



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	GOSWAMI GANESH DUTTA SANATAN DHARMA COLLEGE
Name of the head of the Institution	DR. BALRAJ THAPAR
Designation	Principal (in-charge)
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	01724912400
Mobile no.	9872227460
Registered Email	info@ggdsd.ac.in
Alternate Email	iqac@ggdsd.ac.in
Address	Sector 32 C
City/Town	Chandigarh
State/UT	Chandigarh
Pincode	160030

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Urban			
Financial Status		state			
Name of the IQAC co-ordinator/Director		DR. JASVEEN DUA			
Phone no/Alternate Phone no.		01724912400			
Mobile no.		9915731482			
Registered Email		info@ggdsd.ac.in			
Alternate Email		iqac@ggdsd.ac.in			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://ggdsd.ac.in/wp-content/uploads/2018/10/AOAR-2017-18.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://ggdsd.ac.in/wp-content/uploads/2019/07/academic-cal-2019.pdf			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	83.05	2004	08-Jan-2004	07-Jan-2009
2	A	3.16	2011	16-Sep-2011	15-Sep-2016
3	A+	3.53	2017	22-Feb-2017	21-Feb-2022
6. Date of Establishment of IQAC			01-Jan-2005		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by	Date & Duration		Number of participants/ beneficiaries		

IQAC		
Regular meetings of steering committee with stakeholders	31-Oct-2018 1	11
Regular meetings of steering committee with stakeholders	20-Apr-2019 1	7
Regular meetings of steering committee with stakeholders	13-May-2019 2	7
Regular meetings of steering committee with stakeholders	24-May-2019 2	13
Meeting regarding Participation in NIRF & AISHE and its follow up	12-Oct-2018 3	5
Meeting regarding Participation in NIRF & AISHE and its follow up	23-Apr-2019 2	6
Formal Feedback session of students	16-Apr-2019 0	3280
Formal Feedback session of teachers	13-Apr-2019 0	161

8. Provide the list of Special Status conferred 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
Biotechnology, Physics, Chemistry Depts.	STAR College Scheme	DBT, New Delhi	2019 3	6300000
DDU Kaushal Kendra	B.Vocational Skill-based courses	UGC, New Delhi	2015 3	3986600
Biotechnology Dept.	JRF Fellowship	ICMR	2019 3	190000
Institution	CPE	UGC, New Delhi	2014 5	1100000
Institution	Capacity Building Scheme of RUSA	SPD, Chandigarh	2018 1	150000
Faculty of Science	Science Promotion Scheme	DST Chandigarh	2018 1	154250
Faculty of Science	Environment Awareness	Ministry of Environment & Forests, Chandigarh	2018 1	50000

		Administration		
Institution	NSS	Chandigarh Administration	2018 1	58693
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	6
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	View File
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)
<ul style="list-style-type: none"> • Granted Research centre in Commerce by Panjab University • National Seminar in Hindi "Vaishvik Dharatal Par Hindi" • Hosting of 60th Panjab University 'Zonal Youth And Heritage Festival' (ZoneA • Introduced B. Vocational course in Logistics Management • Introduced Geography as an Elective subject in B.A

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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
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Plan of Action	Achivements/Outcomes
Formulating Academic Calender	• 49 activities were organized as per the Academic calendar released in the beginning of the session
Strengthening of Research component	Research Centre in Commerce was granted by Panjab University, Chandigarh • 73 research papers /articles published in reputed journals • 192 workshops/seminars/conferences were attended by faculty members.
Quality enhancement	• 01 National level seminar, 03 state-level Seminars and 18 regional workshops & other activities were conducted by various

	departments/clubs/societies
Faculty enrichment	• 05 faculty members acted as resource persons
Participation in curriculum development	• 21 faculty was elected in BOS as representative members
Encouraging holistic development of students	• The college hosted Inter-College Youth Festival (Zone-A) in the month of September, 2018 and College was a proud winner of many championships in Sports • 19 students qualified UGC-NET/CSIR/CDS and other competitive examinations
Career advancement	• 22 faculty members attended RC/OC/FDP as a step towards Faculty enrichment programme. • 02 faculty were awarded Ph.D degrees while in-service • 21 faculty members published books or contributed book chapters
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Governing Body	19-Sep-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
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Date of Visit	30-Jan-2017
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2018
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Date of Submission	26-Feb-2018
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The college has signed an MoU with Tata Consultancy Services, which enables full automation of all administrative as well as academic transactions. TCSiON offers need based , modular,scalable configurable clod based solution on the click of a mouse.Its dashboard offers a summarized information of various
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modules. 1. Digital Campus: This tool fulfills the administrator requirements and helps retrieve the required information. Commonly known as Campus Management System (CMS), it empowers the college to carry out all the teaching and administrative activities in easy and transparent manner. This portal organizes students' information from admission to declaration of examination results. The college has developed an online system with help of TCSiON through which a candidate is required to fill online eform, the link for which is available on the college website www.ggdsd.ac.in. It includes seat allocation, batch allocation and student enrollment, hostel occupancy, attendance, midsemester tests and final exam marks. 2. Digital Learning: Digital learning helps the faculty to enroll students into various communities and courses. This enables the students to view and attempt assessments and assignments online. Faculty and students can upload and share relevant content, videos and text. Faculty can plan their courses and their teaching methodologies. This is a tool which automatically creates a database/library for the students and the faculty. 3. Learning Exchange (LX) System: The College in association with TCS iON hosted Learning Exchange (LX) system for teaching online. Teachers can upload and share lectures, videos, powerpoint presentation, assignments, online test for students and students can access ebooks through this facility. 4 HRMS 5. Pay Roll 6. FNA 7 PI Students can view their personal profiles, timetables, faculty allotments, due fees, attendance and result through their own Login IDs. They can also pay fee through fee biz app and apply leave online through self service/mtop (mobile app). Faculty management (HRMS) is also part of this system enabling faculty to mark attendance, apply leave, enter marks, etc. within the system itself. There are two other modules called FNA (Finance and Accounting) and PI (Procurement and Inventory) which help to reduce load on administrative staff and helps to gain transparency in the system.

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 curriculum followed by the college is framed by Panjab University, Chandigarh and is periodically revised as per the deliberation of board of studies .Faculty members who are members participate in the various BOS meetings and contribute of syllabi revision and improvement. The college is currently having the following mechanisms for effective delivery of curriculum.

- Departmental Heads provide teacher allocation as per the norms which is approved by the Principal duly and forwarded to the Time-Table committee prior to each academic session
- A well constructed weekly schedule/ time table is constructed and implemented by the college for each semester for both UG and PG classes
- Classes are held according to the schedule under the supervision of college administration
- As the academic session begins, each department conducts departmental meetings wherein the latest curricula are discussed and the concerned teachers prepare teaching plans.
- Teaching plan is prepared as per the o Topics to be covered pre Mid-semesters and post MSTs o Tentative number of classes for each topic
- College has a central library with open access system and a reference section too
- A good number of Journals are regularly subscribed by the college as per the requirement
- Inflibnet(e-books and e-journals) facility is available for teachers and also for the students
- College has registered for NDL (National Digital Library) where teachers and students can have the access of e-learning resources
- Several classroom teaching methods as per the need of different subjects are regularly used for the effective delivery of the curriculum. These include: o Talk, Walk and Chalk method o ICT-enabled teaching-learning method o Use of different softwares for effective teaching o Use of LX module for curriculum dissemination o Use of scientific models, displays and charts for effective lecture delivery o Group discussion amongst the students during the class o Micro-teaching and seminars by students related to curriculum. o Adequate instrument facility is provided to the students for their practical classes o Field work and educational excursions o Project work and dissertations are part of curriculum implementation in some courses o Seminars and Invited/extension lectures by experts are arranged regularly for in-depth studies o Workshops and hands-on-trainings on specific modules is conducted off and on o On-the-job trainings are held during summer and winter breaks
- Regular class test, Mid-semester examinations, Conditional tests, regular assessment in practical classes, viva-voce, are undertaken to keep track of the students' academic performance
- Departments maintain the detailed record of the classes, assessments, project reports etc.
- College administration also keeps a vigilant eye on the results, departmental proceedings and student needs

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
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction

BVoc	B.Vocational in Logistics Management	09/10/2018
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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
No Data Entered/Not Applicable !!!		

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

	Certificate	Diploma Course
No Data Entered/Not Applicable !!!		

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
Certificate course in Human Rights	01/04/2019	19
Certificate course in Urdu	01/01/2018	55
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	bioinformatics	13
BSc	bioinformatics	21
MSc	biotechnology	32
BSc	general	22
MSc	applied chemistry	23
MSc	information technology	37
MCom	commerce	84
BVoc	retail management	59
BVoc	Fashion Technology & Apparel Design	66
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
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

• Feedback is obtained from various stakeholders from time to time. IQAC of the institute maintains different feedback forms to obtain information from stakeholders. After collection of feedback, the Statistical Cell helps in analysis of the feedback • Students feedback is filled by both UG and PG Students at the end of academic session o Feedback is received on varied aspects/services offered in the college campus including faculty, canteen, laboratory, library, administration and academics o The points are calculated according to the grades given by the students in various criteria o Strengths and weaknesses mentioned by the students are summarized • Parents feedback is also collected from the parents during Parent Teacher Meetings (PTMs) that is organised by the college. • Suggestions and comments given by the guardians/parents are taken into account for future development • Alumini feedback is also collected by College Alumini Association (SDAAC) from the alumini on annual Alumini meet • Student progression and feedback is also collected on each convocation to keep a track of passed outs and and their progression to higher studies/services • College looks forward from pass out students for improvement and suggestions with a positive attitude and tries to work on shortcomings • Teachers' feedback is obtained from the teachers' at the end of an academic session After the analysis of data obtained through feedback form from the stakeholders, the institute tries to improve upon the shortcomings and an action plan is chalked for improvement

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
MCom	mcom	80	96	85
MA	economics	60	155	56
MA	english	40	150	40
MSc	biotechnology	40	128	39
MSc	bioinformatics	40	43	24
MSc	information technology	40	84	32
MSc	physics	40	179	43
MSc	applied chemistry pharmaceuticals	40	77	24
MCom	M.Com (Entrepreneurship and Family Business)	40	72	36
PGDCA	computer applications	60	68	31
PG Diploma	Mass Communication	30	54	27
PG Diploma	Marketing Managment	60	155	53

PG Diploma	Personnel Management and Labour Welfare	60	45	34
BCom	bcom	350	402	359
BBA	bba	120	145	131
BCA	bca	120	136	136
BA	ba	800	2496	1000
BSc	medical and non-medical	280	539	423
BSc	bitechnology	30	39	26
BSc	bioinformatics	30	28	23
BVoc	B.Voc Agri Business & agrarian entrepreneurship	50	30	16
BVoc	B.Voc Food Processing and Preservation	50	35	22
BVoc	B.Voc Fashion Technology & Apparel Design	50	45	28
BVoc	B.Voc Hardware and Networking	50	63	40
BVoc	B.Voc Retail Management	50	85	46
BVoc	B.Voc Logistics Management	50	30	24
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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	6027	865	144	45	231

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	Number of smart classrooms	E-resources and techniques used
231	121	22	30	22	33

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

informal methods of mentoring are followed. Mentoring at different levels i.e academic , extracurricular activities, sports and research is based upon the competence and inherent ability of the mentee. • At the beginning of each session, the Principal of the institute conducts an orientation programme for each stream, whereby the mentoring system is officially communicated to the students. The mentees are acquainted with the institution, its goals and mission, the facilities available and the rules and regulations of the affiliating university. The mentors thereby take charge of their mentees and maintain the details of each individual including educational background, socioeconomic status and aspired career goals from where starts the formal mentoring • Students of each subject have a fulltime allocated teacher as their mentor. For the subjects where the number of students is large, more than one mentor are allotted and the students distributed in sections • At the beginning of the academic session, the subjectwise names of the mentors for various classes are displayed on the college website and student notice board. The mentors hold the responsibility for academic progress and psychological wellbeing of their mentees • Academically speaking, mentoring is a routine in practical subjects, where students are distributed in small groups of 2025 and incharges appointed to look after academic and psychological wellbeing of the allotted students besides monitoring their attendance performance, the automated record of which is maintained by Automation cell • Research mentors are appointed by the respective HODs who guide the students and encourage them for shortterm inhouse projects in various streams viz., Biosciences, Basic sciences, BBA, M.Com, Vocational courses, etc. • For Extracurricular activities, a talent hunt is organised at the beginning of the session to identify the students. As per the activity, different mentors are appointed to train the students and polish their skills. Even professional coaches are hired by the mentors as per the requirement who train the students in a professional way for various events and these students then represent the college in various Cultural fests and Youth Festivals • Sports coaches are there to mentor and train the students for various games as per their latent talent and the students under their training are able to compete for championships at State, National International level

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
6892	189	36.46

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
189	179	10	80	107

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
2018	Dr. Anuprabha	Assistant Professor	'Science Academies' Summer ResearchFellowship Programme2018, at IAScINSANASI, Bengaluru
2018	Dr. Bhushan K. Sharma	Principal	Chandigarh Rattan by All India Conference of Intellectuals
2018	Dr. Ajay Sharma	Associate Professor	Chandigarh Rattan by All India Conference of Intellectuals
2018	Dr. Ajay Sharma	Associate Professor	Bharat Ratna Mahamana Pandit

			Madan Mohan Malviya Memorial Award
2018	Dr Priya Khanna Chadha	Assistant Professor	BEST PAPER AWARD at International Conference held at Dubaion 12 October, 2018.Special Jury Award : for video competition on the theme `Environment by Bachpan Express Bilingual monthly newspaper.
2019	Dr. Balraj Thapar	Principal(in-charge)	Bagged 3rd position in Ecoclub under National Green Corps Environment Society Award on 5th June,2019 by Ministry of Environment Forests, Chandigarh
2019	Dr. SupriyaVaid	Assistant Professor	Received National Green Corps Environment Society Award, 2019 (Third Prize)
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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
BCA	BCA	6	16/05/2018	29/06/2018
BBA	BBA	6	24/05/2018	03/07/2018
BCom	BCM	6	30/05/2018	05/07/2018
BSc	BIOT	6	01/06/2018	06/07/2018
BSc	BSC	6	01/06/2018	09/07/2018
BSc	BIN	6	01/06/2018	16/07/2018
BVoc	FTAD	6	22/05/2018	20/08/2018
BVoc	HNT	6	28/05/2018	20/08/2018
BVoc	RM	6	22/05/2018	20/08/2018
BVoc	FP	6	22/05/2018	28/08/2018
BA	BA	6	01/06/2018	09/07/2018
MCom	MC	4	28/05/2018	21/08/2018
MA	MAENG	4	28/05/2018	21/08/2018

MSc	401	4	01/06/2018	21/08/2018
MSc	IT	4	07/05/2018	25/06/2018
MSc	PHY	4	01/06/2018	31/08/2018
MSc	MBIO	4	01/06/2018	01/08/2018
MSc	MBIN	4	01/06/2018	02/08/2018
MCom	FB	4	25/05/2018	09/08/2018
MA	MAECO	4	31/05/2018	13/08/2018
PGDCA	PGDCA	2	16/05/2018	07/09/2018
PG Diploma	PGDMC	2	24/05/2018	07/09/2018
PG Diploma	DMM	2	01/06/2018	25/10/2018
PG Diploma	DPM	2	31/05/2018	25/10/2018
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Institution has a 2tier system of internal evaluation which is communicated in advance to students to monitor the academic performance. • Midsemester Examinations are held in each semester and the students who fail to qualify the minimum eligibility are given a second chance to appear in Conditional test. • Besides Internal assessment is another method followed for evaluation that is based on snap tests, debates, extempore, group discussion, seminar presentations, regularity, competence, etc. In Practical subjects, shortterm projects (group projects independent projects), case studies, onjob trainings and overall practical performance of the student is considered for internal evaluation • Best students are selected for Academics, Extracurricular activities and Sports. They are honoured on Annual Prize Distribution function that inspires other students too

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

The college prepares academic calendar at the beginning of each session that is strictly followed. The academic calendar is communicated to the students through its admission brochure and website. The faculty has the same notified in their attendance registers that enables them to plan up their teaching plans. The institutional academic calendar reflects the - • Admission Schedule • Facultywise orientation schedule • Semesterwise teaching schedule of the college (Academic TermI Academic TermII) • Facultywise student Freshers' schedule • Talent Hunt Week schedule • PU Zonal Youth Festival schedule (decided by PU) • Schedule of Sports competitions • Tentative schedule of academic activities (Seminars/Workshops) • Schedule of various Clubs Societies (NSS, NCC, TEDX, SDMUN, Van Mahotsava, Literacy Day. etc.) • Midsemester Examinations • Tentative schedule of Educational excursions tours Industrial Training Shortterm Project work • Cultural week schedule • Tentative schedule of Endsemester University examinations • Tentative schedule of Vacations (Winter break Summer break) • List of holidays (national holidays, state holidays, local holidays) • Schedule of Festivals celebrated by the institute (National , cultural religious Festivals) • Tentative schedule of Annual Prize Distribution Convocation • Tentative schedule of Placement Cell (As per the Placement companies) • Schedule of Annual Alumini Meet (SDAAC) • Facultywise student Farewell schedule

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)

<http://ggdsd.ac.in/wp-content/uploads/2019/09/Programme-Outcomes-final.pdf>

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
MBIO	MSc	MBIO	25	25	100
401	MSc	APPLIED CHEMISTRY PHARMACEUTICALS	20	20	100
PHY	MSc	PHYSICS	49	48	97.96
BIN	BSc	BIN	19	19	100
BIOT	BSc	BIOT	24	23	95.83
BSC	BSc	BSC	249	233	93.5
BA	BA	BA	738	738	100
RM	BVoc	RETAIL MANAGEMENT	29	29	100
IT	MSc	IT	33	33	100
PGDCA	PGDCA	PGDCA	30	26	86.6
BCA	BCA	BCA	113	113	100
HNT	BVoc	HNT	6	6	100
FP	BVoc	FP	17	17	100
FTAD	BVoc	FTAD	11	11	100
BCM	BCom	BCM	367	352	95.9
BBA	BBA	BBA	128	121	94.5
MC	MCom	MC	83	79	95.1
DMM	PG Diploma	DMM	39	38	97.4
DPM	PG Diploma	DPM	11	11	100
FB	MCom	FB	23	15	65.2
MAECO	MA	MAECO	47	42	89.36
MAENG	MA	MAENG	37	28	75.67
PGDMC	PG Diploma	PGDMC	19	17	89.47
MBIN	MSc	MBIN	14	14	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://ggdsd.ac.in/wp-content/uploads/2019/09/SSS.pdf>

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
Major Projects	3	DSTSERB	1996000	300000
Major Projects	3	DSTSERB	2431000	1850332
Interdisciplinary Projects	2	DBT, New Delhi	400000	300000

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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
Lecture Series on Biotechnology and IPR	Biotechnology	29/03/2019
Innovative Experiments in Physics	Physics	30/03/2019

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
IIC	GGDSD College	MHRD	21/11/2018	Innovation Cell

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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
No Data Entered/Not Applicable !!!					

No file uploaded.

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

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

Name of the Department	Number of PhD's Awarded
Biotechnology	1
Chemistry	1
Physics	4

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)
National	Physical education	1	2
National	Zoology	6	4.83
International	Botany	1	2.50

International	Chemistry	16	2.38
National	Fashion Designing	1	5.8
National	BIOTECHNOLOGY	2	3.58
National	BIOINFORMATICS	2	0.75
National	COMMERCE	1	6.4
International	BIOTECHNOLOGY	7	1.2
International	BIOINFORMATICS	4	0.72
International	STATISTICS	1	1.93
International	PHYSICS	16	1.42

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
Biochemistry	3
Botany	8
Chemistry	7
Commerce	5
Journalism	1
Physical Education	1
Punjabi	1
Information Technology	1
Economics	1

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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
Evaluation of the kinetic and catalytic properties of biogenically synthesized silver nanoparticles, 2018, 198, pg 882890	Jyoti Kataria	Journal of Cleaner Production	2018	7.32	P.G. Department of Chemistry, Panjab University Research Centre, GGSDS College, Sector 32C,	10
Chemical state analysis of Cl K α and K β , 1,3	Dr.Sanjeev Kumar	Nuclear Inst, and Methods in Physics Research,	2018	4.58	Department of Physics, G.G.D.S.D. College, C	2

Xray emission lines using polychromatic WDXRF spectrometer		416, Pages 6267			handigarh, India	
Investigations on Photocatalytic, Antimicrobial and Magnetic Properties of Sol-Gel Synthesized GaDoped ZnO Nanoparticles	Dr.Sanjeev Kumar	International Journal of Nanoscience, Vol. 17, No. 3 Pages 1850014..	2018	0.71	Department of Physics, G.G.D.S.D. College, Chandigarh, India	1
Patients dose estimation in CT examinations using size specific dose estimates	Dr.Sanjeev Kumar	Radiation Protection Dosimetry, Volume 184, Issue 2, Pages 256-26	2018	0.87	Department of Physics, G.G.D.S.D. College, Chandigarh, India	1
A comparative study of transport properties of copper doped cadmium selenide thin films at two dopant concentrations	Dr. Kriti Sharma	Journal of Materials Science: Materials in Electronics 29 (2018) 9596-9604	2018	2.16	GGDSD College	1
Characterization of Nickel Cobalt Oxide: a Potential Material for Supercapacitor	Dr. kriti Sharma	Mater. Res. Express vol. 6, page 025502	2019	1.33	aGGDSD COLLEGE CHANDIGARH	2
Recent Named Entity Recognition	Archana Goyal	Computer Science Review, ELSEVIER	2018	10.05	PG Department of Information Techn	19

and Classification techniques: A systematic review					ology, GGSDS College, Chandigarh, India	
An Approach for Analyzing the Reliability and Profit of an Industrial System Based on the Cost Free Warranty Policy	Dr Ram Niwas	Journal of the Brazilian Society of Mechanical Sciences and Engineering (SCI	2018	1.93	GGSDS College Sector 32, Chandigarh (U.T.) India. 160030	11
Removal of ciprofloxacin hydrochloride from aqueous solution using vertical bed and sequential bed columns	N. Sharma, N. Dhiman	Journal of Environmental Chemical Engineering	2018	4.09	Dr. SSBUCET, P.U, Chandigarh	1
Fabrication and Characterization of Core Shell Morphology of PLGA/PLA pNIPAM Nanocomposite for Better Entrapment and Release Kinetics of Hypertensive Drugs.	Tanushree Basu, Bonamali Pal and Satnam Singh	Particulology	2018	3.06	Thapar Institute of Engineering Technology, Patiala	3
Hollow Chitosan Nanocomposite as Drug	Tanushree Basu, Bonamali Pal and	Chemical Physics Letter	2018	1.8	Thapar Institute of Engineering Techn	1

Carrier System for Controlled Delivery of Ramipril.	Satnam Singh				ology, Patiala
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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
In silico mutational analysis and identification of stability centers in human interleukin4	Sandeep Saini, Chander Jyoti Thakur, Varinder Kumar	Molecular Biology Research Communications (MBRC)	2018	2	0	GGDSD College, Chandigarh
Computational prediction of miRNAs in Nipah virus genome reveals possible interaction with human genes involved in encephalitis	Sandeep Saini, Chander Jyoti Thakur, Varinder Kumar	Molecular Biology Research Communications (MBRC)	2018	2	2	GGDSD College, Chandigarh
Using Protein-Protein Interaction Network to Prioritize Drug Targets for Malaria	Ruchi Sachdeva	International Journal of Scientific Research and Reviews	2018	2	0	GGDSD College, Chandigarh
Synthesis, Biological Evaluation, Molecular Docking and DFT Study of	Varinder Kumar	Chemistry Select (Wiley Publication)	2018	2	3	GGDSD College, Chandigarh

Potent Antileishmanial Agents Based on the Thiazolo[3, 2a]pyrimidine Chemical Scaffold						
Green biomimetic preparation of efficient Ag-ZnO heterojunctions with excellent photocatalytic performance under solar light irradiation: a novel biogenic deposition precipitation approach, 2019, 1, pg1035-1044	Jyoti Kataria Jyoti Kataria	Nanoscale Advances	2019	5	5	P.G. Department of Chemistry, Panjab University Research Centre, GGSDS College, Sector 32C, Chandigarh
Evaluation of the kinetic and catalytic properties of biogenically synthesized silver nanoparticles, 2018, 198, pg 882890	Jyoti Kataria Jyoti Kataria	Journal of Cleaner Production	2018	5	10	P.G. Department of Chemistry, Panjab University Research Centre, GGSDS College, Sector 32C, Chandigarh
Chalcone scaffolds as photo functional hybrid material of indoline functionalized siloxy framework	Gurjaspreet Singh, Pooja Kalra, Aanchal Arora, Akshpreet Singh, Geetika Sharma, Sanchita Grewal, Pinky Satija	New Journal of Chemistry	2018	1	0	Department of Chemistry, Panjab University, Chandigarh

for optical sensing of Cu ₂						
Ester appended Organosilanes: Paradigm for the detection of Cu ₂ , Pb ₂ and Hg ₂ ion	Gurjaspreet Singh, Sanchita, Akshpreet Singh, Geetika Sharma, Pooja Kalra, Pinky Satija, Diksha, Sajeev Soni	Inorganica Chimica Acta	2019	1	0	Department of Chemistry, Panjab University, Chandigarh, GGSDS College Sec 32C Chd
Characteristics and mechanism associated with drug conjugated inorganic nanoparticles	Dr. Shikha Gupta	Journal of Drug Targeting, Volume 27, Issue 8, 813829	2019	4	0	Goswami Ganesh Dutta Sanatan Dharma College, Sector 32 Chandigarh, India
Luminescent core@shell nanoparticles functionalized with PEG for biological applications	Dr. Shikha Gupta	Colloids and Polymers Science, vol 297 (Issue 4), Pages 603611	2019	4	0	Goswami Ganesh Dutta Sanatan Dharma College, Sector 32 Chandigarh, India
PEGylated CdSe/ZnS Core/Shell Nanoparticles for Controlled Drug Release	Dr. Shikha Gupta	AIP Conference Proceedings, vol. 1953, pages 030157	2018	4	0	Goswami Ganesh Dutta Sanatan Dharma College, Sector 32 Chandigarh, India
pH dependent conjugation of Ibuprofen to PEGylated nanoparticles	Dr. Shikha Gupta	AIP Conference Proceedings, vol 1942, page 050092	2018	4	0	Goswami Ganesh Dutta Sanatan Dharma College, Sector 32 Chandigarh, India
Chemical state analysis	Dr. Sanjeev Kumar	Nuclear Inst, and Methods in	2018	10	2	Department of Physics,

of Cl K α and K β , γ X-ray emission lines using polychromatic WDXRF spectrometer		Physics Research, 416, Pages 6267				G.G.D.S.D. College, Chandigarh, India
Investigations on Photocatalytic, Antimicrobial and Magnetic Properties of Sol-Gel Synthesized GaDoped ZnO Nanoparticles	Dr.Sanjeev Kumar	International Journal of Nanoscience, Vol. 17, No. 3 Pages 1850014	2018	10	1	Department of Physics, G.G.D.S.D. College, Chandigarh, India
Estimation of radiation exposures to the patients in diagnostic and therapeutic interventional procedures	Dr.Sanjeev Kumar	Radiation Protection Dosimetry, Volume 181, Issue 3, Pages 290-300	2018	10	0	Department of Physics, G.G.D.S.D. College, Chandigarh, India
Measurement of L XRF crosssection for elements with $Z < 51$ and their interpretation in terms of Li (I 13) subshell vacancy decay parameter	Dr.Sanjeev Kumar	Instrum. and Meth. B Volume 429, Pages 1926	2018	10	0	Department of Physics, G.G.D.S.D. College, Chandigarh, India
Instrumental detection limit and sensitivity of K and	Dr.Sanjeev Kumar	X-ray spectrometry, Vol. 1.47, issue 5, Pages 352358	2018	10	0	Department of Physics, G.G.D.S.D. College, Chandigarh, India

L shell Xray emission lines of 17Cl, 37Rb and 38Sr elements using PCWDXRF spectrometer						India
Measurements of elastic scattering cross sections for 25.21, 28.5, 37.4, 36.8 and 42.2 keV Xray photons in elements with $22 < Z < 83$.	Dr.Sanjeev Kumar	Xray spectrometry, Vol.47, issue 67, Pages 459474	2018	10	0	Department of Physics, G.G.D.S.D. College, Chandigarh, India
A comparative study of transport properties of copper doped cadmium selenide thin films at two dopant concentrations	Dr. Kriti Sharma	Journal of Materials Science: Materials in Electronics 29 (2018) 9596-9604	2018	8	1	GGDSD College sector 32 Chandigarh
Characterization of Nickel Cobalt Oxide: a Potential Material for Supercapacitor	Dr. kriti Sharma	Mater. Res. Express vol. 6, page 025502	2018	8	2	GGDSD College sector 32 Chandigarh
Dynamics of Jacobi elliptic and soliton solutions for the modified q	Dr. Amit Goyal	J. Mod. Opt. Vol 66, page 571	2019	7	0	Department of Physics, G.G.D.S.D. College, Chandigarh, India

quadratic bic nonlinear Schrödinger equation						
Antifertility activity of ethanol leaf extract of Moringa oleifera Lam in female wistar rats	Dr. Parul	Indian Journal of Pharmaceut ical Sciences	2018	3	0	Delhi Institute of Pharmac eutical Sciences and Research, New Delhi
An Approach for Analyzing the Reliab ility and Profit of an Industrial System Based on the Cost Free Warranty Policy	Dr Ram Niwas	Journal of the Brazilian Society of Mechanical Sciences and Engine ering (SCI	2018	5	11	GGDSD College Sector 32, Chandigarh (U.T.) India. 160030
Academic P erformance prediction using Data Mining Techniques : Identifi cation of Influentia l factors Affecting the academic p erformance in undergrad profession al course	Dr. Preetkamal	Springer	2019	2	3	Chitkara University
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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/Semina rs/Workshops	25	91	9	67

Presented papers	10	42	0	1
Resource persons	1	0	1	3
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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
Workshop on Mental Health	Rotaract Club	2	20
Donation Drive for Orphanage	Rotaract Club	2	20
Swachhta Pakhwada,	Organized by North Zone Cultural Centre, Coordinated by The Rural Environmental Enterprise Development Society	1	300
Voter awareness drive	Election commission of India	1	287
Quiz competition	BHIM (NGO), Sparrow Club, PGI, Chandigarh	2	50
7day NSS Camp started on 27th December 2018	NSS	2	100
Visit to Jaipur and Pushkar was organized from 1520th October 2018. They visited Bangru village and observed the art of Dabu printing, indigodyeing and manufacturing of wooden blocks.	Fashion Designing Dept.	2	31
Visit to IMTECH	Zoology Dept.	2	27
Visit to NDRI (Karnal)	Zoology Dept.	2	48
TREE PLANTATION PROGRAMME	Environment society 'HARITIMA'	4	50
Visit to Botany Department, P.U and P.N Mehra Botanical garden NATURE WALK	Environment society 'HARITIMA'	3	50

SWACHHATA ABHIYAN Cleanliness drive	Environment society 'HARITIMA'	4	50
Visit to Ropar wetlands Science City Kapurthala	Environment society 'HARITIMA'	5	45
Environment Awareness Sensitization 'HARIT DIWALI'	Environment society 'HARITIMA'	5	60
Series of workshops on 'FOLDSCOPE'	Botany Department DBT Foldscope Project	2	80
Educational Trip Naina Devi and Anandpur Sahib for Flora collection study	Botany Department	6	40
Visit to Sukhna Wild Life Sanctuary Kansal Forest Area to celebrate Biodiversity Conservation Day	Botany Department	5	50
Blood Donation Camp	Spirit India	4	30
Seminar on Drug Abuse	Spirit India	4	30
Session on Empower Women through Women safety	My FM	2	25
Traffic Awareness Drive	Rotaract Club	2	20
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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
Asia World Model United Nations -II	Certificate of Appreciation as a delegate of WHO, " Be The Leader The World Needs" held at Bangkok, Thailand on 30th January - 2nd February, 2019 to Ms. Barleen Kaur Sangral of B.Sc 3rd	WHO	1
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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
Entrepreneurship Awareness Programme	CDAC, Mohali	Entrepreneurship Awareness Programme	4	80
Swachh Bharat Internship	Government of India	Swachh Bharat (Adopt a Village)	1	4
Swachh Bharat, Swastha Bharat	NSS	Talk/Poster Presentation	2	100
Swachh Bharat Summer internship	Ministry of Human resource development in association with Ministry of drinking water and sanitations	Nukad Natak in Daria village Door to door awareness campaign Swachhata mela, tree plantation, movie screening and drawing competition in Maharishi Dayanand school of Daria village	1	4
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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	3	Fellowship	3
Student Exchange	1	UFV Canada Scholarship	0.2
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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
Summer Training	Summer Training	NDRI Karnal	01/06/2018	31/07/2018	1
Summer Training	Summer Training	Central Research Institute (CRI), Kasuli	01/06/2018	31/07/2018	1

Summer Training	Summer Training	Panjab university Chandigarh	01/06/2018	31/07/2018	2
Industrial Training	Industrial Training	Therawin Formulation Ambala	01/06/2018	31/07/2018	2
Industrial Training	Industrial Training	Naxpar Pharma Pvt.Ltd. Baddi	01/06/2018	31/07/2018	2
Industrial Training	Industrial Training	Metrocraft, Baddi	01/06/2018	31/07/2018	2
Industrial Training	Industrial Training	Kwality Pharmaceuticals Ltd.	01/06/2018	31/07/2018	2
Industrial Training	Industrial Training	NIT Delhi	01/06/2018	31/07/2018	1
Industrial Training	Industrial Training	Akums Drugs Pharmaceuticals Limited	01/06/2018	31/07/2018	1
Industrial Training	Industrial Training	Indswift Derabassi	01/06/2018	31/07/2018	6
Industrial Training	Industrial Training	Zydus cadila Baddi	01/06/2018	31/07/2019	1
Industrial Training	Industrial Training	Panacea Biotech	01/06/2018	31/07/2018	3
Industrial Training	Industrial Training	Alkem Laboratories, Baddi	01/06/2018	31/07/2018	1
Industrial Training	Industrial Training	Eshmun Biotech Pvt. Ltd. Bathinda	01/06/2018	31/07/2018	2
Industrial Training	Industrial Training	Rajasthan liquors ltd., Haripur Hindua, Barwala road, Derabassi	01/06/2018	31/07/2018	1
Industrial Training	Industrial Training	Guru Hargobind Thermal power plant, Lehra Mohabbat	01/06/2018	31/07/2018	1
Industrial Training	Industrial Training	Morepen laboratories ltd.	01/06/2018	31/07/2018	1
Industrial Training	Industrial Training	Punjab chemicals	01/06/2018	31/07/2018	1

		and crop protection ltd., Mubarikpur, Derabassi			
Industrial Training	Industrial Training	Wockhardt ltd., Baddi	01/06/2018	31/07/2018	1
Industrial Training	Industrial Training	Modelez india foods Pvt. Ltd., Baddi	01/06/2018	31/07/2018	1
Industrial Training	Industrial Training	Vzoic healthcare Pvt. Ltd., Mohali	01/06/2018	31/07/2018	1
Industrial Training	Industrial Training	Hetero labs ltd.	01/06/2018	31/07/2018	1
Industrial Training	Industrial Training	Sonalac Paints coating ltd., Kathua	01/06/2018	31/07/2019	1
ON Job Training	ON Job Training	Luxmi Garments, Karnal Haryana	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Raj Karyana Store, Ludhiana	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	KTB Alloys, Mandi Gobindgarhh	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Jai Shree Steel Ind. , Mandi Gobindgarh	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Gupta Departmental Store, Ludhiana	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Tara Automobiles (Maruti Suzuki), Bathinda	01/06/2018	31/07/2019	1
ON Job Training	ON Job Training	Himalaya Carpets, Panipat	01/06/2018	31/07/2019	1
ON Job Training	ON Job Training	(Zara) Inditex Trent Retail India Pvt.Ltd	01/06/2018	31/07/2018	2

ON Job Training	ON Job Training	Venus Remedies Panchkula	01/06/2018	31/07/2018	2
ON Job Training	ON Job Training	Maruti Suzuki, Saharanpur, UP	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Walk Family Footwear, Mohali	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Seema Communication Sector 27, Chandigarh	01/06/2018	31/07/2018	2
ON Job Training	ON Job Training	Paras Enterprises, Sector35 Chandigarh	01/06/2018	31/07/2018	2
ON Job Training	ON Job Training	MBS Traders, Chandigarh	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Suzuki GS Khurana Pvt. Ltd., Saharanpur	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Currents Retail Pvt. Ltd. Chandigarh	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Bestseller Retail India, Private Limited	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Metro Sports, Sector 7, Chandigarh.	01/06/2018	31/07/2018	2
ON Job Training	ON Job Training	Arvincare Pvt. Ltd. Panchkula	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Vishal Mega Mart, Hisar, Haryana	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Karan Automotives, Panipat	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Saluja Ford, Solan	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Pns Haier Enterprises, Pathankot	01/06/2018	31/07/2018	1

ON Job Training	ON Job Training	J.V. Motors Manimajra Chandigarh	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Shri Dev Shawls, Kullu	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Kartar Textiles, Panipat	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Bliss Paints Kitchen Gellery, Parwanoo	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Central Super Mart, Panchkula	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Bestseller Retail India, Private Limited	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Anil Steel Sales, Mohali, Punjab	01/06/2018	31/07/2018	1
ON Job Training	ON Job Training	Jain Emporium, Chandigarh	01/12/2018	14/01/2019	1
ON Job Training	ON Job Training	Raj Karyana Store, Ludhiana	01/12/2018	14/01/2019	1
ON Job Training	ON Job Training	KTB Alloys, Mandi Gobindgarh	01/12/2018	14/01/2019	1
ON Job Training	ON Job Training	Jai Shree Steel Ind. , Mandi Gobindgarh	01/12/2018	14/01/2019	1
ON Job Training	ON Job Training	Iconic Fashion, Jaipur	01/12/2018	14/01/2019	1
ON Job Training	ON Job Training	Tara Automobiles (Maruti Suzuki), Bathinda	01/12/2018	14/01/2019	1
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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
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participated under MoUs

No Data Entered/Not Applicable !!!

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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
7000000	6894822

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
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Others	Newly Added

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 patially)	Version	Year of automation
TCSiON	Fully	15	2015

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	329	1146410	109	49595	438	1196005
Reference Books	37	20233	23	9264	60	29497
e-Books	3135000	5900	0	5900	3135000	11800
Journals	105	180893	0	183337	105	364230
Others (specify)	55	12490	45	7482	100	19972
CD & Video	25	0	30	0	55	0
e-Journals	6000	0	0	0	6000	0
Digital Database	2	480375	1	226560	3	706935

Others (specify)	22	65131	0	67182	22	132313
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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
No Data Entered/Not Applicable !!!			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	552	12	1	2	1	47	26	300	
Added	17							70	
Total	569	12	1	2	1	47	26	370	0

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

370 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
No Data Entered/Not Applicable !!!	

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
27500000	28622972	15000000	16334499

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)

<ul style="list-style-type: none"> • Caretaker of the college is appointed for the purpose of taking care of maintaining and utilizing physical, academic and support facilities within the campus • There are separate care takers for Girls' and Boys' hostel who look after the infrastructural requirements • Laboratory Assistants take care of the equipments and maintain the log books/records of usage of major equipments and facilities in their respective laboratories • At the end of each academic session, repair and maintenance of the physical assets is undertaken • The budgetary requirements of the Departments for next academic session are submitted to the Principal at the end of session • For the purchase of equipments/chemicals the following procedure is followed: <ul style="list-style-type: none"> o Formulation of a Purchase Committee by Principal for the academic session o Calling of quotations by the committee from dealers (min. 5) o Opening of sealed

quotations by Principal in presence of HOD and the member of purchase committee
 o Raising of online purchase requisition o Comparative statement of Quotations Prepared
 o Issuing of Purchase order to the dealer/vendor quoting minimum rates as per the specifications and terms
 o After the delivery of items/articles, compliance report submitted by Compliance committee
 o Stock Register Entry o Submission of bills to A/C dept. for clearance and payment • AMCs –AMC of highend equipments is done annually for their maintenance from authorized dealers or corresponding service providers • Maintenance of UPS, Servers and generators is through AMC or proper technicians • Proper maintenance of basic amenities in campus, by competent plumbers, electricians hired round the clock maintenance of ATM facilities and extension counters by respective service providers.

<http://ggdsd.ac.in/wp-content/uploads/2019/09/4.2.2.pdf>

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	Scholarships and Financial Support	296	5461975
Financial Support from Other Sources			
a) National	PMSSS(AICTE) PMSS (Minority) CSSS	52	654700
b)International	ICCR	52	1633365

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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 implemetation	Number of students enrolled	Agencies involved
Career opportunity for science students in Government and Banking sector held on	23/03/2019	50	Department of Bioinformatics
Yoga Camp held on International Day of Yoga	21/06/2018	50	NSS
RSDP2K18: Research Skill Development Programme 2018	22/09/2018	40	Department of Biotechnology and AMICHD Unit
Personality Development Training Programme for science students	01/02/2019	200	Department of Science and Technology, Chandigarh Administration

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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	Career Counselling Placement	238	321	19	178
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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
0	0	0

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
FINVASIA eClerx Quick Relation Amazon India L T Const. Ltd ICICI Bank Extramarks Ernst Young	1451	178			
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	2	BSC	biochemistry	CDLU SIRSA	MSC
2018	5	BSC	BIOCHEMISTRY	PANJAB UNIVERSITY	MSC
2018	1	BSC	BIOCHEMISTRY	PGIMER	MSC
2018	1	BSC	BIOCHEMISTRY	TIFR	MSC
2018	1	BSC	BIOCHEMISTRY	IISC	MSC
2018	1	BSC	BIOCHEMISTRY	NCBS BANGALORE	MSC
2018	2	BSC	BIOTECHNOLOGY	GNDU	MSC BIOTECHNOLOGY
2018	1	bsc	BIOTECHNOLOGY	CONCORDIA UNIVERSITY	DIPLOMA

				CANADA	
2018	15	BSC	BIOTECHNOLOGY	PANJAB UNIVERSITY	MSC
2018	15	BSC	BIOTECHNOLOGY	HYDERABAD UNIVERSITY	MSC MICROBIAL BIOTECHNOLOGY
2018	1	BSC	BOTANY	KURUKSHETRA UNIVERSITY	MSC
2018	20	BSC	BOTANY	PANJAB UNIVERSITY	MSC
2018	1	BSC	BOTANY	HMR JAIPUR	MSC
2018	5	BSC	BOTANY	THAPAR UNIVERSITY	MSC
2018	1	BSC	BOTANY	JNU	MSC
2018	1	BSC	BOTANY	HIMACHAL PRADESH UNIVERSITY	MSC
2018	29	BSC	CHEMISTRY	PANJAB UNIVERSITY	MSC
2018	1	BSC	CHEMISTRY	IIT PATNA	MSC
2018	4	BSC	CHEMISTRY	THAPAR UNIVERSITY	MSC
2018	1	BSC	CHEMISTRY	DELHI UNIVERSITY	MSC
2018	1	BSC	CHEMISTRY	HIMACHAL UNIVERSITY	MSC
2018	1	MSC	PHYSICS	PANJAB UNIVERSITY	PHD
2018	20	BSC	PHYSICS	PANJAB UNIVERSITY	MSC
2018	8	BSC	ZOOLOGY	PANJAB UNIVERSITY	MSC
2018	25	BCOM	COMMERCE	INSTITUTE OF CHARTERED ACCOUNTANTS	CA
2018	2	BCOM	COMMERCE	IIM ROHTAK	MBA
2018	1	BCOM	COMMERCE	TATA INSTITUTE OF SOCIAL SCIENCES	MSW
2018	1	BCOM	COMMERCE	BIMTECH	MBA
2018	1	BCOM	COMMERCE	NIFT BENGALURU	NIFT
2018	1	BCOM	COMMERCE	CHRIST UNIVERSITY	MBA
2018	1	BBA	COMMERCE	SYMBIOSIS PUNE	MBA

2018	2	BBA	COMMERCE	IBS	MBA
2018	1	BBA	COMMERCE	LBSIM	MBA
2018	6	BBA	COMMERCE	PANJAB UNIVERSITY	MBA
2018	1	BBA	COMMERCE	THAPAR UNIVERSITY	MBA
2018	21	BCOM	COMMERCE	PANJAB UNIVERSITY	MCOM
2018	3	BCOM	COMMERCE	PANJAB UNIVERSITY	LLB
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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
NET	11
GATE	4
CAT	1
Any Other	3
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
60th Punjab University 'Zonal Youth And Heritage Festival' (ZoneA), held at the College, from 25th Sept to 28th Sept 2018.	ZONAL	750
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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	National	1	0	1871509	Rohit Dhiman
2018	Gold	National	1	0	16049023	Indereshwar S. Sekhon
2018	Gold	National	1	0	1851940	Sandeep Malik
2018	Gold	National	1	0	1852095	Banty
2018	Gold	National	1	0	1851942	Rahul
2018	Gold	National	1	0	1852034	Aniket
2018	Gold	National	1	0	1851932	Jaismine

2018	Gold	National	1	0	1813933	Chandandee p Singh
2018	Gold	National	1	0	1851949	Dipanshu Kumar
2018	Gold	National	1	0	1851955	Aditya Singh
2018	Gold	National	1	0	1853190	Shagun
2018	Gold	National	1	0	1854001	Rohit Kumar
2018	Gold	National	1	0	1852999	Lalit
2018	Gold	National	1	0	1851734	Sagar
2018	Gold	National	1	0	1851877	Dheeraj Kumar
2018	Gold	National	1	0	1854000	Madhav Gargya
2018	Gold	National	1	0	1851876	Asmita
2018	Gold	National	1	0	1851841	Priyanshu Mishra
2018	Gold	National	1	0	1855501	Gunjan
2018	Gold	National	1	0	1812068	Anirudh Arora
2018	Gold	National	1	0	1812064	Akashdeep
2018	Silver	National	1	0	1853966	Suman
2018	Silver	National	1	0	1851836	Amit Kumar
2018	Silver	National	1	0	1851835	Deepak Singh Bisht
2018	silver	National	1	0	1852067	Harsh Rajawat
2018	Silver	National	1	0	1852018	Mandeep Singh
2018	Silver	National	1	0	1851947	Mohan Chand
2018	Silver	National	1	0	1851790	Padam
2018	Silver	National	1	0	1851957	Sunny
2018	Silver	National	1	0	1871413	Priyanka
2018	Silver	National	1	0	1811135	Shaurya Madaan
2018	Bronze	National	1	0	1853851	Anjali Verma
2018	Bronze	National	1	0	1853070	Vinita
2018	Bronze	National	1	0	1853179	Riya Kaushik
2018	Bronze	National	1	0	1871412	Manish
2018	Bronze	National	1	0	1853280	Mewa Singh

2018	Bronze	National	1	0	1853033	Sunny Sehwat
2018	Bronze	National	1	0	1812302	Ankita Goel
2018	Bronze	National	1	0	1863066	Rhea Sodhi
2018	Bronze	National	1	0	1851774	Prince

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

• Students' Council is constituted every year through general body elections as per the Panjab University norms • The council members have their representative in IQAC, CCASH and all other academic administrative committees. The council works with zeal throughout the year and organizes several activities within and outside the college campus for the benefit of the students and help sustain academic culture in the college. • Some of the major activities pursued by the Students' Union in 2018-19 are: • Cultural Activities: Organising Virasat - the cultural bonanza wherein the students from all the faculties participate with full enthusiasm to keep the folk culture alive within the youth • Observation of Teachers' Day on 5th September, 2018 as a mark of respect to the teaching community • Celebration of Guru Nanak Dev ji's Birthday in the campus • Being a part of the organising team of the Blood Donation Camp that is held each year in the college premises on the eve of PRARTHANA SABHA on 30th August • Participating and motivating students on green activities and other outreach activities carried out by various clubs and societies • Providing voluntary services to fresh students in the campus at the time of admissions

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

YES , the Institute has an Alumini Association that is a strong pillar in the growth and development of the college. • Dean Alumini coordinates the various activities and the annual Alumini meet. SDAAC, the Alumni Association of this college has been a source of continuous support and inspiration to the youngsters. • The annual reunion Alumini meet is held on 26th January that enables a healthy interaction between the old and the young, the past and the present generation with the sharing of valuable experiences • There is a practice of organizing guest lectures pertaining to issues of local/national importance • Department of Biotechnology organizes a workshop with the help of its distinguished alumnus Dr. Ashwani from Florida University U.S to impart 'hands on training' to its students • Several alumini regularly make contribution in the form of feeconcession/scholarships to the needy and economically weaker students

5.4.2 – No. of enrolled Alumni:

2800

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

65000

5.4.4 – Meetings/activities organized by Alumni Association :

02

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)

Formation of different sub committees under the supervision of IQAC and in coordination with the college authorities comprising representatives of all the stakeholders of the college for coordinating important academic activities of the college is a decentralization and participative management practice followed by the institute. • Frequent interactions with the Students' Council, Parents' Teacher Association and Nonteaching Union in Planning and Development programmes • Teachers's Union works for the cause of teachers and maintains a cordial working environment by handling teachers' grievances', and projecting them. The Governing Body of the college has two Staff Representatives who participate in the decision making process.

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

Yes

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
Curriculum Development	<p>•The curriculum set by Panjab University is followed by all its affiliated colleges. Faculty with its representative members in UG and PG BOS (Board of Studies) contribute to curriculum revision as and when required. In session 201819. Twenty One faculty members represented the college in various BOS meetings • Inclusion of case study, field work, industrial visits and educational excursion at both Undergraduate and Post graduate levels is followed for better understanding of the course curriculum</p> <p>• Extension lectures by eminent academicians for curriculum execution is followed at various levels for effective curriculum transaction Traditional written examination is complemented with shortterm Projects/Seminars, presentations which form a part of internal assessment that is mandatory as per the guidelines of curriculum</p>
Teaching and Learning	<p>•Motivational talks of TEDx and SDmun activities offer great learning enrichment. • Knowledge updation of teacher and taught is a priority of our institute. • ICTbased learning methods are followed by majority of the teachers. • Learning through field work, industrial visit, onthejob trainings and summer internships is a routine practise particularly in practical subjects. • Enhancing learning skills of the students through</p>

participation in skill/personality development workshops and seminars is the focus of the institute.

Examination and Evaluation

- The Institution strictly follows the evaluation processes set by Panjab University, Chandigarh. The examination schedule and evaluation process are clearly mentioned in the college calendar. This ensures effective implementation of the evaluation process
- University has launched an Online examination portal for teachers and several faculty members have registered Examiner IDs
- COE (Contoller of Examinations) handles the MSTs and endsemester examinations that are mandatory as per the Panjab University norms
- The traditional written examination system is complemented with inhouse project work, assignments, group discussions, power point presentations and seminal lectures
- Onjob trainings and Project works are other evaluative measures followed by majority of the courses
- For B.Voc courses a compulsory skillbased assessment forms a part of its qualifying examination

Research and Development

- To promote research environment in the college, the students are motivated to carry out various in house research projects. They are encouraged to participate in various seminars and workshops.
- College is running research centres in Biotechnology, Chemistry, Physics and Commerce and several research scholars are pursuing research and several faculty members act as Ph.D supervisors
- Faculty is encouraged to pursue Doctoral research and cash incentives are given at the award of the degree
- The institution motivates its faculty members for research publications in peer reviewed journals with high impact factor
- Faculty is encouraged to present papers in International/National/State Level Seminars, workshops and act as resource persons
- Faculty is encouraged to explore various funding agencies for sponsored projects. Presently there are 3 ongoing research projects 2 in Physics and 1 in Biotechnology
- Seminars workshops at Institutional / State / National levels are organised by different departments to strengthen the research environment.

Library, ICT and Physical
Infrastructure / Instrumentation

• The stateoftheart College library has an enriched collection of books. At present the physical collection of the library includes 69,442 books, 3,487 CD/DVDs, 110 journals magazines and 22 newspapers • Digital collection of the library includes 31,35,000 ebooks and 6,000 ejournals (through INFLIBNET NList programme) • In addition to physical collection and subscribed information resources, the College Library provides access to its users to a wide variety of electronic resources through institutional membership of National Digital Library of India (NDLI) and INFLIBNET NList Programme. • Centralised Research Facility cum Digital library has 15 i5 computers for students and 10 i7 computers for staff for accessing eresources, econtents, CMIE Prowess IQ Database, Statistical Softwares like Minitab and SPSS. 2 Pentium dual core computers with JAWS Screen Reading Software reserved for differentlyabled students. This section is equipped with 27 PC's connected to a dedicated 255 Mbps (1:1) leased line internet connection with firewall device to ensure speedy and secure internet surfing. The online resources subscribed to by the Library are accessible to staff and students (using passwords) from anywhere at anytime • Reader's Club of library holds time to time activities to acquaint users to promote reading habits. The functions of library are automated with integrated ERP software named TCSion. OPAC (Online Public Access Catalogue) module is provided in the software for searching documents which are available in the library. • Pt. Mohan Lal Digitization Centre of the library embraces new technologies to digitize special collections to support and enrich the educational, cultural and economic endeavours of the college and communities beyond. In this section, a special collection of hand written diaries, documents, books, photographs related to our college founder Pt. Mohan Lal Ji has been kept in digitized form. • Information Services like OPAC (Online Public Access Catalogue), Reprographic Service, ILL(Inter Library Loan), Internet Surfing, Current Content Alert, SMS Alert Services, Previous Year Question Papers Alert,

	<p>Employment News and New Arrival Books are provided to the users of the library. The library staff conducts user orientation programmes to familiarize the users with library collection and resources</p>
<p>Human Resource Management</p>	<p>Hiring right people is a top priority for the institute. Recruitment, selection and empowering them is a part of the HRM which is followed by the institute for an efficient and productive workforce • Recruitment of staff well in time before the beginning the session. • Permission is taken from government /DHE before retirement and recruit the new staff against Grantinaid position • All the recruitments are as per the UGC/DHE norms • Principal consults with HODs regarding the requirement of faculty for the academic session well in advance • Recruitment process completed before the start of the session • Encouraging and facilitating the existing faculty members to participate in Refresher, Orientation and STP (Shortterm Training Programme) courses. • Organizing IRINS (Indian Research Information Network System) LecturecumWorkshop for the faculty for updation under RUSA. • Computer and MIS module training sessions for Nonteaching staff.</p>
<p>Industry Interaction / Collaboration</p>	<p>• Industrial tieups for training and internships with such as ITC Retail, TCS, HPMC, Punjab Dairy Development Board, Central Poultry development Organization, Big Bazar, etc. • Campus Placement Drive with the industrial partners and conducting of orientation session before the drive by the Placement Cell • Healthy practice of interface of experts from Industry with students and faculty • TEDx 18 was held on 18th August, 2018 wherein motivational speakers and young Entrepreneurs interacted with the students and discussed exemplary case studies • A motivational lecture in association with the Regional Employment Exchange and Director Higher Education, Chandigarh Administration, organized on "Career Opportunities: Officers in Indian Air Force" on 15 September 2018 • An Interactive session with Mr. Satwinder Singh - an entrepreneur and a Floriculturist was</p>

organized by Economics Department • Seminar on Social Thinking in association with IIM Calcutta and TATA Group was organized on 2nd June

Admission of Students

• Centralised Admission Process was followed for the classes M.Com, B.Com, B.B.A, B.C.A, B.Sc.(Non Medical), B.Sc. (Medical), B.Sc.(Hons) in Bioinformatics, B.Sc.(Hons) in Biotechnology for the session 201819 • The Centralised admission was conducted through a Joint Prospectus released by Chandigarh Administration, Department of Higher Education for all the Colleges falling in Chandigarh under one umbrella • For BA, PG Diploma Courses and BVoc courses admission process was followed at College level • For B.Vocational courses an aptitude test was conducted and Merit list displayed The generalized admission process is as follows: • Release of Brochure (Beginning of admission process) • Online Registration • Login to apply for courses • Filling the Online Application Form • Uploading of Certificates/Testimonials, Scanned Photograph and Signature • Display of Deficiency list • Final Display of Merit Lists • Schedulewise Counselling • Epayment of fees/dues • Batch Allocation and generating Roll No.s marks the final admission process

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

E-governance area	Details
<p>Planning and Development</p>	<p>The administrative block and library are Fully Computerised. ERP developed by TCS covers the following Modules: Account Students Hostel Library Payroll Digital Attendance All decisions related to financial matters of the college are directly handled by the Principal under GGSDS College Governing Body. The Principal of the college is primarily responsible for looking after routine expenditures and, ensuring effective utilization of financial resources and grants which are all managed through the TCSion network • Planning and development is the prerogative of the Governing Body. The proposals pertaining to Planning and development from various stakeholders are received by the Principal at his office and tabled in the Governing Body meeting in front of all the members for</p>

an open discussion. • The decisions are then translated into action as per the required needs

Administration

Governing Body of GGSD College, Chandigarh is headed by Shri Upkar Krishan Sharma, the President and a team of eminent personalities as its distinguished members. • This is followed by the Principal Academic administration is managed through: ? Principal ? Registrar and Subregistrars ? Deans of various faculties, Controller of Examinations, Dean Cocurricular activities, Dean Student welfare, Dean Alumini Relations ? Head of Departments ? Technical Staff ? Coordinators of Societies/Clubs • Hostel Wardens • Medical Officers General Administration is managed through the administrative support staff under the supervision of the Superintendent. TCSiON provides wholesome Campus Management Solution. It comprises a suite of offerings that supports academic and administrative processes. The integrated, software provides the flexibility to automate functions as per the requirement. Its HRMS and P I modules help to reduce load on administrative staff and manage the administrative work with efficiency and less errors.

Finance and Accounts

• Superintendent holds responsibility of managing finances and flow of funds for resource mobilization • Mobilization of funds includes all the financial transactions, purchases and expenditures which are managed through eGovernance for which there are two modules called FNA (Finance and Accounting) and PI (Procurement and Inventory) which help in managing administrative work and also help to maintain a secure, accurate repository with transparency in the system • Accounting of the institute is computerised • All financial transactions are managed through bills vouchers ensuring transparency • Bursar ensures proper utilization of funds and verification of bills/vouchers ensuring internal audit • Accounts of the college are subjected to external auditing by a certified Chartered Accountant -Statutory Audit.

Student Admission and Support

Student admission process is wholly an online process • Right from the release

of eBrochure, followed by online form submission to the fee payment

- e-governance prevails
- Generation of theory and practical batches, access to daily attendance and SMS/Email services to the students is centrally automated
- Attendance and leave request procedure for students is through the MIS.
- JAWS Screen reading software to provide support to differentlyabled users has become a reality. As a result, the college digital library has become a conducive place to study at for all such students as cannot make a proper use of an ordinary library.
- Dean, Foreign Students has the responsibility to guide and help the international students.
- The College has industrial tieups to benefit students with first hand, practical exposure of the industry. Our Placement Cell is very active and invites blue chip companies for placements. It facilitates the students in seeking part time jobs so that they earn while they learn. They hold an impressive track record for oncampus placements.
- Inhouse publications of the college give a platform to students to exchange ideas about pertinent issues while learning how to compile, design and monitor printing of the publications. The students get an opportunity to work as journalists, designers, subeditors and photographers.
- The Counselling Cell of the college guides students through their psychosocial conflicts and helps them adjust well in society.
- The college has an elected Student Council with representation of both girls and boys. The president of the student council is a member of the IQAC, ADC, CCASH, Alumni Association and Student Grievances Redressal Cell.

Examination

- The administrative work and conduct of examinations (MSTs and Conditional test) is an online mode starting from notification of dates for conduct of exams, papersetting, notification regarding duties, award list submission to the uploading of marks on the college portal
- For endsemester exams to be conducted by Panjab University, generating Roll No.s and Admit cards is all managed online
- Submission of Internal Assessments and final practical awards to the University is managed through a confidential gateway

• Online payment of University examination fees and computerized admit cards with photograph of the student for identification ensure reliability and authenticity of examination process

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
2019	Dr.Jasamrit Nayyar	Registration Fee for Academic Delegate: Professor Ram Chand Paul National Symposium on Chemistry for Future 0102 March, 2019	Dept. of Chemistry, Panjab University, Chandigarh	2000
2019	Dr.Shweta Wadhawan	Registration Fee for Academic Delegate: Professor Ram Chand Paul National Symposium on Chemistry for Future 0102 March, 2019	Dept. of Chemistry, Panjab University, Chandigarh	2000
2019	Dr.Jyoti Kataria	Registration Fee for Academic Delegate: Professor Ram Chand Paul National Symposium on Chemistry for Future 0102 March, 2019	Dept. of Chemistry, Panjab University, Chandigarh	2000
2019	Dr.Navneet Batra	Registration Fee of National Symposium Registraton Fee of National Conference	Panjab University, Chandigarh	1500
2019	Dr.Kriti Sharma	13th Chandigarh Science Congress	Panjab University, Chandigarh	1500

		CHASCON2019: March 1315, 2019		
2018	Dr.Kriti Sharma	Registration Fees of International Symposium on Functional Materials: Energy and Biomedical Applications	IFSM2018	5000
2018	Dr.Kriti Sharma	Registration/Me mbership fee	IAPT Chandigarh Vigyan Parishad	2500
2018	Dr.Amit Goyal	Accomodation Travel exp for Participation in Group Monitoring Workshop on 21.07.2018	Jamia Hamdard, New Delhi	6278
2018	Nisha	Participation Expenses in Conference	NCCNLPP,2019	1370
2019	Nisha	Participation Expenses in CHASCON 2019	Dept. of Physics, Panjab University, Chandigarh	972
2019	Dr.Samriti Dhawan	Travel Registeration Charges for Two Day National Symposium on Recent Advances in plant and agricultural sciences	Sri Guru Granth Sahib World University, Fatehgarh Sahib140406	4200
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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	Lecturecum workshop on IRINS under the aegis of RUSA (DHE)	Lecturecum workshop on IRINS under the aegis of RUSA (DHE)	01/12/2018	01/12/2018	180	30

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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 development programme	Number of teachers who attended	From Date	To date	Duration
Attended a Refresher Course on Research Methodology in Social Sciences at Academic Staff College, Panjab University, Chandigarh	1	22/05/2018	11/06/2018	21
Attended 69th refresher course on "Information Communication Technology (ICT) (Inter Disciplinary)" at UGC HRD Center, Punjabi University Patiala	1	18/06/2018	07/07/2018	21
Attended a short term course on "Research Methodology" at Academic Staff College, Panjab University, Chandigarh	2	25/09/2018	01/10/2018	8
Participated in 121st Orientation Programme organised by the UGC human Resource Development Centre Panjab University Chandigarh	1	11/12/2018	07/01/2019	28
Refresher Course in Gender Studies at University of Rajasthan, Ja	3	31/12/2018	19/01/2019	21

ipur				
Refresher Course on Disaster management	3	28/12/2018	17/01/2019	21
Refresher Course in Commerce, Economics, and Business Management held at HRDC, Panjab University, Chandigarh	2	07/12/2018	27/12/2018	21
Refresher Course on "Research Methodology held at at Punjabi University, Patiala.	2	01/12/2018	21/12/2018	21
ShortTerm Course on Gender Sensitization organized by the UGCHRDC, Panjab University, Chandigarh	1	18/12/2018	24/12/2018	7
Refresher Course on "Information Communication Technology held at UGC HRD Center, Punjabi University Patiala	1	18/06/2018	07/07/2018	21
ShortTerm Course on "Characterization of Advanced Functional Materials" (CAF2018) under TEQIP III held at at Applied Sciences Department, Punjab Engineering College, Chandigarh	1	18/06/2018	24/06/2018	7

ShortTerm Course on Innovative Approaches in Teaching and Research under TEQIP III held at S. S. Bhatnagar University Institute of Chemical Engineering Technology, Panjab University, Chandigarh	1	11/03/2019	15/03/2019	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
106	83	30	39

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
5	4	3

6.4 – Financial Management and Resource Mobilization

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

<ul style="list-style-type: none"> Flow of funds is monitored at all levels to ensure appropriate utilization of funds and necessary financial audits are conducted. All the accounts are maintained as per the stipulated guidelines of the funding authorities Internal audit checks are facilitated by the Bursar before passing the bills Finance Secretary of college Statutory Audit by Chartered Accountant (CA) in accordance with the relevant standards, necessary supporting documents, records, books and statements of A/cs External Audit conducted by Employees Provident Fund Organisation, Comptroller and Auditor General (CAG), Income Tax India, Department of Higher Education
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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/ Grants received in Rs.	Purpose
Sahitya Academy, Chandigarh Panjab University the affiliated Colleges of Zone A Sponsors for InterCollege P.U Heritage Youth Festival Various Sponsoring Agencies Endowment Fund	1959166	day national Seminar in Hindi InterCollege P.U Heritage Youth Festival InterCollege P.U Heritage Youth Festival Youth Fest, TEDex2018, SDMUN, Panache, Virasat, Biorhythm, Vivacity, Phoenix For payment of scholarship to needy students Contributed by

Ms. Meera Sharma: Rs. 31,000/ Contributed by Dr. Madhu Sharma:Rs. 12,400/

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6.4.3 – Total corpus fund generated

290887262.48

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	Yes	UGC, Panjab University, DHE	Yes	Deans Registrars
Administrative	Yes	Panjab University,	Yes	Secretary, Finance Secretary of Governing Body

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

- Personal Interaction with parents from time to time for suggestions and corrective measures to address grievances.
- Feedback from the parents through feedback forms.
- Active Participation in Outreach Activities.

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

- Financial assistance through free ships, study loans to the wards of staff.
- Financial assistance for marriage to the wards of staff.
- Daily compensatory allowance to class 3 and class 4 employees.
- Medical Benefit scheme.

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

Creation of Research Center in Subject of Commerce and Management Strengthening of Student Support Facility. Augmentation of Infrastructure

6.5.5 – Internal Quality Assurance System Details

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

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
2018	lecturecumworkshop on IRINS under the aegis of RUSA (DHE)	01/12/2018	01/12/2018	01/12/2018	200

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
Women Empowerment through Women Safety"	25/10/2018	25/10/2018	300	275
Talk on "Awareness and Precautions for Cancer in Women" by Dr. Furuza, retired Professor, Department of Radiotherapy (PGI) on 15 February 2019 in collaboration with Lioness Club, Panchkula Central	15/02/2019	15/02/2019	200	50

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
The Institute has taken various measures related to Environmental consciousness and sustainability. Some of the major initiatives include: • Rain water Harvesting plants to manage surface run away water • Sanitary napkin vending machines installed in girls' common room and girls' hostel • Installation of Power Saving LED lights in the Campus and in both the hostels to ensure minimal use of electricity is an energy conservation initiative followed by the institute • Separate bins for segregation of dry waste and wet waste

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	6
Ramp/Rails	Yes	6
Braille Software/facilities	Yes	1
Scribes for examination	Yes	7

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	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
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		community					
2018	0	4	30/09/2018	1	Traffic Awareness Drive	Sensitization programme for youth about Traffic rules regulations and their violation consequences	20
2019	0	6	24/01/2019	1	Voter awareness drive Coordinated by Election Commission of India	Sensitizing youth on exercising their voting rights	287
2019	0	8	31/05/2019	1	World No Tobacco Day celebration	Awareness drive about hazardous and life threatening consequences of tobacco consumption	60
2018	1	0	13/09/2018	1	Visit to Botany Department, P.U and P.N Mehra Botanical garden	Interaction and demonstration of various research facilities of Botany Dept. at P.U and Biodiversity study	50
2018	2	0	19/09/2018	1	Lecture cum Demonstrative workshop on Fermentation Technology	Handson-training on Fermentation	40
2018	3	0	29/10/2018	3	Entrepreneurship Awareness	Entrepreneurship Awareness	75

					Programme coordinat ed by CDAC, Mohali	Programme coordinat ed	
2018	4	0	31/10/2018	2	Donation Drive for Orphanage	Outreach activity for the less priv ileged	20
2018	5	0	14/11/2018	1	Childrens day celeb rations in Kajheri Village	Outreach activity for the village children	20
2018	6	0	16/11/2018	1	Visit to National crafts mela, Cha ndigarh	To interact with artisans craftsmen from different states	20
2019	7	0	24/01/2019	1	Visit to IMTECH, C handigarh	To have an exposure towards MTCC, fer mentation lab, cold freezing, sample pr ocessing lab and protein centre	27
2019	8	0	07/02/2019	1	Education al trip to National Dairy Research Institute (NDRI), Karnal	To gain awareness of extension facilitie s at Dairy Extension Division NDRI and knowledge about Agr icultural Technolog y Informa tion Centre	47
2019	9	0	25/02/2019	1	Visit to Sukhna	To mark B iodiversi	50

					Wild Life Sanctuary Kansal Forest Area	ty Conser vation Day	
2018	0	1	21/04/2018	9	Swachhta Pakhwada ,Ministry of Culture, Coordinat ed by The Rural Env ironmenta l Enterpr ise Devel opment Society	Utilizati on of Textile waste	300
2018	0	2	08/08/2018	1	Interacti ve session and visit for teachers of Kendriya Vidyalaya Sangathan	Interacti ve session for teachers of Kendriya Vidyalaya	40
2018	0	3	30/08/2018	1	Blood Donation Camp	Infusing sense of responsibility for Volunteer donation of Blood	367
2019	10	0	06/04/2019	1	Visit to Departmen t of Physics, Panjab Un iversity, Chandigar h	To study about cyclotron followed by EDXRF lab, thin film depo sition and solid state labs.	40

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Prospectus	04/06/2019	It is the formal document that provides details about the college, its policies and defines the code of conduct for the academic session to be followed by its

		stakeholders. The rules and other guidelines as stated in this document are strictly adhered to
Calendar (Panjab University)	30/03/2018	The college follows the academic calendar released by the Panjab University and strictly adheres to teaching, learning and evaluation schedules. The institute is affiliated to Panjab University (Chandigarh) and abides by rules and regulations framed by the ViceChancellor in anticipation of approval with the Syndicate. All the policies defined by the University for all its affiliated colleges are followed as such

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Seminar on Social Thinking	02/06/2018	02/06/2018	200
TEDx	18/08/2018	18/08/2018	100
Tree Plantation Programme	23/08/2018	23/08/2018	40
Blood Donation Camp	30/08/2018	30/08/2018	800
National Unity Day	31/10/2018	31/10/2018	167
Seminar on Drug Abuse	15/11/2018	15/11/2018	169
SDMUN	18/01/2019	18/01/2019	250
Legal Services Camp in collaboration with State Legal Services Authority (SLSA)	09/02/2019	09/02/2019	300
Celebration of voters day	24/01/2019	24/01/2019	247

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The institute has a Green Campus where environmental friendly practices and education combine to promote sustainable and ecofriendly culture in the campus. Major Green Campus Initiatives include: • Rain water Harvesting plants manage surface run away water • Sanitary napkin vending machines installed in girls' common room and girls' hostel • Installation of Power Saving LED lights in the Campus and in both the hostels • Separate bins for segregation of dry waste and wet waste • Maintenance of Herbal garden in the campus and use of organic manure instead of chemical fertilizers in the college gardens • The college Environment Society 'Haritima', registered with the Chandigarh administration

conducts Environment awareness activities to sensitize youth regularly. It bagged third position out of all the Ecoclubs in the competition by Department of Environment Forests, Chandigarh Administration • Tree Plantation drive and Swacchta Week is a regular feature of the institute • Digital Library is an exemplary Elearning centre for the students

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link • Digitization of Academic and Administrative activities The practice of digitization has led to paperless office culture leading to reduction in documentation time, increased accuracy, security and efficiency. Total Automation through ERP Solution has enable all the stakeholders to use the Eportal on daytoday basis. Faculty profile, workload details, academic achievements, timetable, student attendance, examination awards, leave records and Finance A/cs are all handled digitally • Service to Community Institute being situated at a prime location in the city Chandigarh that serves as a preferred educational hub to the students of Chandigarh itself and the neighbouring states of Haryana, Punjab and Himachal Pradesh gives it a locational advantage enabling it to address the local issues and serving the community. Outreach activities for the community are organized by the NSS volunteers, clubs/societies infusing a sense of commitment for the society in the youngsters. Kaushalya Devi Charitable Institute running in the college campus is an exemplary institute empowering women from socially backward and economically weaker sections of society in beauty culture, stitching embroidery and computer literacy • Earn while you learn The institute is open to students who have keen interest to work on campus along with their studies. Part time job is offered on Campus to enable them to earn while learning. • Salary contributions for noble cause A commendable tradition of voluntary contribution of oneday salary by each member of the staff (teaching and nonteaching) on the retirement of a colleague and contribution of fiveday salary by each employee on the death in service of a colleague. Also at times of natural calamities or uncalled emergencies, staff stands united to render financial assistance in the form of generous donations for the relief of disaster victims

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

<http://gqdsd.ac.in/gallery/?album=1185>

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

With a vision to emerge as a centre of excellence in the country imparting quality education, providing research facilities and consultancy services that meet the requirements of todays global market and societal needs, Institute with its distinguished legacy of over four and half decades has emerged as a renowned and reputed institute offering valuebased education. At S.D., we believe in providing the students with congenial environment that is conducive to learning both within and beyond the classroom • The college ranked 99th in all India Ranking 2019 by the National Institutional Ranking Framework (NIRF) MHRD, Govt. of India. • In a survey conducted by India Today our college was ranked 10th in India. We ranked 10th in BCA, 19th in Commerce, 21st in Science, 22nd in BBA and 33rd in Arts at All India level. • Sanctioned Deen Dayal Upadhyay Knowledge Acquisition and Upgradation of Skilled Human Abilities and

Livelihood (KAUSHAL)Kendra status by the UGC to run B.Vocational (Skillbased) courses • P.U approved Research Centres in the subjects of Biotechnology, Chemistry, Physics and Commerce • Departments of Commerce Management, Bio Sciences and Economics have been declared as High Rated Departments by the UGC

- Selected under Star College Scheme by DBT Government of India - Biotechnology, Physics and Chemistry Departments
- Institution Member of Asia Pacific Quality Network (APQN)

Provide the weblink of the institution

<http://ggdsd.ac.in/about-us/rare-distinctions/>

8.Future Plans of Actions for Next Academic Year

- To start Research Centre in Economics
- To create a separate cell for more collaboration with national and international institutions.
- Gender Sensitization Programme related to health and safety issues in women
- Infrastructure
- Modernization of classroom and labs.
- Installation of Solar System for Energy saving. Staff
- To Consider Pension Scheme facility for staff.
- Orientation session for Science Laboratory Assistants on GLP (Good Laboratory Practices)