide the students to make their choice

as per their aptitude, ability and intelligence. Applications from the students are invited in advance. A merit list is prepared and interviews are conducted strictly as per the list prepared and a waiting list is also put up. Admission to every class/course is done under the supervision of admission committees of various classes/courses constituted for this specific purpose. Admissions to some postgraduate courses like M.Sc.(Chemistry, Physics, Maths) are conducted on merit bases and as per Panjab University rules.

Curriculum Development

Curriculum design and development is the forte of Board of Studies at Panjab University Chandigarh. The Board of Studies is elected from affiliated college and university departments having a term of two years. The representatives from this college in Board of Studies are the vehicles to carry the suggestion and feedback pertaining to curriculum enrichment. Internal meetings with students, staff, alumni and parents are instrumental for requirement analysis and charting out the changes to be suggested at university level.

Teaching and Learning

Following are some of the quality improvement strategies adopted by the institution in teaching and learning :

- INFLIBNET NList programme enables access to 6000 ejournals, 3300000 eworld books titles and 125000 ebooks on various subjects.
- The faculty has full access to well equipped laboratories and library. Teachers take student groups for library reference section activity.
- The faculty uses virtual library for effective teaching and learning.
- The faculty can make use of smart classrooms and language laboratory for ICT and advanced methods of teaching and learning.
- Feedback obtained through various sources is analyzed to evaluate the quality of teaching learning.
- House tests are held to assess the performance of the wards and monitor the efficiency of the system. Assignments, Research Projects and Class Tests are the source to evaluate the performance.
- The internal assessment system which has been implemented also helps to identify slow learners and take necessary steps like special classes and extra coaching

for such students to improve their studies.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	All information and decisions about planning and development are posted on college website regularly.
Administration	We introduced a new in home developed ERP system in the session 2017 18. Admission finance, fee collection, different reports etc. related matters are being operated through this.
Finance and Accounts	Fee Collection and pay distribution are also operated through ERP.
Student Admission and Support	All process of admission has been computerized, student related information and instruction are available online. It also provide all the admission / finance related reports.
Examination	Examination related information i.e. registration, examination forms, datesheets, roll nos. are provided by the university online.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	NIL	NIL	NIL	0
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	NIL	NIL	28/12/2019	28/12/2019	0	0
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional	Number of teachers who attended	From Date	To date	Duration
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development programme				
General Orientation Programme	1	01/05/2018	28/05/2018	28
Research Methodology in Social Sciences (ID)	1	22/05/2018	11/06/2018	21
Summer School in Material / Basic Sciences (ID)	1	16/06/2018	06/07/2018	21
Information Communication Technology (ICT)	1	18/06/2018	07/07/2018	20
Business Innovation and Sustainable Development	1	07/12/2018	27/12/2018	21
The Art of Self Management	3	15/01/2019	21/01/2019	7
National Level IndiaCMS Collaboration Meeting	1	15/02/2019	17/02/2019	3
Indian Economy and Society in 21st Century	1	25/03/2019	29/03/2019	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
2	31	0	3

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • Full pay scale to the eligible. • Contributory Provident Fund (CPF) • Study leave. • Group personal accidental insurance cover of upto ? 10Lac. • On campus residential facility. • Fee concession for staff wards. • Family pension. • Retiral benefits (Gratuity and Leave 	<ul style="list-style-type: none"> • Full pay scale to the eligible. • Contributory Provident Fund (CPF) • Study leave. • Group personal accidental insurance cover of upto ? 10Lac. • On campus residential facility. • Fee concession for staff wards. • Family pension. • Retiral benefits (Gratuity and Leave 	<ul style="list-style-type: none"> • Group Insurance. • Financial aid to poor brilliant students. • Incentives in the form of concession and cash prizes to the achievers in academic as well as extracurricular activities. • Book bank facility. • Ideal separate hostels for boys and girls students.

Encashment).

Encashment). • Uniforms for ministerial staff.

Concessional transport facility especially for girls students. • Concessional buspass facility. • Career counselling, guidance training and placement cell.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal : A bursar is appointed from senior faculty members for internal audit. Who work independently. External : An Authentic audit team conduct external audit on annual basis and submit reports.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Guru Gobind Singh Study Circle	10000	Seminar
View File		

6.4.3 – Total corpus fund generated

10000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Nill	Nill	Nill	Nill
Administrative	Nill	Nill	Yes	Staff Committee

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Although the college authorities remain in continuous touch with the parents right from the admission, but a dire need of Parent – Teacher Association is felt at the management and administrative level for quality enhancement.

6.5.3 – Development programmes for support staff (at least three)

1) They are encouraged to educate their children. 2) Special assistance in the form of financial aid, fee concessions, books etc. are made available. 3) Each teacher is given responsibility to look after the family of atleast one member from support / non teaching staff.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

Energy Conservation • We are going to install solar power systems in near future with the help of HRD Ministry (Govt. of India). • The college campus is eco friendly. The management, principal and staff are committed to this. Therefore college administration takes expert opinions, plans strategies to sustain environment and implement them effectively involving students and staff. Following measure have been taken to save energy: • The college classrooms are so airy and well lighted that they hardly need any artificial

lighting. Still the institution has installed Compact Florescent Lamps (CFLs) to conserve electricity. • Members of faculty and class representatives of different classes are deputed to check the wastage of electrical energy by ensuring that fans and lights should not run in unoccupied classrooms and laboratories. • All electronic equipment and gadgets are shut off during nonworking hours. • Solar water heaters are installed in both the hostels (boys' and girls') to conserve electricity. • Air conditions (ACs) are used rarely. We have all the ACs with high star ratings. • Best source of renewable energy is solar energy. Solar water heaters have been in operation for more than a decade and college is going to install solar lights in near future.

Water Harvesting • There is a unique water harvesting mode on our campus. The academic building of the college is placed at higher level of ground than vast play filed area. Therefore the run of water in rainy season slowly flows down to the three vast playgrounds where it percolates in the soil. • There is an arrangement for the storage of sewerage water which is reused to irrigate vast play grounds. • To reduce wastage of water sprinkling system of irrigation has been laid down the college play grounds. • The points with leakage and overflow of water are identified and appropriate measures are taken to prevent wastage of water. • Qualitative analysis of water is conducted periodically and filtered safe potable water is available at every part of the campus. But the waste water coming out from the filters is not wasted and is used in nearby lawns and gardens

Plantation • Every year tree plantation drive is carried out extensively within the campus and surrounding areas by N.S.S. volunteers and N.C.C. cadets of the institution and the campus is totally pollution free. • Our institution has well maintained botanical garden with biodiversity and herbal garden with medicinal plants. • Large number of ornamental plants is added every year to further beautify the magnificent campus.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Free Medical Checkup Camp	16/11/2018	22/02/2019	22/02/2019	345
2019	Blood Donation Camp	16/11/2018	22/02/2019	22/02/2019	112
2019	Two Matches of IPL Women Football	06/04/2019	07/05/2019	10/05/2019	50
2018	Punjab School Ludhiana distt. Archery Championship (Men Women)	16/04/2018	28/08/2018	29/08/2018	60

2018	Sen. National Rugby Championship 20182019 (Callaghan Cup)	16/04/2018	30/10/2018	04/11/2018	800
2018	GGSSC Sponsored Seminar on Life Teachings of Guru Nanak Devji	16/04/2018	10/11/2018	10/11/2018	98
2018	PU Inter College Men Women Archery Championship	16/11/2018	27/11/2018	29/11/2018	100
2018	North Zone InterCity Football Championship (RFYS)	16/11/2018	27/11/2018	30/11/2018	180
2018	ICHR Sponsored National Seminar on Peasantry Crises	16/11/2018	30/11/2018	30/11/2018	102
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Teej Festival	30/08/2018	31/08/2018	787	45
Women Empowerment	08/03/2019	08/03/2019	110	70

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
LED Bulbs are installed in the college campus Solar water heating systems installed in Girls and Boys Hostels. Sanction 512 KW solar power system with the help of HRD Ministry Govt. of India.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2

Provision for lift	Yes	2
Ramp/Rails	Yes	2
Braille Software/facilities	Yes	0
Rest Rooms	Yes	4
Scribes for examination	Yes	1
Special skill development for differently abled students	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	22/02/2019	1	Blood Donation Camp	Blood Donation by Student volunteers	234
2019	1	1	22/02/2019	1	Free Medical Checkup Camp	Gynaecology, Orthopaedics, Ophthalmics, Medicine Rheumatology	180
2019	1	1	03/03/2019	1	Lecture on Armed Forces	Role of armed forces in Nation Building	2000
2018	1	1	15/08/2018	1	Independence Day	Patriotism and Love for Motherland	1500
2018	1	1	08/09/2018	1	International Literacy Day	Literacy and Self Employment Tasks Among Rural Women	35
2018	1	1	10/09/2018	1	World Suicide Prevention	Causes of Depression and	35

					Day (Panel Discussion)	suicide among Agrarian society	
2018	1	1	18/09/2018	1	Tree Plantation Drive	Plantation of Fruit and Shady trees	68
2018	1	1	28/09/2018	1	Birth celebrations of Shaheed Bhagat Singh	Youth Leadership	173
2018	1	1	01/11/2018	1	Vigilance Awareness week	Awareness on NetBanking	40
2018	1	1	11/11/2018	1	National press day	AgriJournalism and Issues	300
2019	1	1	15/02/2019	1	Quiz, Paper reading and Guest Lecture	Enlightening Students on the Scope of Mathematics	110
2019	1	1	16/02/2019	1	Guest Lecture and Discussion	Working of Space Elevators	115
2018	1	1	02/11/2018	1	Small savings big gains	Expenditure control and sensible purchasing	160
2018	1	1	01/12/2018	1	Red Ribbon Day	Precautionary measures and medication for aids	397
2018	1	1	24/12/2018	1	Swachhta Abhiyan	Cleanliness of the rivulet adjoining Campus	170

2019	1	1	12/02/2019	1	Basant Utsav	Singing of Divine Ragas and Eternity	97
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Amended Rules Regulations of the Governing Council GHG Khalsa College Gurusar Sadhar(Ludhiana)	18/04/2019	The Institute follows the professional code specified by the governing body. The code of conduct has been framed for the members of governing body, principal, Staff - Teaching as well as nonteaching and students. The code for the staff is conveyed to them through meetings conducted from time to time. The Principal ensures that the teaching and support staff follows the code appropriately. The code for students is displayed in the college campus. Teachers communicate the code to the students in classes. It is also ensured by the faculty that code is being duly followed by the students. There is a code of conduct for the library as well. Its compliance is ensured by the Librarian.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Test of NaitikSikhya	13/10/2018	13/10/2018	34
PrakashPurab of Guru Nanak Devi Ji	14/11/2018	16/11/2018	2100
Barsi of S. Bakhtawar Singh Ji	20/02/2019	22/02/2019	2300
Exhibition of Religious Sacred Books (Sukrit Trust)	03/03/2019	03/03/2019	1650
Dastarbandi Competition	22/02/2019	22/02/2019	36

Educational Tour to Bhaini Sahib Educational	24/08/2018	24/08/2018	36
Recreational Trip to Chandigarh	09/04/2019	09/04/2019	46
Teachers Day Celebrations	04/09/2018	04/09/2018	210
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1) Green Landscaping with trees Plants 2) Artificial nests installed in the campus to conserve the declining bird population. 3) Staff Members students using public transport and carpooling. 4) Solar Heating system installed at the Boys and Girls Hostels. 5) Setting up of Apiary Garden and Vermicompost Producing Plants. 6) Botanical Garden. 7) Plastic Free Campus. 8) Use of water sprinklers in the grounds to save water.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title : Providing financial support to poor Needy students from the "Charity Bank" **Goal:** To Provide functional support to needy students as effort to help them achieve Education. **Context:** Students who do get the opportunity to study can contribute to enhance the society. **Practice :**

- The Management, Principal and Teaching faculty contribute some amount of money annually to the "Charity Bank" on voluntary basis.
- This money is used to help the students pay their college fee.
- Financial help in the form of Grocery or other material is provided to students who come from economically weaker sections of society whenever needed.
- The identity of the students who seek help is kept confidential.

Evidence of Success

- The students approach with their problems to the concerned staff and share their problems.
- They are then provided with the help according to their problems.

Title : Adoption of NonTeaching support staff by the teaching faculty. **Goal :** To create a cohesive and fostering environment **Context:** To make the nonteaching staff more efficient by creating stress free atmosphere for them as they are the backbone of the institution. **Practice :** Every year at the start of the session every nonteaching employee is adopted by a teaching faculty members.

- He or she is given guidance from time to time regarding his health, family and other matters.
- It is made sure that the person is in a good mental and physical state of wellbeing.
- It is made sure that he gets a complete medical checkup along with his/ her family annually.
- Any type of severe problem related to the family and kids health and education is solved with help of concerned faculty members.

Evidence of Success :

- The nonteaching staff has shown productivity as a result of this exercise.
- There has been better working conditions without any stress and harmonious relations exists between the non teaching and teaching faculty.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://docs.google.com/viewer?url=http://www.ghgcollegesadhar.org/files/degree/agar/7.2.1.docx>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The Distinctiveness of GHG Khalsa College, consists primarily in creative for its faculty and students an ambiance that provides a holding environment, a

psychological space that is both safe and uncomfortable. 'Safe because a holding environment is what we all need to grow and blossom a supportive environment. This type of environment is a result of the certain strengths imbibed in the atmosphere of the college. They are: 1) An adherence to its foundational concepts that have laid out the trajectory of its growth plan. 2) Its outstanding system of management which ensures a shared vision a cohesive team work and an engaging work culture. 3) Its meticulously planned and implemented personal and professional development programmes for its faculty and students. 4) Its efficient governance structure and administrative mechanisms to ensure speedy implementation of all developmental plans. 5) Its relentless efforts at attaining the best possible balance between growth and sustainability. 6) Our commitment as responsible stewards of the extraordinary campus is blessed with a devotion to ensure biodiversity, ecoconsciousness and reverence for the gift of nature. Taken together these strengths have contributed in ample measure towards the creation of a culture in the college campus that is uniquely our own and it energizes us all in what we do, and knits us together in an educative community. Look around our campus, classroom labs sports facilities and affinity among the staff, students and faculty that cuts across all distinctions at the campus and here we feel blessed by Guru Hargobind Sahib Ji and NihangShamsher Singh Ji. This ambiance taken to gather with our multifaceted social commitment programmes involving every member of the faculty and students results in framing the GHG Alumni who are morally upright, spiritually inspired and socially committed. B. Counselling The Institute takes special care in counseling students in gender equality and gender amity. It takes proactive role in creating social, physical and psychological environment and awareness. Counselling is provided to encourage the students for early reporting of any experience regarding sexual harassment, gender conflict and other personal problems. The students are encouraged to create a healthy environment in and around the campus. Awareness and counseling has been generated to ensure that complaints will be dealt with in a sensitive equitable fair, timely and confidential manner. In Order to train the faculty members in counseling skills workshop are organized from time to time to create a sense of mastery in the teacher students relationships. C. The Institute also caters the need of more than 600 villages by providing higher education to students belonging to remote areas of the surrounding districts. There is bus service for Girls students to villages as for as 50 Kilometers which is provided at minimum cost. So we as a team contribute to educate girls and make an effort towards women empowerment and making the society a better place to live in.

Provide the weblink of the institution

<https://docs.google.com/viewer?url=http://www.ghgcollegesadhar.org/files/degree/agar/7.3.1.docx>

8.Future Plans of Actions for Next Academic Year

The branches of our future plans tree have roots in the history of our glorious 71 years. The first and foremost agenda will always remain to continue serving the nation by providing affordable quality education and producing well educated and employable citizens with high moral and humanitarian values. Our top most priority is to enable the under privileged bright students to pursue their dreams of higher education. We strongly believe that no deserving students should be deprived of higher education due to the lack of affordability. We have a clearcut and transparent policy in place for the said purpose. To contribute to the national goals set by the Center as well as State Governments to promote the research and development among young minds, we are keenly working towards setting up a research facility/center in the college. Our research cell is actively working to actualize the plans in the near future. This institute has a golden history of giving four Hockey Olympians and hundreds of international players to

the country. This place is better known as a nursery of budding sports talent. To take the legacy forward, we are committed to keep upgrading the existing sports infrastructure in fine tune with the global standards. We are trying to establish linkages with various sports funding agencies to establish a center of excellence in sports at this place. We believe that the education without moral, ethical and social values is of little use. We are already running various social outreach programs in and around the institution. We are expanding the reach of our social outreach programs with each passing year and have plans to continue expanding further.