

Guidelines for the Creation of the
Internal Quality Assurance Cell (IQAC)
and Submission of Annual Quality Assurance
Report (AQAR) by Accredited Institutions
(For Affiliated/Constituent Colleges)



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, **Bengaluru - 560 072** India

Guidelines for the Creation of the
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(Revised on 26th September, 2019)

**The Annual Quality Assurance Report (AQAR) of the IQAC
(For Affiliated/Constituent Colleges)**

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, June 1, 2017 to May 31, 2018)*

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution Dronacharya College of Engineering

- Name of the Head of the institution: Prof. (Dr.) BMK Prasad
- Designation: Principal
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no.: 0124-2375502
- 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 : 123506

2. Institutional status:

- Affiliated / Constituent: Affiliated
- Type of Institution: Co-education/Men/Women : Co-education
- Location : Rural/Semi-urban/Urban: Rural

- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing (please specify) Self financing
- Name of the Affiliating University: Maharshi Dayanand University, Rohtak
- Name of the IQAC Co-ordinator : Dr. Ashima Mehta
- Phone no. : 0124-2375502

Alternate phone no. : 0124-2375503

- Mobile: 9803505262
- IQAC e-mail address: ashima.mehta@ggnindia.dronacharya.info
- Alternate Email address: hodcse@ggnindia.dronacharya.info

3. Website address: <https://ggnindia.dronacharya.info/>

Web-link of the AQAR:

https://ggnindia.dronacharya.info/Downloads/Admin/AQAR_2017-18_24122018.pdf

4. Whether Academic Calendar prepared during the year?

Yes/No....., if yes, whether it is uploaded in the Institutional website: Yes

Weblink: <https://ggnindia.dronacharya.info/academiccalendar.aspx>

5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	B	07	2005	from: 2005 to: 2010
2 nd	B	2.92	2012	from: 2012 to: 2017

6. Date of Establishment of IQAC: DD/MM/YYYY: 05/12/2005

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Summer School on Microsoft Azure	4th June – 14th July 2018	45
Industrial visit to Apron Solutions Pvt Ltd	28th July, 2018	50

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Note: Some Quality Assurance initiatives of the institution are:

(Indicative list)

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.
- Any other Quality Audit

8. Provide the list of funds by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Mr.Chandra Shekhar	FIST	DST	2018-19	1400000
Dr. Yogita Shukla	SSTP	DST	2018-19	1280520
Dr. Sangeeta Singla	SSTP	DST	2018-19	2765892
Mr.Chandra Shekhar	ICPS	DST	2018-19	900000

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: YES

*upload latest notification of formation of IQAC [VIEW FILE](#)

10. No. of IQAC meetings held during the year: 2

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

Yes/No YES <https://ggnindia.dronacharya.info/IQAC.aspx>

(Please upload, minutes of meetings and action taken report)

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

If yes, mention the amount:

Year:

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

- Institution Innovation Council established at **Dronacharya College of Engineering, Gurugram** for promoting innovation and startups.
- **Up skilling of students:** Many Industrial Visit, Guest lecture, workshop, summer school were organized for the students. Also students were encouraged to participate in the competitions and conferences.
- **For Faculty to learn latest technology and also to ensure the gap between academia industry faculties are encouraged to attend FDP's seminars, conferences.**
- **To promote Entrepreneurship** many Entrepreneurship Awareness camps were organized.
- Many campus drives were conducted to achieve the target of 100% placement.

13. 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

<p>Placement in core companied will be emphasized.</p>	<p>Students are placed in core companies like Maruti Suzuki India Ltd., Minda Nabtesco Automotive Pvt. Ltd, , AlsoEnergy India Pvt. Ltd., Appventurez Mobitech Pvt. Ltd., Encore Capital Group (MCM), PPAP Automotive Limited, Jyoti CNC Automation Ltd., Bristlecone- A Mahindra Group, Beda Flow Systems India Pvt Ltd., Leixir Resources Pvt. Ltd., Maroon Insights LLC, Motherson Sumi Systems Limited, Roop Polymers Ltd., Sun Vacuum Formers Pvt. Ltd., Tata Consultancy Services Ltd., Vegazva Engineering Pvt. Ltd., Cape Electric Pvt. Ltd., Nippon Seiki Instruments India ltd, Azcom Infosolutions (India) Pvt. Ltd, Unistal Systems Pvt. Ltd., etc</p>
<p>Conduct summer school internship on latest technology.</p>	<ul style="list-style-type: none"> ➤ Summer School on "R Programming" ➤ Summer School Training on Solidworks & MATLAB ➤ Summer School on "Robotics" ➤ Summer School on Web Development & Designing
<p>Focus more on research and development.</p>	<p>Faulty members and students are encouraged to publish more research papers.</p>
<p>Encourage students to participate in various competitions.</p>	<ul style="list-style-type: none"> • Student participated in FIA and won 1st prize • Student participated in FAER McAfee Scholar Award Program 2019 and won 1st prize. • Students participated in Efficycle 2018 • Student participated in RENDEZVOUS 2018 • Students participated in project Innovation contest and won 4th position.

14. Whether the AQAR was placed before statutory body? Yes /No: Yes

Name of the Statutory body: Management Date of meeting(s): MOM: 20th July 2018

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

Yes/No: NO

Date:

16. Whether institutional data submitted to AISHE: Yes/No: Yes

Year: 2019

Date of Submission: 26/02/2019

17. Does the Institution have Management Information System?

Yes ✓ No

If yes, give a brief description and a list of modules currently operational.
(Maximum 500 words)

Yes- College has **DCORE**- College's customized Management Information System

Biometric Attendance System for faculty and staff. Biometric machine is using two different modes of punching attendance either by face scanning or by fingerprint scanning. Faculty and staff total working days are calculated by machine automatically by counting the number of punch in the respective month. Details of salary of employees are also maintained by the system. Salary slip is generated and sent to employees through the system. Whole campus and buses are under CCTV surveillance to monitor and keep track of activities taking place in College premises or in buses. All the library operation including Accessioning, books transaction records, books availability are all maintained through the system. Students can check book availability in the library and also issue date and return date for the same book.

Part-B

CRITERION I – CURRICULAR ASPECTS				
1.1 Curriculum Planning and Implementation				
1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words				
<p>College is affiliated to M. D. University Rohtak 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 MD University, Rohtak regarding the development of curriculum. The institution imparts quality education to the students by optimal utilization of resources. The institution has developed a structured and effective implementation of the university curriculum. 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. To ensure quality education many NPTEL videos, IIT Bombay lectures are also uploaded on college websites. Question Bank of respective subject are prepared by the faculty and uploaded on the website that helps students during the university examinations. To guide students for higher studies GATE class are also conducted by the faculty and question for the same are also provided to the students. Management ensures uniform procedure is followed throughout the campus. Before the beginning of each semester, Academic Calendar is prepared as per the M. D. University Rohtak academic schedule and the requirements at the department level are formed. In each semester, two sessional examinations and pre-university examination 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. Parents meeting are convened every semester once or twice to get the feedback about the progress of the wards.</p>				
1.1.2 Certificate/ Diploma Courses introduced during the Academic year				
Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurship	Skill development
Programming In C++ (NPTEL)		2014 (Duration 4 months)	Employability	Yes
Computer Fundamental (Co-cubes)		2012 (Duration 4 months)	Employability	Yes
Advanced CPP (Spoken Tutorial)		2012 (Duration 6 months)	Employability	Yes

Python & Machine Learning (Summer School)		2016 (Duration 1 month)	Employability	Yes	
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1.2 Academic Flexibility					
1.2.1 New programmes/courses introduced during the Academic year					
Programme with Code	Date of Introduction	Course with Code	Date of Introduction		
NA	NA	NA	NA		
1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.					
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
B.Tech	NIL		NIL	NIL	
M.Tech		Yes			Yes
https://mdu.ac.in/UpFiles/UpPdfFiles/2016/Jan/M.Tech%20(Computer%20Science%20&%20Engineering%20).pdf					
Already adopted (mention the year)					2016-17
1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year					
	Certificate		Diploma Courses		
No of Students	950				
1.3 Curriculum Enrichment					
1.3.1 Value-added courses imparting transferable and life skills offered during the year					
Value added courses	Date of introduction		Number of students enrolled		
Advanced Cpp By Spoken Tutorial	7th January 2019		214		
Summer School on Web Development & Designing	10th June -18th July 2019		60		
ENTREPRENEURSHIP AWARENESS CAMP	14th - 16th February 2019		40		

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1.3.2 Field Projects / Internships under taken during the year				
Project/Programme Title		Program Specialization		No. of students enrolled for Field Projects / Internships
B.Tech		Internship		427
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1.4 Feedback System				
1.4.1 Whether structured feedback received from all the stakeholders.				
1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	No	Yes	Yes
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)				
<p>Feedback collection is generally a tool that is used strengthen and enhance the functionality of the institute. The institute collects feedback from all the stakeholders (students, parents, Alumni, employees) on the curriculum development, teaching learning process, extra- curricular activities for the improvement of existing process. Feedback from students is collected at the end of each semester. The feedback is analyzed and corrective actions are carried out to improve the teaching process, conduction of lab, value added courses, advanced technologies and many more. Feedback from final year students is taken on infrastructural facilities for improving the lab and class infrastructure. Feedback from parents is obtained by interacting with them through parent-teaching meeting held once or twice every semester. Feedback regarding curriculum is taken from faculties and students and corrective action are taken.</p> <p>The alumni of the college who've moved on to industry or for higher studies additionally give a feedback on how their years in the institution have helped them perform of their places of work/study. The alumni also give tips on helping the students gain extra knowledge and improve themselves according to the corporate culture.</p>				
CRITERION II -TEACHING-LEARNING AND EVALUATION				
2.1 Student Enrolment and Profile				
2.1. 1 Demand Ratio during the year				
Name of the Programme	Programme Specialization	Number of seats available	Number of applications received	Students Enrolled
B.Tech	CSE	180	300	123
B.Tech	ECE	120	50	24
B.Tech	IT	120	55	22

B.Tech	CIVIL	60	30	10
B.Tech	ECS	60	20	1
B.Tech	EEE	60	20	5
B.Tech	CS&IT	60	75	40
M.Tech	CSE	24	15	3
M.Tech	ECE	24	22	5
M.Tech	IT	24	0	0
M.Tech	ME	24	12	6

2.2 Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018-19	1317	56	164	0	12

2.3 Teaching - Learning Process

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

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
176	176	LCD Projector, Computers,	56	10	ERP, e-

		Laptops, LAN, Wi- Fi, Audio Systems, Whiteboards, Presentation Clicker, USB , Microphone, Head Phone, Printer, Scanner, Subject related power point slides			Journals, Learning Management System, NPTEL , MOOCs,N- List, SHODHGAN GA MEMBERSHI P

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

Yes, Institute is following well-structured mentoring system.

Continuous assessment of students are done during the semester through daily Home Assignments, Class Assignments, Seminars and Group Discussions, Additional Assignments, Quizzes, Class Tests, Projects, Internships, Viva-voce examinations and attendance, enable effective assessment of learning levels of students . To judge the performance of the students at regular intervals three internal sessional examinations were conducted by the college in every semester. Practical Examination is conducted with internal and external examiners. Industrial Project work evaluated through mid-term progress report and also through panel of external examiners.

Mentoring for Weak Students

1. Special Classes are conducted for slow learners, absentees with an aim to improve the academic performance This helps the struggling learners to improve subject knowledge and helps them catch up into their peers.
2. Faculty members give Academic and personal counseling to the slow learners.
3. Group Study System is also encouraged with the help of the advanced learners.
4. PPTs of Lecture and course material available on website.

Mentoring for the advanced students

1. Guiding for career planning.
2. Encouraging students for higher studies
3. Encouraging for Competitive Examinations
4. Guiding and encouraging for research papers in conferences/Journals
5. Training programs for gaining advanced technical know-how.

6. Encouraging students to participate in various symposiums like quiz, poster presentation, National and International Conferences, Competitions etc.		
Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
1373	176	1:8

2.4 Teacher Profile and Quality				
2.4.1 Number of full time teachers appointed during the year				
No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
172	146	26	30	26
2.4.2 Honours and recognitions received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)				
<i>Year of award</i>	<i>Name of full time teachers receiving awards from state level, national level, international level</i>	<i>Designation</i>	<i>Name of the award, fellowship, received from Government or recognized bodies</i>	
2018-19	Chandra Shekhar	Assistant Professor	DST Grant	
2018-19	Yogita Shukla	Associate Professor	DST Grant	
2018-19	Dr. Sangeeta Singla	Assistant Professor	DST Grant	

2018-19	Chandra Shekhar	Assistant Professor	DST Grant
2018-19	Parul Bansal	Assistant Professor	FAER Scholar Awards

2.5 Evaluation Process and Reforms

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

Program me Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
Btech (Computer Science & Engineering)	366	I,III,V,VII	31.12.2018	04.02.2019

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2.5.2 Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Institute is affiliated to M.D University, Rohtak and thus follows the examination pattern of the university. MDU guidelines are strictly adhered to with respect to evaluation process. Three internal sessional are conducted by the college every semester to judge the performance of the students at various intervals. The schedules of internal sessional are informed to the students and faculties in the beginning of semester through academic calendar which is being prepared according to the university academic calendar. Question paper for the internal examination is prepared in the prescribed format by the faculties. HOD's of each department review the prepared question to ensure the level of question paper. Student attendance is compulsory during the examination. Assessment marks are uploaded on institute website. Marks are reviewed by the faculty and HOD's, counseling of students for further improvement was conducted. For laboratory session students are assessed based on the practical done, observation and viva –voice. The evaluation for project course is assessed by conducting periodical project reviews covering key parameters like problem formulations , understanding of the project, presentation skills, communication of ideas , technical knowledge , team work and project management

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

The institute adheres to the Academic calendar prepared according to the calendar provided by M.D University Rohtak. The academic calendar is uploaded on institute website before the beginning of each semester. The calendar provides the academic plan for the entire semester. According to the calendar faculties of each department prepare their teaching plans. Academic calendar gives guidelines on following in the academic calendar

- Beginning of the semester
- Last working days of the semester
- Schedule of internal examination and pre-university examination
- List of holidays during the semester

2.6 Student Performance and Learning Outcomes

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

Computer Science Engineering: https://ggnindia.dronacharya.info/CSE/peos_pos.aspx

Computer Science & Information Technology : https://ggnindia.dronacharya.info/CSEIT/peos_pos.aspx

Information Technology : https://ggnindia.dronacharya.info/IT/peos_pos.aspx

Electronics & Communication : https://ggnindia.dronacharya.info/ECE/peos_pos.aspx

Electrical and Electronics Engineering : https://ggnindia.dronacharya.info/EEE/peos_pos.aspx

Electronics & Computer Engineering : https://ggnindia.dronacharya.info/ECS/peos_pos.aspx

Mechanical Engineering : https://ggnindia.dronacharya.info/ME/peos_pos.aspx

Civil Engineering : https://ggnindia.dronacharya.info/civil/peos_pos.aspx

2.6.2 Pass percentage of students

Program me Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
CSE	B.Tech	146	118	80.82%
ECE	B.Tech	42	22	52%
ME	B.Tech	142	81	57%
IT	B.Tech	39	24	61%

CIVIL	B.Tech	70	39	55%
ECS	B.Tech	10	7	70%
EEE	B.Tech	38	18	47%
CS&IT	B.Tech	27	20	74%
CSE	M.Tech	2	2	100%
ECE	M.Tech	2	2	100%
ME	M.Tech	2	2	100%
IT	M.Tech	2	2	100%

2.7 Student Satisfaction Survey

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

<https://ggnindia.dronacharya.info/IQAC.aspx>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major projects	2018-19	DST	6346412	6346412
Minor Projects	2018-19	FAER	100000	100000
Minor Projects	2018-19	FIA	20000	20000
Interdisciplinary Projects				
Industry sponsored Projects				
Projects sponsored by the University/ College				
Students Research				

Projects (other than compulsory by the College)				
International Projects				
Any other(Specify)				
Total				
3.2 Innovation Ecosystem				
3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year				
Title of Workshop/Seminar	Name of the Dept.		Date(s)	
Seminar on Step into Developers World	CSE		12 th August 2018	
One Day Workshop on Scilab	ECE		4th May 2019	
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3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year				
Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Vinetrakaran Smawad	Shashi Kumar, Mohit Yadav, Vikas Upadhyay, Prof. Sunil Bist, Nidhi Singh	Faridabad Industrial Association	4th May 2019	Project
Augmented Reality Smart Glasses	Shristhi and Vaishali Mrs. Parul Bansal (Assistant Professor)	Foundation for Advancement of Education and Research (FAER)	13th - 14th June 2019	Project
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3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year				
Incubation Centre	Name	Sponsored by		
NA	NA	NA		
Name of the Start-up	Nature of Start-up	Date of commencement		
NA	NA	NA		
3.3 Research Publications and Awards				
3.3.1 Incentive to the teachers who receive recognition/awards				
State	National	International		
NA	NA	NA		

3.3.2 Ph. Ds awarded during the year (<i>applicable for PG College, Research Center</i>) N.A						
Name of the Department			No. of Ph. Ds Awarded			
3.3.3 Research Publications in the Journals notified on UGC website during the year						
	Department	No. of Publication	Average Impact Factor, if any			
National	CSE	1	2.2			
International	CSE	17	2.8			
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3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year						
Department			No. of publication			
CSE			5			
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3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index						
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Optical characterization of nanostructured Ge _{1-x} Sn _x Se _{2.5} (x = 0, 0.3, 0.5) films	Deepika	Optical and Quantum Electronics	10-Dec-18	5	Department of Applied Sciences, The NorthCap University, Sec-23 A, Gurugram	

Economic Analysis of a Warm Standby System with Single Server	Ashok Kumar	International Journal of Mathematics and Statistics Invention (IJMSI)	Aug-18	32	Dronacharya College of Engineering, Gurugram
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3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Design of Infrastructure as a Service (IAAS) Framework with Report Generation Mechanism	Ashima Mehta	International Journal of Applied Engineering Research	Nov-18		Computer Science & Engineering, MMU University, Mullana (Ambala)	

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

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops		102	23	20
Presented papers	22	1		
Resource Persons				

3.4 Extension Activities				
3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year				
Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities	
Awareness about New Agriculture Solutions	NSS Wing, Dronacharya College of Engineering	3	60	
Sanitary Napkin distribution campaign	NSS Wing, Dronacharya College of Engineering	5	20	
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3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year				
Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited	
Young Entrepreneurship Panel 2.0	1st Prize	FIA	2	
FAER McAfee Scholar Awards	1st Prize	Foundation for Advancement of Education and Research	8	
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3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year				
Name of the	Organising unit/	Name of the	Number of teachers	Number of students

scheme	agency/ collaborating agency	activity	coordinated such activities	participated in such activities
Swacch Bharat Activity	NYKS/NSS unit DCE/Ministry of youth affairs and Sports/Ministry of HRD	Swachhata Pakhwada	2	75
Social Welfare Activity	NSS Wing Dronacharya college of engineering	Awareness about New Agriculture Solutions	1	66
Social Welfare Activity	NSS Wing Dronacharya college of engineering	Cloth Donation Camp	2	15

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3.5 Collaborations

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

Nature of Activity	Participant	Source of financial support	Duration
Student Exchange	14	Participation in "Efficycle 2018"	9th - 13th September 2018
Student Exchange	44	NSS merit certificate distribution ceremony	2nd March, 2019

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3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
IT	On Job	Ajath Infotech Pvt. Ltd	1 Year	2

Sector	Training			
IT Sector	On Job Training	Capgemini Technology Services India Ltd.	1 Year	48

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

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
CII	2018-19	Summits, Conferences, Workshops, Guest Lecture, Advance Training Program	196
Kyushu Institute of Technology, Japan	2018-19	Joint research exchange programme	56

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
75,00,000	6101700

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	10.4 acres	0
Class rooms	65	0
Laboratories	75	0
Seminar Halls	9	0
Classrooms with LCD facilities	43	0
Classrooms with Wi-Fi/ LAN	52	0
Seminar halls with ICT facilities	9	0
Video Centre		
No. of important equipments purchased (\geq 1-0 lakh) during the current year.		
Value of the equipment purchased during the year (Rs.		

in Lakhs)						
Others						
4.2 Library as a Learning Resource						
4.2.1 Library is automated {Integrated Library Management System -ILMS}						
Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation			
4.2.1 Library Services:						
	Existing		Newly added	Total		
	No.	Value	No.	Value	No.	Value
Text Books	34038	7796459	0	0	34038	7796459
Reference Books	11056	1393847	0	0	11056	1393847
e-Books	97000	5000		5000		97000
Journals	141	1283410	0	0	141	1283410
e-Journals	8415	85590			8415	85590
Digital Database	-	30000	-	-	-	30000
CD & Video						
Library automation	Yes	0	0	0	0	0
Weeding (Hard & Soft)						
Others (specify)	-	-	-	62390	-	62390

4.3 IT Infrastructure									
4.3.1 Technology Upgradation (overall)									
	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (MGBPS)	Others
Existing	891	11	yes		1	1	8	70 MBPS	
Added	NIL	NIL	yes		NIL	NIL	NIL	NIL	
Total	891	11	Yes		1	1	8	70 MBPS	
4.3.2 Bandwidth available of internet connection in the Institution (Leased line)									
.....70 MBPS..... MBPS /GBPS									
4.3.3 Facility for e-content									
Name of the e-content development facility					Provide the link of the videos and media centre and recording facility				
DCE Facebook Page					https://www.facebook.com/DronacharyaGurgaon/				
DCE Instagram Page					https://www.instagram.com/dronacharya_dce/				
DCE Linkedin Page					https://www.linkedin.com/school/dronacharya-college-of-engineering/				
DCE You-Tube Channel					https://www.youtube.com/@dronacharyacollegeofengine7116/videos				
DCE Twitter Handle					https://twitter.com/dronacharya_123?lang=en				
College Auditorium					https://ggnindia.dronacharya.info/auditorium.aspx				

College Conference Hall	https://ggnindia.dronacharya.info/conferencehall.aspx		
DCE Digital Swag	https://ggnindia.dronacharya.info/Digital-Swag.aspx		
4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc			
Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
NA	NA	NA	NA

4.4 Maintenance of Campus Infrastructure

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

Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
60000000	57010859	12500000	10060740

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

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. Management allocate annual budget for the physical facility of the institute. A brief description is given below on maintenance and utilization of some facilities.

Class Room: All the class rooms are having necessary ICT tools. Class room are divided department wise. Housekeeping of classroom are done on daily basis to maintain cleanliness in the class room.

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. Library is having membership of British Council Division American Information Resource Centre, National Library and Information Services infrastructure for Scholarly Content (N-LIST) National Science Library, Developing Library Network Delhi Public Library, National Digital Library of India At end of the Academic year books verification is done. Librarian will prepare the report on the same and utilization of books by the students and staff. Procurement of books as per the requirement is initiated through library committee by inviting the requirement of books from various departments this is then processed following the procurement procedure.

Sport Equipments: Physical Director of the institute looks after the sports facilities and the activities. Sport director is responsible for keeping the record of utilization of sport Facilities, activities held, awards for the students etc.

Maintenance of Computers: Maintenance of computers, Printers, Cameras, UPS required in computer Labs is done by system administrator.

Maintenance of Equipment and furniture: Institute has employed technicians (electrician, plumber, carpenter) for maintenance of equipment and furniture. Institute has also appointed gardener to maintain the gardens.

CCTV, Security: Whole college premises included buses are having CCTV cameras for the security. Security staff including ladies guards under a security supervisor is employed to safe guard the whole premises.

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution		37	2025525
Financial support from other sources			
a) National		15	1059200
b) International		0	0

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial

coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,			
Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Guest Lecture on "Android Development"	26th July 2018	60	Apron Solutions Pvt. Ltd, Gurugram
Guest Lecture on Inter-disciplinary Analysis for Business and Policy	16 February 2019	348	University of Washington-Seattle
Training Session on “ How to be a successful Entrepreneur”	23rd February 2019	65	Chahar Classes
Celebration of International Yoga Day (IYD)-2018	21st June, 2018	120	Ministry of Ayush

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5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2018-2019	Guidance for competitive examinations	435		39	345
2018-2019	Career Counselling		704		
2018-2019	Soft skill development		1064		
2018-2019	Remedial coaching	629			

2018-2019	Language lab		253		
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5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
0	0	0

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
Capgemini Technology Services India Ltd.	120	48	BAR CODE INDIA LTD.	3	1
FMI Automotive Components Pvt. Ltd.	75	6	Orion Credence Solutions Pvt. Ltd.	2	1

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5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2018-19	Purnima Duggal	B.Tech	CSE	National college of Ireland	Master in Data Analytics
				California State	Master Degree

2018-19	Anila Velidimalla	B.Tech	IT	University	in Computer Science
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5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET		
SET		
SLET		
GATE	14	
GMAT		
CAT	1	
GRE	1	
TOFEL		
Civil Services		
State Government Services		
Any Other	3	

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

Activity	Level	Participants
Annual Sports Week	Institution level	90
Celebration of International Yoga Day (IYD)- 2019	Institution level	60
International Women's Day	Institution level	55

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5.3 Student Participation and Activities

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

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2018	Vigilance Awareness Week - 2018			Cultural		
2018	RENDEZVOUS 2018			Cultural		
2019	Annual Sports Meet		Sports			

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

For practical exposure and overall development of students Institute has Student Chapters like SAEIndia, IEEE, CSI, ISTE, ED cell, Codechef. To bridge the gap between students and industry and to make students industry ready student chapters organize various activities like guest lectures, workshop, industrial visit. Institute also motivates students to participate in curricular and extra - curricular activities.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

Yes Institute has Alumni Association.

Institute conducts alumni connect program on regular basis. Institute alumni are on top position whether in MNC's, or govt. job or as entrepreneur. Through alumni connect program alumni of the Institute interact with their juniors and guide them. Alumni mentor students so that they understand the industry institute gap and also the way to plan and shapeup their career in right direction and make students understand various business opportunities and provide all the support required for preparing the students to become industry ready or to make as entrepreneurs by knowing the current dynamics of the industry.

5.3.2 No. of ~~registered~~ enrolled Alumni:

1002

5.3.3 Alumni contribution during the year (in Rupees) :

0

5.3.4 Meetings/activities organized by Alumni Association :

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

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

The institution practices decentralization and participative management Response: The college encourages a culture of participative management. Principal, Registrar, Heads of Departments, and Teaching nonteaching staff are member of various statutory and non-statutory body. Student committees are formed for most of the functionaries. Calendar for all

processes is prepared by participative management. Every decision is taken by consensus of Principal and Heads of Department. Some practices of decentralization and participative management includes:

The Principal and faculty members are involved in defining the policies and procedures, framing guidelines and rules regulations pertaining to admission as per the guidelines of the affiliated university, discipline, grievance, counseling, training, development, and library services etc. This enables the institute to ensure smooth and systematic functioning of the college, as per the vision and mission of the college

2. For the various programs to be conducted by the institute, all the concerned committees and other staff members are directed to discuss, share their opinion and plan for the success of the event.

3. Staff members of the institute are also invited in planning and deciding academic activities and examinations to be conducted by the affiliated university.

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

Yes/No/Partial:

Yes

6.2 Strategy Development and Deployment

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

❖ Curriculum Development

The institute is affiliated to MDU Rohtak & therefore follows the syllabus designed by the University. Syllabus Up gradation takes place every 2 years. In addition to the syllabus many guest lectures, workshop are conducted for the holistic development of the students.

❖ Teaching and Learning

Quality improvement strategies are adopted for students as well as teachers. In the beginning of the each semester timetable is prepared and accordingly the HOD's of various departments ask teaching plan from respective faculty members. Some improvement strategies taken by institute are as below:

- Adequate infrastructure facilities for teaching and learning.
- Counseling and guidance to weak students.
- Upgraded laboratories for practical's.
- Encourage students to participate in conferences and competitions.
- Qualified and experienced faculty members
- Digital Library
- Motivate students for extra –curricular and co-curricular activities.
- Motivate faculty for higher studies.
- Industry Interaction through series of webinars, guest lecture industry based project work, internships and summer training.

❖ Examination and Evaluation

The institute has transparent and continuous evaluation system. In every semester, three internal sessional examinations are conducted. End semester exams are conducted by MD University. Continuous evaluation of students is done through sessional, assignments viva, presentations. Weaker students are given special classes and counseling. Parents meeting are also done twice in each semester to discuss the progress report of the students. Comprehensive evaluation of students is also done for holistic development.

❖ Research and Development

Institute provides conducive environment to teachers and students to enhance their research and development capabilities. Institute has R&D Lab with latest equipment to support students in their research work. Faculty members and students are encouraged for patent filing and copyrights. The Institute encourages faculty members to pursue Ph.D programmes in reputed universities. The student and faculty members who attends an international conference in abroad, for presenting their research paper are awarded Rs .25,000.00 . To encourage students to participate at different platforms for project competitions and paper presentations reimbursement of expenses incurred by the students is done by institute.

❖ Library, ICT and Physical Infrastructure / Instrumentation

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. The library is continuously updated in terms of latest books, journals and e-contents

Remote centre of IIT Bombay for conducting ICT Workshops

Remote centre of NITTTR Chandigarh for conducting ICT Workshops

Nodal Centre of IIT Delhi for virtual labs.

Resource Centre of Spoken Tutorial of IIT Bombay for online certifications

e-Yantra Lab

Microsoft Innovation Centre

Auditorium having capacity of 500 person

All class rooms, tutorials rooms, seminar halls, laboratories pertaining each department is enabled with ICT tools.

All labs are having latest machines and software. Class rooms and labs are spacious

❖ Human Resource Management

The Institute strictly follows the guidelines issued by the Regulatory Authorities and University for appointment of Faculty. The pay scales, DA and HRA are given to the entire staff as per the prescribed norms. There is proper delegation of authority and the Institute has a defined organizational structure. The division of work is done on the basis of the core competence. In order to harness their skills, the training programs are arranged from time to time. The appointments are done in a very fair and transparent manner

❖ Industry Interaction / Collaboration

The Institute makes constant efforts to make proactive industry linkages. Industrial Visits of students are being organized to give practical exposure. Institute has good industry institute interaction through alumni network. The industries have set up their center(s) of excellence in the Institute. Institute regularly sign MoUs with different industries. College is maintaining industry linkage for campus

placement, training and internship. Experts from the industry are called for the conduction of Guest Lectures/ Workshop to provide students some practical exposure and understand the market demand and practical application of their technical skills and knowledge

❖ Admission of Students

The Institute admits candidates to the B.Tech Program through HSTES Counselling & direct. Admissions to the first year of B.Tech are based on the performance in the JEE MAINS EXAMINATION Candidates who have passed Intermediate of C.B.S.E. Board or (10+2) standard from other board are eligible for such an admission. Candidates are also admitted to the second year of B.Tech through lateral entry. For securing such admission, the candidate should have passed 3/4 year diploma (with minimum 60% marks). Further, the institute also takes admission directly for seats remaining vacant after counselling.

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

❖ Planning and Development

❖ Administration

College has **DCORE**- College's customized Management Information System

❖ Finance and Accounts

The Institute uses Tally ERP 9 – for fast and accurate accounting records. The transaction of salary is done through bank transfer. All the major transactions are done through online mode to keep the records.

❖ Student Admission and Support

Online Application form for admission is available on website. Scholarship for meritorious students. Syllabus, subject information lecture are available on website for the support of students.

❖ Examination :

- Online declaration of sessional results.
- Online examination form
- Online submission of examination fees.

6.3 Faculty Empowerment Strategies

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

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018-19	Ms. Swati Sharma	Five Day Short Term Course On "Ofc Networks Troubleshooting" At NITTTR Chandigarh		5000
2018-	Ms. Shalini Yadav	Paper Presentation at The-		4000

19		1st National Conference of Indian Science Congress Association – Rohtak Chapter on “Science & Technology For Sustainable Development” (NCSTSD-2019)		
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6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2018-19	Five Day Short Term Course on "OPPORTUNITY Identification And Project Formulation In Service Sector		13th - 17th May 2019	22	
2018-19	Web Development Workshop		18th January 2019	1	
2018-19	Survey Camp at Himachal Pradesh	Survey Camp at Himachal Pradesh	23rd-28 th October 2018	2	1

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

Title of the professional development programme	Number of teachers who attended	Date and Duration
Short term course on "OFC Networks and Troubleshooting"	Ms. Swati Sharma	11th - 15th March 2019

5 Days short term course on "Opportunity Identification And Project Formulation in Service Sector"	22	13th - 17th May 2019
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6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	temporary
176	176	106	18

6.3.5 Welfare schemes for

Teaching	Subsidized transportation facility is provided for faculty. • Medical facilities are available for all faculties. • Employee provident fund. • Financial support is provided for all faculties who present papers in national and international conferences, attend seminars, workshops and industrial training. • Maternity leave • Leave for higher studies. Group insurance for faculty members, canteen facility
Non teaching	Transportation facility is provided. • Maternity leave is provided. • Distress programs are conducted. • Motivated to pursue higher education. • Skill development programs are conducted
Students	Group insurance for students. Medical facilities are made available when ever required inside the campus. • On campus placement drives are conducted. • WiFi facility. • Programs to enhance presentation skills of students are conducted. • Financial support is provided to students who go abroad for presenting papers in conferences. • Scholarship for meritorious students. • Industrial visit, guest lectures, workshop are conducted for skill development of students.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

The Institute has a mechanism for internal and external audit to ensure financial compliance.

The expenditure concerning departmental activities , excluding the salary , are budgeted in the beginning of the financial year, with Principal and the HOD's to submit the budget proposal which includes equipment, software, maintenance expenses and cost of spares. The Principal consolidates the budget received from various Departments and presents to the Governing Council for approval.

Internal Audit:

Copy of Budget proposals, invoice and vouchers, and supporting documents of every purchase /events is maintained in the respective Departments and the original documents are sent to the accounts department. The accountant verifies every document. The details of all the expenditures of the entire financial year is consolidated and maintained at the accounts office and submitted for external audit at the end of the financial year.

External Audit:

External audit of the institution is conducted once in a year post March 31st, by the CA SPG Associates. The External Auditor expresses their opinion on the financial Statements of the Institution based on their Audit.

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

Name of the non government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
FAER McAfee	100000	Project
Faridabad Industrial Association	20000	Project

6.4.2 Total corpus fund generated :

6.5 Internal Quality Assurance System**6.5.1 Whether Academic and Administrative Audit (AAA) has been done?**

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	ISO	Yes	committee
Administrative	Yes	ISO	Yes	committee

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

1. Two parent-teacher meetings were held in every semester in college. Parents are given brief about the progress of their ward and also discussion on the scope of the improvement.
2. Suggestions and feedback from parents are also taken into consideration
3. Parents are always extent their supportive hands

6.5.3 Development programmes for support staff (at least three)

1. Motivational lectures are conducted for non-teaching staff.
2. Awards & certificates are also being issued for best performers.

3. Skilled Development Programs are conducted for enhancement of their skills.
4. Special PDP and staff development classes are conducted by the Institute on regular basis.

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

6.5.5

- a. Submission of Data for AISHE portal : (Yes /No) Yes
- b. Participation in NIRF : (Yes /No)Yes
- c. ISO Certification : (Yes /No)Yes
- d. NBA or any other quality audit : (Yes /No) Other (yes)

6.5.6 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
2018-19	Summer School on Microsoft Azure	4th June – 14th July 2018	40	45
2018-19	Guest Lecture on Inter-disciplinary Analysis for Business and Policy	16th February 2019	1	25

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Title of the programme	Period (from-to)	Participants	
		Female	Male
Breast Cancer Awareness Day	13th October, 2018	80	0
International Women’s Day	8th March 2019	100	0

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7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:
Percentage of power requirement of the College met by the renewable energy sources

Power requirement met by renewable energy sources	Total power requirement	Renewable energy source	Renewable energy generated and	Energy supplied to
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			used	the grid
Solar Plant	18 KW	Sun (Solar Plant)	Boys Hostel in Winter Season to hot the water	NA

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	
Provision for lift	NO	
Ramp/ Rails	Yes	
Braille Software/facilities	NO	
Rest Rooms	Yes	
Scribes for examination	Yes	
Special skill development for differently abled students	No	
Any other similar facility	NO	

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2018-19	1	1	02-10-18	Cleanliness Drive	Health issues	65
2018-19	1	1	8-10-2018	Sanitary Napkin Distribution	Awareness about female hygiene	20
2018-19	1	1	15-09- 2018	Lecture on digital Solutions	unaware of advantages of being digital	67
2018-19	1	1	16-11-2018	Cloth Donation Camp	Donating clothes in the nearby areas	15
2018-19	1	1	23-12-2018	Awareness	not using	45

				about new agriculture solutions	advanced solution that's increases cost or poor productivity	
2018-19	1	1	24- 01-2019	importance of educating girl child	illiterate girl child	50
2018-19	1	1	11-05-2019	Lecture on Latest Technology	Unaware of technology and its benefit	85
2018-19	1	1	5-06- 2019	Plantation Drive	Soil Erosion , global warming	45

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Discipline and Code of Conduct (https://ggnindia.dronacharya.info/rules.aspx)		Discipline is synonymous of the Dronacharyan tradition. Every care is taken to maintain an ideal discipline and to make it a primary part of our work culture. We believe that nothing substantive can be achieved without a true spirit of discipline. Our academic environment is nurtured on discipline. This happens to be the fore-most trait to enable us to impart quality education and to produce meritorious results. The entire code of conduct requires absolute sense of obedience and subordination

		to the Department Head and the Faculty concerned.
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7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from-----to-----)	Number of participants
Vigilance Awareness Week – 2018	29th October - 3rd November 2018	100
Swachhata Pakhwada	1-15th August 2018	40

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

The initiatives taken by the College to make the campus eco-friendly are:

1. Tree plantation within the campus
2. Rain Water Harvesting
3. Plastic Free Campus
4. Complete paperless policy
5. Segregation of waste material into biodegradable and non – degradable components, thus suitable disposal.
6. Class rooms are made in such a way that adequate sun light and fresh air comes in all class rooms.
7. Solar Heating System is used in hostel for heating water in winter season.

7.2 Best Practices

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

<https://ggnindia.dronacharya.info/IQAC.aspx>

7.3 Institutional Distinctiveness

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

The one area where college focuses is on the learning of the students so as to make them good entrepreneurs or make them ready as per the standards of the industry. College lay stress upon the teaching learning parameters. The latest ICT tools and smart boards such as Google Classroom, Google Meet, PPT, Video clippings, online sources are being used for making teaching-learning effective. The surprise tests, tutorials, seminars, bridge

course, group discussions, mock interviews, and many co-curricular activities are organized in order to attain the PEOs & POs designed by the institute. The regular structured feedback is taken and analyzed and submitted to IQAC and Governing body of the institute and corrective measures are implemented accordingly to achieve the desired learning outcome. Teaching-learning methods adopted by the faculty members include Experiential Learning, Participative Learning, Interactive Method, Project-based Learning etc. Regular assessment of students are done by daily Home Assignments, Class Assignments, Seminars and Group Discussions, Quizzes, Class Tests, Projects, Viva-voice examinations and attendance. Classrooms are fully furnished with LCD/OHP/Computers. Institute's premise is Wi-Fi enabled. Adequate infrastructural facilities for teaching and learning are available in the campus. There are well qualified and experienced faculty members. Computer Laboratories are equipped with latest configuration hardware and software. Many bridge programs like- time management lessons, motivational sessions, and personality development sessions are organized for the students. Seminar, workshop and guest lectures are organized for the students to give practical exposure. Apart from workshops, industry visits and field excursions are also organized to upkeep the students about the latest trends and technologies.

The placement of the college students is depended upon the teaching-learning methodologies being practiced in the institute. The more the students learn by the way of advanced learning methodologies which are explained above, the more they have the opportunities of getting hired by the esteemed companies who visit the campus every year. The college has a strong Training & Placement department whose main focus is upon providing good placement opportunities to the students. Information regarding internship opportunities and placement drives is also provided by the college TPO. 100% placement is observed by the college. For those who wish to go for higher studies, proper guidance is also provided by the faculty members. The college also inspires students to go for start-ups. There is a strong network of alumni which helps the students to prepare themselves for future. The alumni of the college gives valuable guidance on the spheres like resume building, cracking the GD's and interview rounds, giving them insights about the industry, placement, career guidance, entrepreneurship awareness, campus recruitment and various career paths available after completing B-Tech.

<https://ggnindia.dronacharya.info/>

8. Future Plans of action for next academic year (500 words)

Some of the future plans of action of Dronacharya College of Engineering, Gurgaon for the next academic year are as follows:

1. Focusing upon making students industry ready through imparting training and practical exposure.
2. To sign MOUs with outside agencies.
3. Improving academic excellence through focusing upon participative and experiential learning.
4. Efforts for more patent filing and trying to extract financial support from various government and non-government funding agencies for the betterment of academic, research and physical facilities in the institution.
5. Development of skills of the students by inculcating core values among them through value based education.
6. Encouraging students for participating in more social events through activities of NSS, sports and cultural activities.
7. Increasing infrastructural facilities like extension of vehicle parking for staff and students.
8. To purchase new equipment for laboratories for use by the students.
9. To make the campus greener by organizing various plantation drives.
10. Encouraging students to participate in state or national level seminars, conferences, workshops and present papers in National & International Conferences
11. To make the campus eco-friendly, increasing number of solar lights, rain harvesting capacity and vermi composite pits.
12. To organize educational and recreational tours for students and staff.

Name : Dr. Ashima Mehta

Name: Prof. (Dr.) BMK Prasad



Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Principal
Dronacharya College of Engineering
Farrukh Nagar, Gurgaon.

Abbreviations:

CAS	-	Career Advancement Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
