



Yearly Status Report - 2014-2015

Part A

Data of the Institution

1. Name of the Institution		GURU NANAK DEV ENGINEERING COLLEGE
Name of the head of the Institution		Manohar Singh Saini
Designation		Director
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		0161-2502700
Mobile no.		9855400448
Registered Email		director@gndec.ac.in
Alternate Email		ramandeep.pta@gmail.com
Address		Gill Park Gill Road Ludhiana
City/Town		Ludhiana
State/UT		Punjab
Pincode		141006
2. Institutional Status		

Autonomous Status (Provide date of Conformant of Autonomous Status)	17-Aug-2012																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	Self financed and grant-in-aid																		
Name of the IQAC co-ordinator/Director	Manohar Singh Saini																		
Phone no/Alternate Phone no.	01612502700																		
Mobile no.	9914425025																		
Registered Email	director@gndec.ac.in																		
Alternate Email	ramandeep.pta@gmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://gndec.ac.in/sites/default/files/AQAR%20FOR%202014-15.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://gndec.ac.in/sites/default/files/Academic%20Calendar%202014-15.pdf																		
5. Accreditation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accreditation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.10</td> <td>2015</td> <td>01-May-2015</td> <td>30-Apr-2020</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity		Period From	Period To	1	A	3.10	2015	01-May-2015	30-Apr-2020
Cycle	Grade	CGPA	Year of Accreditation	Validity															
				Period From	Period To														
1	A	3.10	2015	01-May-2015	30-Apr-2020														
6. Date of Establishment of IQAC			18-Aug-2011																
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC		Date & Duration		Number of participants/ beneficiaries															
FDP on Recent Computing		07-Jul-2014		35															

Paradigms

5

[View File](#)

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institutional	TEQIP II	MHRD	2015 1500	100000000

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

No

Upload latest notification of formation of IQAC

No Files Uploaded !!!

10. Number of IQAC meetings held during the year :

1

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

No

Upload the minutes of meeting and action taken report

No Files Uploaded !!!

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

No

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

Upgradation of qualification of Faculty and Staff. EGovernance. Upgradation of class Online feedback of student Strengthening of EResource of learning

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

Plan of Action	Achivements/Outcomes
Organisation of various FDPs, STTPs, Conference	Organised FDPs
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
IQAC	08-Feb-2020
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2016
Date of Submission	28-Jan-2016
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	There is a MIS system for students attendance, examinations, fee deposit etc. which is college in build software. The address of which is www.exam.gndec.ac.in

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BE	CE, ME, EE, ECE, CSE, IT, PE	CE, ME, EE, ECE, PE, CSE, IT	02/12/2014
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BE	CE, ME, EE, ECE, CS, E, IT, PE	18/09/2014	CE, ME, ECE, EE, CSE, IT, PE	03/11/2014
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the

College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	CE, ME, EE, ECE, CSE, IT, PE	16/07/2014
Mtech	STRUCTURAL, ECE, POWER, CSE, GEO TECH, PRODUCTION, INDUSTRIAL	16/07/2014

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	CE, ME, EE, ECE, CSE, IT, PE	1703
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	No

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

Feedback Obtained
Online feedback for faculty appraisal given by students are obtained. Remedial action is taken accordingly. For weak students remedial classes are being arranged from time to time.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
Mtech	Str, EE, ECE, CSE, Industrial, Geo Tech,	209	300	189
MCA	Computer Applications	60	40	20
MBA	Business Admin	60	120	54
BE	CE, ME, EE, ECE, CS	999	3522	999

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2014	999	189	190	25	215

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
215	25	2	3	1	1
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

There is one mentor after 20 students. Mentor class is held once in a week. Mentor is like a local guardian of students

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3952	215	18

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
224	215	9	25	35

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2014	Harwinder Singh	Professor	ISTE
2014	Rupinder Singh	Professor	Punjab Academic of Science Fellowship
2014	Arvind Dhingra	Assistant Professor	ISTE
2015	Arvind Dhingra	Assistant Professor	ISTE
2015	Rupinder Singh	Professor	ISTE

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	CE,ME, EE,ECE,C SE,IT,PE	8	29/05/2015	14/06/2015

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	3952	0

2.6 – Student Performance and Learning Outcomes

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

<https://me.gndec.ac.in/?q=node/6>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
1	BE	Civil Engg	189	160	85
1	BE	CSE	189	165	87
1	BE	EE	110	69	62
1	BE	ECE	112	92	83
1	BE	IT	110	86	78
1	BE	Me	223	171	77
1	BE	Production	55	42	77
2	MBA	Business Adm inistration	50	42	84
2	MCA	Computer Applications	65	61	94

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2.7 – Student Satisfaction Survey

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

Not Conducted

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No

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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Harvinder Singh	UGC Research Award	19/12/2014	UGC
National	Harwinder Singh	Research Award	30/03/2015	UGC
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	365	AICTE	200000000	7284261
Major Projects	730	UGC	3190976	800000
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

No Data Entered/Not Applicable !!!

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
IPR	Production Engg	24/09/2014
IPR	Production Engg	18/03/2015
Industry Academy	Mechanical Engg	11/03/2015
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Total Productive Maintenance	Harwinder Singh	UGC	30/03/2015	Teacher
Heavy Testing Flexible	Harwinder Singh	UGC	15/12/2014	Teacher
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
STEP	STEP	DST	STEP	Entrepreneur	19/08/2014

ship

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Mechanical Engg	4
Production Engg	2
Civil Engg	2
ECE	1
CSE`	1
IT	1
EE	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	ME,CE,EE,ECE,IT,CSE,PE	22	0
International	CE,ME,EE,ECE,CSE,IT,PE	122	0.3

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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
CE,ME,EE,ECE,CSE,IT,PE	135

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
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No Data Entered/Not Applicable !!!

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	26	12	15
Presented papers	2	13	6	0
Resource persons	0	6	4	1

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
CE,ME,EE,ECE,CSE,IT,PE	Testing Consultancy	Industry, Govt. bodies	10300000

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No Data Entered/Not Applicable !!!				
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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
NSS	College	15	226
Camp Annual Training	3 PB Battalion NCC	2	96

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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NCC	Best Cadet, Annual Training Camp	NCC 3 PB	15

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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen	Name of the activity	Number of teachers	Number of students
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	cy/collaborating agency		participated in such activities	participated in such activities
Aids Awareness	NCC	During Camp	2	55
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research	Students of all branches	NIL	180
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Training	Industry Institute	GNDEC and G.S.Auto	19/08/2014	22/04/2015	4
No file uploaded.					

3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
NIT Jalandhar	12/02/2015	Training	2
No file uploaded.			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
226	92.78

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
e-granthalaya	Fully	3.0	2009

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	35739	7675843	0	0	35739	7675843
Reference Books	4032	111230	15	40000	4047	151230
e-Books	539	649531	0	0	539	649531
Journals	140	370115	0	0	140	370115
e-Journals	18753	3911518	0	0	18753	3911518
Digital Database	4	6489000	0	0	4	6489000
CD & Video	1244	0	0	0	1244	0
Library Automation	1	0	0	0	1	0

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr Hardeep Singh Rai	LCMS	College	20/08/2014

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1122	24	24	8	1	18	10	1000	0
Added	0	0	0	0	0	0	0	0	0
Total	1122	24	24	8	1	18	10	1000	0

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

1000 MBPS/ GBPS

4.3.3 – Facility for e-content

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

	recording facility
NIL	NIL

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
18.3	15.4	32	11.28

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

Describe policy details of systems and procedures for maintaining and utilizing physical, academic and support facilities on the website within a minimum of 500 word and maximum of 1000 words

The Institute runs under the aegis of Nankana Sahib Education Trust. The construction of new infrastructure and maintenance of existing infrastructure is carried out by the trust. The trust has designated officers and sufficient support staff for the overseeing the maintenance of buildings, class-rooms and laboratories. The maintenance departments maintain the physical infrastructure on the campus which includes both breakdown and preventive maintenance of facilities. All maintenance activities are reported to the concerned officer by the departmental head and the same is attended to as soon as possible. Depending on the job, the specialized contractor is hired to complete the job in time. Each department has its own staffs that include mechanics and technicians to maintain the lab equipments under the guidance of Lab Incharge who is a faculty in the program. Besides the College has also a Maintenance Cell, which maintains and repairs the buildings etc. In case of expertise help, outside agencies are hired time to time. Central Computer Centre (CCC) is responsible for the upkeep and maintenance of all IT related and electronic equipment including computers. CCC has on its role, a system analysts, programmers, technicians and instructors who are responsible for repair and maintenance of equipment and computers including network related issues. There are requisite supporting staffs to maintain the ICT systems in class rooms and laboratories. These staffs ensure that class rooms, laboratories and other academic areas are functional and well maintained. The Sports Section has full time Grounds men who maintain and clean the sports facilities and grounds. Dedicated Coaches are available for all major games who also look after the upkeep of equipment. To improve the physical ambience of the campus, several initiatives are taken from time to time. Some of these are: Periodic painting and white washing of building and labs Ground-men for maintaining grounds, lawns and upkeep of plants Tree plantation drives every semester by NSS wing of the institute Adequate Housekeeping staff for general cleaning and rest rooms Dustbins are placed at various places in the campus The infrastructure facilities, services and equipment are maintained periodically. There is a periodic maintenance plan for each activity such as painting, whitewashing. Dedicated staff including masons, plumbers, carpenters, electricians for maintenance of infrastructure. Workshop technicians for welding, furniture repairs in summer AMC's for critical equipment. Lab equipment is maintained by the dedicated technicians in the labs on a periodic basis during summer / winter vacations.

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
No Data Entered/Not Applicable !!!			
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft Skill Development	23/10/2014	55	College
Language Lab	26/08/2014	450	College
First International Yoga Day	21/06/2015	435	College and NCC
Personal Counselling and Mentoring-regular feature	22/10/2014	3200	College
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2014	GATE, TOFEL, GRE etc	21	19	12	283
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Mahindra Mahindra, TCS, Accenture	450	283	Same	450	283
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2015	52	CE,ME,EE,ECE ,CSE,IT,PE	Ce,ME,CSE,IT ,PE, ME	IIT, Abroad	Masters, Ph.D
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	21
GMAT	2
Civil Services	1
CAT	4
TOFEL	5
GRE	5
Any Other	2
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Cultural	College, University, Zonal	53
Sports Football, Cricket, Hockey,Athletic etc.	College, University, National	250
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2015	ISTE, Sports, Cultural	National	120	10	Students Roll Number	Name as per college roll
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

College creates a platform for the active participation of the students in the various academic administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. Its selection, constitution, activities: ? Each council has a representative council, which is called Class Committee and includes student members too. ? The student members bring forward the views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the class. ? The composition of student members is of one

topper, one average and one slow learner (the one who has more integrity with other students) of each section are nominated as class representatives, for all the sections from I Year to Final Year. ? The Student Council helps students share ideas, interests, and concerns with lecturers and principal. They often also help raise funds for -wide activities, including social events, community projects, helping people in need and college reform. ? Various programs like paper presentations, workshops and seminars are organized by these bodies every year.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni is always an effective role model and can be easily accepted by students. The involvement of alumni in supporting and providing contributions voluntarily to this Institution is maintaining and expanding its development. As we know, Every alumni gained versatile experience being a student to becoming a unique and different graduate, hence they have potential to contribute to the institution in different ways and scale. Society named Genco Alumni Association, No. 232 of 1999-2000, of Guru Nanak Dev Engineering college, Ludhiana has registered under the societies Registration Act. 1860 on 06-05-1999. Our alumni share their career experiences with our students whether in time management, financial management, development of self-discipline and character, or in career management and we found that their sayings are easily accepted by students. Through this way, they help in strengthening confidence, improve motivation and inculcate the right culture in line with what our Institution intends to convey to our students. Career mentor Job availability is more critical in certain sectors. In the final year of their studies, students must identify seriously their career prospects. So, our alumni encourage the students of our Institution, by mentoring them on their career opportunities in the industry and opening channels for the students for acceptance, either in undergoing practical learning or work experience in the institutions where the alumni reside in. Providing expertise Our Alumnis also contributes by providing their expertise, guest lecturer and share their industrial experience. They also help students by giving them internship in their respective companies. Improve student recruitment efforts Alumni time-to-time encourages students about our great Institution as the provider of higher education. Voluntary alumni are ambassadors as they involved actively in student recruitment efforts that are made by the faculties of the Institution. Increase efforts in collecting funds Alumni especially the more senior ones that are more stable from the economy perspective reduce the financial burden of the Institution for the betterment of the students. They give greater collection of funds every year enabling the establishment of scholarships, supporting students' activities, cultural programs, Research Development activity etc. Suggestions in Syllabus format Most of the alumni are board of studies member of various departments and contribute time to time in meetings of Syllabus forming. They give suggestions of addition/ deletion of various topics of various subjects. They contribute in syllabus drafting for both UG and PG courses.

5.4.2 – No. of registered Alumni:

4966

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

1600000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet organised in second week of November. Golden and Silver Jubilee are celebrated by respective batches.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

BOS to be strengthened after inclusion of experts of national repute by the concerned department. Adoption of CBCS in curriculum is in place

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Teaching and Learning	OBE was introduced. Awareness was created among faculty.
Curriculum Development	Syllabus are revised after a regular interval keeping in view the industry scenario
Library, ICT and Physical Infrastructure / Instrumentation	ICT was implemented in all the class-rooms

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

E-governance area	Details
Examination	Since 2012 onwards online examination portal is in placed.
Student Admission and Support	Students admissions was made online

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2015	Harwinder Singh, Rupinder Singh, Gurinder Singh Brar, Harvinder Singh etc.	Financial Support	IEI, ISTE, ORSI etc	200000
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme	Title of the administrative training programme	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
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	organised for teaching staff	organised for non-teaching staff				
2014	FDP on Recent Computing Paradigms	Teaching	07/07/2014	11/07/2014	50	0
2014	Training Lecture on Income Tax Returns	Teaching and Non teaching staff	09/07/2014	09/07/2014	0	200
2014	Training Lecture on Management of College Library in IT Scenario	Teaching and Non Teaching	24/07/2014	24/07/2014	5	15
2014	FDP on Nature Inspired Computational Techniques for Engineering and Sciences	Teaching	21/07/2014	25/07/2014	50	0
2014	FDP on Micro/Nano Manufacturing	Teaching	28/07/2014	01/08/2014	50	0
2014	STC on Latest Trends in Information and Communication Technologies	Teaching	04/10/2014	08/10/2014	50	0
2014	Workshop on Forensic Geotechnical Engineering	Teaching and Non Teaching	10/10/2014	10/10/2014	200	5
2014	4th IGS-Ferroc Terzaghi Oration (IFTO-2014)	Teaching and Non Teaching	11/10/2014	11/10/2014	200	5
2014	National Conference on Geotechnical Engi	Teaching	11/10/2014	12/10/2014	150	0

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
STC on Latest Trends in Information and Communication Technologies	27	04/10/2014	08/10/2014	5
FDP on Micro/Nano Manufacturing	16	28/07/2014	01/08/2014	5
FDP on Nature Inspired Computational Techniques for Engineering and Sciences	24	21/07/2014	25/07/2014	5
FDP on Recent Computing Paradigms	15	07/07/2014	11/07/2014	5

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
No Data Entered/Not Applicable !!!			

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
2	2	2

6.4 – Financial Management and Resource Mobilization

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

YES

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		

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6.4.3 – Total corpus fund generated

40000000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NBA	Yes	Internal Team
Administrative	Yes	NBA	Yes	Internal team

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

No Data Entered/Not Applicable !!!

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

It is in pipeline

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

Reference books have been enhanced. Improvement in service conditions

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women Empowerment	20/11/2014	20/11/2014	120	25
International Women Day	09/03/2015	09/03/2015	115	0

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

Percentage of power requirement of the University met by the renewable energy sources

3.4

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	1
Ramp/Rails	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
It is part of Curriculum.Its title is Human Values and Professional Ethics	01/07/2014	30/06/2015	850
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Environment awareness programme are organised for students as well as faculty from time to time Separate cell i.e Ground Gardening exists for protection of environment and keep the trees alive and green and to feed them with manure Solar system is in place in the form of street lights etc. Water harvesting system is in process No vehicle is allowed to enter in academic area
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7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Two way visibility of attendance Inclusion of Student in evaluation
Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://www.gndec.ac.in

7.3 – Institutional Distinctiveness

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

Rural strata is being strengthen by taking special initiatives i.e adoption of village
Provide the weblink of the institution

<http://www.gndec.ac.in>

8.Future Plans of Actions for Next Academic Year

Focus on research potential. Focus on CBS.Faculty will be sponsored to attend STTP, FDPs, Conferences etc.