



SELF STUDY REPORT

FOR

3rd CYCLE OF ACCREDITATION

AMRITSAR GROUP OF COLLEGES

AMRITSAR GROUP OF COLLEGES, 12 KM STONE, AMRITSAR - JALANDHAR
G.T. ROAD, AMRITSAR 143001, PUNJAB
143001

www.agcamritsar.in

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Amritsar Group of Colleges, a self-financed & private Institution is an Autonomous institution supported by Amritsar International Foundation Trust was established in the year 2002 in the state of Punjab. The institution is affiliated to I.K. Gujral Punjab Technical University, Kapurthala and The Punjab State Board of Technical Education and Industrial Training, Chandigarh and is granted prestigious Autonomous status from the Academic year 2014-15 by UGC. In 2021, UGC extended the Autonomous status of the Institute for a period of five years from the session 2021-22 to 2025-2026. Accredited by the NAAC with Grade B with a CGPA of 2.91 in 2012 for the cycle 1, re-accredited with Grade A with a CGPA of 3.05 on 4 point scale in 2016 for cycle 2, the institution is now applying for the re-accreditation for the 3rd cycle of NAAC. In February 2009, National Board of Accreditation (NBA) has accredited four UG programmes (B.Tech.– CE, CSE, ECE and ME) for 3 years. In July 2016, these four programmes were re-accredited by NBA.

The institution with a vision of serving the society through value-based education has been making a mark in the educational map of this region. The institute offers academic programs with innovative curriculum, advanced research in cutting-edge technologies and societal engagement through outreach activities. The institute has 11 departments and offers 17 UG, 4 PG and 1 diploma level academic programs. Currently, 2403 students are on roll in the Institution.

Vision

To produce engineers and professionals with highest caliber by imparting technical education through innovative and analytical approach with an objective to create valuable resources for industry and society.

Mission

- To provide latest infrastructure conducive to innovative learning.
- To establish centres of excellence to enhance academia industry partnership.
- Focus on specialized practical oriented teaching to develop analytical ability among students.
- To empower students with the required skills to encourage entrepreneurship and to enhance employability.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Visionary and Committed Management – Motivated faculty and students in all their endeavors.
- Institute is an Autonomous college, accredited by NAAC with A grade and is currently running 22 academic programmes.
- Four UG programmes twice accredited by NBA (2009-2012 and 2016-2018).
- Well established infrastructure – 60 Classrooms, 03 Seminar Hall, 01 Conference Hall, 01 Auditorium

with a seating capacity of 1500, 120 Laboratories, 1 exclusive R&D laboratory, Student Design & Experimental Learning Centre, Central training & Placement Cell, 1 Computer Center with 141 PCs, 16 well equipped Computer Labs, 815 Computers, 1 Central Library, 2 Boys Hostels, 1 Girls Hostel, 1 Centre for Research, Sports facilities including play grounds, 2 Gymnasiums, Basket Ball Court, Volleyball Court, Table Tennis etc., Student Activity Centre, 100% Wi-Fi, Video Surveillance, Biometric Attendance System.

- Decentralized administrative setup with complete autonomy to Deans and HODs.
- Dedicated well qualified and experienced faculty - 30 Ph.D qualified faculty.
- Strong industry & institution interaction - 39 MOUs with premier industries and academic institutions.
- An Outcome-based curriculum designed with stake holder's feedback to meet current & changing demands of industry and societal needs.
- Implementation of student centric teaching-learning methodologies viz. project based learning, online courses etc.
- Exclusive Training and Placement Cell with qualified staff and faculty coordinator from each department to train students in advanced technologies to get internship and placement.
- Continuous support from Alumni in all aspects.

Institutional Weakness

- Though there is a substantial growth in funding for Research, IPR, Institution has been striving to attract incremental funding through projects from UGC, DST, AICTE, etc.
- Despite achieving more than 74 % placements (about 51% placements through campus placements, 12 % in business enterprises, 11 % opting for higher education in India/abroad), Institution is aiming for improving its core company placements.
- Lack of Ph.D. program in the Institution.
- More work is needed in Faculty/Student exchange programs at international level.

Institutional Opportunity

- Close proximity to IIM Amritsar, NIT Jalandhar, IIT Ropar, Central University of Punjab (CUP) Bathina, Punjab Agriculture University (PAU) Ludhiana, CIPET Amritsar giving scope for Joint/Collaborative Research activities.
- Availability of Centres of Research Laboratories for Interdisciplinary research and alternate income generation leading to the scope for introducing interdisciplinary programs.
- Scope to identify possible ways to extend the research to IPR as well as Incubations.
- Strong Alumni Association – a chance for industry offered courses in Curriculum enhancement and monetary support.

Institutional Challenge

- Improving Strategic alliance with National and International R&D Labs, Institutions/Universities to get National/International recognition.
- To design and offer academic sandwich and twinning programs with foreign universities.
- Lucrative offers from industries to the graduating students, reducing the availability of students for postgraduate studies & research activities in the institution.

- Getting integrated courses to match the government initiatives like Make in India, Smart Cities, Skill Development, Digital India etc.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

- The institution has designed its curriculum with the National goal of empowering people through education. The institute offers a wide range of diploma, UG & PG programs contributing to Science & Technology, management science enabled development which is needed for the country. The courses offered are carefully designed keeping the current trends of National needs like Development of appropriate Technology, Entrepreneurial Skill Development etc.
- The Program Educational Objectives, Program Specific Outcome, and Course Outcome are designed in consonance with the graduate attributes of Washington Accord and NBA.
- AGC offers 22 academic programs. Many of the courses in these programs are revised to cater to the current & changing needs of Society and Industry.
- 95% of the courses are focused on employability and skill development, while 5% of the courses are focused on entrepreneurial development. In all, 3935 courses have been changed syllabi /introduced during the last 5 years.
- The students are given choice to choose online elective courses, based on their aptitude, skill, and aspiration.
- The institute has introduced inclusive courses on human values & professional ethics in all engineering programs. Environmental Science and associated courses are offered in various programs.
- It is mandatory (in many programs) to their students to take up value added courses, undertake Field Projects and Internships.
- The feedback received from the students and stakeholders are carefully analyzed, discussed and appropriate actions are initiated at various bodies including the Department Board of Studies, Academic Council, Governing Council etc.

Teaching-learning and Evaluation

- The institution admits students on basis of rules & regulations of State Government of Punjab. Seats are filled as per the reservation policy. Institution has 190 full time teachers on rolls, follows 1:14 STR. Sincere efforts are put to address the needs of slow learners, advanced learners and differently abled students.
- The institute has a Learning Management System (AGC-LMS) and a good reservoir of e-learning materials. The excellent mentor-mentee system of the institute takes care of academic and stress related issues. Academic-Calendar and Teaching-plans are strictly followed and are audited regularly.
- 30 faculty are with Ph.D. qualification and a good number of faculty have an experience of more than 15 years. 55% of the faculty are women.
- Institution has brought several reforms in the examination system which comprises of Continuous Formative Assessment and Summative Examinations conducted at the end of the semester. The system is fool-proof and transparent. Results are declared within two weeks from the date of last examination.
- The examination section is automated. Students are also educated on POs, PSOs, PEOs (also displayed in website). The institution systematically checks for attainment of outcomes and reviews the Teaching-Learning-strategies. On an average, 80 % of students are graduated every year. Students provide

feedback on all aspects of teaching-learning and corrective steps are taken wherever necessary.

Research, Innovations and Extension

- AGC has a well defined policy for promoting research, consultancy & IPR culture. Faculty members are encouraged to actively involve in research and consultancy work to carry out societal impact and, interdisciplinary projects by providing seed money (approx. Rs. 15 lakhs) and other incentives (Rs. 4.3 lakhs).
- AGC is a Ph.D Research Centre recognized by IKGPTU. Nearly Rs. 1.25 crores of funds are mobilized from Government and non-government sources. 46 faculty are recognized as research guides and 15 Ph.Ds have been awarded under their guidance.
- The institute has a strong eco-system for innovation through technology and business incubator. Awareness programs on IPR are regularly conducted.
- AGC adheres to the code of ethics. Turnitin software is used to check plagiarism. A total of 432 research articles in Journals, 406 presentations in conference, 3 Patents, 157 Scopus indexed publications are the culmination of research efforts at AGC.
- Many extension and outreach programs are conducted in collaboration with industry, community and NGO's. All the Students spend quality time in nearby villages and sensitise people on many issues. Many recognitions have been received for the extension activities conducted by NSS.
- The institute has 57 collaborations and linkages with industries for internship, on-the-job training, project. The institute has a large number of functional MoU's with institutions of national, international importance, foreign universities, industries and corporate houses.

Infrastructure and Learning Resources

- AGC has adequate infrastructure facilities spread over 20.5 acres area. All the 120 laboratories, 60 classrooms, 3 Seminar Hall and 1 Auditorium with the seating capacity of 1500, caters to the needs of students. The classrooms, seminar halls and many of the laboratories are equipped with ICT facilities. Sports facilities with indoor, outdoor, gymnasium, basket ball court, volleyball court etc are available.
- Library is automated and remote access provided to e-resources. Library has a rich collection of 32108 books, 153 e-journals, e-books and databases.
- An E-learning centre with digital library is established with 409 e-resources constituting video lectures from IITs, and other reputed sources related to all programs offered in the institute. Around 300 users utilize library facilities every day.
- State of art IT facilities exist, which includes 200 Mbps Internet Bandwidth, 3:1 Student Computer Ratio, Media Centre, Recording Rooms, Lecture Capturing Systems. Standard Operating Procedures for maintaining and utilizing facilities are in place. Proper upkeep of facilities is ensured.

Student Support and Progression

- Institution puts in relentless efforts for the all round development of students. Student chapters of various professional societies like IEEE, ISTE, CSI, SAE, actively organize Technical & Cultural Fests, Social Activities, Co-curricular Activities.
- Adequate representation is given for students in all academic/administrative committees and students are involved in the decision making process.

- About 10 % of the students avail scholarships & freeships from Government as well as the institution. Guidance for Competitive Examination, Softskills Training, Mentoring, Remedial Coaching Programme, Bridge Courses, Meditation classes are initiatives for students' all round development.
- Add-on Certificate courses are offered to all the students to enhance their skills and capabilities.
- Grievance-Redressal-Committee and Anti-Ragging-Committee and Internal Complaints Committee help the students to address the issues, if there are any.
- Institution has a good placement record and on an average 74% of the students are placed (55 % through campus placements, 12 % entrepreneurship, 11 % opting for higher education in prestigious institutions in India & abroad).
- Well-furnished student-activity-center is established to encourage students in cultural activities. 155 awards/medals are won by the students in sports/ cultural activities at national/ international level. 92 sports/cultural activities/competitions were organized in the institution over the last five years.

Governance, Leadership and Management

- AGC has a well structured governance system. The institution has Governing Council, Academic Council and other bodies for taking policy decisions and strategic plan of actions.
- AGC has decentralized decision making process and believes in participatory governance. The decisions taken in various bodies are properly minuted and actions are initiated.
- The strategic plan of the institution is inline with the institute vision, mission and goals. It is deployed and executed across all the activities. Periodical monitoring and quality measures display the adherence to the plan.
- E-governance is implemented in majority of the administrative set-ups.
- The Institution provides effective welfare measures to all staff. All statutory welfare measures are implemented.
- On an average 36 professional development/administrative training programs are organized by the institute every year for staff.
- Formal “Annual Performance Appraisal” for staff exists based on which increments and promotions are given.
- Institution conducts internal and external financial audits regularly and proper budgeting is done based on the plans and needs of departments and sections.
- IQAC has significantly contributed to sustain and enhance quality in all the aspects of the institution. On an average 12 quality initiatives are introduced by IQAC. AQAR submission is regularly done.
- NBA has accredited 4 UG programs (twice earlier).

Institutional Values and Best Practices

- In all, 33 gender equity programs are conducted. Human Values and Professional Ethics and courses to address environmental issues are a part of the curriculum.
- Infrastructure is developed to cater the needs of all genders and divyangjan. Effective campus surveliance is done. The institute has a policy of zero tolerance towards discrimination on the basis of caste, gender, religion.
- 325000 units (kWh) of renewable energy generated per year by the solar plant and is used in the campus through grid mode. 47.76 % of annual lighting power is met by LED bulbs.
- TwinBin system is being used. Used papers,notebooks are collected,recycled and donated to schools. STP of 150 kL/day capacity is in use. E-waste bins are provided and are disposed for recycling.

- Rain water harvesting pits are provided for recharging the ground water. In order to induce green campus environment public transport is promoted and pedestrian friendly footpaths have been made throughout the campus. To promote plastic free campus everybody is encouraged to shun the use of such bags etc. Above all most intradepartmental communication is done through electronic medium. The Institute has a canopy of trees and plants with 30 % of green belt. 0.61 % of total expenditure is spent on green initiatives.
- Many initiatives like Kisan Mela (Farm fare), Millet fests, etc. have been taken to address the societal needs of a large populace around the college (locational advantages). Institution celebrates national festivals, birth/death anniversaries of great Indian personalities. Many activities are conducted to promote universal values. Transparency is maintained in all activities related to finance, academics and administration.
- The institute emphasizes on moral code of conduct for students and staff.
- The institute philosophy, Spectral Pyramid relating to all-round grooming, is by itself a distinctive feature making the institute the preferred institute.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	Amritsar Group of Colleges
Address	Amritsar Group of Colleges, 12 Km stone, Amritsar - Jalandhar G.T. Road, Amritsar 143001, Punjab
City	Amritsar
State	Punjab
Pin	143001
Website	www.agcamritsar.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Vijay Kumar Banga	0183-5069536	8196952000	0183-5069535	principal@acetedu.in
IQAC / CIQA coordinator	Paramjit Singh	0183-5010434	9855861155	183-5069535	pspannu.me@acetedu.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of Establishment, Prior to the Grant of 'Autonomy'	27-05-2002

Date of grant of 'Autonomy' to the College by UGC	19-06-2014			
University to which the college is affiliated				
State	University name	Document		
Punjab	The I.K. Gujral Punjab Technical University	View Document		
Punjab	Punjab State Board Of Technical Education And Industrial Training	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC	14-01-2013	View Document		
12B of UGC				
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
PCI	View Document	10-06-2021	12	PCI accords EOA annually
AICTE	View Document	30-06-2021	12	AICTE accords EOA annually

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	National Board of Accreditation
Date of recognition	14-04-2016

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Amritsar Group of Colleges, 12 Km stone, Amritsar - Jalandhar G.T. Road, Amritsar 143001, Punjab	Urban	20.5	33200

2.2 ACADEMIC INFORMATION

NAAC

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Artificial Intelligence And Machine Learning	48	Intermediate	English	60	22
UG	BTech,Civil Engineering	48	Intermediate	English	60	22
UG	BTech,Computer Science And Engineering	48	Intermediate	English	180	180
UG	BVoc,Computer Science And Engineering	36	Intermediate	English	25	6
UG	BTech,Electrical Engineering	48	Intermediate	English	60	8
UG	BTech,Mechanical Engineering	48	Intermediate	English	90	16
UG	BVoc,Mechanical Engineering	36	Intermediate	English	25	3
UG	BCA,Computer Applications	36	Intermediate	English	120	112
UG	BA (Journalism),Management Studies	36	Intermediate	English	30	5
UG	BBA,Management Studies	36	Intermediate	English	90	57
UG	BCom,Management	36	Intermediate	English	60	19

	Studies					
UG	BVoc,Hotel Management And Catering Technology	36	Intermediate	English	25	18
UG	BHMCT,Hotel Management And Catering Technology	48	Intermediate	English	120	45
UG	BSc,Fashion Design	36	Intermediate	English	30	28
UG	BSc(Agriculture),Agriculture	48	Intermediate	English	120	71
UG	BSc,Pharmaceutical Sciences	36	Intermediate	English	30	4
UG	BPharm,Pharmaceutical Sciences	48	Intermediate	English	100	100
PG	Mtech,Civil Engineering	24	BE or B.Tech	English	18	7
PG	Mtech,Computer Science And Engineering	24	BE or B.Tech	English	18	1
PG	MCA,Computer Applications	24	Three years Degree	English	60	32
PG	MBA,Management Studies	24	Three years Degree	English	60	59

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	16				40				134			
Recruited	15	1	0	16	22	18	0	40	48	86	0	134
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				96
Recruited	75	21	0	96
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				41
Recruited	28	13	0	41
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	15	1	0	4	4	0	0	1	0	25
M.Phil.	0	0	0	1	0	0	3	3	0	7
PG	0	0	0	24	14	0	42	85	0	165

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

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

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
		5	1	0

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
Diploma	Male	59	20	0	0	79
	Female	14	2	0	0	16
	Others	0	0	0	0	0
PG	Male	35	48	0	1	84
	Female	48	15	0	0	63
	Others	0	0	0	0	0
UG	Male	712	795	0	135	1642
	Female	354	134	0	31	519
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	25	41	52	135
	Female	5	20	44	77
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	2	21	2	61
	Female	1	11	2	22
	Others	0	0	0	0
General	Male	774	647	725	608
	Female	212	193	189	176
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		1019	933	1014	1079

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Agriculture	View Document
Artificial Intelligence And Machine Learning	View Document
Civil Engineering	View Document
Computer Applications	View Document
Computer Science And Engineering	View Document
Electrical Engineering	View Document
Fashion Design	View Document
Hotel Management And Catering Technology	View Document
Management Studies	View Document
Mechanical Engineering	View Document
Pharmaceutical Sciences	View Document

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	Amritsar Group of Colleges (AGC) has always strived for a multidisciplinary approach in its academic as well as co-curricular activities. Students are encouraged to undergo minor/major projects in the Multidisciplinary/ Interdisciplinary mode by formulating teams from different courses. Students are also encouraged to formulate teams from different disciplines to participate in various events like Hackathons etc. Currently, AGC is in process of revision of its curriculum for students admitted in session 2021-22 and onwards, in which provision will be made to offer minor degrees in the fields other than the parent discipline.
2. Academic bank of credits (ABC):	We have already implemented for our students to take online courses through online mode through National Schemes like SWAYAM, NPTEL etc, and is considering for credits earned against elective courses. Revision of curriculum has been started for year 2021. These revisions are applicable for students admitted in session 2021-22 and onwards. We are in the process of developing a system for executing ABC in true spirit.
3. Skill development:	AGC Amritsar is imparting training to the farmers on

	<p>new techniques of agriculture through AGC- Agrofarm. Farmers/aspiring candidates are interested in learning the latest techniques of farming, organic farming, mushroom farming etc. AGC Amritsar offers B.Voc courses that are skill-oriented. Students are being trained in the field of hotel management and automobiles through these vocational courses. Students of AGC Amritsar are presently being given hands-on exposure to practical subjects through mini-projects, in which students identify their skills to fabricate some mini-projects and learn the concepts through experiential learning. AGC is also applying for skill-based certificate courses for the dropout students through which they will be trained on specific skills like mason, bar-bender, fire-safety, electrical fittings, housekeeping etc.</p>
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	<p>Indian Knowledge system will include knowledge from ancient India to modern India and clear sense of India's future aspiration with regard to education, health and environment. We are also intended to offer minor degree in IKS to our students in the coming years. AGC is in process of revision of its curriculum for students admitted in session 2021-22 and onwards, in which subjects related to Indian knowledge systems will find a due place as elective subjects.</p>
5. Focus on Outcome based education (OBE):	<p>College was accredited by NBA in the year 2009 and 2016 and is implementing OBE for various programmes specially in engineering courses. We have well defined Program Outcomes (PO), Program Educational outcomes (PEO) and Course Outcomes (CO) on our website and prominent places in the departments. Students are assessed as per OBE attainment model.</p>
6. Distance education/online education:	<p>The affiliating university IKG Punjab Technical University, Kapurthala has selected AGC Amritsar as its learning centre for offering various courses in ODL mode and as its regional centre for offering PG/Ph.D program. Institute has successfully imparted all its courses content delivery in online mode during the Pandemic (COVID-19) and also conducted online examinations successfully by using our own team developed by our own team.</p>

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
26	27	26	15	15
File Description		Document		
Institutional data in prescribed format		View Document		

1.2

Number of departments offering academic programmes

Response: 11

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2383	2641	2420	2739	2708
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
618	691	820	885	793
File Description		Document		
Institutional data in prescribed format		View Document		

2.3**Number of students appeared in the examination conducted by the Institution, year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
2372	2622	2398	2723	2688
File Description		Document		
Institutional data in prescribed format		View Document		

2.4**Number of revaluation applications year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1	67	77	83	41

3 Teachers**3.1****Number of courses in all programs year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1185	1119	952	811	718
File Description		Document		
Institutional data in prescribed format		View Document		

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

2020-21	2019-20	2018-19	2017-18	2016-17
190	188	179	168	165
File Description		Document		
Institutional data in prescribed format		View Document		

3.3

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
190	188	179	168	165
File Description		Document		
Institutional data in prescribed format		View Document		

4 Institution**4.1****Number of eligible applications received for admissions to all the programs year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1427	1301	1811	1777	1146
File Description		Document		
Institutional data in prescribed format		View Document		

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

2020-21	2019-20	2018-19	2017-18	2016-17
702	702	687	593	608
File Description		Document		
Institutional data in prescribed format		View Document		

4.3**Total number of classrooms and seminar halls****Response: 60****4.4****Total number of computers in the campus for academic purpose****Response: 815**

4.5

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

2020-21	2019-20	2018-19	2017-18	2016-17
1054.41	1528.49	1917.94	1614.70	1282.27

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.

Response:

The curricula for various programs have been formulated in accordance with the guidelines of AICTE, PCI, affiliating university, affiliating board involving the stakeholder's feedback and are in tune with the vision and mission of the institution to meet the local, national, regional and global developmental needs of the society. The institution strives to produce quality engineers & technocrats to meet the requirement of diverse industries ranging across infrastructural development, manufacturing, information technology, pharmaceutical sciences, agriculture sciences, managerial positions including hotel management etc. The Graduate Attributes are adopted as Program Outcomes. Program Specific Outcomes for each program have been formulated to ensure the attainment of domain-specific knowledge and skills in relation with course outcomes. The curriculum is formulated in tune with the PO's and PSO's and is modified at regular intervals by the Boards of Study (BoS) of each program.

The curriculum consists of Humanities, Basic and Engineering Sciences, Professional Core subjects, Open and Professional Electives, Skill Development Courses, Mini-projects, Laboratory Work and Project Work, Institutional & Industrial trainings. Technical Report Writing and Language Laboratory aims at enhancing the written and verbal communication skills of students. Study of fundamental concepts of basic sciences enables the students to understand and apply them to solve domain specific and multidisciplinary problems.

Students in various programs learn concepts in professional core subjects. Learning of advanced concepts by offering professional elective subjects in each program enhances their analytical and problem-solving skills. Study of open electives multidisciplinary syllabi paves the way for an interdisciplinary approach to learning. Conduct of laboratory work enables the students understand the practical applications of several theoretical concepts. Mini-projects presentation carried out by the students help them to consolidate and apply their conceptual understanding of various subjects. Seminars, presentations help to enhance the presentation skills of the students. The project work/ internship taken up in the prefinal/ final year enables the students to consolidate their knowledge to write and present technical reports and learn the benefits of teamwork. Students are encouraged to carry out project work as interns in industry. Students learn managerial skills while coordinating for various activities under respective department societies and clubs.

Co-curricular and extra-curricular activities aim to inculcate these qualities in order to bring about holistic personality development of students. Students are also encouraged to participate in technical competitions and ideation contests as part of co-curricular activities. They also participate in sports activities on a regular basis. Training in technical and soft skills has been imparted to the students under Aptitude & Communication Classes, Pre-placement Activities. Soft Skills involve training in Communication Skills, Quantitative Reasoning, Logic and Aptitude. This training ensures better employability for the students. Trainings in the latest software and technologies are offered to the students in concerned laboratories. With

a view to promote self-learning, students are asked to clear at least one online NPTEL/ MOOCs certification examination in their prefinal year of program.

The success of curriculum design and development can be gauged by enhanced employability, increased placements and students securing admissions into higher education institutions.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 57.69

1.1.2.1 Number of all Programmes offered by the institution during the last five years.

Response: 26

1.1.2.2 How many Programmes were revised out of total number of Programmes offered during the last five years

Response: 15

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Details of program syllabus revision in last 5 years(Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 100

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years..

2020-21	2019-20	2018-19	2017-18	2016-17
1185	1119	952	811	718

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Average percentage of courses having focus on employability/ entrepreneurship(Data Template)	View Document
Link for Additional Information	View Document

1.2 Academic Flexibility

<p>1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.</p> <p>Response: 82.24</p>	
<p>1.2.1.1 How many new courses are introduced within the last five years</p> <p>Response: 3935</p>	
<p>1.2.1.2 Number of courses offered by the institution across all programmes during the last five years.</p> <p>Response: 4785</p>	
File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document
<p>1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).</p> <p>Response: 57.69</p>	
<p>1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented.</p> <p>Response: 15</p>	

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

1.3 Curriculum Enrichment

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

Response:

The college has been working for the overall development of the students. Students are moulded as responsible technocrats by creating awareness and addressing the societal and generic needs. Along with a standardized learning plan, the curriculum is enriched by including the courses like Environmental Studies, Energy Sciences, *etc.* This enriches the knowledge base of the student and improves the self-actualization and belongingness to the society.

Mentorship Program

The college has an active Student Mentor Program. Under this program students are guided by their mentors regarding professional ethics and social responsibility. Students are encouraged to plant one tree every semester under one student one tree programme.

Human Values and Professional Ethics

To instill Moral, Social and Ethical values, the college has introduced a courses on Human Values and Professional Ethics. This course help students gain a worldview of the self, society and profession. It emphasizes on holistic understanding of ethical human conduct, trustful and mutually satisfying human acquire knowledge of their principles and utilization. Another Open elective course on 'Industrial Pollution and its Control' is offered to explain the effects of uncontrolled emissions from industries understand the various disposal methods and minimize pollution.

National Service Scheme

The college also has a vibrant NSS wing which encourages student participation in programmes like Blood Donation, Swacch Bharat Abhiyan and bringing awareness on renewable energy sources, conservation of water and electricity. Workshops/lectures are arranged on these issues in nearby villages.

Gender Sensitization

'Human Values and Professional Ethics' course includes a unit on social responsibility inculcating civic

sense and virtues highlighting issues related to the dignity of women at home and workplace. Discussions, debates and guest lectures pertaining to gender sensitization are arranged. Women's Day is celebrated every year with active students participation. Special talks are arranged to encourage women to explore opportunities in science and technology. An exclusive committee consisting of women faculty and girl students is also functioning related to gender equality issues.

Environment and Sustainability

Environmental Studies is an interdisciplinary course. The course includes the study of natural resources with emphasis on renewable energy resources, the importance of conserving the present ecosystem, promoting biodiversity, perils of environmental pollution and raising awareness on environmental and social issues.

Open Elective Courses under CBCS

Disaster Management is offered as an open elective to understand various types of natural and man-made disasters, their occurrences, effects, mitigation and management systems in India, the role of Geographical Information Systems and Remote Sensing Technology in Disaster Mitigation and Management. Course on 'Green buildings' is also offered to emphasize the significance of eco-friendly materials, green building rating systems, etc. Course on 'Non-conventional Energy Sources' is offered to explain the generation of electricity from various non-conventional sources of energy such as solar, wind, ocean and geothermal energies and acquire knowledge of their principles and utilization. 'Industrial Pollution and its Control' is offered as open-elective to explain the effects of uncontrolled emissions from industries understand the various disposal methods and to minimize pollution.

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

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 206

1.3.2.1 How many new value-added courses are added within the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
102	79	9	8	8

File Description	Document
List of value added courses (Data Template)	View Document
Link for Additional Information	View Document

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 44.01

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

2020-21	2019-20	2018-19	2017-18	2016-17
1197	1995	891	776	789

File Description	Document
List of students enrolled	View Document
Link for Additional Information	View Document

1.3.4 Percentage of students undertaking field projects/ internships / student projects (Data for the latest completed academic year)

Response: 25.93

1.3.4.1 Number of students undertaking field projects / internships / student projects

Response: 618

File Description	Document
List of programs and number of students undertaking field projects / internships / student projects (Data Template)	View Document
Link for Additional Information	View Document

1.4 Feedback System

1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

Response: A. All 4 of the above

File Description	Document
URL for stakeholder feedback report	View Document

1.4.2 The feedback system of the Institution comprises of the following :

Response: A. Feedback collected, analysed and action taken and report made available on website

File Description	Document
URL for stakeholder feedback report	View Document

NAAC

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 74.39

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

2020-21	2019-20	2018-19	2017-18	2016-17
1019	933	1014	1079	1017

2.1.1.2 Number of sanctioned seats year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1462	1462	1432	1236	1266

File Description

Institutional data in prescribed format (Data Template)

Document

[View Document](#)

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

Response: 24.77

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

2020-21	2019-20	2018-19	2017-18	2016-17
33	93	100	295	253

File Description

Institutional data in prescribed format

Document

[View Document](#)

2.2 Catering to Student Diversity

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

Response:

The students admitted into this institution are from diverse social, cultural, economic climatic and vernacular backgrounds; their learning capabilities are also different. The institute offers them uniform learning opportunities and assesses their learning through:

1. Close observation of their attentiveness and responsiveness in the classrooms and laboratories.
2. Performance in the Mid Session Tests (MSTs) and End-Semester Examinations and
3. Responsiveness to viva-voce questions during continuous evaluation of practicals in the laboratories.

Above parameters help the mentors to identify different learning levels of students. Discussions with subject teachers and their feedback further help the mentors to reaffirm the identified students and to decide further line of action.

Programmes for advanced learners:

Interactive participation in learning and good performance in examinations of the meritorious students draws the attention of the course teachers and the mentors. The advanced learners are enthused to keep up their morale to enhance their academic record.

- Challenging assignments and projects are given to them to hone up their intellectual caliber, sharpen their inquisitiveness, induce them to experience the thrill of learning and enjoy the pleasure of achievement.
- They are motivated to take up self study courses for independent pursuit of higher studies.
- Thrust in research is whetted by motivating them to attend conferences/seminars in research institutes, apply for students' projects from funding agencies, participate and present research papers in seminars / conference at collegiate / inter-collegiate / state / regional / national levels and publish articles in reputed journals.
- They are motivated to showcase their acquired skills and capabilities by participating in techno-cultural events in other institutions of national repute. They are further encouraged by providing financial assistance for developing research based projects.
- Peer teaching to the slow learners by the advanced learners, the disadvantaged and the physically challenged students is encouraged to broaden their knowledge and humanitarian outlook towards the fellow students.

Programmes for slow learners:

The course teachers and the mentors counsel them to free them from inhibitions and instill confidence in them to focus their concentration on studies. The mentors help them to find out the reasons for their poor

performance and suggest remedial measures to rectify them.

The impediments due to financial constraints are removed by providing free bus pass, concession in term fee and examination fee to the day-scholars from the economically disadvantaged sections. Concession in hostel fee, mess fee, term fee and examination fee are extended to the students of such categories in the hostel.

The concern and assistance of the peer group and faculty members to the physically challenged and the disadvantaged students is a notable feature of the college. Their acceptance amidst the peer group has broken the barriers in their studies and led to incremental growth in their performance. Special care is taken to keep them in mainstream and keep their morale high so that they don't feel themselves inferior to other students in their class.

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

Response: 13:1

2.3 Teaching- Learning Process

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

Response:

The institute follows a versatile assessment of learning levels of students through a common procedure aided with program specific assessments in addition to the traditional teaching-learning methods. These procedures are dynamic in nature and are updated and innovated to assess the learning in student centric way. The methodologies adopted for enhancement of Teaching –Learning are as below:

S.no.	Methodology	Type	S.no.	Methodology
1	Workshops	E	11	Guest lecture
2	Seminars	E	12	Peer learning groups
3	Virtual Lab	E	13	MOOCs
4	Public Speaking	E	14	Video Demonstration
5	Review web literature	E	15	PPT
6	Simulation	E	16	Google Classroom
7	Hackathons	E	17	Open book test
8	Field training	E	18	Project- based learning
9	Activity-based learning	E	19	Proto-type model
10	Poster presentation	P	20	Real-time case studies

The above methodologies are categorized as following:

Type of Methodology	Sr.no.
Experiential	1 to 9
Participative	10 to 16
Problem Solving	17 to 20

File Description	Document
Any additional information	View Document

2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.

Response:

The programs offered by the institute are all professional programs and demand high level of exposure to the students before they graduate out to the corporate world outside. This calls for the use of ICT enabled tools and resources for effective delivery in the classrooms as well as in the laboratories. Invariably, the instruction plans to deliver a specific course is prepared in advance (i.e. before the commencement of classes in a particular semester). The subject teacher decides the topics that demand use of ICT enabled tools for the effective delivery of the content by the teacher and effective learning on the part of students. As a regular practice, out of the total lectures that are delivered for a course, atleast thirty percent lectures are delivered based on ICT enabled tools and resources. The subject teacher uploads the instruction plan in advance to the LMS portal wherein he/she specifically mentions the mode of delivery as 'Chalk and Talk, PPT or Video Lecture'. In addition to this, the LMS portal also enables the teacher to upload notes in pdf format, power point presentations and url or links of external video content. The students are able to download the shared content for their reference.

Similar to theory courses, the practical subjects are also delivered using ICT enabled tools and resources. Prior to conduct of some important experiments that involve comparatively greater level of understanding and precautions, videos from appropriate sites like NCTEL are shown and explained to the students by the subject teacher.

The institute has well adopted the social media apps like whatsapp for sharing useful links and resources with students and for effective exchange of information between department and students. Links to online tests are also shared through whatsapp groups.

An unprecedented rise in the use of ICT based learning and evaluation during the lockdown due to global pandemic COVID-19 has been observed worldwide. AGC Amritsar has also adopted this global change and conducted all the classes in online mode using ZOOM platform, Google classroom, whatsapp etc. All the classrooms were well equipped for effective conduct of online classes. Department wise Youtube channels are further enriched with additional videos made by the faculty. Well framed time-tables, the links for scheduled online classes etc are shared through whatsapp groups. Assignments and Tests conducted in online mode were sent through google classroom and evaluations were returned through same mode.

You tube channels of the departments have been uploaded with videos of online lectures and laboratory experiments conducted by the faculty. The lists of urls of the videos have been made available on institute

website as well.

The Institute also got an appreciation letter from the affiliating university (IKG Punjab Technical University Kapurthala) for the efficient conduct of online classes on the basis of report of virtual inspection submitted by university's inspection team.

File Description	Document
Any additional information	View Document
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	View Document

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

Response: 19:1

2.3.3.1 Number of mentors

Response: 123

File Description	Document
Circulars pertaining to assigning mentors to mentees	View Document
Link for additional information	View Document

2.3.4 Preparation and adherence of Academic Calendar and Teaching plans by the institution

Response:

Preparation of Academic Calendar:

Preparation of academic calendar is an important exercise that is carried out before the commencement of every semester. Academic calendar for any upcoming semester is prepared by the Dean Academic Affairs and approved by the Head of Institute at least one week before the commencement of the scheduled classes for that semester. One pager format of academic calendar is adopted showing in sequence the applicable months of the year in vertical columns. Each monthly column further comprises of three sub-columns showing the date, scheduled program and the cumulative working day from the commencement of classes. All holidays are marked in academic calendar as per the list notified by IKG Punjab Technical University, Kapurthala. All important events are marked that include (i) commencement of classes (ii) slots for Mid Session Tests - MSTs (iii) end of semester (iv) slots for make-up or revision classes (v) slots for practical examinations (vi) preparatory holidays (vii) commencement of end-semester-examinations and (viii) pre-planned major activities to be organized. The approved academic calendar is circulated to all the faculty members and students through respective heads of departments before the start of semester classes. The

academic calendar is displayed on all the departmental notice boards and is also made available on the institution's website.

Adherence to Academic Calendar:

Course/subject allotment for the semester is prepared by the respective heads of departments and the same is communicated to the faculty. For each course, teaching hours are allocated as per the applicable study scheme. The academic coordinators of respective departments prepare time-table to be followed in the semester. This time-table is made available to all the faculty members and students through respective heads of departments and prominently displayed on departmental notice boards. Time table includes day wise and hour wise information of the classes to be conducted along with the abbreviation of teacher's name. The faculty prepares a detailed instructional plan for every allocated course (theory as well as practical) based on the academic calendar which includes dates for each topic or topics to be covered and the mode of teaching. The instructional plan is uploaded on the dashboard with an option to upload class notes in pdf format, presentation and external video url for the students. The instruction plan is visible to the students through their dashboard logins with an option to see and download the attached notes and presentations. Faculty needs to deliver lectures strictly as per instruction plan and also to upload the attendance of lectures within a day of conduct along with topic covered. The awards of MSTs and assignments are also to be uploaded in timely manner for the internal assessment of students.

File Description	Document
Upload Academic Calendar and Teaching plans for five years	View Document

2.4 Teacher Profile and Quality

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

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years(Data Template)	View Document

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

Response: 9.65

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

2020-21	2019-20	2018-19	2017-18	2016-17
24	24	14	12	13

File Description	Document
Institutional data in prescribed format (Data Template)	View Document

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

Response: 5.58

2.4.3.1 Total experience of full-time teachers

Response: 1060

File Description	Document
Institutional data in prescribed format	View Document

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

Response: 38.22

2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
21.25	24.17	42.4	49.18	54.08

File Description	Document
Institutional data in prescribed format (Data Template)	View Document

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 0

2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

2.5.3 IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in Examination Management System (EMS) of the Institution

Response:

Since the college has conferred with the prestigious status of autonomous by UGC, we underwent many reforms in our examination system. The major changes have been mentioned below;

1. Establishment of Secrecy Branch in a separate building. It has been equipped with 10 CCTV cameras for the surveillance of all the activities performed here.
2. Three set of question papers are set for each subject and accordingly one set is selected randomly on the day of exam.
3. Own ERP for automation of examination system.
4. Constitution of two flying squads for morning & evening session.
5. Changes in the guidelines for UMC.
6. Table marking by different examiners for each section of the question paper which includes evaluation by external examiners.
7. Showing the answer sheets to the students.

All the above changes we kept adding in the Guidelines & Procedures of Semester End Examinations which reflected time to time in Amendment-I, Amendment-II and Amendment-III.

At the present time, college has developed a complete Learning Management System (LMS) which enabled us to perform efficiently during Semester End Examinations. It is known as AGC-LMS. It has brought revolutionary change in our Examination System where the whole process is producing expeditious results. LMS at AGC has been designed in such a way which is highly helpful for its all stakeholders which includes Principal/COE, Dean Academic Affairs, Deputy Registrar, HODs and most importantly Students for the smooth conduct of Examination System.

AGC-LMS facilitates the examination process with Online Filling of Exam Forms, Generation of Admit Cards, Online Attendance Sheets, Online Subject-wise/Day-wise strength of the students, Uploading of Theory-Internal/External & Practical-Internal/External awards, Conversion of marks into grades, Calculation of SGPA, Result declaration in the students' login, Publishing the Result Gazette and Generation of Result Excel Sheets for University Portal.

Online filling of Exam forms

In case of regular exams, the students need not to fill any form and it is auto generated through the AGC-LMS. In case of re-appear exams, students need to fill the online exam forms as per the schedule and their requirements.

Online Generation of Admit Cards

The Admit Cards are generated automatically in AGC-LMS.

Online Attendance Sheet

The team of conduct branch of examination easily takes the attendance sheets of the respective exams through AGC-LMS.

Online Subject-wise/Day-wise strength of the students

Now the AGC-LMS has made it very convenient to get the Subject-wise and Day-wise Strength of the students. This has reduced the chances of mistakes in the conduct branch of examination.

Uploading of Awards

The awards of Theory-Internal/External & Practical-Internal/External awards are uploaded on the AGC-LMS. This has increased the accuracy and speed in the result declaration.

Automatic conversion of marks into grades

The moment we upload the marks on the AGC-LMS, we are able to get the conversion into grades immediately.

Calculation of SGPA

Now it has become very easy to calculate the SGPA and publish the result through AGC-LMS.

Result declaration in the students' login

It has become convenient for the students that they can easily check their results in their login without being at a particular location.

Publishing the result gazette

A set format for result declaration has been designed which automatically provides the final result sheet for the notification.

Generation of Result Excel Sheets for University Portal

AGC-LMS is highly helpful to produce automatic Result Excel Sheets which we upload on University Portal.

It is notable that AGC-LMS was highly helpful during the Lockdown period. AGC-LMS enabled us to conduct Online Exams. We conducted the descriptive and MCQs based exams. The team of AGC-LMS has configured the system in such way that it could easily select the random questions for MCQs based exams. We conducted the online Semester End Examinations successfully and smoothly for May-2020, Nov-2020 and May-2021 sessions.

Continuous Internal Assessment (CIA) includes different criteria for theory and practical subjects. Majorly it makes 40% of total weightage for theory subjects and 60% for practical subjects. These components are further divided into Mid Session Tests (60%) and Assignments (40%) for theory subjects and evaluation of each experiment (out of 10 marks) as performance of experiment (4 marks), Preparation of practical file (2 marks) and Viva-voce related to the experiment (4 marks), to be finally converted to overall internal assessment for the practical subject (i.e. 60% of assigned weightage).

As a reform in last five years, the above calculations, which were earlier done manually, are now being done through integrated Learning Management System (LMS) developed indigenously by the institute. Every subject teacher, who is assigned a particular subject, has to timely upload the marks of MSTs, Assignments or practical experiments on the LMS portal. The deadlines for uploading all these awards are constantly managed centrally under the control of Head of the institute. The awards once uploaded, are locked immediately and can not be edited later by any faculty member. This ensures the effective continuous evaluation. Moreover, the calculation of final internal awards is also done by LMS itself, saving upon the time of teaching staff as well as eliminating the human errors in such calculations. The awards thus generated are directly picked by the secrecy section for the preparation of final results after the semester-end examinations.

File Description	Document
Any additional information	View Document

2.6 Student Performance and Learning Outcomes

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

Response:

Program Outcomes (POs): It represents the knowledge, skills and attitudes the students should have at the end of a course completion of their respective engineering program.

Course Outcomes (COs): It gives the resultant knowledge and skills the student acquires at the end of each course.

Program Specific Outcomes (PSOs): These are statements that define outcomes of a program which makes students realize the fact that the knowledge and techniques learnt in this course has direct implication for the betterment of society and its sustainability

Program Outcomes (POs) , Program Specific Outcomes (PSOs) and course outcomes are communicated to the stake holders of the program by the following procedures.

POs and PSOs are approved by the Department Advisory Committee.

POs and PSOs are available in the Institute website (www.acetamritsar.in)

POs and PSOs are kept in prominent locations of the campus for staff, students and public view. POs and PSOs are displayed in Department office, Laboratories and Department library.

POs and PSOs are communicated to employers and Alumni by sending mail and during the Alumni Meeting.

During the class committee meeting and faculty meeting POs and PSOs are reviewed among the students and staff members.

Course Outcomes (COs) are framed at department level. Concerned department committee with subject area experts frames course outcomes for each course. The course outcomes and their mapping with program outcomes and program specific outcomes are elaborately discussed and derived by the course committee members. The COs are modified and reframed by the course committee members (CC). COs are communicated to the students during the introduction class presentation itself. COs along with Lecture plan are printed and issued to the students during the first class.

During the discussion of the course, the outcomes of the course are also focused, monitored and evaluated.

File Description	Document
Link for Additional Information	View Document

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.**Response:****Rubrics Process****Step 1: Define PEOs(Program Educational Objectives : 3 to 5****Step 2 : Prepare POs (Program Outcomes - Same for all Engineering Branches) :12 as per NBA guidelines****Step 3: Prepare PSOs(Program Specific Outcomes - Branch Specific) : 3****Step4 : Prepare Course Outcomes (Subject Vice) : 6****Step 5: COs of a Particular subject has to be covered as**

1. First MST has to cover first 3 COS abd 2nd MST has to cover rest of 3 COS
2. 1st Assignment has to cover COs 1 and 2
3. 2nd Assignment has to cover COs 3 and 4
4. 3rd Assignment has to cover COs 5 and 6

(Each CO must be covered atleast twice in sessionals/assignments in a semester)**Step 6: Create CO and PO/PSO mapping**

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.3 Pass Percentage of students(Data for the latest completed academic year)**Response: 94.21****2.6.3.1 Total number of final year students who passed the examination conducted by Institution.**

Response: 618

2.6.3.2 Total number of final year students who appeared for the examination conducted by the Institution.

Response: 656

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

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response:	
File Description	Document
Upload database of all currently enrolled students	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1 The institution's Research facilities are frequently updated and there is a well defined policy for promotion of research which is uploaded on the institutional website and implemented

Response:

Institute has diversified research facilities available in the premises. Each department has specialized labs which are being updated time to time. The details are available in the institute as:

- Robotics and Industrial Automation
- Big Data Analytics in collaboration with Meridian Digital World, Hyderabad (including One Server (Intel Xeon, 16 GB RAM and 8 TB HDD) and 30

Thin Clients)

- Cyber Security and Cyber Forensics in collaboration with Sedulity Solutions, New Delhi (28 computers with Sedulity Operating System)

- Automobile Engineering

- Advance Wireless Lab with National Instruments also includes Vector Network Analyser (VNA) funded by Department of Science and

Technology under Fund for Improvement of S&T Infrastructure (FIST) program.

Institute has well defined Human Resource (HR) policy which defines the ways to promote the research in the institute, and is available with the Heads of the Departments (in hard copy form) and also uploaded on the institutional website. To promote the research, the committee of the following Ph.D faculty members has been constituted which helps the other faculty members for carrying out their research.

S.No.	Name of Faculty	Role as Committee member
1.	Dr. Narinder Sharma	Dean Resaerch & Development
2.	Dr. P.S. Pannu	Convener
3.	Dr. Amarpreet Singh	Member
4.	Dr. Namrata Kad	Member
5.	Dr. Navdeep Singh	Member

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View Document
URL of Policy document on promotion of research uploaded on website	View Document

3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 0.67

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

2020-21	2019-20	2018-19	2017-18	2016-17
0	3.07	0	0.27	0

File Description	Document
Minutes of the relevant bodies of the Institution	View Document
List of teachers receiving grant and details of grant received	View Document
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View Document
Any additional information	View Document

3.1.3 Percentage of teachers awarded national / international fellowship for advanced studies/research during the last five years

Response: 0.11

3.1.3.1 The number of teachers awarded national / international fellowship for advanced studies / research year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
0	1	0	0	0

File Description	Document
List of teachers and their international fellowship details	View Document
e-copies of the award letters of the teachers	View Document

3.2 Resource Mobilization for Research

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

Response: 125.45

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

2020-21	2019-20	2018-19	2017-18	2016-17
13.75	31.7	0	0	80

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by government and non-government	View Document

3.2.2 Percentage of teachers having research projects during the last five years

Response: 0.79

3.2.2.1 Number of teachers having research projects during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
3	3	0	0	1

File Description	Document
Names of teachers having research projects	View Document
Link for additional information	View Document

3.2.3 Percentage of teachers recognised as research guides**Response:** 24.21**3.2.3.1 Number of teachers recognized as research guides**

Response: 46

File Description	Document
Upload copies of the letter of the university recognizing faculty as research guides	View Document
Link for additional information	View Document

3.2.4 Average percentage of departments having Research projects funded by government and non-government agencies during the last five years**Response:** 13.13**3.2.4.1 Number of departments having Research projects funded by government and non-government agencies during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
3	3	0	0	1

3.2.4.2 Number of departments offering academic programmes

2020-21	2019-20	2018-19	2017-18	2016-17
11	11	11	9	9

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.

Response:

An eco system has been created in the institution to promote innovation, transfer of knowledge and entrepreneurship. As part of innovation, Entrepreneurship Development Cell (EDC) has been set up in the year 2016 for nurturing innovative ideas from the students. The Entrepreneurship is increasingly recognized as an important driver of economic growth of the country. The aim of Entrepreneurship Development Cell (EDC) at AGC is to develop and strengthen entrepreneurial qualities among the students for their own ventures. AGCEDC strengthens the entrepreneurial activities and inculcate the spirit of entrepreneurship among our students of all trades. Even Govt. of India has recognized the importance of entrepreneurship and has introduced programs like 'Make in India' & 'Start-up India'. The College is committed to provide infrastructure, technical support, guidance, mentoring to the students for innovative products and services for the welfare of the society and the nation.

The AGCEDC assists all the aspirants for their start up idea into a real business. The Entrepreneurship Development Cell was constituted in the college with a dedicated team of actively working faculty carrying industry exposure along with student representatives. Aspiring engineer entrepreneurs are groomed with the necessary inputs on how to be a successful entrepreneur through workshops and seminars by eminent people from the industry. At AGCEDC, we encourage the students to consider self-employment as a career option, providing necessary training. The cell also organizes different activities and events frequently to train and motivate the students on entrepreneurship.

The AGCEDC has the aim to enhance the development and growth of Indian society & system by enabling entrepreneurs by encouraging individual ability and innovation along with integrity & sustainability. A proud moment for AGC to share that a memorandum of understanding (MOU) is made on 18/11/2020, between DESIGN INNOVATION CENTER (DIC), established at PUNJAB UNIVERSITY, CHANDIGARH and AGC AMRITSAR. The collaboration has been made to appreciate the need for integrating the reservoir of highly qualified manpower in the field of expertise of two constituents, on the basis of mutual sharing of innovation to enhance the knowledge, technical skills, start up and hence entrepreneurship skill.

As part of choice based education system, the students are encouraged to take up co- curricular activities involving theme based projects which culminate into creation of innovative knowledge helpful for the society. Students are encouraged to take up industrial based projects as part of their project work. Students are encouraged to take up and participate in code development activities such as Hackthons and Coding contests etc., which train the students towards innovation.

The institution has the practice of conducting various workshops and conferences periodically for creation and sharing of knowledge. Similarly some of the faculty members have published technical books as a part of initiative for knowledge creation and transfer. The faculty has been encouraged to take up Intellectual Property rights as an initiative towards innovation and knowledge sharing. The faculty delivers guest lectures and expert lectures to other institutions as part of knowledge sharing.

File Description	Document
Paste link for additional information	View Document

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.

Response: 190

3.3.2.1 Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
42	51	38	25	34

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

3.4 Research Publications and Awards

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee

Response: A. All of the above

File Description	Document
Any additional information	View Document

3.4.2 Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/supervisors provided at 3.2.3 metric) during the last five years

Response: 0.48

3.4.2.1 How many Ph.Ds are registered within last 5 years

Response: 22

3.4.2.2 Number of teachers recognized as guides during the last five years

Response: 46

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
URL to the research page on HEI web site	View Document

3.4.3 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 0.67

3.4.3.1 Number of research papers in the Journals notified on UGC website during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
18	15	21	38	27

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

3.4.4 Number of books and chapters in edited volumes / books published per teacher during the last five years

Response: 0.95

3.4.4.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
19	23	32	51	44

File Description	Document
List books and chapters in edited volumes / books published	View Document

3.4.5 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response:

File Description	Document
Bibliometrics of the publications during the last five years	View Document

3.4.6 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response:

File Description	Document
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View Document

3.5 Consultancy

3.5.1 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 8.58

3.5.1.1 Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

2020-21	2019-20	2018-19	2017-18	2016-17
0.211	1.7	2.95	2.23	1.493

File Description	Document
List of consultants and revenue generated by them	View Document
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View Document

3.5.2 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs).

Response: 6.12

3.5.2.1 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
5.81	0.3062	0	0	0

File Description	Document
List of facilities and staff available for undertaking consultancy	View Document
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View Document

3.6 Extension Activities

3.6.1 Extension activities are carried out in the neighbourhood community, sensitising students to social issues, for their holistic development, and impact thereof during the last five years

Response:

Extension activities are encouraged to be taken up by the students in order to fulfill the aspiration of Vision and Mission statements of the institution. We at AGC make our budding aspirants grounded and humane by performing various social activities. We encourage students to participate in co-curricular and extra-curricular activities. Every year the college organizes a Technical Fest PRAYAS and FUSION and in these fests motive is to invite the nearby schools, college students to participate in various activities where they can learn and showcase their talent in technical and non-technical events. The institute has an active NSS wing, which has taken the projects like keeping the nearby villages clean and green by plantation drives. College NSS volunteers visit Wagha Border on the occasion of Raksha Bandan and celebrates the occasion with front line warriors and distribute sweets. The institute also celebrates various National and International Days like Republic Day, Independence Day, Yoga Day, Environment Day, Women's Day etc. All these programs are performed in Institute with the sense to develop the sense of responsibility, accountability, integrity among students and staff members. To inculcate moral Human Values towards achieving the vision and mission of the institution various workshops, guest lectures, FDPs are organized every year in the Institute. Institute also started 'wall of Radiance' built outside the college where our students, staff members collect relief material from their homes and also within the college and participated to provide the relief to poor and needy people of the society. The Institute also involves distribution of furniture, text books, stationeries material and any other help required by needy students of the schools in the neighboring villages and towns. NSS wing of the institute facilitates Pingalwara Charitable Trust for organizing various social welfare activities. Institute provides free education to economically weak and eligible students. In collaboration with All India Pingalwara Charitable Society & Government Medical College, Amritsar, NSS wing of Institute organized various seminars on 'Drug De-Addiction', 'Methods of Mind Control', and 'Blood Donation Camps' which are regular practice of the Institute. Various nearby villages are adopted where institute do plantation program with the help of social workers. Visit to Pingalwara by the students of various departments on special days like Raksha Bandan, Diwali, Lohri and Baisakhi are soloemnsed so that students understand and learn the basic humanity

concept. To make students aware about traffic management, safety rules, safety driving guidance, local authorities of Police Department and traffic Control Department are invited to give instructions and guidance to the students. To make students aware about the Indian Historic Culture, some special seminars, guest lectures and interactive talks are organized. Various programs which are under taken by the Institute throughout the year make staff members, students and people living near by beneficial and give them real life learning experiences.

3.6.2 Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government recognised bodies during last five years

Response: 46

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

2020-21	2019-20	2018-19	2017-18	2016-17
12	9	14	5	6

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

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 32

3.6.3.1 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
3	4	8	10	7

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 50.52

3.6.4.1 Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
1370	1258	1067	1545	1272

File Description	Document
Reports of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.7 Collaboration

3.7.1 Number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

Response: 10.2

3.7.1.1 Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

2020-21	2019-20	2018-19	2017-18	2016-17
20	19	8	2	2

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document

3.7.2 Number of functional MoUs with institutions of national, international importance, other institutions, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 58

3.7.2.1 Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
20	19	16	2	1

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other Institutions etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

Institution located at main highway (Amritsar-Jalandhar G.T. Road) Amritsar caters to the needs of stakeholders, has excellent infrastructural facilities spread over 20.5 Acres of land with 33500 Sq.m. built up area.

The Institution raised its infrastructure facilities to 83 laboratories, 60 classrooms, 3 seminar halls and 1 auditorium.

Many classrooms, seminar hall and many of the laboratories are equipped with ICT facilities.

All the laboratories are well equipped and maintained. Computer laboratories are installed with licensed software as well as open source software.

3:1 Student Computer Ratio is being maintained in the institute.

Classrooms

The Institute has well-furnished, spacious and well ventilated classrooms which are also well illuminated. Classrooms are maintained as per norms for proper visibility and audibility. The classrooms are equipped with adequate furniture, blackboard, projectors, fans, lights and power backup.

Laboratories

The Institution has domain centric laboratories as per the regulations of AICTE. Adequate and well-maintained equipment to conduct experiments is provided. The laboratories are kept open beyond the working hours depending on the need of the students. Sufficient safety measures have been incorporated and are displayed at strategic locations in the laboratories

Seminar Halls

The college has three seminar halls and one conference hall to conduct seminars, conferences, guest lectures, and workshops for students and faculty. All seminar halls have adequate seating capacity and these are equipped with LCD projectors, whiteboards, raised platforms and public address system with internet facility.

Computing Equipment

The institution has 815 computers. Every department has separate computer labs for conducting programming & simulation experiments to enhance the skills of the students.

Library

The institution recognizes the importance of the library as a good learning resource. It is updated regularly with the latest books & journals. The central library has following :

1. Carpet-area 650 sq. m
2. Collection of approx. 32108 books (Text, references and general)
3. Centrally Air Conditioned
4. Seating capacity of 200
5. 9 Cubicles
6. Competitive Exam Section
7. Wi-Fi Facility
8. Digital Library
9. Access to E-journals and E-books
10. Reprographic Facility

Transport, medical and canteen facilities

The institute provides transport facilities for the students and staff from and to various parts of the city, apart from public transport. College dispensary provides first aid facilities. The institute has a tie up with a nearby hospitals for any medical emergency. Canteen facilities are also provided for students & staff which has adequate seating capacity. Food served is hygienically prepared and subsidized.

Conference Hall

Conference hall with latest facilities provides ample opportunity for our staff and students to exhibit their talents in different activities. It is fitted with state of art audio visual system.

Internet

200 Mbps dedicated leased line Internet facility is available to cater to the academic & research needs of the Campus.

The institution is completely Wi-Fi enabled.

The campus is under video surveillance with 142 cameras.

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

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

Response:**Cultural Activities**

Besides academic pursuit, we encourage students' to achieve all round personality development. The organization has an auditorium with a capacity of 1500 students for organising cultural programmes. College has one cultural society called Pallas Athena Cultural Society (PACS). PACS was established in the year 2003, it aims to encourage students' interest, participation and responsibility in the ingenious field through a medium of creative art and literary curriculum. The inventiveness is to provide social, cultural and recreational activities for the college community. The society members meet monthly and provide inspiration and opportunity to the students to work on individual and group activities. The students form and develop clubs that provide ample opportunities to inculcate leadership and managerial qualities. Clubs provide a learning experience for the members as students are responsible for the organizing, funding, public relations, regulating, and scheduling activities for these clubs under the direction of the faculty co-ordinator that organises various cultural events. PACS society impart good human values to them by organizing different types of cultural events like Fresher's Party, National Level Techno-cultural Fest, Food Festivals, Millet Festival, Flower Shows, Teej Festival etc. We try our best to provide opportunity to students which result in enhancement of the personal skills and experiences like confidence, self-presentation; teamwork and collaboration, time management and organizational skills, self-awareness, self-discipline, open-mindedness to move beyond boundaries and experiment with different ideas, communication skills, the ability to cope with criticism and learn from them resulting in a whole new developed, changed and an improved person. In Youth Festival Competitions organized by university and intercollege competitions the society plays a key role in guiding and nurturing students to achieve their best in non-technical activities. The organisation has good record of achievements made in various cultural activities.

Sports Activities**Sports and Games:**

The following Indoor and Outdoor facilities are available in Sports Complex.

Play Ground

Gymnasium

Basketball Court, Volleyball Court, Table Tennis Tables etc.

Tie-up with Sandhu Stadium for athletics, cricket and other sporting activities

Auditorium with a seating capacity of 1500

The students are encouraged to practice and participate in inter-collegiate, inter-university state level and national level competitions. The mega sports event **Annual Sports event** is conducted in the institute where several teams from across the departments participate.

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

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

Response: 60

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 36

File Description	Document
Institutional data in prescribed format	View Document

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

Response: 17.31

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

2020-21	2019-20	2018-19	2017-18	2016-17
260.7	181.16	307.98	222.85	258.00

File Description	Document
Upload Details of Expenditure , excluding salary during the last five years	View Document
Upload audited utilization statements	View Document
Upload any additional information	View Document

4.2 Library as a Learning Resource

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

Response:

The Central Library of Amritsar Group of Colleges is the heartthrob of the institute which is working

successfully on the road of development since its inception in the year 2002. The library houses in 650 sq. m. area and consists of an adequately rich collection of over 32108 books.

We have a digital library which is well equipped with 20 systems. The digital library helps the students to access 153 e-journals, 303 e-books and 409 other e-resources.

We have developed in-house Integrated Library Management System (ILMS) for automation of Library. It includes bar coding of books. All the books can be accessed through online public access catalogue.

The centre library has the following facilities.

- Centrally Air Conditioned
- Reading Rooms with 200 seats
- Competitive Exam Section
- Wi-Fi Facility
- Digital Library
- 9 cubical for research scholars
- Reprographic Facility

The following initiatives have been taken:

- Cubicals in the central library have been set up

Wall of radiance in centre library

- Competitive Exam section has been set up
- User education programme is conducted for the fresher students
- Books Exhibition are organized in the campus and next has been planned in February 2022
- We are providing the indexing service to the students out of the available magazines & journals in the central library

- Total area of the library (in Sq. Mts.) **650 sq. mts**
- Total seating capacity **200**
- Working hours (on working days, on holidays, before examination days, during examination days, during vacation)
- Opening hours: 8:30 am to 12:00 midnight
- Circulation: 9:45 am to 4:00 pm
- Digital library: 9:30 am to 12:00 pm

Saturday

Library remains open from 9:00am to 5:00 pm

Sunday

During exams, Library remains open on every sunday from 9:00 am to 5:00 pm

Note: Library remains open on holiday except on 15 August, 26 January and 2 October.

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

4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Institutional data in prescribed format	View Document

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

Response: 8.04

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

2020-21	2019-20	2018-19	2017-18	2016-17
6.59	4.28	11.14	6.94	11.23

File Description	Document
Details of annual expenditure for purchase of and subscription to journals/e-journals during the last five years	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for

online access) during the last completed academic year

Response: 9.72

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

Response: 250

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

4.3 IT Infrastructure

4.3.1 Institution has an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities

Response:

Dedicated leased line Internet facility with a bandwidth of 200 Mbps is available to cater to the academic & research needs in the campus. The entire campus is Wi-Fi enabled. The activity in the institute are under video surveillance with 142 cameras.

Signages are placed at the major junctions in the institute that continuously displays information regarding any upcoming events, photographs of the completed events, campus news and awardee photographs.

In campus, faculty and students are also rapidly integrating connected devices into their work, using cyberoam facility(Cyberome UTM 300i). Faculty and student are provided with dedicated username for accessing internet facility in the campus.

DHCP Server Intel Xeon, 8GB, 1 TB (HP) is used for internet access (for providing IP addresses dynamically to client)

Windows Server standard-ML150 9th gen. is used for AGC LMS access.

Campus has 200 Mbps Internet facility to cater to the needs of students and staff.

File Description	Document
Upload any additional information	View Document

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

Response: 3:1

File Description	Document
Upload any additional information	View Document

4.3.3 Bandwidth of internet connection in the Institution.

Response: 750 MBPS

File Description	Document
Upload any additional information	View Document

4.3.4 Institution has the following Facilities for e-content development

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

Response: A. All of the above

File Description	Document
Upload Additional information	View Document
Institutional data in prescribed format	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 49.88

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during the last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
458.89	721.83	999.08	857.24	685.93

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document

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

Response:

Predefined procedures are available and executed within the institute for the maintenance of its physical equipment. Standard Operating Procedures are available for maintaining and utilizing physical, academic and support facilities.

Laboratories are well equipped and maintained regularly without disturbance to the academic schedules. The in-house maintenance and repairs are addressed by the respective department computer operators who are well qualified and trained.

Library updates its books repository on a yearly basis as per the changes in the curricula. Inputs from the students and faculty are collected in the prescribed format for books to be procured other than the syllabus. Library Committee discusses and approves the procurement of these books.

The gym and other equipment servicing is taken up as and when required under the supervision of the DPE. The playgrounds are made ready and kept up to the mark before the commencement of sports activities.

The academic requirement of computers is taken care and additional Nos. are also procured to enable the usage for the research and the project work. Stipulated procedures are documented and executed for the maintenance of the systems.

Many classrooms in the institute are ICT enabled. The devices are maintained on a regular basis. Department constantly monitors and keep up the usage of the systems. Additional ICT equipment is procured and kept ready for the replacement while the damaged one is sent for repair. This will enable smooth classroom delivery without causing disturbance to the lecture.

Sports and Games:

The following indoor and outdoor facilities are available:

- Play Ground
- Gymnasium
- Basketball Court
- Volleyball Court
- Table Tennis Tables

Tie-up with Sandhu Stadium for athletics, cricket and other sports activities

Auditorium with a seating capacity of 1500

The students are encouraged to practice and participate in inter-college, inter-university state level and national level competitions.

The mega sports Event **Annual Sports event** is conducted in the institute where several teams from across the departments participate.

File Description	Document
Upload any additional information	View Document

NAAC

Criterion 5 - Student Support and Progression

5.1 Student Support

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

Response: 9.91

5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
191	215	282	342	251

File Description

Document

upload self attested letter with the list of students sanctioned scholarships

[View Document](#)

Institutional data in prescribed format

[View Document](#)

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

Response: 10.74

5.1.2.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
362	303	139	251	329

File Description

Document

Number of students benefited by scholarships and freeships besides government schemes in last 5 years

[View Document](#)

Institutional data in prescribed format

[View Document](#)

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology

Response: A. All of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	View Document

5.1.4 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

Response: 10.37

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

2020-21	2019-20	2018-19	2017-18	2016-17
253	217	253	340	275

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

5.1.5 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases 1. Implementation of guidelines of statutory/regulatory bodies 2. Organisation wide awareness and undertakings on policies with zero tolerance 3. Mechanisms for submission of online/offline students' grievances 4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document

5.2 Student Progression

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

Response: 50.7

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

2020-21	2019-20	2018-19	2017-18	2016-17
412	402	399	380	294

File Description

Document

Upload any additional information

[View Document](#)

Details of student placement during the last five years

[View Document](#)

5.2.2 Percentage of student progression to higher education (previous graduating batch).

Response: 5.83

5.2.2.1 Number of outgoing student progressing to higher education.

Response: 36

File Description

Document

Upload supporting data for student/alumni

[View Document](#)

Details of student progression to higher education

[View Document](#)

Any additional information

[View Document](#)

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

Response: 3.41

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

2020-21	2019-20	2018-19	2017-18	2016-17
4	3	2	3	3

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

2020-21	2019-20	2018-19	2017-18	2016-17
111	98	76	85	71

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

5.3 Student Participation and Activities

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

Response: 42

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

2020-21	2019-20	2018-19	2017-18	2016-17
3	12	9	11	7

File Description	Document
Number of awards/medals for outstanding performance in sports/ cultural activities at inter-university / state / national / international level during the last five years	View Document

5.3.2 Presence of an active Student Council & representation of students on academic &

administrative bodies/committees of the institution**Response:**

The college believes in promoting inclusive practices for social justice and better stake holder relationships. The institute promotes value based education for inculcating social responsibility and ideal citizenship in students. For this the institution has necessary infrastructure and encourages active participation of the students in academic, social, cultural and leisure activities. College believes that for overall and holistic development, the participation of students and alumni plays a major role. Keeping this in view the college has a representation of students and alumni in specific cases as members in the following committees.

A Academic Committees

1. Board of Studies (BOS)
2. Library Committee
3. Departmental Societies
4. Internal Quality Assurance Cell (IQAC)
5. EDC students Committee
6. Placement Committee

B Non-Academic Committees

1. Discipline Committee
2. Sports Committee
3. Members of Pallas Athena Cultural Society (PACS)

File Description	Document
Upload any additional information	View Document

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year**Response: 6****5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
5	7	6	6	6

File Description	Document
Number of sports and cultural events / competitions organised per year	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Response:

ACET Alumni Association was inaugurated in May 2006.

ACET Alumni Association got itself registered in 2010 under the Societies Registration ACT (XXI of 1860) and as amended by Punjab Amendment Act 1957. The registered office of the Association is located at AGC (formely Amritsar College of Engineering & Technology), 12 km stone Amritsar–Jalandhar G.T. Road, Amritsar. Our Alumni are residing or working for the fulfillment of aims and objective of the association.

The Aims and Objectives:

- To promote and foster mutually beneficial interaction between the Alumni and the Alma Mater.
- To encourage the formation of chapters to increase the participation of Alumni.
- To help alumni achieve their professional goals by assisting them with job search & listing of job vacancies.
- To undertake activities of nation building including those of charitable nature.
- To foster linkages amongst the alumni and to promote personal and friendly relations through meetings and get-togethers among members of the Association.
- To facilitate and encourage alumni to contribute towards improvement in the status of the Institute in the areas pertaining to academic infrastructure, industry interactions and in any other area that the alumni and the Institute feel appropriate
- To exchange professional knowledge, organize conferences, seminars, workshops & training courses.
- To undertake all such lawful activities which are conducive to the attainment of the above objectives.
- To patronize the students of the institute in the matter of training and placement.
- To create and establish endowments to render assistance to students of the Institute through grants, scholarships and prizes or in any other area as deemed appropriate by the Association and the Institute.
- To collect, publish and distribute such information as may be useful to members of the Association.
- To raise or collect funds by subscriptions, contributions, donations, loan or by any other legal means for furtherance of the above objectives of the association.

File Description	Document
Any additional information	View Document

5.4.2 Alumni financial contribution during the last five years (in INR).**Response:** E. <2 Lakhs

NAAC

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Response:

Response:

The Institute's focus and core ideology is reflected in its Vision, Mission and Quality Policy as shown below:

VISION

To produce engineers and professionals with highest caliber by imparting technical education through innovative and analytical approach with an objective to create valuable resources for industry and society.

MISSION

- To provide latest infrastructure conducive to innovative learning.
- To establish centres of excellence to enhance academia industry partnership.
- Focus on specialized practical oriented teaching to develop analytical ability among students.
- To empower students with the required skills to encourage entrepreneurship and to enhance employability.

The governance of the institution is reflective from collective leadership into a center of academic excellence which while retaining its regional roots is able to encompass and articulate global concerns and the wider social imperatives. It seeks to achieve a wholesome synergy between academic practices, social empathy, cultural proclivities and co curricular responsibilities so that all stakeholders may benefit and students particularly, may develop to their fullest potential.

PARTICIPATION OF THE TEACHERS IN THE DECISION MAKING BODIES OF THE INSTITUTION

Faculty is represented in all decision making bodies of the institute namely; Academic Council, Board of Studies, IQAC etc. While all the HODs and some of the faculty are members of the IQAC, all the faculty in the department is represented in their respective BOS. Most of the faculty members are also members of various other committees viz., Anti Ragging, Grievances Redressal, Industry-Institute Interface etc., which have been constituted with specific functions and responsibilities. While the minutes of the meetings of the BOS are recorded and circulated to the concerned.

Weekly meeting of the Managing Director, Principal, Dean and heads is conducted on every tuesday at 11

am. Further more the heads conducts meeting with their staff to communicate the decisions of the weekly meeting. These meetings are vital to communicate all sorts of information and decisions.

Representation of the faculty in all the committees or Quality Assurance Cell is indicative of their participation in the decision making bodies of the Institution.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

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

Response:

Institute has many committees with different roles for effective implementation of the various academic and non-academic matters. The case study pertaining to College Academic Committee - **Teaching Learning Process** is mentioned here under to demonstrate decentralization and participative management.

- The Chairman & the members of the managing committee are intellectuals, educated and learned personalities. With their influential guidance, the management has accomplished its task of building up a good teaching-learning processes. The management of the institution is highly responsive towards the indispensable needs and aspirations of the faculty and students.
- Weekly meeting of the Managing Director, Principal, Dean and heads is conducted on every tuesday at 11 am. This Committee meets to discuss various academic and non-academic matters which include introduction of courses, reforms in examination and assessment etc.
- The Head of the Department at program level is responsible for assigning the courses to the faculty in the department based on the expertise and need. While one of the courses is assigned by the HOD, the other course is left to the choice of the faculty. HODs also ensure that the academic calendar is followed and academic discipline is maintained at all levels in the delivery of course content, conduct of examinations, assessment etc. The HOD as chairman of BOS also discusses introduction of new courses, revision of content and syllabus of a particular course based on recent developments and requirements with the faculty. Any of the changes in the courses including revision and introduction of new courses are then put to the BOS of the respective programme which includes experts and resource persons from Academia, Industry, Alumni etc., for discussion and approval.
- At the class room level, one of the teaching faculty members is designated as a Class Coordinator. The class co-coordinator is responsible for monitoring the academic needs of the students .
- The Mentor Program is in implementation at the college level for all the students. 20 students are assigned to each faculty member. These Mentors interact with the students and parents and address all their academic and personal needs for an overall development.
- In order to assess the faculty performance and continuous improvement in the teaching learning process, feedback is taken twice in a semester from the students. This feedback is collected through

AGC LMS in onlin mode. Feedback process is confidetail and unbiased and solely based on students' observations.

The institution otherwise has decentralized and transparent mechanism in management, administration, financial and academic affairs.

The smooth functioning is been accomplished with the support of Deans and Deputy Registrar

Dean Academics

Dean Students' Affairs

Dean Placements

Dean Admissions

Deputy Registrar Secrecy

Complete coordinaton at departmental level is being taken by the coordinators. Apart from academics,individual coordinators have been appointed to look after various concerns such as:

- Secrecy Coordinator(concerned with all the conduct of the examinations)
- ERP Coordinator
- Placement Coordinator(for scrutinizing and providing job opportunities to the students as per their caliber working in liason with the placement cell which is at the central level inturn been coordinated at each departmental level)
- Internship Coordinator(for arranging students' internship programmes working in liason with the placement cell which is at the central level)
- Scholarship Coordinator (looking after the PMSS cases admitted in the college)
- Sports Coordinator
- Department Society coordinator

File Description	Document
Any additional informatiom	View Document
Link for strategic plan and deployment documents on the website	View Document
Link for additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The Institutional Strategic/Perspective plan is effectively deployed. With regard to it, the institute has constituted IQAC Cell. The strategic goals, functions and outcomes of this plan are given in detail as under:

ABOUT (IQAC) INTERNAL QUALITY ASSURANCE CELL

As per the guidelines of National Assessment and Accreditation Council (NAAC) Bangalore, the institute established an Internal Quality Assurance Cell (IQAC) in the campus. The motive of this IQAC is to plan, guide and monitor the Quality Enhancement (QE) and Quality Assurance (QA) activities of the institute.

STRATEGIC PLAN AND ITS EFFECTIVE DEPLOYMENT (IQAC)

• Vision of Establishing an IQAC

To ensure quality culture as the prime concern of AGC through institutionalizing and internalizing all the initiatives taken with internal and external support.

• IQAC Objectives of our Institute

1. To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of AGC.
2. To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practice.
3. Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
4. Relevant and quality academic/research programmes.
5. Equitable access to affordability of academic programmes for various sections of society.
6. Optimization and integration of modern methods of teaching and learning.
7. The credibility of assessment and evaluation process.
8. Ensuring the adequacy, maintenance and proper allocation of support structure.
9. Sharing of research findings and networking with other institutions.

• Effective Deployment/Outcomes of Quality (IQAC) Activities at AGC

1. Accreditations
2. AICTE Approval for professional courses
3. UGC Graded Autonomy status
4. Media Coverage to AGC Initiatives
5. Feedback from stakeholders
6. Curriculum for Applied Learning
7. Promoting Technology Enhanced Learning - MOOCs initiatives
8. Annual Quality Assurance Reports submission to NAAC

OTHER STRATEGIC PLANS AND ITS IMPLEMENTATION ARE GIVEN AS UNDER:

1. STRATEGIC PLAN-TEACHING AND LEARNING

It's Implementation

- Tracking of performance of individual student
- Providing best placement to the students
- Providing best placement opportunities to the students
- Full academic support
- Parent-Teacher meetings in which the academic progress of the students is communicated to their guardians
- Tracking students' attendance by keeping complete record of the same on college portal ERP also informing the parents
- Department conducting periodical Alumni Meets
- Improving students' score planning seminars, workshops, career counselling sessions, remedial measures, interdepartmental or/and inter-college exercises, departmental excursions and study tours
- Planning, preparing and publishing the departmental E-newsletter in consultation with departmental colleagues.

2. STRATEGIC PLAN-RESEARCH AND DEVELOPMENT

It's Implementation

- Encouraging faculty for book writing.
- Paper publication by faculty
- Patents and innovation by faculty
- Membership in regional and national committees by the faculty
- Faculty participation as resource person in seminars, webinars, guest lectures etc.
- Linking of research incentive with Awards/Prizes/ Honors

3. STRATEGIC PLAN-TECHNICAL EXHIBITION

It's Implementation

- Community engagement
- Parent teacher association
- Alumni association
- Rapport with local public and support to community through NSS/NCC/ student's chapter

4. STRATEGIC PLAN-INDUSTRY INTERACTION

ITS IMPLEMENTATION

- Periodic exchange/visit of faculty and industry professional
- Appointment of adjacent faculty from industry
- Organising joint seminar/workshop/special lectures
- Participation in evaluation of thesis and research topics

File Description	Document
Any additional information	View Document
Link for Strategic Plan and deployment documents on the website	View Document
Link for additional information	View Document

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

Response:

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

The institution was established in the year 2002. To begin with, the institute offered undergraduate programmes and looking at the necessity for technological growth of the country and the institution, post graduate programmes were also introduced. The college has different decision making bodies of the institute namely, Academic Council, Board of Studies, IQAC etc.

While the minutes of the meetings of the BOS are recorded and circulated to the concerned. The policies and procedures on academic matters are taken care of by an Academic Council. This consists of Managing Director, Principal, all Heads of the Departments, Representatives of Industry, and University Nominees as Members. An Academic Committee comprising of Principal and HODs meet regularly for effective implementation of the policies approved by the BOS. Each department in the institute is headed by a Head of the Department who in turn functions taking the guidance from Principal and Board of Studies which formulates the curriculum for the undergraduate and post graduate Programs. The Board of Studies is constituted for all the programs of study. The composition of Board of Studies has Head of the Department functioning as the Chairman. Support facilities are provided for smooth functioning of the institute by Finance, Administration, Learning Resource Centre, Computer Centre, Physical Education, Maintenance Cell (both Civil and Electrical) in addition to security services.

Various committees such as Anti-Ragging Committee, R&D Committee, Finance Committee, Purchase Committee, Professional Bodies Committee, Grievance committee, etc., have been constituted at the institute level involving faculty and students for smooth functioning of the institution. All these committees function under the overall guidance of the Principal. An Administrative Manual is in place for the employees of the institute. This manual details the duties and responsibilities of various categories of employees working in the institute, leave rules, code of conduct, qualifications for recruitment and scales of pay of various categories of employee and Promotion Policy etc. This manual displayed in the intranet of the institute for publicizing the rules and regulations.

Various other committees like mentoring and students grievance are constituted to review the grievances and suggests suitable remedial measures.

<https://agcamritsar.in/online-student-grievance.php>

COLLEGE ADMINISTRATIVE SET UP

The organization has a well-structured administrative setup with the Top Management as the highest decision making body and other functional bodies and committees.

ADMINISTRATIVE SET UP

<https://agcamritsar.in/leadership.php>

AGC TEAM

<https://agcamritsar.in/our-team.php>

The policies and procedures on academic matters are taken care of by an Academic Council. Each department in the institute is headed by a Head of the Department who in turn functions taking the guidance from Principal and Board of Studies which formulates the curriculum for the undergraduate and post graduate Programs. The Board of studies is constituted for all the programs of study.

LINK FOR INTERNAL QUALITY ASSURANCE <https://agcamritsar.in/IQAC-cell.php>

LINK FOR STUDENTS' GRIEVANCES <https://agcamritsar.in/online-student-grievance.php>

LINK FOR HOSTEL FACILITY <https://agcamritsar.in/hostel.php>

LINK FOR LIBRARY FACILITY <https://agcamritsar.in/library.php>

LINK FOR SPORTS FACILITY <https://agcamritsar.in/sports.php>

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

6.2.3 Implementation of e-governance in areas of operation

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

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	View Document
Institutional data in prescribed format	View Document
ERP (Enterprise Resource Planning) Document	View Document
Any additional information	View Document
Link for additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff and avenues for career development/ progression

Response:

Response:

Various monetary and non-monetary benefits/facilities are provided to them for professional and personal growth.

For Professional growth welfare schemes:

- Provision of Casual Leave, Medical Leave, Academic Leave(for attending conferences, FDP's and defending thesis).
- Registration fee, travel grants for teaching and non-teaching staff for attending various conferences, workshops and skill development courses.
- Laptops to the faculty was given.
- Support is provided for the faculty members to present technical papers in international conferences through international travel grant, and dearness allowances etc.
- Financial support is provided to the faculty for obtaining the patents in their relevant fields.
- Appreciation/Incentives for best research work.
- Support/incentive to the faculty on completion of MOOCs courses like NPTEL, Courses, edX, Udemy etc.
- Faculty is encouraged to take up consultancy activities by providing sharing of revenue in consultancy projects.
- Permission to faculty to deliver guest lectures at other institutes
- Visits to industry and higher learning institutes for knowledge acquisition / sharing
- Creating facilities to pursue research activities with modern facilities.
- Most of class rooms are equipped with projector to facilitate the faculty to use latest technology for delivering the lectures effectively.
- Advanced and licensed softwares are provided for enhancing the professional skill of the faculty.

Personal Welfare Measures:

- Gratuity for both teaching and non teaching staff as per service record.
- Medical leave, Extraordinary leave, for both teaching and non-teaching Staff.
- Maternity leave for women staff for 6 months (out of which 90 days with pay).
- Provision of free of accommodation and electricity in campus to the faculty and non-teaching staff.
- Provision of free transport facility for teaching and non-teaching staff.
- Contributory Provident Fund for teaching and non-teaching staff @ 12% of basic salary.
- Extension of ESI benefits to non-teaching staff @0.75% of basic salary.
- Provision of compensation of Rs. 2,00,000 to teaching staff and Rs.1,00,000 in case of any mishappening .
- Exemption of fee to the ward of faculty and staff studying in the college.
- Festival advance for non-teaching staff.
- First Aid boxes are avaibale in the workshops/laboratories where moving machinery is installed.
- College dispensary is available for medical care and firs- aid. The college has tie-ups with 10 hospitals of the city wherein concessional treatment is available for staff and students.
- Institute vehicle is available 24X7 in the college campus for emergency services.
- Sports, Gym and Yoga facilities are available.
- ATM facility is available at the entrance of the college. .
- Women grievance cell to address the issues faced by female staff.
- Women empowerment cell is organising guest lectures, seminars, workshops etc. for boosting women strength.
- Separate canteen for faculty and staff.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

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

Response: 2.86

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	15	7	3	1

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

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

Response: 33

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

2020-21	2019-20	2018-19	2017-18	2016-17
45	45	22	22	31

File Description	Document
Reports of Academic Staff College or similar centers	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 76.78

6.3.4.1 Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
431	240	13	27	10

File Description	Document
IQAC report summary	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Financial planning serves as the main tool for setting up an organization's goals, moving along with the objectives of the institution taking into consideration its financial requirements. It also supports the action plan of the organization. For this purpose, the institution plans and accumulates the right amount of funds by gathering the inputs and requirements from its associated departments.

1. Internal and external audits are being done regularly. The internal audit is done monthly and external audit is done on yearly basis.
2. The Institution has appointed an internal audit team within the organization to cover regular review and vouching of day to day transactions and gives its expert views on each voucher.
3. The internal audit of college is conducted by the competent authority appointed by managing committee.
4. The team conducts audit as per their programme at regular intervals.
5. This process is used to assess an organization's performance or the execution of a process against a number of standards, policies, metrics or regulations.
6. This audit includes examining internal controls around accounting, financial reporting and IT general controls.
7. Audit team examines validity and reliability of financial, accounting and other data and reports.
8. External Auditors have been appointed by the institution as per the statutory requirement.
9. The External Auditor conducts audit in accordance with the Generally Accepted Accounting Policies/ Principles.
10. Internal audit is conducted by the management periodically.
11. External audit is conducted by Chartered Accountant who along with his team conducts audit.

File Description	Document
Any additional information	View Document

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

Response: 9.75

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	9.75	0	0	0

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

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

Response:

Mobilisation of Funds:

The main financial resource for the institute is by way of tuition fee. College has a Resource Mobilization Committee which collects data and informs the faculty about the various schemes of state/ centre government/or other funding agencies. Faculty gets grants from different organizations. Faculty is involved in Consultancy projects. Due to these efforts institute has got grants under:

(a) Internal Resources

Prime internal resource mobilization is through collection of fee that consists of:

- Academic Fee
- Hostel Fee
- Transport Fee
- Interest on FDRs

Fees is collected from the students twice a year (semester wise). Collected fees is pooled in interest bearing savings bank accounts and to ensure optimal balances in the accounts auto-sweep facility is availed.

(b) External Sources

In addition, other sources of funds are:

- Training and Consultancy
- Research Project Grants
- Sponsorships

- Training and Consultancy fees consisting of funds generated from Govt, individuals and business entities are received to conduct research and impart knowledge on emerging technologies.
- Providing University ICT facilities for conducting entrance test and other academic activities to external agencies.

Other external sources of funds are borrowings from the banks. Bank Borrowings are primarily term loans required to create and supplement infrastructure for academic and administrative functions. Such borrowings are arranged considering the future expansion plans of the college.

Optimal Utilization of financial resources: Optimal use of financial resources is ensured through strict budgetary control on expenditure as per available provisions. Also pre-audit is used to ensure only relevant expenditure is incurred.

The Optimization is also achieved by making all purchases through a central purchase committee, which calls for quotations and tenders depending on the amount involved and total transparency is ensured. In fact, optimization is done in all expenditure activities of the college like:

Infrastructure: The infrastructure is planned before hand and only required number of buildings are constructed. This exercise includes Academic Buildings, Library, Hostels, Administrative Block etc.

Campus Development: Campus development includes construction of roads, providing electricity, water, laying/renovating sewerage lines, plantation, and development of the land etc.

Apart from the above the financial resources are utilized for providing the following facilities:

1. **Staff:** Need based financial assistance under this head is given to the staff from ISR fund of the university.
2. **Central Library:** It is need based funding for Books and Journals.
3. **Equipment:** It is need based equipment for laboratories, special office equipments and modern teaching aids like Multimedia Projectors etc.
4. **Student Amenities:** Such facilities include canteen, safe drinking water, recreation rooms, common rooms, counseling centres etc.

File Description	Document
Any additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes visible in terms of – Incremental improvements made for the preceding five years with regard to quality (in case of first cycle) Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)

Response:

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

Response:

IQAC systematize and channelize the AGC's measures and efforts towards academic excellence.

The quality parameters for various aspects of the institution are listed below:

- Admission Quality
- Placement Quality
- Admissions for Higher Studies
- Feedback Analysis
- Result Analysis
- Attendance Monitoring
- Alumni Profile
- Workshops /seminars /Conferences organized/ participated
- Awards and recognition to faculty
- Faculty Guiding Ph.Ds
- Remedial Coaching
- Encouragement towards Research
- Auditing of Accounts
- Obtaining Autonomy from UGC
- Accreditation by NBA
- Biometric Attendance for Teaching and Non-teaching staff
- Participation in NIRF Ranking Process.

The following initiatives have been taken up after the formation of IQAC Cell while continuing the above:

- Outcome based education.
- Course Outcomes and their refinement.
- Introduction of open electives and increase in number of professional electives.
- Continues enrichment of Teaching and Learning Process
- Implementation of Induction Program as per model curriculum of AICTE in 2018
- Student Mentorship Program (SMP) for closely monitoring the professional & personal development of students and studying at ACET.
- Feedback from stakeholders
- Promoting Technology Enhanced Learning - MOOCs initiatives
- Remedial Classes for weak students to improve their academics
- Tutorials
- Video lectures to enlighten the students.
- Centres of excellence are established to promote research in specific areas.

Two of the above practices are described as follows:

1. Continuous Enrichment of Teaching and Learning Process

After becoming an autonomous institute in 2014, greater importance was given to continuous enrichment of teaching learning process through addition of interdisciplinary & other courses pertaining to current technologies in curriculum as department electives / open electives.

The practices

- Implementation of MOOCs, E-learning concepts in multimedia equipped classrooms.
- Additional focus for slow learners.
- Involvement of experts from industries and other reputed organizations for additional study sessions in and off the classrooms by organizing special / guest talks.
- Verbal counselling of students having poor academic performance by Head of Department, Dean Academic Affairs and Principal.
- Updation of curriculum structure of various programs by addition of courses of current industrial use.
- Annual purchase of high end equipment and software for the development of laboratories.
- Organizing Internal Academic quality audits for auditing the quality of question paper setting
- IKGPTU Rationalization Committee Visiting and Auditing to monitor the assessment and evaluation of students during the semester. **Student Mentorship Program (SMP) for closely monitoring the professional & personal development of students and studying at AGC.**

SMP has been initiated by assuming and analyzing certain issues of the students such as issues like communication skills and understanding subjects pertaining to their specialization as students normally have less exposure to these qualities at schooling. Following are few points about SMP is practiced at AGC:

- Our students are briefed about SMP program at the induction program.
- By pairing faculty mentors with mentee students over the course & with scheduled meeting in a comfortable environment.
- A faculty member work as a mentor for a group of 20 students for counselling and better performance of students.
- Opportunity is given to students to talk about their academic needs, share their goals, and discuss concerns and needs.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

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

Response:

Teaching Learning Process

The institution reviews its teaching learning processes, structure and methodologies of operations and learning outcomes at periodic intervals through Academic Departments. The IQAC is responsible for developing, coordinating and monitoring academic assessment activities to effect improvement in student learning. All the heads of the departments, deans and nominated teachers are members of the Institute Academic Committee and is chaired by the head, IQAC. The Academic Committee reviews and points out the different gaps in the Teaching Learning Process.

The gaps are :

- Skill development courses such as Communication Skills, Soft Skills and Technical Skills
- Entrepreneurship Development Cell
- Certification courses for students and faculty
- MOOCs courses certification.
- Industry-academia gap

The above gaps are filled through introducing new subjects such as Skill Development Course for improving the communication skills and soft skills for enhancement of placements of students, initially as value added courses and later on as credit courses.

EDC assists all the aspirants for their start up ideas into a real business. Aspiring engineering entrepreneurs are groomed with the necessary inputs on how to be a successful entrepreneur through workshops and seminars by eminent people from the industry.

At EDC, the students are encouraged to consider self-employment as a career option, providing necessary training. The cell also organizes different activities and events frequently to train and motivate the students on entrepreneurship.

Endorsement of specialized labs such as Big Data Analytics and Cyber Security and Cyber Forensics.

Green-Belt Certification in Six Sigma in collaboration with QCFI, Haridwar, HAINA Certification.

AGC is a premier learning centre running software like JCP, OCA and OCP in collaboration with SUN MICROSYSTEMS and ORACLE respectively.

Students are required to obtain a certification before completion of the course from leading agencies such as NPTEL, Course era etc. as per their choice. Faculty is also advised to undertake a certification course in each semester through leading agencies such as NPTEL, Course era etc. which will reinforce the lifelong learning skills.

Structures & Methodologies of operations

- All the faculty members prepare an Instruction plan well in advance before the commencement of class work for the courses.
- Feedback is collected twice in a semester. It is communicated to Faculty and Heads of the Departments and necessary measures are taken.
- Every faculty member maintains course file for each course being taught.

- Class Review Committee meetings are held with students to know the progress of course coverage, pedagogy practices and efficacy of the teaching learning process.
- The Lecture Record of all the faculty members is reviewed to ensure uniform coverage of syllabus as per instruction Plan.
- The internal question papers are audited regularly in the department.
- Course end feedback is collected from all the students on the content, coverage and evaluation of answer scripts for each course.
- Attendance registers are maintained with day-to-day outcome mapping and the delivery mechanism.
- Result analysis is done for every semester.

The institute switched over to outcome based education and prepared course outcomes, program outcomes and program specific outcomes for all the programs. The programs got accredited under outcome based approach.

Course end feedback and program exit feedback are collected from the students so as to improve upon the course content, its delivery mechanism and evaluation system.

Alumni feedback has helped in refinement of curriculum.

Institute is accredited with NAAC “A” grade and 04 UG courses are accredited by NBA twice (2009-2012 and 2016-2018).

File Description	Document
Any additional information	View Document
Link for additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements
2. Collaborative quality initiatives with other institution(s)
3. Participation in NIRF
4. Any other quality audit recognized by state, national or international agencies (ISO Certification)

Response: All of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Paste web link of Annual reports of Institution	View Document
Link for additional information	View Document

NAAC

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

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

Response:

Gender Equity and Sensitization

Amritsar Group of Colleges (AGC) possesses a privileged right to promote higher education and to ensure women's empowerment through gender equity in education. The Principle of Gender Equality is enshrined in the Indian Constitution in its Preamble, Fundamental Rights, Fundamental Duties, and Directive Principles. The Constitution not only grants Equality to Women, but equal access to Participation and decision-making of women in the social, political and economic life of the nation has also always been the prime area of concern by AGC. From time to time seminars, workshops, and expert talks, offering key roles in institutional growth have always been initiated by the Institute. May it have been the subjects of 'Role of Education to attain Gender Equality,' 'Women Economic Power', 'Women's Position in Male-Dominated Society,' or the concepts of 'Women Empowerment, AGC Amritsar has always been the front runner.

Female employees also get maternity leave. Students apprised of the gender issues during the Orientation/Self Induction Program held for newly admitted students each year.

Central physical workout facility provided for students in girls & boys hostel. Indoor & outdoor games for Men & Women students and staff were held on various occasions. Separate hostels for boys and girls students exist on the campus. The behavior of students is monitored under a set of well-defined rules under the guidance of wardens. All student and staff compulsory were their ID cards at all times on the campus thus ensuring nonentry of any outsiders also unauthorized persons.

Institute has taken several measures to enhance safety & security on campuses by constituting Internal Grievance Cell, installing CCTV cameras & providing round-the-clock security. The women security guards are also available at Girls' hostels. This system ensures that all female staff, students can move freely on the campus and feel assured that they are secure at all times in the campus. Glass pane at eye level has been installed on the doors of faculty rooms & offices. The faculty has been directed to keep the door of the lecture hall open during classes. A medical center with qualified doctors and nursing staff is available on campus to provide medical care to the students, Specialists are also invited to visit the campus as and when necessary, nursing and other staff are available 24 hours with emergency medicines and ambulance.

Institute also organized training programs, seminars, workshops, etc. on gender equity and sensitization.

- Annual Gender Sensitization Action Plan
- **Specific facilities provided for women in terms of:**
 - a. Safety and Security
 - b. Girls Hostel

- c. Common Rooms
- d. Dispensary

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

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

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

Response: C. 2 of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document

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

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

Response:

AGC facilitates several techniques for the management of degradable and non-degradable waste. The primary focus is to reduce, reuse and recycle the waste. The management has also advised refusing

anything which is not needed. The Institute has different dustbins to segregate the different waste like solid and liquid etc. Every day the waste is collected in bins and disposed to a place where it can be converted into manure.

In addition to this, the Institute has organized many workshops on the implementation of these techniques effectively. Training programs are conducted from time to time about the methodology of disposing of the waste. It was stressed that we should avoid plastic items to the best possible capacity.

For solid waste management, different bins have been placed in different departments. This ensures that solid waste is segregated at the source. It is also ensured that the recycling of all these components is done with minimum cost and labor. Suitable techniques are applied for disposing of solid waste. The garbage generated is preferably treated at the site of generation.

For biomedical waste, there is a classification of the waste as hazardous and non-hazardous or infectious and other hazardous. The waste like plastic disposables, liquid waste, and other things are again segregated then collected and kept in storage then transported, and finally sent for the treatment of the disposal.

For personal protection, it has been advised to use masks while handling the waste. Moreover, wearing headgears, eye covers, apron, gloves, and boots as they help in fighting the transmission of infection.

The Institute has organized Swach Bharat Mission. Under this banner, the utility of recycling solid waste has been elaborated. People from different aspects of life delivered their talks about the proper usage of waste.

Waste recycling involves the collection of waste materials and the segregation of waste materials. The Institute has set up a recycling program to meet the need of recycling the waste. The Institute is trying to get in touch with the top-level administration and their support to ensure that the waste is properly recycled. Moreover, the Institute is also looking for possible substitutes to deduce the waste to the best possible extent.

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Geotagged photographs of the facilities	View Document
Any other relevant information	View Document

7.1.4 Water conservation facilities available in the Institution:

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

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document
Link for any additional information	View Document

7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

Response: Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

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

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

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

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

Response: D.1 of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document

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

Response:

The institute is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education, economic upliftment of the needy, and set communal harmony. The institute also organizes various cultural programs to celebrate the cultural diversity of India. Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances. These cultural events are organized at different levels- departments, hostels, and on different occasions like Independence Day, Republic Day etc. Apart from the annual cultural event, students also conduct cultural and sports events to cater to linguistic diversity, all students related competitions like Essay Writing, Debate, Declamations etc. are organized.

The various departments of the Institute conduct seminars, workshops, and outreach programs to promote communal harmony and tolerance. Various activities like Painting Greeting Cards for Jawans, Freedom Run, Slogan Writing Competition, Essay Writing Competition, Patriotic Song Singing Competition, Lectures by Eminent Personalities, and Mass recitation of National Anthem by all students are exercised and performed.

Amritsar Group of Colleges, under the Ministry of HRD-adopted 2 villages near Manawala, Amritsar region to conduct activities for their socio-economic development. Institute has conducted lectures in these

villages for increasing their environmental and ethical awareness. Institute has also planted various plants in these villages to promote a healthy environment.

Institute also organizes extension activities in schools as a part of Education Social Responsibility. The extension activities are targeted towards enabling a holistic environment for student development.

Classes for children of workers were conducted by engineering students to educate them. The scholarship is also provided to eligible students.

Blood donation camp is annually organized at AGC in association with the Rotary Club of Amritsar, where students, faculty, and staff contributed voluntarily by donating blood for the noble cause of serving society and proudly adorning the badge of a blood donor.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document
Any other relevant information	View Document

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

Response:

India, as a country, includes individuals with different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race and gender. AGC undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligations i.e. values, rights, duties and responsibilities of citizens through celebrations of Republic day, Independence Day, Workshops/ Seminars/ Expert Talks on Universal Human Values and Professional Ethics. Students are made to participate in competitions on Essay Writing, Declamation Contest and Debates etc. to create awareness among them in this area.

On all important occasions and functions, National Anthem is played to inculcate the feelings of respect for our nation, its constitution. On Independence Day and Republic Day Flag hoisting ceremony with National anthem and oath of national integrity is the regular decorum of the institute.

'JAL DIWAS' is celebrated and pledge is taken by all at Institute level in order to develop the sense of responsibility towards saving water for ourselves and for the generation to come. 'Akandh Path' and 'Havan Yagya' are also solemnized in the campus to inculcate communal harmony among AGCians. For the protection of the environment and awareness in this regard, plantation drives are initiated every semester. Birthdays of National Heroes like Mahatama Gandhi, Bhagat Singh and many more are celebrated in order to teach the spirit of patriotism. Different activities like Debate, Quiz, Essay Writing and Sketching Competitions are organized to celebrate the special days. Movies which teach national spirit are collectively shown to all faculty members. Tournaments which develop team spirit and coordination

are arranged time to time in the campus.

The college establishes the policies that reflect core values. Code of conduct is prepared for students and staff and everyone is supposed to abide by these code of conducts. In order to develop Harmony among the students of various cultures and regions of India and abroad, Community Lunch is organised. The entire event of this Community Lunch is organised and planned by the students themselves.

Apart from this, for developing a sense of social responsibility towards helping the disabled, physically challenged and orphans through visits of students to Pingalwara. 'Imandari ki Dukan' a novel initiative to develop a sense of honesty and integrity among all at AGC has also been undertaken by the Institute.

File Description	Document
• Details of activities that inculcate values; necessary to render students in to responsible citizens	View Document
Any other relevant information	View Document

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

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

Response: B. 3 of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

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

Response:

AGC believes in celebrating events and festivals in college. It is an integral part of learning and building a

strong cultural belief in a student. The events and festivals organized at college are often celebrated with great pomp and gaiety. Our college celebrates National and International days enthusiastically every year. All staff members and students gather in the college to celebrate these days. Every culture has a number of festivals and celebration has become a vital activity. Celebration of cultural and constitutional festivals is an integral part of the college's co-curricular activities. Throughout the session, different days are celebrated by students with the guidance of teachers which helps them to know about different cultures and to cognitively imagine India as a nation. The academic calendar is brimming with important events which show the enthusiasm of this institution in celebrating many national as well as international days and commemorative events and festivals. Republic day is celebrated every year on 26th January in the college with great enthusiasm and pride. It is a day to remember when India's constitution came into force on 26 January 1950 completing the country's transition toward becoming an independent republic. A function is organized on the college campus where all staff members and students share their thoughts about the importance of this day in the history of our nation and pay tribute to all freedom fighters who sacrificed their lives in order to gain freedom for India. Independence Day is also celebrated on 15th August in the college with great enthusiasm. It is celebrated on 15th August commemorating the nation's independence from the United Kingdom on 15th August 1947. It is a day when all staff members and students pay homage to their leaders and those who fought for India's freedom in the past.

Besides these two national days, a number of other national and international days are also celebrated in our institution so that students get knowledge about the great personalities in our political, social, cultural, and scientific history such as Mahatma Gandhi, Sardar Vallabhbhai Patel etc. International Women's day is also celebrated in our college on 8th March every year.

Therefore our college celebrates & organizes the birth anniversaries of national heroes and important days. Every year, we celebrated various days like World Environment Day, International Yoga Day, Independence Day, Republic Day, International Women's Day, National Science Day. We also celebrated the Birth Anniversaries of Dr. Sarvapalli Radhakhishnan, Engineer Day, Mahatma Gandhi Birthday, and Children's day. The college also believes that education will allow the students to bloom, blossom giving them the right platform where they will work towards becoming responsible citizens.

File Description	Document
Geotagged photographs of some of the events	View Document
Any other relevant information	View Document
Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

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

Response:

Orientation Programme: Initiated by the All India Council for Technical Education under the aegis of the

Ministry of Human Resource Development, Orientation is a chance for students to learn how things work at their new place and meet other students as well as faculty and staff members. Orientation is also a chance for the college to start getting to know its students. As per the guidelines of AICTE, New Delhi about Student Induction Program, Amritsar Group of Colleges every year offers a very good orientation program to help students by conducting orientation sessions. We invite parents, guardians and supporters to participate in orientation programme. Family members may also attend the same programme along with their wards. Even in the pandemic, orientation programs were arranged in online mode. Whatever the format — virtual or in-person on campus — all orientation programs aim to provide students and families with a sense of belongingness. Students become more comfortable with the campus, learn about college policies and expectations and start connecting with key people. It's a valuable experience.

One Student-One Plant Program/ Student Mentorship Program: To create- green cover, eco-friendly atmosphere, pure oxygen at the campus, the plantation program is organized at Amritsar Group of Colleges, Amritsar every year involving all students, administration, and all departments faculty members. For green and healthy environment, we have started a campaign 'One Student, One Plant'. Under this campaign, each student has to plant one tree on their campus during his /her stay in the Institute.

File Description	Document
Best practices in the Institutional web site	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Amritsar Group of Colleges, Amritsar is a self-financed, quality-conscious, and trend-setting Institute with a focus on providing equal opportunities for the development of human potentials for every segment of society. The Institute is situated in the border belt of the state of Punjab over about 10.5 acres of land and has the best infrastructure and academic facilities with highly qualified and experienced staff.

The Vision of this Institute is to "Produce Engineers with the highest caliber by imparting technical education through an innovative and analytical approach with an objective to create valuable resources for industry and society". The measures of the successful implementation of the teaching-learning process and realization of our vision ultimately can be monitored by evaluating the successful outcomes of the graduates in terms of their placements, higher education, or pursuing entrepreneurship. In this direction, this institute not only imparts excellence in technical knowledge but also supports the students at various levels during their graduation to enhance their soft and professional skills.

Institute has a Student Mentorship Program (SMP) under which 20-30 students are assigned to a faculty

member right at the time of admission, who would be monitoring students' performance during the complete course of the student.

Special attention has been given to the development of the Communication Skills of the students. Professional English and Aptitude Courses have been introduced to improve the communication skills of the students and aptitude for their better placements.

To build confidence in the students, various societies and chapters were established in the college like the Students Chapter of Indian Society for Technical Education (ISTE), Chapter of Society for Automotive Engineers (SAE) etc. These societies were primarily focused on organizing various activities like debates, declamations, quizzes, paper presentations, extempore etc. The events under these societies are organized by the students under the guidance of Faculty Advisor(s).

The Institute has a National Service Scheme unit in its campus which organizes activities to address such social problems as prevention of female feticide, drug deaddiction, general hygiene and cleanliness etc., thereby giving the student members a connection with their community and also bridging the gap between the urban and the rural.

All these efforts are made to enhance the overall personality of the students in addition to their academic learning.

File Description	Document
Any other relevant information	View Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

Amritsar Group of Colleges provides higher education to students in the Northern region of India. The college has witnessed a meteoric rise in the number of students seeking admission in the different courses offered by it. The dedication, commitment and loyalty of the staff, along with the enthusiasm and achievements of the students over the years have contributed largely to bring our college to its present position. The main focus of college activities remains the empowerment of students and inculcation of self-worth and responsibility. This is the guiding principle that drives its academic and extra-curricular activities.

Concluding Remarks :

A brief summary of all the criteria(s) of the Self Study Report alongwith SWOC analysis and all the other necessary details for NAAC Accreditation of Amritsar Group of Colleges is attached.