YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution	**Dronacharya College of Engineering**
• Name of the Head of the institution	**Prof. (Dr.) Isha Malhotra**
• Designation	**Principal**
• Does the institution function from its own campus?	**Yes**
• Phone no./Alternate phone no.	**01242375502**
• Mobile No:	**9910380104**
• Registered e-mail	**principal@ggnindia.dronacharya.info**
• Alternate e-mail	**info@dronacharya.info**
• Address	**Khentawas,Farrukh Nagar**
• City/Town	**Gurugram**
• State/UT	**Haryana**
• Pin Code	**122506**

2.Institutional status

• Affiliated / Constitution Colleges	**Affiliated**
• Type of Institution	**Co-education**
• Location	**Rural**

- Financial Status   **Self-financing**

- Name of the Affiliating University   **Gurugram University, Gurugram, Haryana**

- Name of the IQAC Coordinator   **Dr. Neelam Bhardwaj**

- Phone No.   **01242375502**

- Alternate phone No.   **9810980730**

- Mobile   **9910380115**

- IQAC e-mail address   **iqac@ggnindia.dronacharya.info**

- Alternate e-mail address   **neelam.bhardwaj@ggnindia.dronacharya.info**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://ggnindia.dronacharya.info/Downloads/Admin/AQAR_2022-23_27122023.pdf

4.Whether Academic Calendar prepared during the year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://ggnindia.dronacharya.info/Downloads/Admin/Academic-Calendar-2023-24-DCE.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	7	2005	21/09/2005	20/09/2010
Cycle 2	B	2.92	2012	10/03/2012	09/03/2017
Cycle 3	B	2.41	2023	14/09/2023	13/09/2028

6.Date of Establishment of IQAC   **05/12/2005**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	Meri Matti Mera Desh	Regional Directorate of NSS, Ministry of Youth Affairs & Sports, Government of India, New Delhi	2023-24	127500
Institution	Veer Bal Diwas	Regional Directorate of NSS, Ministry of Youth Affairs & Sports, Government of India, New Delhi	2023-24	653000
Institution	National Youth Festival	Gurugram University	2023-24	800000

8.Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of IQAC

[View File](#)

9.No. of IQAC meetings held during the year

2

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?

Yes

- If No, please upload the minutes of the meeting(s) and Action Taken Report

[View File](#)

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?   No

- If yes, mention the amount

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

To get Department Level Accreditation by NBA To increase the placement percentage To increase the student's participation in National Level events like Hackathon etc. To increase the research publications by departments

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

Plan of Action	Achievements/Outcomes
Preparation for NAAC accreditation	Accredited by NAAC
Increase Placement	Placement percentage increased to 78%
Student's participation in National Level events like Hackathon etc.	Student participated in National level Hackathon and won first prize in Smart India Hackathon etc.
Applying for Outstanding Institution Award Category in NITTTR Chandigarh	Awarded as Outstanding Institution in Research Category by NITTTR Chandigarh

13.Whether the AQAR was placed before statutory body?   Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	14/12/2024

14.Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• Designation	Principal
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• Pin Code	122506
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• Location	Rural
• Financial Status	Self-financing
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• Name of the IQAC Coordinator	Dr. Neelam Bhardwaj
• Phone No.	01242375502
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• Mobile	9910380115
• IQAC e-mail address	iqac@ggnindia.dronacharya.info
• Alternate e-mail address	neelam.bhardwaj@ggnindia.dronacharya.info
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13.Whether the AQAR was placed before statutory body?	Yes
• Name of the statutory body	

Name	Date of meeting(s)
Governing Body	14/12/2024

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2023-24	**14/02/2025**

15.Multidisciplinary / interdisciplinary

Dronacharya College of Engineering is an affiliated institute of Gurugram University, Gurugram, Haryana. Curriculum provided the affiliating University is followed. Curriculum is blended with many multidisciplinary / interdisciplinary courses. Various courses that are provided as a field of study for its students include Computer Science Engineering, Electronics & Communication Engg.,Mechanical Engineering and Electrical & Electronics Engg. The engineering courses like Computer Science and Information Technology, Electronics and Computer Science Engineering, Robotics & Automation are a few engineering disciplines that college has introduced to follow an interdisciplinary approach. In addition to the text available in the books, students are motivated to enhance their skills by improving logical and critical thinking skills, soft skills and analytical learning skills. Students are also motivated to participate in various competitions, seminars, workshops to learn from what is mentioned in the text books. They are also given proper breaks for carrying research work activities.

16.Academic bank of credits (ABC):

Dronacharya College of Engineering is an affiliated institute of Gurugram University, Gurugram, Haryana. The institute is running regular programmes and courses in the curriculum scheme are delivered. In the direction of Academic Bank of Credits the guidelines issued by the affiliating university is being implemented by the institute.

17.Skill development:

Dronacharya College of Engineering ensures all inclusive learning. Efforts are laid upon to enhance the skills of the students. Various skill enhancement courses, workshops and seminars are conducted by the college for improving the overall personality of its students. These courses are designed in such a way that they help in improving skill levels of students invarious domains such as cognitive skills, analytical skills, employable skills, communication skills and critical and logical thinking skills. The students are also advised and motivated to participate in various intra and inter college level competitions. Skill development activities such as soft skill training, organizing various cultural and social activities such

as Yoga, dance and singing competitions, coding competitions/hackathons, ect. are also organized throughout the year. This helps in improving their inter-personal and technical skills. The college has inbuilt various clubs viz: sports club, cultural club, robotic club, technical language society and coding club. Students get the opportunity to organize and participate in the events conducted under these clubs to hone their skills. Various MoUs are also singed with government and several big organizations which provide free access to many digital learning platforms and pursue many certification courses. For refining the skills related to critical and analytical thinking,Institution has also developed an IIC which motivates the students to pursue activities related to innovation and research.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The preservation and promotion of India's cultural wealth must be considered a high priority for the country, as it is truly important for the nation's identity as well as for its Economy. In this regard appropriate integration of the Indian Knowledge system particularly teaching in Indian languages is important. Equal importance is given to Hindi language as well. Faculty members teach in both the languages English as well as Hindi. Institute celebrates Hindi Diwas in campus. Students are allowed to express their views in Indian Language also. The safeguarding and advancement of India's cultural wealth is considered a high priority for the college, as it is truly important for the nation's identity as well as for its Economy. In this regard appropriate integration of the Indian Knowledge system in the curriculum is there. Equal importance is given to Hindi language as well. Faculty members teach in both the languages English as well as Hindi. Institute celebrates Hindi Diwas in campus. Students are also allowed to express their views in Indian Language also. Courses like Constitution of India are included in the curriculum.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Dronacharya College of Engineering delivers the curriculum designed by its Affiliating University keeping in mind the learning outcomes of the courses. The PEOs for all the disciplines of engineering are designed carefully catering to local,regional and global needs and are also aligned with institutional vision and mission. College strives to apply knowledge of computing, mathematical foundations, algorithmic

principles, and engineering theory in the modeling and design of systems to realworld problems. Students are motivated to analyze the problem, identify, formulate and use the appropriate computing and engineering skills for obtaining its solution. The students also identify, classify and describe the performance of systems and components through the use of analytical methods and modeling techniques. They are also taught to investigate and define a problem and identify constraints including environmental and sustainability limitations, health and safety and risk assessment issues.

20.Distance education/online education:

The college had a very smooth transition from physical classes to online classes. The college does not compromise with the learning of students at any cost. The faculty members were directed to make use of the online platforms like Microsoft Team, ZOOM and Google Meet to make the students learn. The learning was not hampered at any cost. Even the students who were in their hometown easily learnt the technical skills and enhances the communication skills. Virtual labs were also created in the institution wherein students can practice their theoretical knowledge. Course content is also available in different languages. Digital learning is promoted by the institution even after the pandemic was over. Additional resources in the form of expert talks, seminars, alumni meets, workshops were also taken up in the form of webinars.

Extended Profile

1.Programme

1.1   **891**

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **2394**

Number of students during the year

File Description	Documents
Data Template	<u>View File</u>

2.2 **376**

Number of seats earmarked for reserved category as per GOI/
State Govt. rule during the year

File Description	Documents
Data Template	<u>View File</u>

2.3 **618**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<u>View File</u>

3.Academic

3.1 **144**

Number of full time teachers during the year

File Description	Documents
Data Template	<u>View File</u>

3.2 **144**

Number of Sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**891**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**2394**

File Description	Documents
Data Template	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**376**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**618**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**144**

File Description	Documents
Data Template	View File

3.2 Number of Sanctioned posts during the year	**144**

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	**64**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**122.72**
4.3 Total number of computers on campus for academic purposes	**690**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

College is affiliated to Gurugram University, Gurugram, Haryana and the change in curriculum is being done by the university. Representatives of the college put their point of view in all meetings held at Gurugram University regarding the development of curriculum. The institution has developed a structured and effective implementation of the university curriculum.

- **Before the beginning of each semester, Academic Calendar is prepared as per the Gurugram University, Gurugram, Haryana academic schedule and the requirements at the department level are formed.**
- **A comprehensive teaching plan is prepared by every department and teacher which includes the delivery of lectures, tutorials and practical.**
- **Before the beginning of each semester HOD's from each department ask their respective faculties to prepare power point presentation of each subject that is uploaded on**

- college website.
- Laboratory manual is also prepared by the faculties. Question Bank of respective subject are prepared by the faculty and uploaded on the website that helps students during the university examinations.
- Periodical meetings of Head of the Departments are held with the Principal to take review and discuss the curriculum delivery.

- In each semester, two sessionalexaminations are held. Based on the marks of the students improvement classes are also conducted by the faculties so that students can score well in their university examinations.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://ggnindia.dronacharya.info/APS/Syllabus.aspx

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Dronacharya College of Engineering is an affiliated institute of Gurugram University, Gurugram, Haryana.

Academic Calendar is prepared as per the Gurugram University, Gurugram, Haryana academic schedule and the requirements at the department level are formed. In each semester, two sessional examinations are held. Based on the marks of the students improvement classes are also conducted by the faculties so that students can score well in their university examinations.

Every Saturday faculty conduct doubt clearing session that helps students in better understanding of subjects.

Latest technologies are incorporated to meet the industry standards. The college is well equipped with the advanced learning tools to ensure effective curriculum delivery. The laboratories have all the modern and latest equipment's for

advanced learning. The college has a vast library which has almost all type of books and journals available for reference. E-content resources are also available for advancing in the studies and studying beyond classroom hours. Innovative learning to all students is provided by conducting through internships, projects, and field trips.

File Description	Documents
Upload relevant supporting documents	[View File](#)
Link for Additional information	https://ggnindia.dronacharya.info/academiccalendar.aspx

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	[View File](#)

1.2 - Academic Flexibility

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

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

13

File Description	Documents
Any additional information	[View File](#)
Minutes of relevant Academic Council/ BOS meetings	[View File](#)
Institutional data in prescribed format (Data Template)	[View File](#)

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

32

File Description	Documents
Any additional information	[View File](#)
Brochure or any other document relating to Add on /Certificate programs	[View File](#)
List of Add on /Certificate programs (Data Template)	[View File](#)

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

2502

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

2502

File Description	Documents
Any additional information	[View File](#)
Details of the students enrolled in Subjects related to certificate/Add-on programs	[View File](#)

1.3 - Curriculum Enrichment

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

DCE curriculum incorporates cross-cutting issues relevant to gender, environment and sustainability, human values and

professional ethics and leads to a strong all round value-based holistic development of students.

Environment and Sustainability

A compulsory core course on Environment Studies is included in the curriculum. Students are sensitized and encouraged to work towards helping society and environment. Environment awareness camps, seminars, workshops, guest lectures, industrial visits and field excursions are organized. Environment Day,

Earth Day and Water Day are annually celebrated. In Swachhta Pakhwada, students actively participate in making the surroundings clean. On the occasion of forest day and environment day trees were also planted inside and outside the campus to save the environment.

A compulsory course on Professional Ethics and Values, Organizational Behaviour, Environmental Sciences, Constitution of India is also offered to the engineering students. Students are also required tochoose some open elective courses like Disaster Management, Essence of Indian Traditional knowledge,

Air and Noise Pollution and Control, Engineering Ethics, Solid & Hazardous waste management, Renewable Energy Resources, etc. and are effectively transacted in the curriculum.

The Institute also has a Model Code of Ethics to curb various malpractices.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

38

File Description	Documents
Any additional information	[View File](#)
Programme / Curriculum/ Syllabus of the courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View File](#)
MoU's with relevant organizations for these courses, if any	[View File](#)
Number of courses that include experiential learning through project work/field work/internship (Data Template)	[View File](#)

1.3.3 - Number of students undertaking project work/field work/ internships

1169

File Description	Documents
Any additional information	[View File](#)
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	[View File](#)

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

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

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://ggnindia.dronacharya.info/Downloads/Admin/feedback-DCE-2023-24.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

720

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

234

File Description	Documents
Any additional information	<u>View File</u>
Number of seats filled against seats reserved (Data Template)	<u>View File</u>

2.2 - Catering to Student Diversity

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

Institute follows well-structured mentoring system.

Many bridge program like, time management session, motivational sessions, and personality development session are organized for the students, seminar, workshop guest lecture are organized for the students to give practical exposure.

Based on the classroom observation, interaction, continuous and periodic assessment, students are identified as slow learners and advanced learners. Measures taken for slow and advance learner are given below:

Mentoring of Slow Learner:

1. Special care is taken for slow learner.
2. To enhance their performance the institute conducts extra online classes. Previous year question papers are given to solve.
3. To improve the confidence level of the students, confidence building lectures are arranged. Some faculty members guide the students personally as well as they are encouraged to discuss their problems.
4. PPTs of Lecture and course material available on website

Mentoring of Advance Learners:

1. Guidance for career planning.
2. Encouraging students for higher studies
3. Encouraging for Competitive Examinations
4. Advanced learners are encouraged to enroll in MOOC Courses – Swayam, NPTEL.
5. Guiding and encouraging for research papers in conferences/Journals
6. Training programs for gaining advanced technical know-how.

19-02-2025 04:45:16

File Description	Documents
Link for additional Information	https://ggnindia.dronacharya.info/PreparationMaterial/CSE_Syllabus.aspx?Selected=Syllabus&depatment=CSE
Upload any additional information	View File

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

Number of Students	Number of Teachers
2394	144

File Description	Documents
Any additional information	View File

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

Some Student centric methods are given below:

Project methods: students are stimulated to make projects in their interest areas. Each student on the campus is assigned a mentor. Project method gives the students an opportunity of expression of thoughts and to convert ideas into reality. Each student has to compulsorily submit mini project and major project as per the requirement of syllabi. Case studies, analysis and reasoning, quizzes, research activities, are some of the other project based methods

Interactive methods: The faculty members make learning interactive with students by motivating student participation in debates, group discussion, role-play, data analysis, educational games,discussions and questions and answers on current affairs, etc.

Participative learning: students are encouraged to participate in various competitions, national and international conferences, workshops and seminars. Student's participation is also sought in decision making at various levels. Various clubs are also formed wherein students participate in various activities and enhance their personality.

Experiential learning: Experimental/Laboratory method is used to acquaint the students with the facts through direct experience. Students verify the facts and laws of the subject with the help of experiments. Students take interest and learn things via experiential learning. Institute also has a nodal centre IIT Delhi Vlab

File Description	Documents
Upload any additional information	View File
Link for additional information	https://ggnindia.dronacharya.info/CSE/about-Innovative-Practices.aspx?Selected=Syllabus&depatment=CSE

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

ICT Enabled Teaching: ICT enabled teaching includes Wi-Fi enabled class rooms with LCD, Language Lab, Smart Class rooms, etc. The institution has the essential equipment to support the faculty members and students in attainment of learning objectives. The auditorium and the conference room are digitally equipped for conducting conferences, guest lectures, seminars, workshops and alumni interaction programs. The Library is supported with a wide range of e-resources. Students have the access to digital content provided in the form of e-books, e-journals and e-magazines. Online classes on MS Teams, Google Meet and ZOOM were successfully taken up .

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://ggnindia.dronacharya.info/CSEIT/about-Innovative-Practices.aspx?Selected=Syllabus&depatment=CSEIT

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

2.3.3.1 - Number of mentors

131

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

144

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	[View File](#)
Any additional information	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

85

File Description	Documents
Any additional information	[View File](#)
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	[View File](#)

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

2.4.3.1 - Total experience of full-time teachers

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

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The college forms an Examination Committee to conduct internal examination every year. The date of the internal examination is decided in the Academic council meeting and finalize as per the tentative dates prescribed by the affiliating university academic calendar in every semester. Date of internal examinations are displayed on notice boards and are also mentioned in the academic calendar.

Question papers of Sessional Examination/ Internal Assessment are set based on Course outcomes and instructions by heads of the department. Any changes in the evaluation process will be communicated to students and faculty through circulars.

Syllabus for internal assessment is communicated to students well in advance. The internal marks are displayed on college website.

External examination is conducted by affiliating university. If students have grievances related to evaluation of university marks students can go for re-evaluation

Theory subjects are assessed through:

- **Two Sessional Examinations for each Semester.**
- **University external Examination.**
- **Assignments**
- **Seminar**

Practical subjects are assessed through

- **Two internal tests.**
- **University external lab exam.**

File Description	Documents
Any additional information	[View File]()
Link for additional information	https://ggnindia.dronacharya.info/academiccalendar.aspx

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

College has a Grievances Redressal Cell which looks after grievance related to the examination. If any discrepancy like mistakes in question paper, mark allocation, correction is noticed by the students, the concerned faculty member will resolve the discrepancy, and the necessary corrections will be made. If a student is not satisfied with the marks awarded even after resolved by the faculty member, then he may represent the same to the HOD concerned. All such representations are taken positively and are reassessed by another faculty member if necessary.

File Description	Documents
Any additional information	[View File]()
Link for additional information	https://ggnindia.dronacharya.info//Downloads/handbooks/Student-Resource-Book-DCE.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The affiliating University designed & revised the Curriculum based on the current trends in the competitive world, societal and industry needswhich provide a trust for national development. The job potential of the course structure is given prior importance. Periodic changes and improvements in the curriculum are made to meet the changing demands of the global world.

The faculty focus on the students' attainment in higher order learning to develop various skills, especially their cognitive thinking. Programme Outcomes (PO) were formulated reflecting the Vision, Mission and Strategies of the College and the

affiliating University. While formulating POs, the College considered academic excellence, research potency, scope of extension activities, human values, livelihood generation, and recent trends in the job markets. The suggestions of the alumni and other stakeholders were also taken into account. The entire curricular were restructured and the assessment pattern was modified in consultation with experts. The students were informed with the PO pattern through the College Website and orientation programme by the concerned course teachers.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://ggnindia.dronacharya.info/CSE/Syllabus.aspx
Upload COs for all courses (exemplars from Glossary)	[View File](#)

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

Each program taught by the faculty to the students has a defined set of program outcomes and corresponding evaluation criteria. The program outcomes are used to provide the quantitative measurement of how well the students have learned. The performance of the students in the examinations during the semester in each subject of study is used to compute the level of attainment of the POs.

Assessment methods include direct and indirect methods. The process of program outcome assessment by direct method is based on internal tests, laboratory performance, sessional examinations, completion of assignments, participation in workshops, conferences, and competitions and completion of projects in assigned time. Behavioral outcome is analyzed through participation in various events held across the year. Class tests are scheduled by the teachers after completion of each topic and the analysis is done after which the strategy for improvement is made. It helps to measure the attainment of programme outcomes. Some activities like Quiz competition are also held which makes the institution know about the knowledge and information of the students. Slow learners and quick learners are also segregated at this level.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://ggnindia.dronacharya.info/CSE/peos_pos.aspx

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

587

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://mdu.ac.in/UpFiles/UpPdfFiles/2024/Jun/4_06-06-2024_12-05-32_B.TECH%20PROVISIONAL%20MERIT%20LIST%20DEC%202023.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://ggnindia.dronacharya.info/Downloads/Admin/SSS-2023-24.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://dst.gov.in/

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

55

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

21

File Description	Documents
Any additional information	[View File](#)
List of research papers by title, author, department, name and year of publication (Data Template)	[View File](#)

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

19

File Description	Documents
Any additional information	[View File](#)
List books and chapters edited volumes/ books published (Data Template)	[View File](#)

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college has a functional NSS Cell and the cell is responsible for carrying activities in the neighborhood. The cell sensitizes its students towards community needs. Through this unit, various extension activities are carried in the nearby areas by the students. Students actively participate in social services. Tree plantation drives, cleanliness drives, awareness programs on eradication of single use plastic, education of girl child, programme on female feticide, Beti Bachao Beti Padhao, health check-up camps, blood donation camps, educating about causes and symptoms of diseases like AIDS, Dengue, Malaria, etc., cloth donation, sanitary napkin

distribution, no vehicle day were some of the events carried throughout the year. NSS volunteers address the social issues and contribute towards society by making the locals aware about many social evils. In addition to NSS unit, all the departments of the college are also conscious towards shaping the students into responsible citizens of the country.

Outcomes observed:

The extension activities carried in the neighborhood areas mentioned above have resulted into positive impact on the students by facilitating learning opportunities, building leadership, community relationship, building responsible citizens, upgrading their self confidence levels, moulding personality, uplifting fitness levels and cultivating the spirit of belongingness and responsibility towards society and country at large.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/dce-nss-club/DCE-NSS-Club.aspx
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

54

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS

awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

78

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

4222

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

26

File Description	Documents
e-copies of linkage related Document	[View File](#)
Details of linkages with institutions/industries for internship (Data Template)	[View File](#)
Any additional information	[View File](#)

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

26

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	[View File](#)
Any additional information	[View File](#)
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	[View File](#)

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.

Dronacharya College of Engineeringis supported with good infrastructural facilities to uplift academic and non-academic areas of the students. The college follows norms laid down by AICTE and affiliating University, Gurugram University regarding infrastructural facilities. The college has a total land area of 10.4 Acres. The college has all the facilities for teaching -learning as shown below:

Classrooms: The institute has adequate number of classroom for conducting the theory classes. They are fully furnished, ventilated, spacious and equipped with LCD projectors to facilitate the teachers to adopt varied teaching methods for

interactive learning experience.

Laboratories: The institute has Laboratories with state of the art equipment and machinery for the students to carry practical projects and research works. All laboratories are operational, and well maintained.

Auditorium: The College has a fully air conditioned well-furnished Auditorium fitted with LCD Projector & sound proof Audio-Video facilities. It has a seating capacity of over 450 people

Computing equipment: Institute has sufficient number of computers. All computers are equipped with high internet speed.

ICT Tools: the college is having all the ICT enabled tools viz: projectors, LCD's, printers, scanners, smart classrooms, smart boards, mic, sound system, Library Automated System, etc. A well-equipped Library and having more than 600 computers are available in the college for supporting students learning.

The college also has vast playground for Co-curricular & Extra-curricular activities. All indoor games equipment are also available in the college .

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://ggnindia.dronacharya.info/InfrastructurePhotogallery.aspx

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

Facilities for Cultural activities:

There is a recreational hall inside the premises. Numerous musical instruments viz: drums, guitar, keyboard, flute, mics, etc. are available for the use of students. Certain cultural activities which are organized round the year are: Fresher's party, Women's day, Teacher's day, etc.

Students also take part in nukkad natak, fetes, talent hunt competitions like singing and dancing competitions, idea

presentations, creative writing competitions, poetry competition, poster making competitions, etc.

Facilities for Sports:

The college also has vast playground for sports activities. All indoor games equipment are also available in the college for students relaxation. Annually sports week is organized in the campus. It covers competitions like cricket tournaments, football matches, volleyball, badminton matches, table tennis etc.

Yoga:

Yoga is conducted in meditation Hall every morning. Students practice Yoga in the zero period and gain the necessary energy required throughout the day. Each year Yoga Day is celebrated with maximum participation

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://ggnindia.dronacharya.info/Clubs.aspx

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

74

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

74

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://ggnindia.dronacharya.info/InfrastructurePhotogallery.aspx
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

296.67

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Dronacharya College of Engineering, Gurugram in a prominent college at Gurugram imparting education in the field of Engineering since 1998. The facilities provided in the institution very well cater the needs of the students and faculty members. The college has a vast library having a seating capacity of 200 heads. The library has a reading hall and separate computers for students to access e-journals. The library is continuously updated in terms of latest books, journals and e-contents. It consists of 34000+ books, approximately 150 journals and a huge collection of magazines. College also has taken subscription of digital resources to facilitate learning. The library is automated with digital facilities using Integrated Library Management System (ILMS). The details of the same are: Name of ILMS software: E-granthalaya 3.0 Nature of automation (fully or partially): Fully Version: 3.0 Year of Automation: 2005 The students can get access of the library resources till the college hours. Students and faculty members regularly visit the library for study purposes.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://ggnindia.dronacharya.info/library.aspx

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

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

3.02

File Description	Documents
Any additional information	[View File](#)
Audited statements of accounts	[View File](#)
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

321

File Description	Documents
Any additional information	<u>View File</u>
Details of library usage by teachers and students	<u>View File</u>

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Dronacharya College of Engineering, Gurugram has a well-equipped computer lab. College continuously upgrades its technology, infrastructure and teaching-learning methodologies. The institution provides IT enabled teaching-learning environment in the campus. Wi-Fi and CCTV facility is available in the institute. Institute is using 540 Mbps Internet speed in order to have an uninterrupted teaching-learning

atmosphere. All the departments of the college are provided with computer and other related equipment to facilitate learning. All faculty members use the ICT tools in the classrooms and laboratories for upgrading learning. Anti-virus is regularly installed in computers for avoiding any possible breakdown or system

crash. More than 600 desktops are available in the laboratories to facilitate learning. There are 64 smart classrooms and 10 seminar halls, all equipped with LAN, WiFi, Audio Devices, Smart Board and LCD Projector. Significant investment has been made to upgrade classrooms to e-classrooms/smart classrooms.The students utilizes wi-fi for project related works, assignments, interactive sessions etc. The campus is well connected with intercom facilities.Cordless Mic, Sound system, Biometric Machine, printers, scanners and laptops are some other tools, the college is equipped with.

The faculty member used various ICT-enabled learning tools such as PPTs, video clips, audio systems, and online sources like Google Meet, ZOOM, Microsoft Teams, etc. to provide advanced knowledge and hands on learning to students. Teaching and learning methods used by teachers include experiential learning which requires 24 hours internet connectivity. The classrooms are equipped with LCDs, OHPs, and computers.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://ggnindia.dronacharya.info/InfrastructurePhotogallery.aspx

4.3.2 - Number of Computers

690

File Description	Documents
Upload any additional information	[View File](#)
Student – computer ratio	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution   A. ? 50MBPS

File Description	Documents
Upload any additional Information	[View File](#)
Details of available bandwidth of internet connection in the Institution	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

930.53

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

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.

The institute adopts established system and procedures for maintaining and utilizing physical, academic and support facilities such as laboratory, sports complex, computer, classroom etc. in the institute. There is separate representation to take care of the utilization and maintenance of the physical, academic and support facilities.

Laboratories: Each laboratory is having Lab-in Incharge, Lab Assistant and attendant. Lab-in charge is responsible to maintain and upgrade the laboratory with necessary equipment to maintain and upgrade the laboratory with necessary equipment's needed with the change of syllabus. Verification of working, non-working and missing equipment is carried out on regular basis. Each laboratory assistant keeps the record of utilization of equipments, computers and other required material for experiments.

Library: Librarian with supporting staff has been appointed to maintain library. The library is continuously updated in terms of latest books, journals and e-contents by the librarian. The operation and services of Library are fully computerized with e-Granthalaya . The library has a reading hall and separate computers for students to access e-journals, while the subscribed e-journals can also be accessed from any networked computer in the institute. At end of the Academic year books verification is done.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	<u>https://ggnindia.dronacharya.info/Infrast ructurePhotogallery.aspx</u>

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

0

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<u>View File</u>
Upload any additional information	<u>View File</u>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<u>View File</u>

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

563

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to institutional website	https://ggnindia.dronacharya.info/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

1140

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

1140

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

474

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

5

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

52

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

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

23

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

The Institution aims for all-round development of students involving their physical, mental, social, cultural, and spiritual well-being and discipline. The Registrar of the institute strives hard to make young engineers industry ready professionals. Registrar works very closely with the Student Committees to continuously improve the quality of campus life. Institute is running different clubs: Sports Club, Cultural Club, Technical Language Society, Robotics Club, Coding Club. These clubs create a bridge between Students and Faculty members in the institute. With the objective to ensure excellence in academics, Institute selects two class representatives to take authentic feedback/response from the students. This is done through frequent C.R meetings with the concerned HOD, Registrar and Director. There is also a transparent online feedback system. Many students are also appointed as a member in different committees of the institute like Anti- Ragging Squad, Grievance Redressal Cell, IQAC committee. To make students industry-ready, Institute is running Centers of Excellence, Clubs in Innovation Cell, and various departmental clubs at the institutional level.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/events/Career-Couselling-for-future-29-june-2024.aspx?Month=June&Year=2024
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

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

35

File Description	Documents
Report of the event	[View File](#)
Upload any additional information	[View File](#)
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	[View File](#)

5.4 - Alumni Engagement

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

The Alumni association of DCE,Gurugram believes in creating a link between the alumni, staff, and students of the institute. DCE alumni are currently working at various positions all over the globe and also running some successful businesses.

The Alumni Association contributes through various means:-

1. Alumni Interaction: Alumni of DCE give inputs to aspiring B.Tech graduates. They are invited as resource persons at various events, guest lectures and panel discussions. Many alumni connect programs are also organized throughout the year to guide the students. They provide inputs and share their experiences regarding skills, recent technologies & trends in corporate world, application of knowledge and corporate working culture.
2. Placement & Career Guidance Assistance: Alumni are working in organizations at various capacities. They keep the T&P department abreast about the available job opportunities and the job specifications required to perform different jobs. They assist and guide the students to prepare for the interviews.
3. Campus recruiters: Alumni come to campus as recruiters for their companies and also recommend and promote DCE to their employers for campus placements.
4. Book Donation: Alumni of DCE also supports by Contributing Books.

5.Summer Internship Opportunities: Alumni also guide the

students for various internship opportunities available.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/Downloads/Admin/Alumni-DCE.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)   D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Dronacharya College of Engineering, Gurugram since its inception in 1998 essays the role of a change leader, driven by a relentless pursuit of Academic and Professional Excellence. DCE, Gurugram is affiliated to Gurugram Universityand approved by All India council of Technical Education, New Delhi (AICTE, New Delhi). College offer B.Tech and M.Tech programme.

Management, IQAC, and other governing bodies fulfil the vision and mission statement of college. The administration works to make the college as top-tier institution in UG and PG, programmes. Goals of college represent the governance of the institution, which is in accordance with its vision and mission.

College guarantees equal access to quality higher education in Science for all eligible and meritorious students from all socioeconomic levels.The member from management is also committee member of IQAC. Principal works as institutional academic and administration Head, Chairman of IQAC and faculty members from all levels are members of IQAC and other committee also.

The decentralization of academic, co-curricular, extra-curricular, and administrative governance is managed through

various college committees. The academic and administrative policies are planned by the academic administrator and monitored at regular intervals through the IQAC, Staff Council and the Council of Heads.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/Downloads/Admin/Organogram-GGN.pdf
Upload any additional information	View File

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

The Institute practices decentralization and participative management to achieve excellence by involving faculty, staff and students in all its activities at various levels. It has a well-designed organizational structure with different bodies and committees and well-defined processes to provide leadership and manage different functions and initiate timely action, in tune with its vision and mission. Some practices of decentralization and participative management includes:

1. **All the important decisions related to the institute are taken by the Director in consultations with the Registrar and Head of departments.**
2. **The Director is the academic and administrative head of the Institute and the Member of the Governing Body.**
3. **The HOD's are responsible for day to day administration of the department and report same to the Principal.**
4. **Faculty members and staff member can give suggestions and idea for improvement**
5. **Students also participate through different formal and informal feedback mechanisms.**

The institute for all time supports the culture of participativemanagement by involving staff and students in various activities. The students and faculties are allowed expressing themselves for any suggestions to improve the excellence of the Institute. The Principal, Registrar, HODs and faculty members and staff members are involved to defining the policies and procedures, making guidelines and rules/regulations pertaining to admission, placement, discipline, grievance, counselling, training development, and library services etc.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/Downloads/Admin/Organogram-GGN.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The salient features of the strategies being adopted at the institute are:

1.Participating in various competitions by the students.

2.Purchasing of new equipment for upgrading laboratories and establishing new labs. Developing Multidisciplinary innovation ecosystem, project based learning for students. Advising and encouraging students for taking up entrepreneurship roles.

3.Internships and Industry based projects for students are also focused upon.

4.Suggesting the students about various government & private aided scholarships, so that students could take benefit from them.

5.Sponsoring faculty members and students to National/International level events, conferences and workshops

6.Publishing paper in reputed journals by faculty members and encouraging students to carry more case studies.

7.Increase number of Patent filing.

8.Signing MoU with industry for training, interaction, inviting experts for interactive sessions. Introduce Certificate/Value Added Courses.

9.Organize Workshops/Training for Faculty/ Organizing Conferences. Guest Lecture, Association Activities of respective departments.

10.Industrial and Field Visits, Alumni interaction, conduction

of NSS activities. Training of Non-teaching staff.

College provides freedom and opportunities to the faculty to plan and implement various academic, extra- curricular and extension activities throughout the year.

Various policies are designed and implemented in the college by the respective authorities. These policies include:

E-Governance Policy

IT Policy

Grievance Redressal Policy

Anti-Ragging Policy

Recruitment Policy

Appraisal policy

Admission Policy

Campus Placement Policy

Green Campus Policy

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://ggnindia.dronacharya.info//Handbook.aspx
Upload any additional information	[View File](#)

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.

College strictly follows the guidelines established by UGC, NAAC, Govt. of Haryana and affiliated University, Gurugram University from time to time. Organizational structure of college start with Governing Body and the suggestions and feedback are taken from the academic and non-academic heads and students also. Development Committee consists of members of

management, HOD's of all departments and non- teaching staff, nominated members and Principal. IQAC consists of teachers, non-teaching staff, nominated members of Alumni Association, one nominee from industry / employer and stakeholder and student representative. Office- staff comprises of Back-office team, HR personnel, Accountant, peons, and watchmen.

College provides freedom and opportunities to the faculty to plan and implement various academic, extra- curricular and extension activities throughout the year.

Various policies are designed and implemented in the college by the respective authorities. These policies include:

E-Governance Policy

IT Policy

Grievance Redressal Policy

Anti-Ragging Policy

Recruitment Policy

Appraisal policy

Admission Policy

Campus Placement Policy

Green Campus Policy

Any non-compliance with the policies draws punishment. College does not support/follow the policy of corporal punishment.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info//Handbook.aspx
Link to Organogram of the Institution webpage	https://ggnindia.dronacharya.info/Downloads/Admin/Organogram-GGN.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

DCE has provided formats for performance appraisal reports of teaching and non-teaching staff. Each staff member of the institution is provided with the Self-appraisal form. Afterwards, Head of the respective departments and Principal evaluates performance of teaching and non-teaching staff. The Management takes review of performance appraisal reports and an appropriate decision is taken whenever required

Following are the various welfare schemes for Teaching and Non-teaching staff.

• Free transportation facility is provided for faculty

• Medical facilities are available for all faculties

•Financial support and duty leave is provided for all faculties who present papers in national and international conferences, attend seminars, Workshops and industrial training.

• Maternity leave for women is provided

• Leave for higher studies

• Group insurance for faculty members with their family members

- **Leave encashment policy**

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info//Downloads/handbooks/Faculty-Hand-book-2023-24-DCE.pdf
Upload any additional information	[View File](#)

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

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

77

File Description	Documents
Upload any additional information	[View File](#)
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

14

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	[View File](#)
Reports of Academic Staff College or similar centers	[View File](#)
Upload any additional information	[View File](#)
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	[View File](#)

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

108

File Description	Documents
IQAC report summary	[View File](#)
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	[View File](#)
Upload any additional information	[View File](#)
Details of teachers attending professional development programmes during the year (Data Template)	[View File](#)

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institute has performance based appraisal system for the assessment of teaching and nonteaching staff. The appraisal report is based on the annual performance of the employees on

the basis of their academic, research and other extra-curricular activities.

Performance Appraisal system for Teaching Staff:

The faculty member performance is appraised through his/her implementation of innovative methodologies in classroom lectures, seminars, tutorials, course delivery, question paper setting and evaluation, updating of materials etc. Besides, student feedback and pass percentage of the course are also considered. The performance of the faculty is evaluated based on contribution to College administrative bodies such as college academic council, R&D council, planning and development committee, etc. The above set performance appraisal report is filled by employee in a given prescribed proforma which includes all the above set related to points and sub points. Filled in the prescribed format is revised by HOD to assess the attitudinal / behavioral / professional aspects of the faculty concerned.

Performance Appraisal system for non- teaching staff:

A few strategies are observed in appraising non-teaching staff's performance this includes technical contribution of individuals such as subject knowledge, awareness, productivity, quality, innovation willingness to learn, diligence etc. besides they also assess the behavioral aspects like group behavior, acceptability, punctuality etc

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/Downloads/Admin/AICTE-360-Degree-Teacher-Feedback.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Dronacharya College of Engineering, Gurugram follows well planned and systematic strategy for fund mobilization. The college maintains a transparent and accountable financial system

for effective utilization of resources for funds.

The college ensures strong adherence to financial transparency. Regular audits are a part of the process. The internal audit is carried out on quarterly basis. Student fees are the primary source of income for the institution. The management usually provides funds for infrastructure development regularly and on the request given by the academic andteaching faculties, the report is eventually handed over to the management administrative departments. Annual audit is conductedcommittee. both internally and externally. The Internal audit is conducted by the Accounts Department of college and the report is submitted to the Managing Trustee for further action. The external audit is conducted by the CA.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/IQAC.aspx
Upload any additional information	View File

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

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

8

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institute always monitors the effective and efficient use of available financial resources for the infrastructure development to support teaching learning process. Dronacharya College of

Engineering is a self-financed private institute, tuition fee is the main source of income. Along with tuition fee, research grants from various Government and Non- Government agencies, consultancy projects. These funds are utilized for all recurring and non-recurring expenditure. The institution has a well-defined mechanism to monitor effective utilization of available financial resources for the development of the infrastructure to augment academic needs. All the administrative and academic heads along with coordinators of different cells will submit the budget requirements for the coming academic year. The finance committee prepares an annual budget estimate duly considering the proposals received and also the recommendations of the principal and management. All the major financial decisions are taken by the institute's financial committee and Governing Body (GB). Institute adheres to utilization of budget approved for academic expenses and administrative expenses by management. After final approval of budget the purchasing process is initiated by purchase committee which includes all head of departments and account officer, accordingly the quotations called and purchase orders are placed after final negotiations. Financial audit is conducted by chartered accountant for every financial year to verify the compliance

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/IQAC.aspx
Upload any additional information	View File

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

Dronacharya College of Engineering, Gurugram reviews its teaching learning process structure methodologies of operations and learning outcomes at regular intervals. Academic Administrator reviews all processes and methodologies taken by faculty members. Feedback from different stakeholdersis taken into consideration. Industry expert's academic experts and other dignitaries who visit the campus on different occasions interact with faculty and gave their suggestion.The IQAC at college was constituted on 05/12/2005. Since then, it has been performing the following tasks on a regular basis.

1. Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from all the stakeholders.

2. Providing inputs for best practices in administration for efficient resource utilization for development of students and staff.

3. Providing inputs for Academic and Administrative Audit and analysis of results for improvement in weak areas

IQAC has been constituted as per the format prescribe by the NAAC and meetings are held periodically. Quality assurance strategy and processes are being discussed and subsequently review by IQAC cell has initiated various measures

The initiatives under taken are

- **Formation of IQAC committee**

- **Annual Quality Assurance Report (AQAR) submitted on time**

- **Formation of Institution's Innovation Cell at college**

- **Feedback collection from students, faculty and alumni**

- **Strengthening Core Competency of students through Technical Skill development activities**

- **Participation in NIRF**

- **Performance Based Appraisal System (PBAS) for Career Advancement Scheme (CAS)**

- **Initiative taken for Green Audit.**

- **Review of teaching learning process**

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/IQAC.aspx
Upload any additional information	View File

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

The IQAC at college was constituted on 05/12/2005. Since then, it has been performing the following tasks on a regular basis.Feedback from different stakeholdersis taken into consideration. Industry expert's academic experts and other dignitaries who visit the campus on different occasions interact with faculty and gave their suggestion.

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• Participation in NIRF

• Performance Based Appraisal System (PBAS) for Career Advancement Scheme (CAS)

• Initiative taken for Green Audit.

• Review of teaching learning process

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/IQAC.aspx
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://ggnindia.dronacharya.info/IQAC.aspx
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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 year

Dronacharya College of Engineering, Gurugram conducts Gender Audit in 2023-24 to put a check upon the gender related issues and the resolution of the same. The audit's purpose is also to identify ways to make college safe for women and to create awareness about facilities available in the college for both the genders. It is also ensured that adequate seminars, lectures, workshops are conducted for awareness about gender equality.

To promote women education, the Institute makes consistent efforts. The Institute organizes several training programs, seminars, workshops etc. on gender equality, gender related issues and sensitization.

Both gender students are encouraged to participate in the events, presentations and competitions. All the year round, there are events and seminars wherein girl student is equally motivated to participate. Many extra-curricular activities are also organized where the girl students are on an equal platform like boy students.

Gender equality in representation of women in all top positions could also be witnessed. The HOD of all departments, Academic Head, Placement cell, Office of the Deans, HR are all headed by women. The College provides equal chance to all faculty and students to undertake academic research, submit innovative projects, implement projects and file patents. Married female employees of DCE are eligible for Maternity Leave.

File Description	Documents
Annual gender sensitization action plan	https://ggnindia.dronacharya.info/Woman-Development-Cell.aspx
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://ggnindia.dronacharya.info/Woman-Development-Cell.aspx

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures   Solar energy Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid

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

At Dronacharya College of Engineering, efforts are being laid upon by the management to spread awareness about cleanliness and safely disposal of waste.

Solid Waste Management: Waste like plastic, metals, glass, cardboard, newspaper and stationery are systematically collected, segregated and sold to Greenobin Recycling Pvt. Ltd. And all the waste is channelized for recycling.

Liquid Waste Management: for the management of waste water from cafeteria, academic areas and canteen, water is properly disposed off in the ground. College also supports rain water harvesting.

Bio-medical waste management: Biodegradable kitchen waste from canteen, horticultural waste such as dried leaves, twigs, and plant clippings is collected from all around the campus and used for vermicomposting. Waste food and leftover of mess and cafeteria is taken away by staff for hog feeding.

E-waste management: The electronic waste components such as computer system components, CPU and ICs are used in practical demonstration to our students. Some of the reusable electronic components like resistors, capacitors, inductors, diode, transistor, thermistors etc. are removed from the gadgets and used by students in making projects in DIY. Students are also made aware of E-Waste issues and its safe disposal.

Waste recycling system: To recycle solid waste Vermicomposting is used. • Food Waste is fed to stray dog • Liquid Waste is used

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://ggnindia.dronacharya.info/InfrastructurePhotogallery.aspx
Any other relevant information	View File

7.1.4 - Water conservation facilities   **A. Any 4 or all of the above**

available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

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**

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Any other relevant documents	[View File](#)

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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 200 words).

Dronacharya College of Engineering, Gurugram lays efforts to provide an environment which make the students aware about the diverse cultures and traditions prevailing in the country. Many activities are organized throughout the year in and outside the

college campus for providing an opportunity to understand the customs of diversified Country. Varied festivals of the country belonging to different religions, regions and communities are celebrated under one roof. Festivals of Holi, Deepawali, Lohri, New Year, Bihu, etc. are celebrated with great zeal year after year. The celebration of these functions helps in developing harmony towards culture, region, linguistic and also communal social economics. Every year, the college organizes Orientation Day, Fresher's Party and Induction Program for the students The college also has an in-built sports club meant for playing games of all the regions. Students are also encouraged to participate in many state and national level games which fosters participative culture.

Apart from imparting education, a feeling of belongingness and oneness among the student community is also build by way of celebrating and observing various practices and programs. Ambedkar Jayanti, Gandhi Jayanti, NSS Orientation Day, Republic Day, Independence Day, Constitution Day, Azadi ka Amrit Mahotsav, Environment Day, Women's Day, Girl Child Day, Yoga Day.

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

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Apart from imparting education, a feeling of belongingness and oneness among the student community is also build by way of celebrating and observing various practices and programs. Ambedkar Jayanti, Gandhi Jayanti, NSS Orientation Day, Republic Day, Independence Day, Constitution Day, Azadi ka Amrit Mahotsav, Environment Day, Women's Day, Girl Child Day, Yoga Day, Children's Day, Teacher's Day, Martyr's Day, Yoga Day, World Water Day, Voter's Day, Earth Day, etc. are celebrated every year to sensitize and enlighten students and make them responsible citizens. Motivational lectures by the eminent persons of the field are also delivered for sensitizing students and staff to the constitutional obligations. Students and staff of the college participate in many awareness camps addressing

social causes. A compulsory course on Constitution of India and Human Ethics is made mandatory for all the students. The college has always been in the practice of organizing activities that not only initiate but also motivate the students to adopt various practices that promote the "Unity in Diversity."

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

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

A. All of the above

File Description	Documents
Code of ethics policy document	View File
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 File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

At Dronacharya College of Engineering, Gurugram, many national and international days are celebrated round the year to commemorate the braveries of India. It is an integral part of learning and building a strong cultural belief in a student. The

College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year.

To name a few, such celebrations include:

- Independence Day celebration.

- Republic Day celebration.

- Earth Day celebration.

- Martyr's Day observance.

- International day of Yoga celebration.

- Swachta Abhiyan on the occasion of Gandhi Jayanti.

- Forest day celebration.

- Voters Day.

- Environment Day.

- Azadi Ka Amrut Mahotsav.

- Ambedkar Jayanti

- Birthday of Dr. Sarvapalli Radhakrishnan

- Birth Anniversary of Swami Vivekananda

The college celebrates these events with great passion to commemorate the philosophy of nationalism and to pay tribute to our great National Leaders. The Faculty, Staff and Students of the college come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout. Certain poster making competitions, essay writing competitions, presentations and speech deliveries are organized to make the students aware of the importance of these days.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	[View File](#)
Geo tagged photographs of some of the events	[View File](#)
Any other relevant information	[View File](#)

7.2 - Best Practices

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

Title of the Practice: Project Based Learning from 2 year

Objectives of the Practice:

• **To impart skills to analyze the real world problem and challenges.**

• **To improve the ability of applying concepts learned during the course to real-life experiences.**

• **To conduct interactive hands-on sessions in place of traditional classroom instruction.**

• **To increase the problem solving skills and innovative skills of students.**

• **To improve the practical skills of the students.**

• **To provide comprehensive and all-round education.**

Title of the Practice: Fostering Employability Skills

Objectives of the Practice:

To escalate and empower quantitative and qualitative aptitude of the students. To get students ready for the interviews or entrepreneurship.

To bridge the gap between industry and academia.

To develop student's adaptability tothe demand of industry.

To develop soft skill.

To foster critical thinking abilities.

File Description	Documents
Best practices in the Institutional web site	[View File](#)
Any other relevant information	[View File](#)

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

One of the primary priorities of the college is academic excellence. This is achieved by following rigorous curriculum of the affiliating University which covers the latest developments in technology and engineering. The faculty members of the colleges are highly qualified and experienced, and they impart knowledge through a variety of teaching methods such as lectures, tutorials, and hands-on projects. The college is equipped with all the modern facilities and machineries to enhance the learning of the students. The latest ICT tools and smart boards such as Google Classroom, Video Conferencing Tools: Microsoft Teams, ZOOM, Google Meet, PPT, Video clippings, audio systems, Virtual Labs are available in the college to support learning and to expose the students for advanced knowledge and practical learning. The college campus is also supported with uninterrupted Wi-Fi. To make students academically sound, the college is also running Centers of Excellence, various Clubs, viz: Coding club, Sports club, Technical language club, Robotics club, NSS club are also formed which relates to academic and non-academic areas. Workshops, seminars, guest lectures, industry visits and field excursions are also organized to upkeep the students about the latest trends and technologies.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

College is affiliated to Gurugram University, Gurugram, Haryana and the change in curriculum is being done by the university. Representatives of the college put their point of view in all meetings held at Gurugram University regarding the development of curriculum. The institution has developed a structured and effective implementation of the university curriculum.

- Before the beginning of each semester, Academic Calendar is prepared as per the Gurugram University, Gurugram, Haryana academic schedule and the requirements at the department level are formed.
- A comprehensive teaching plan is prepared by every department and teacher which includes the delivery of lectures, tutorials and practical.
- Before the beginning of each semester HOD's from each department ask their respective faculties to prepare power point presentation of each subject that is uploaded on college website.
- Laboratory manual is also prepared by the faculties. Question Bank of respective subject are prepared by the faculty and uploaded on the website that helps students during the university examinations.
- Periodical meetings of Head of the Departments are held with the Principal to take review and discuss the curriculum delivery.

- In each semester, two sessionalexaminations are held. Based on the marks of the students improvement classes are also conducted by the faculties so that students can score well in their university examinations.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://ggnindia.dronacharya.info/APS/Syllabus.aspx

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Dronacharya College of Engineering is an affiliated institute of Gurugram University, Gurugram, Haryana.

Academic Calendar is prepared as per the Gurugram University, Gurugram, Haryana academic schedule and the requirements at the department level are formed. In each semester, two sessional examinations are held. Based on the marks of the students improvement classes are also conducted by the faculties so that students can score well in their university examinations.

Every Saturday faculty conduct doubt clearing session that helps students in better understanding of subjects.

Latest technologies are incorporated to meet the industry standards. The college is well equipped with the advanced learning tools to ensure effective curriculum delivery. The laboratories have all the modern and latest equipment's for advanced learning. The college has a vast library which has almost all type of books and journals available for reference. E-content resources are also available for advancing in the studies and studying beyond classroom hours. Innovative learning to all students is provided by conducting through internships, projects, and field trips.

File Description	Documents
Upload relevant supporting documents	[View File](#)
Link for Additional information	https://ggnindia.dronacharya.info/academiccalendar.aspx

1.1.3 - Teachers of the Institution participate in following activities related	**A. All of the above**

to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	[View File](#)

1.2 - Academic Flexibility

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

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

13

File Description	Documents
Any additional information	[View File](#)
Minutes of relevant Academic Council/ BOS meetings	[View File](#)
Institutional data in prescribed format (Data Template)	[View File](#)

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

32

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

2502

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

2502

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

1.3 - Curriculum Enrichment

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

DCE curriculum incorporates cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics and leads to a strong all round value-based holistic development of students.

Environment and Sustainability

A compulsory core course on Environment Studies is included in the curriculum. Students are sensitized and encouraged to work towards helping society and environment. Environment awareness camps, seminars, workshops, guest lectures, industrial visits and field excursions are organized. Environment Day,

Earth Day and Water Day are annually celebrated. In Swachhta Pakhwada, students actively participate in making the

surroundings clean. On the occasion of forest day and environment day trees were also planted inside and outside the campus to save the environment.

A compulsory course on Professional Ethics and Values, Organizational Behaviour, Environmental Sciences, Constitution of India is also offered to the engineering students. Students are also required tochoose some open elective courses like Disaster Management, Essence of Indian Traditional knowledge,

Air and Noise Pollution and Control, Engineering Ethics, Solid & Hazardous waste management, Renewable Energy Resources, etc. and are effectively transacted in the curriculum.

The Institute also has a Model Code of Ethics to curb various malpractices.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

38

File Description	Documents
Any additional information	[View File](#)
Programme / Curriculum/ Syllabus of the courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View File](#)
MoU's with relevant organizations for these courses, if any	[View File](#)
Number of courses that include experiential learning through project work/field work/internship (Data Template)	[View File](#)

1.3.3 - Number of students undertaking project work/field work/ internships

1169

File Description	Documents
Any additional information	[View File](#)
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	[View File](#)

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	**A. All of the above**

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

1.4.2 - Feedback process of the Institution may be classified as follows	**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://ggnindia.dronacharya.info/Downloads/Admin/feedback-DCE-2023-24.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

720

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

234

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

Institute follows well-structured mentoring system.

Many bridge program like, time management session, motivational sessions, and personality development session are organized for the students, seminar, workshop guest lecture are organized for the students to give practical exposure.

Based on the classroom observation, interaction, continuous and periodic assessment, students are identified as slow learners and advanced learners. Measures taken for slow and advance learner are given below:

Mentoring of Slow Learner:

1. Special care is taken for slow learner.
2. To enhance their performance the institute conducts extra online classes. Previous year question papers are given to solve.
3. To improve the confidence level of the students, confidence building lectures are arranged. Some faculty members guide the students personally as well as they are encouraged to discuss their problems.
4. PPTs of Lecture and course material available on website

Mentoring of Advance Learners:

1. Guidance for career planning.
2. Encouraging students for higher studies
3. Encouraging for Competitive Examinations
4. Advanced learners are encouraged to enroll in MOOC

Courses – Swayam, NPTEL.
5. Guiding and encouraging for research papers in conferences/Journals
6. Training programs for gaining advanced technical know-how.

File Description	Documents
Link for additional Information	https://ggnindia.dronacharya.info/PreparationMaterial/CSE_Syllabus.aspx?Selected=Syllabus&depatment=CSE
Upload any additional information	View File

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

Number of Students	Number of Teachers
2394	144

File Description	Documents
Any additional information	View File

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

Some Student centric methods are given below:

Project methods: students are stimulated to make projects in their interest areas. Each student on the campus is assigned a mentor. Project method gives the students an opportunity of expression of thoughts and to convert ideas into reality. Each student has to compulsorily submit mini project and major project as per the requirement of syllabi. Case studies, analysis and reasoning, quizzes, research activities, are some of the other project based methods

Interactive methods: The faculty members make learning interactive with students by motivating student participation in debates, group discussion, role-play, data analysis, educational games,discussions and questions and answers on current affairs, etc.

Participative learning: students are encouraged to participate in various competitions, national and international conferences, workshops and seminars. Student's participation is also sought in decision making at various levels. Various clubs are also formed wherein students participate in various activities and enhance their personality.

Experiential learning: Experimental/Laboratory method is used to acquaint the students with the facts through direct experience. Students verify the facts and laws of the subject with the help of experiments. Students take interest and learn things via experiential learning. Institute also has a nodal centre IIT Delhi Vlab

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://ggnindia.dronacharya.info/CSE/about-Innovative-Practices.aspx?Selected=Syllabus&depatment=CSE

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

ICT Enabled Teaching: ICT enabled teaching includes Wi-Fi enabled class rooms with LCD, Language Lab, Smart Class rooms, etc. The institution has the essential equipment to support the faculty members and students in attainment of learning objectives. The auditorium and the conference room are digitally equipped for conducting conferences, guest lectures, seminars, workshops and alumni interaction programs. The Library is supported with a wide range of e-resources. Students have the access to digital content provided in the form of e-books, e-journals and e-magazines. Online classes on MS Teams, Google Meet and ZOOM were successfully taken up .

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://ggnindia.dronacharya.info/CSEIT /about-Innovative-Practices.aspx?Select ed=Syllabus&depatment=CSEIT

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

2.3.3.1 - Number of mentors

131

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

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

144

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

85

File Description	Documents
Any additional information	*View File*
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	*View File*

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

2.4.3.1 - Total experience of full-time teachers

1534

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

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The college forms an Examination Committee to conduct internal examination every year. The date of the internal examination is decided in the Academic council meeting and finalize as per the tentative dates prescribed by the affiliating university academic calendar in every semester. Date of internal examinations are displayed on notice boards and are also mentioned in the academic calendar.

Question papers of Sessional Examination/ Internal Assessment are set based on Course outcomes and instructions by heads of the department. Any changes in the evaluation process will be communicated to students and faculty through circulars.

Syllabus for internal assessment is communicated to students well in advance. The internal marks are displayed on college website.

External examination is conducted by affiliating university. If students have grievances related to evaluation of university marks students can go for re-evaluation

Theory subjects are assessed through:

- **Two Sessional Examinations for each Semester.**
- **University external Examination.**
- **Assignments**
- **Seminar**

Practical subjects are assessed through

- **Two internal tests.**
- **University external lab exam.**

File Description	Documents
Any additional information	[View File]()
Link for additional information	https://ggnindia.dronacharya.info/academiccalendar.aspx

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

College has a Grievances Redressal Cell which looks after grievance related to the examination. If any discrepancy like mistakes in question paper, mark allocation, correction is noticed by the students, the concerned faculty member will resolve the discrepancy, and the necessary corrections will be made. If a student is not satisfied with the marks awarded even after resolved by the faculty member, then he may represent the same to the HOD concerned. All such representations are taken positively and are reassessed by another faculty member if necessary.

File Description	Documents
Any additional information	[View File]()
Link for additional information	https://ggnindia.dronacharya.info//Downloads/handbooks/Student-Resource-Book-DCE.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The affiliating University designed & revised the Curriculum based on the current trends in the competitive world, societal and industry needswhich provide a trust for national development. The job potential of the course structure is given prior importance. Periodic changes and improvements in the curriculum are made to meet the changing demands of the global world.

The faculty focus on the students' attainment in higher order learning to develop various skills, especially their cognitive thinking. Programme Outcomes (PO) were formulated reflecting the Vision, Mission and Strategies of the College and the affiliating University. While formulating POs, the College considered academic excellence, research potency, scope of extension activities, human values, livelihood generation, and recent trends in the job markets. The suggestions of the alumni and other stakeholders were also taken into account. The entire curricular were restructured and the assessment pattern was modified in consultation with experts. The students were informed with the PO pattern through the College Website and orientation programme by the concerned course teachers.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://ggnindia.dronacharya.info/CSE/Syllabus.aspx
Upload COs for all courses (exemplars from Glossary)	[View File](#)

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

Each program taught by the faculty to the students has a defined set of program outcomes and corresponding evaluation criteria. The program outcomes are used to provide the quantitative measurement of how well the students have learned. The performance of the students in the examinations during the semester in each subject of study is used to compute the level of attainment of the POs.

Assessment methods include direct and indirect methods. The process of program outcome assessment by direct method is based on internal tests, laboratory performance, sessional examinations, completion of assignments, participation in workshops, conferences, and competitions and completion of projects in assigned time. Behavioral outcome is analyzed through participation in various events held across the year. Class tests are scheduled by the teachers after completion of each topic and the analysis is done after which the strategy for improvement is made. It helps to measure the attainment of programme outcomes. Some activities like Quiz competition are also held which makes the institution know about the knowledge and information of the students. Slow learners and quick learners are also segregated at this level.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://ggnindia.dronacharya.info/CSE/peos_pos.aspx

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

587

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://mdu.ac.in/UpFiles/UpPdfFiles/2024/Jun/4_06-06-2024_12-05-32_B.TECH%20PROVISIONAL%20MERIT%20LIST%20DEC%202023.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)
https://ggnindia.dronacharya.info/Downloads/Admin/SSS-2023-24.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://dst.gov.in/

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

55

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

21

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

19

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college has a functional NSS Cell and the cell is responsible for carrying activities in the neighborhood. The cell sensitizes its students towards community needs. Through this unit, various extension activities are carried in the nearby areas by the students. Students actively participate in social services. Tree plantation drives, cleanliness drives, awareness programs on eradication of single use plastic, education of girl child, programme on female feticide, Beti Bachao Beti Padhao, health check-up camps, blood donation camps, educating about causes and symptoms of diseases like AIDS, Dengue, Malaria, etc., cloth donation, sanitary napkin distribution, no vehicle day were some of the events carried throughout the year. NSS volunteers address the social issues and contribute towards society by making the locals aware about many social evils. In addition to NSS unit, all the departments of the college are also conscious towards shaping the students into responsible citizens of the country.

Outcomes observed:

The extension activities carried in the neighborhood areas mentioned above have resulted into positive impact on the students by facilitating learning opportunities, building leadership, community relationship, building responsible citizens, upgrading their self confidence levels, moulding personality, uplifting fitness levels and cultivating the spirit of belongingness and responsibility towards society and country at large.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/dce-nss-club/DCE-NSS-Club.aspx
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

54

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

78

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

4222

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

26

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

26

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

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.

Dronacharya College of Engineeringis supported with good infrastructural facilities to uplift academic and non-academic areas of the students. The college follows norms laid down by AICTE and affiliating University, Gurugram University regarding infrastructural facilities. The college has a total land area of 10.4 Acres. The college has all the facilities for teaching –learning as shown below:

Classrooms: The institute has adequate number of classroom for conducting the theory classes. They are fully furnished, ventilated, spacious and equipped with LCD projectors to facilitate the teachers to adopt varied teaching methods for interactive learning experience.

Laboratories: The institute has Laboratories with state of the art equipment and machinery for the students to carry practical projects and research works. All laboratories are operational, and well maintained.

Auditorium: The College has a fully air conditioned well-furnished Auditorium fitted with LCD Projector & sound proof Audio-Video facilities. It has a seating capacity of over 450 people

Computing equipment: Institute has sufficient number of computers. All computers are equipped with high internet speed.

ICT Tools: the college is having all the ICT enabled tools viz: projectors, LCD's, printers, scanners, smart classrooms, smart boards, mic, sound system, Library Automated System, etc. A well-equipped Library and having more than 600 computers are available in the college for supporting students learning.

The college also has vast playground for Co-curricular & Extra-curricular activities. All indoor games equipment are also available in the college .

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://ggnindia.dronacharya.info/Infra structurePhotogallery.aspx

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

Facilities for Cultural activities:

There is a recreational hall inside the premises. Numerous musical instruments viz: drums, guitar, keyboard, flute, mics, etc. are available for the use of students. Certain cultural activities which are organized round the year are: Fresher's party, Women's day, Teacher's day, etc.

Students also take part in nukkad natak, fetes, talent hunt competitions like singing and dancing competitions, idea presentations, creative writing competitions, poetry competition, poster making competitions, etc.

Facilities for Sports:

The college also has vast playground for sports activities. All indoor games equipment are also available in the college for students relaxation. Annually sports week is organized in the campus. It covers competitions like cricket tournaments, football matches, volleyball, badminton matches, table tennis etc.

Yoga:

Yoga is conducted in meditation Hall every morning. Students practice Yoga in the zero period and gain the necessary energy required throughout the day. Each year Yoga Day is celebrated with maximum participation

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://ggnindia.dronacharya.info/Clubs.aspx

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

74

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

74

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://ggnindia.dronacharya.info/InfrastructurePhotogallery.aspx
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

296.67

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Dronacharya College of Engineering, Gurugram in a prominent college at Gurugram imparting education in the field of Engineering since 1998. The facilities provided in the institution very well cater the needs of the students and faculty members. The college has a vast library having a seating capacity of 200 heads. The library has a reading hall and separate computers for students to access e-journals. The library is continuously updated in terms of latest books, journals and e-contents. It consists of 34000+ books, approximately 150 journals and a huge collection of magazines. College also has taken subscription of digital resources to facilitate learning. The library is automated with digital facilities using Integrated Library Management System (ILMS). The details of the same are: Name of ILMS software: E-granthalaya 3.0 Nature of automation (fully or partially): Fully Version: 3.0 Year of Automation: 2005 The students can get access of the library resources till the college hours. Students and faculty members regularly visit the library for study purposes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://ggnindia.dronacharya.info/library.aspx

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-	A. Any 4 or more of the above

books Databases Remote access toe-resources	

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

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

3.02

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

321

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Dronacharya College of Engineering, Gurugram has a well-equipped computer lab. College continuously upgrades its technology, infrastructure and teaching-learning methodologies. The institution provides IT enabled teaching-learning environment in the campus. Wi-Fi and CCTV facility is available in the institute. Institute is using 540 Mbps Internet speed in order to have an uninterrupted teaching-learning

atmosphere. All the departments of the college are provided with computer and other related equipment to facilitate learning. All faculty members use the ICT tools in the classrooms and laboratories for upgrading learning. Anti-virus is regularly installed in computers for avoiding any possible breakdown or system

crash. More than 600 desktops are available in the laboratories to facilitate learning. There are 64 smart classrooms and 10 seminar halls, all equipped with LAN, WiFi, Audio Devices, Smart Board and LCD Projector. Significant investment has been made to upgrade classrooms to e-classrooms/smart classrooms.The students utilizes wi-fi for project related works, assignments, interactive sessions etc. The campus is well connected with intercom facilities.Cordless Mic, Sound system, Biometric Machine, printers, scanners and laptops are some other tools, the college is equipped with.

The faculty member used various ICT-enabled learning tools such as PPTs, video clips, audio systems, and online sources like Google Meet, ZOOM, Microsoft Teams, etc. to provide advanced knowledge and hands on learning to students. Teaching and learning methods used by teachers include experiential learning which requires 24 hours internet connectivity. The classrooms are equipped with LCDs, OHPs, and computers.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://ggnindia.dronacharya.info/InfrastructurePhotogallery.aspx

4.3.2 - Number of Computers

`690`

File Description	Documents
Upload any additional information	[View File](#)
Student – computer ratio	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution	`A. ? 50MBPS`

File Description	Documents
Upload any additional Information	[View File](#)
Details of available bandwidth of internet connection in the Institution	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

`930.53`

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

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.

The institute adopts established system and procedures for maintaining and utilizing physical, academic and support facilities such as laboratory, sports complex, computer, classroom etc. in the institute. There is separate representation to take care of the utilization and maintenance of the physical, academic and support facilities.

Laboratories: Each laboratory is having Lab-in Incharge, Lab Assistant and attendant. Lab-in charge is responsible to maintain and upgrade the laboratory with necessary equipment to maintain and upgrade the laboratory with necessary equipment's needed with the change of syllabus. Verification of working, non-working and missing equipment is carried out on regular basis. Each laboratory assistant keeps the record of utilization of equipments, computers and other required material for experiments.

Library: Librarian with supporting staff has been appointed to maintain library. The library is continuously updated in terms of latest books, journals and e-contents by the librarian. The operation and services of Library are fully computerized with e-Granthalaya . The library has a reading hall and separate computers for students to access e-journals, while the subscribed e-journals can also be accessed from any networked computer in the institute. At end of the Academic year books verification is done.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://ggnindia.dronacharya.info/Infra structurePhotogallery.aspx](https://ggnindia.dronacharya.info/InfrastructurePhotogallery.aspx)

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

0

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	[View File](#)
Upload any additional information	[View File](#)
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	[View File](#)

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

563

File Description	Documents
Upload any additional information	[View File](#)
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	[View File](#)

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above

File Description	Documents
Link to institutional website	https://ggnindia.dronacharya.info/
Any additional information	[View File](#)
Details of capability building and skills enhancement initiatives (Data Template)	[View File](#)

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

`1140`

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

`1140`

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	`A. All of the above`

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

474

File Description	Documents
Self-attested list of students placed	[View File](#)
Upload any additional information	[View File](#)

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

5

File Description	Documents
Upload supporting data for student/alumni	[View File](#)
Any additional information	[View File](#)
Details of student progression to higher education	[View File](#)

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

52

File Description	Documents
Upload supporting data for the same	[View File](#)
Any additional information	[View File](#)

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural

activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

23

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
Any additional information	<u>View File</u>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<u>View File</u>

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

The Institution aims for all-round development of students involving their physical, mental, social, cultural, and spiritual well-being and discipline. The Registrar of the institute strives hard to make young engineers industry ready professionals. Registrar works very closely with the Student Committees to continuously improve the quality of campus life. Institute is running different clubs: Sports Club, Cultural Club, Technical Language Society, Robotics Club, Coding Club. These clubs create a bridge between Students and Faculty members in the institute. With the objective to ensure excellence in academics, Institute selects two class representatives to take authentic feedback/response from the students. This is done through frequent C.R meetings with the concerned HOD, Registrar and Director. There is also a transparent online feedback system. Many students are also appointed as a member in different committees of the institute like Anti- Ragging Squad, Grievance Redressal Cell, IQAC committee. To make students industry-ready, Institute is running Centers of Excellence, Clubs in Innovation Cell, and various departmental clubs at the institutional level.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/events/Career-Couselling-for-future-29-june-2024.aspx?Month=June&Year=2024
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

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

35

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

The Alumni association of DCE,Gurugram believes in creating a link between the alumni, staff, and students of the institute. DCE alumni are currently working at various positions all over the globe and also running some successful businesses.

The Alumni Association contributes through various means:-

1. Alumni Interaction: Alumni of DCE give inputs to aspiring B.Tech graduates. They are invited as resource persons at various events, guest lectures and panel discussions. Many alumni connect programs are also

organized throughout the year to guide the students. They provide inputs and share their experiences regarding skills, recent technologies & trends in corporate world, application of knowledge and corporate working culture.

2. Placement & Career Guidance Assistance: Alumni are working in organizations at various capacities. They keep the T&P department abreast about the available job opportunities and the job specifications required to perform different jobs. They assist and guide the students to prepare for the interviews.

3. Campus recruiters: Alumni come to campus as recruiters for their companies and also recommend and promote DCE to their employers for campus placements.

4. Book Donation: Alumni of DCE also supports by Contributing Books.

5. Summer Internship Opportunities: Alumni also guide the students for various internship opportunities available.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/Downloads/Admin/Alumni-DCE.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Dronacharya College of Engineering, Gurugram since its inception in 1998 essays the role of a change leader, driven by a relentless pursuit of Academic and Professional Excellence. DCE, Gurugram is affiliated to Gurugram Universityand approved by All India council of Technical

Education, New Delhi (AICTE, New Delhi). College offer B.Tech and M.Tech programme.

Management, IQAC, and other governing bodies fulfil the vision and mission statement of college. The administration works to make the college as top-tier institution in UG and PG, programmes. Goals of college represent the governance of the institution, which is in accordance with its vision and mission.

College guarantees equal access to quality higher education in Science for all eligible and meritorious students from all socioeconomic levels.The member from management is also committee member of IQAC. Principal works as institutional academic and administration Head, Chairman of IQAC and faculty members from all levels are members of IQAC and other committee also.

The decentralization of academic, co-curricular, extra-curricular, and administrative governance is managed through various college committees. The academic and administrative policies are planned by the academic administrator and monitored at regular intervals through the IQAC, Staff Council and the Council of Heads.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/Downloads/Admin/Organogram-GGN.pdf
Upload any additional information	View File

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

The Institute practices decentralization and participative management to achieve excellence by involving faculty, staff and students in all its activities at various levels. It has a well-designed organizational structure with different bodies and committees and well-defined processes to provide leadership and manage different functions and initiate timely action, in tune with its vision and mission. Some practices of decentralization and participative management includes:

   1. All the important decisions related to the institute

2. are taken by the Director in consultations with the Registrar and Head of departments.
2. The Director is the academic and administrative head of the Institute and the Member of the Governing Body.
3. The HOD's are responsible for day to day administration of the department and report same to the Principal.
4. Faculty members and staff member can give suggestions and idea for improvement
5. Students also participate through different formal and informal feedback mechanisms.

The institute for all time supports the culture of participativemanagement by involving staff and students in various activities. The students and faculties are allowed expressing themselves for any suggestions to improve the excellence of the Institute. The Principal, Registrar, HODs and faculty members and staff members are involved to defining the policies and procedures, making guidelines and rules/regulations pertaining to admission, placement, discipline, grievance, counselling, training development, and library services etc.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/Downloads/Admin/Organogram-GGN.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The salient features of the strategies being adopted at the institute are:

1.Participating in various competitions by the students.

2.Purchasing of new equipment for upgrading laboratories and establishing new labs. Developing Multidisciplinary innovation ecosystem, project based learning for students. Advising and encouraging students for taking up entrepreneurship roles.

3.Internships and Industry based projects for students are also focused upon.

4.Suggesting the students about various government & private aided scholarships, so that students could take benefit from them.

5.Sponsoring faculty members and students to National/International level events, conferences and workshops

6.Publishing paper in reputed journals by faculty members and encouraging students to carry more case studies.

7.Increase number of Patent filing.

8.Signing MoU with industry for training, interaction, inviting experts for interactive sessions. Introduce Certificate/Value Added Courses.

9.Organize Workshops/Training for Faculty/ Organizing Conferences. Guest Lecture, Association Activities of respective departments.

10.Industrial and Field Visits, Alumni interaction, conduction of NSS activities. Training of Non-teaching staff.

College provides freedom and opportunities to the faculty to plan and implement various academic, extra- curricular and extension activities throughout the year.

Various policies are designed and implemented in the college by the respective authorities. These policies include:

E-Governance Policy

IT Policy

Grievance Redressal Policy

Anti-Ragging Policy

Recruitment Policy

Appraisal policy

Admission Policy

Campus Placement Policy

Green Campus Policy

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://ggnindia.dronacharya.info//Handbook.aspx
Upload any additional information	[View File](#)

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.

College strictly follows the guidelines established by UGC, NAAC, Govt. of Haryana and affiliated University, Gurugram University from time to time. Organizational structure of college start with Governing Body and the suggestions and feedback are taken from the academic and non-academic heads and students also. Development Committee consists of members of management, HOD's of all departments and non- teaching staff, nominated members and Principal. IQAC consists of teachers, non-teaching staff, nominated members of Alumni Association, one nominee from industry / employer and stakeholder and student representative. Office- staff comprises of Back-office team, HR personnel, Accountant, peons, and watchmen.

College provides freedom and opportunities to the faculty to plan and implement various academic, extra- curricular and extension activities throughout the year.

Various policies are designed and implemented in the college by the respective authorities. These policies include:

E-Governance Policy

IT Policy

Grievance Redressal Policy

Anti-Ragging Policy

Recruitment Policy

Appraisal policy

Admission Policy

Campus Placement Policy

Green Campus Policy

Any non-compliance with the policies draws punishment. College does not support/follow the policy of corporal punishment.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info//Handbook.aspx
Link to Organogram of the Institution webpage	https://ggnindia.dronacharya.info/Downloads/Admin/Organogram-GGN.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

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

6.3 - Faculty Empowerment Strategies

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

DCE has provided formats for performance appraisal reports of

teaching and non-teaching staff. Each staff member of the institution is provided with the Self-appraisal form. Afterwards, Head of the respective departments and Principal evaluates performance of teaching and non-teaching staff. The Management takes review of performance appraisal reports and an appropriate decision is taken whenever required

Following are the various welfare schemes for Teaching and Non-teaching staff.

· Free transportation facility is provided for faculty

· Medical facilities are available for all faculties

·Financial support and duty leave is provided for all faculties who present papers in national and international conferences, attend seminars, Workshops and industrial training.

· Maternity leave for women is provided

· Leave for higher studies

· Group insurance for faculty members with their family members

· Leave encashment policy

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info//Downloads/handbooks/Faculty-Hand-book-2023-24-DCE.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

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

77

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

14

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

108

File Description	Documents
IQAC report summary	[View File](#)
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	[View File](#)
Upload any additional information	[View File](#)
Details of teachers attending professional development programmes during the year (Data Template)	[View File](#)

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institute has performance based appraisal system for the assessment of teaching and nonteaching staff. The appraisal report is based on the annual performance of the employees on the basis of their academic, research and other extra- curricular activities.

Performance Appraisal system for Teaching Staff:

The faculty member performance is appraised through his/her implementation of innovative methodologies in classroom lectures, seminars, tutorials, course delivery, question paper setting and evaluation, updating of materials etc. Besides, student feedback and pass percentage of the course are also considered. The performance of the faculty is evaluated based on contribution to College administrative bodies such as college academic council, R&D council, planning and development committee, etc. The above set performance appraisal report is filled by employee in a given prescribed proforma which includes all the above set related to points and sub points. Filled in the prescribed format is revised by HOD to assess the attitudinal / behavioral / professional aspects of the faculty concerned.

Performance Appraisal system for non- teaching staff:

A few strategies are observed in appraising non-teaching staff's performance this includes technical contribution of individuals such as subject knowledge, awareness, productivity, quality, innovation willingness to learn,

diligence etc. besides they also assess the behavioral aspects like group behavior, acceptability, punctuality etc

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/Downloads/Admin/AICTE-360-Degree-Teacher-Feedback.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Dronacharya College of Engineering, Gurugram follows well planned and systematic strategy for fund mobilization. The college maintains a transparent and accountable financial system for effective utilization of resources for funds.

The college ensures strong adherence to financial transparency. Regular audits are a part of the process. The internal audit is carried out on quarterly basis. Student fees are the primary source of income for the institution. The management usually provides funds for infrastructure development regularly and on the request given by the academic andteaching faculties, the report is eventually handed over to the management administrative departments. Annual audit is conductedcommittee. both internally and externally. The Internal audit is conducted by the Accounts Department of college and the report is submitted to the Managing Trustee for further action. The external audit is conducted by the CA.

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/IQAC.aspx
Upload any additional information	View File

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

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

8

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institute always monitors the effective and efficient use of available financial resources for the infrastructure development to support teaching learning process. Dronacharya College of Engineering is a self-financed private institute, tuition fee is the main source of income. Along with tuition fee, research grants from various Government and Non-Government agencies, consultancy projects. These funds are utilized for all recurring and non-recurring expenditure. The institution has a well-defined mechanism to monitor effective utilization of available financial resources for the development of the infrastructure to augment academic needs. All the administrative and academic heads along with coordinators of different cells will submit the budget requirements for the coming academic year. The finance committee prepares an annual budget estimate duly considering the proposals received and also the recommendations of the principal and management. All the major financial decisions are taken by the institute's financial committee and Governing Body (GB). Institute adheres to utilization of budget approved for academic expenses and administrative expenses by management. After final approval of budget the purchasing process is initiated by purchase committee which includes all head of departments and account officer, accordingly the quotations called and purchase orders are placed after final negotiations. Financial audit is conducted by chartered accountant for every financial year to verify

the compliance

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/IQAC.aspx
Upload any additional information	View File

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

Dronacharya College of Engineering, Gurugram reviews its teaching learning process structure methodologies of operations and learning outcomes at regular intervals. Academic Administrator reviews all processes and methodologies taken by faculty members. Feedback from different stakeholdersis taken into consideration. Industry expert's academic experts and other dignitaries who visit the campus on different occasions interact with faculty and gave their suggestion.The IQAC at college was constituted on 05/12/2005. Since then, it has been performing the following tasks on a regular basis.

1. Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from all the stakeholders.

2. Providing inputs for best practices in administration for efficient resource utilization for development of students and staff.

3. Providing inputs for Academic and Administrative Audit and analysis of results for improvement in weak areas

IQAC has been constituted as per the format prescribe by the NAAC and meetings are held periodically. Quality assurance strategy and processes are being discussed and subsequently review by IQAC cell has initiated various measures

The initiatives under taken are

• Formation of IQAC committee

- **Annual Quality Assurance Report (AQAR) submitted on time**

- **Formation of Institution's Innovation Cell at college**

- **Feedback collection from students, faculty and alumni**

- **Strengthening Core Competency of students through Technical Skill development activities**

- **Participation in NIRF**

- **Performance Based Appraisal System (PBAS) for Career Advancement Scheme (CAS)**

- **Initiative taken for Green Audit.**

- **Review of teaching learning process**

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/IQAC.aspx
Upload any additional information	[View File](#)

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

The IQAC at college was constituted on 05/12/2005. Since then, it has been performing the following tasks on a regular basis.Feedback from different stakeholdersis taken into consideration. Industry expert's academic experts and other dignitaries who visit the campus on different occasions interact with faculty and gave their suggestion.

1. Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from all the stakeholders.

2. Providing inputs for best practices in administration for efficient resource utilization for development of students and staff.

3. Providing inputs for Academic and Administrative Audit and

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IQAC has been constituted as per the format prescribe by the NAAC and meetings are held periodically. Quality assurance strategy and processes are being discussed and subsequently review by IQAC cell has initiated various measures

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• Annual Quality Assurance Report (AQAR) submitted on time

• Formation of Institution's Innovation Cell at college

• Feedback collection from students, faculty and alumni

• Strengthening Core Competency of students through Technical Skill development activities

• Participation in NIRF

• Performance Based Appraisal System (PBAS) for Career Advancement Scheme (CAS)

• Initiative taken for Green Audit.

• Review of teaching learning process

File Description	Documents
Paste link for additional information	https://ggnindia.dronacharya.info/IQAC.aspx
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://ggnindia.dronacharya.info/IQAC.aspx
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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 year

Dronacharya College of Engineering, Gurugram conducts Gender Audit in 2023-24 to put a check upon the gender related issues and the resolution of the same. The audit's purpose is also to identify ways to make college safe for women and to create awareness about facilities available in the college for both the genders. It is also ensured that adequate seminars, lectures, workshops are conducted for awareness about gender equality.

To promote women education, the Institute makes consistent efforts. The Institute organizes several training programs, seminars, workshops etc. on gender equality, gender related issues and sensitization.

Both gender students are encouraged to participate in the events, presentations and competitions. All the year round, there are events and seminars wherein girl student is equally motivated to participate. Many extra-curricular activities are also organized where the girl students are on an equal platform like boy students.

Gender equality in representation of women in all top positions could also be witnessed. The HOD of all departments, Academic Head, Placement cell, Office of the Deans, HR are all headed by women. The College provides equal

chance to all faculty and students to undertake academic research, submit innovative projects, implement projects and file patents. Married female employees of DCE are eligible for Maternity Leave.

File Description	Documents
Annual gender sensitization action plan	https://ggnindia.dronacharya.info/Woman-Development-Cell.aspx
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://ggnindia.dronacharya.info/Woman-Development-Cell.aspx

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

At Dronacharya College of Engineering, efforts are being laid upon by the management to spread awareness about cleanliness and safely disposal of waste.

Solid Waste Management: Waste like plastic, metals, glass, cardboard, newspaper and stationery are systematically collected, segregated and sold to Greenobin Recycling Pvt. Ltd. And all the waste is channelized for recycling.

Liquid Waste Management: for the management of waste water

from cafeteria, academic areas and canteen, water is properly disposed off in the ground. College also supports rain water harvesting.

Bio-medical waste management: Biodegradable kitchen waste from canteen, horticultural waste such as dried leaves, twigs, and plant clippings is collected from all around the campus and used for vermicomposting. Waste food and leftover of mess and cafeteria is taken away by staff for hog feeding.

E-waste management: The electronic waste components such as computer system components, CPU and ICs are used in practical demonstration to our students. Some of the reusable electronic components like resistors, capacitors, inductors, diode, transistor, thermistors etc. are removed from the gadgets and used by students in making projects in DIY. Students are also made aware of E-Waste issues and its safe disposal.

Waste recycling system: To recycle solid waste Vermicomposting is used. • Food Waste is fed to stray dog • Liquid Waste is used

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://ggnindia.dronacharya.info/Infra structurePhotogallery.aspx
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 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**	**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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 200 words).

Dronacharya College of Engineering, Gurugram lays efforts to

provide an environment which make the students aware about the diverse cultures and traditions prevailing in the country. Many activities are organized throughout the year in and outside the college campus for providing an opportunity to understand the customs of diversified Country. Varied festivals of the country belonging to different religions, regions and communities are celebrated under one roof. Festivals of Holi, Deepawali, Lohri, New Year, Bihu, etc. are celebrated with great zeal year after year. The celebration of these functions helps in developing harmony towards culture, region, linguistic and also communal social economics. Every year, the college organizes Orientation Day, Fresher's Party and Induction Program for the students The college also has an in-built sports club meant for playing games of all the regions. Students are also encouraged to participate in many state and national level games which fosters participative culture.

Apart from imparting education, a feeling of belongingness and oneness among the student community is also build by way of celebrating and observing various practices and programs. Ambedkar Jayanti, Gandhi Jayanti, NSS Orientation Day, Republic Day, Independence Day, Constitution Day, Azadi ka Amrit Mahotsav, Environment Day, Women's Day, Girl Child Day, Yoga Day.

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

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Apart from imparting education, a feeling of belongingness and oneness among the student community is also build by way of celebrating and observing various practices and programs. Ambedkar Jayanti, Gandhi Jayanti, NSS Orientation Day, Republic Day, Independence Day, Constitution Day, Azadi ka Amrit Mahotsav, Environment Day, Women's Day, Girl Child Day, Yoga Day, Children's Day, Teacher's Day, Martyr's Day, Yoga Day, World Water Day, Voter's Day, Earth Day, etc. are

celebrated every year to sensitize and enlighten students and make them responsible citizens. Motivational lectures by the eminent persons of the field are also delivered for sensitizing students and staff to the constitutional obligations. Students and staff of the college participate in many awareness camps addressing social causes. A compulsory course on Constitution of India and Human Ethics is made mandatory for all the students. The college has always been in the practice of organizing activities that not only initiate but also motivate the students to adopt various practices that promote the "Unity in Diversity."

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

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

File Description	Documents
Code of ethics policy document	[View File](#)
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 File](#)
Any other relevant information	[View File](#)

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

At Dronacharya College of Engineering, Gurugram, many national and international days are celebrated round the year to commemorate the braveries of India. It is an integral part of learning and building a strong cultural belief in a student. The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year.

To name a few, such celebrations include:

- Independence Day celebration.

- Republic Day celebration.

- Earth Day celebration.

- Martyr's Day observance.

- International day of Yoga celebration.

- Swachta Abhiyan on the occasion of Gandhi Jayanti.

- Forest day celebration.

- Voters Day.

- Environment Day.

- **Azadi Ka Amrut Mahotsav.**

- **Ambedkar Jayanti**

- **Birthday of Dr. Sarvapalli Radhakrishnan**

- **Birth Anniversary of Swami Vivekananda**

The college celebrates these events with great passion to commemorate the philosophy of nationalism and to pay tribute to our great National Leaders. The Faculty, Staff and Students of the college come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout. Certain poster making competitions, essay writing competitions, presentations and speech deliveries are organized to make the students aware of the importance of these days.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	[View File](#)
Geo tagged photographs of some of the events	[View File](#)
Any other relevant information	[View File](#)

7.2 - Best Practices

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

Title of the Practice: Project Based Learning from 2 year

Objectives of the Practice:

- **To impart skills to analyze the real world problem and challenges.**

- **To improve the ability of applying concepts learned during the course to real-life experiences.**

- **To conduct interactive hands-on sessions in place of traditional classroom instruction.**

- **To increase the problem solving skills and innovative skills of students.**

- **To improve the practical skills of the students.**

- **To provide comprehensive and all-round education.**

Title of the Practice: Fostering Employability Skills

Objectives of the Practice:

To escalate and empower quantitative and qualitative aptitude of the students. To get students ready for the interviews or entrepreneurship.

To bridge the gap between industry and academia.

To develop student's adaptability tothe demand of industry.

To develop soft skill.

To foster critical thinking abilities.

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

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

One of the primary priorities of the college is academic excellence. This is achieved by following rigorous curriculum of the affiliating University which covers the latest developments in technology and engineering. The faculty members of the colleges are highly qualified and experienced, and they impart knowledge through a variety of teaching methods such as lectures, tutorials, and hands-on projects. The college is equipped with all the modern facilities and machineries to enhance the learning of the students. The latest ICT tools and smart boards such as Google Classroom,

Video Conferencing Tools: Microsoft Teams, ZOOM, Google Meet, PPT, Video clippings, audio systems, Virtual Labs are available in the college to support learning and to expose the students for advanced knowledge and practical learning. The college campus is also supported with uninterrupted Wi-Fi. To make students academically sound, the college is also running Centers of Excellence, various Clubs, viz: Coding club, Sports club, Technical language club, Robotics club, NSS club are also formed which relates to academic and non-academic areas. Workshops, seminars, guest lectures, industry visits and field excursions are also organized to upkeep the students about the latest trends and technologies.

File Description	Documents
Appropriate web in the Institutional website	[View File](#)
Any other relevant information	[View File](#)

7.3.2 - Plan of action for the next academic year

Plan of Action for Academic Year 2024-25 1. To get Department level Accreditation by NBA

2. To increase the Placement Percentage and Average package

3. To increase number of Research Publications in indexed journals