



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE AND TECHNOLOGY
Name of the head of the Institution	Prof. Rajendrakumar Anayath
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	01302484003
Mobile no.	9467559000
Registered Email	vc@dcrustm.org
Alternate Email	patovc@dcrustm.org
Address	50th KM Stone, NH-1, Murthal
City/Town	Sonepat
State/UT	Haryana
Pincode	131039

2. Institutional Status	
University	State
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Prof. Anil Khurana, Director IQAC/Prof. Pawan Kumar Dahiya, Coordinator IQAC
Phone no/Alternate Phone no.	01302985507
Mobile no.	9416179367
Registered Email	iqac@dcrustm.org
Alternate Email	consultant.academics@dcrustm.org

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://www.dcrustm.ac.in/wp-content/uploads/2019/08/AQAR-Report-2017-18.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.dcrustm.ac.in/academic-calender/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.02	2017	22-Feb-2017	21-Feb-2022

6. Date of Establishment of IQAC	15-Oct-2009
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Accreditation of UG	16-Mar-2019	3

programmes	1	
Framework for Integration of Engineering Curriculum with Modern Modes of Content Delivery	03-Jul-2018 3	50
Submission of Pre-qualifiers of five programmes for NBA accreditation	20-Sep-2019 1	5
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Engineering & Technology	TEQIP III	World Bank	2019 3	70000000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	0
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	No
Upload the minutes of meeting and action taken report	No Files Uploaded !!!
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

i). 03 UG programmes have been accredited by the NBA for the Academic Years 2019_20 to 2021_22. ii). 01 PG programme has been accredited by the NBA for the Academic Year 2019_20. iii). Participation in NIRF Ranking 2019. iv). Submission of data in AISHE. v). Submitted prequalifiers of 5 programmes.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality

Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
Accreditation of all eligible technical programmes from NBA	Submission of SAR of programmes
Participation in NIRF	Expecting NIRF ranking between 100-150
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	16-Mar-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	28-Feb-2019
17. Does the Institution have Management Information System ?	No

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BArch	006	Architecture	01/08/2018
MArch	506	Sustainable Architecture	01/08/2018
MPlan	520	Urban and regional planning	01/08/2018
Mtech	542	Construction and real Estate Management	01/08/2018
BTech	005	Chemical Engineering	14/03/2019
MSc	552	Chemistry	01/07/2018
BTech	002	Electrical Engineering	01/07/2018

Mtech	502	Electrical Engineering (Instrumentation Control)	01/07/2018
Mtech	507	Electrical Engineering (Electric Power System)	01/07/2018
BTech	004	Mechanical Engineering	01/07/2018
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BArch	Architecture	01/08/2018	Architectural Design II AR 102 C, Architectural Design III AR 201 C, Architectural Design IV AR 202 C, Architectural Design V AR 301 C, Architectural Design VI AR 302C, Building byelaws Office management AR - 313 C, Practical Training AR - 401 C	01/08/2018
BArch	Architecture	01/08/2018	Architectural Design VIII AR 402 C , Research Techniques VIII AR 404 C Architectural Design IX AR 501 C, Project Management IX AR 503 C, Dissertation IX AR 505 C, Architectural Thesis AR 505C, Professional Practice AR 504 C	01/08/2018

MPlan	Urban and regional planning	01/08/2018	Planning Studio-I MPLAN -615C, Planning Studio II MPLAN -614C, Practical Training MPLAN -616C, Planning Studio III MPLAN -713C, Dissertation Phase I MPLAN -715C Dissertation Phase II/ Thesis MPLAN-702C	01/08/2018
MArch	Sustainable Architecture	01/08/2018	Project Studio-I MARCH -613C, Project Studio-II MARCH -612C, Design simulation Lab MARCH -614C, Practical Training MARCH -616C Project Studio-III MARCH -709C, Dissertation Phase I MARCH -711C, Dissertation Phase II/ Thesis MARCH -702C	01/08/2018
Mtech	Construction and Real Estate Management	01/08/2018	Project Studio-I MCRM -611C, Project Studio-II MCRM -614C, , Practical Training MCRM -616C Project Studio-III MCRM -711 C, Dissertation Phase I MCRM -713C, Dissertation Phase II/ Thesis MCRM -702C, Professional Practice MCRM 704 C.	01/08/2018

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BArch	Architecture	01/07/2018
BTech	Biomedical Engineering	01/07/2018
BTech	Biotechnology	01/07/2018
BTech	Chemical Engineering	01/07/2018
BTech	Civil Engineering	01/07/2018
BTech	Computer Science & Engineering	01/07/2018
BTech	Electrical Engineering	01/07/2018
BTech	Electronics & Communication Engineering	01/07/2018
BTech	Mechanical Engineering	01/07/2018
MArch	Sustainable Architecture	01/07/2018
MPlan	Urban & Regional Planning	01/07/2018
Mtech	Construction and Real Estate Management	01/07/2018
Mtech	Biomedical Engineering	01/07/2018
Mtech	Biotechnology	01/07/2018
Mtech	Highway Engineering	01/07/2018
Mtech	Electrical Engineering (Instrumentation & Control)	01/07/2018
Mtech	Electric Power System	01/07/2018
Mtech	Electronics & Communication Engineering	01/07/2018
Mtech	Electronics & Communication Engineering (VLSI Design)	01/07/2018
Mtech	Mechanical Engineering	01/07/2018
Mtech	Computer Science & Engineering	01/07/2018
MA	English	01/07/2018
MBA	Masters in Business Administration	01/07/2018
MBA	BBA-M.B.A.	01/07/2018

MHA	Master in Hospital Administration	01/07/2018
Mtech	Food-Technology	01/07/2018
MSc	Biotechnology	01/07/2018
MSc	B.Sc. (Hons.) Biotechnology-M.Sc. Biotechnology	01/07/2018
Mtech	Chemical Engineering	01/07/2018
Mtech	Energy and Environmental Management	01/07/2018
Mtech	Renewable Energy	01/07/2018
MSc	Environmental Science	01/07/2018
MSc	Chemistry	01/07/2018
MSc	B.Sc. (Hons.) Chemistry- M.Sc. Chemistry	01/07/2018
Mtech	Material Engineering (Nanotechnology)	01/07/2018
MSc	Mathematics	01/07/2018
MSc	B.Sc. (Hons.) Mathematics - M.Sc. (Mathematics)	01/07/2018
MSc	Physics	01/07/2018
MSc	B.Sc. (Hons.) Physics- M.Sc. Physics	01/07/2018

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
03 weeks induction programme	16/08/2018	450
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BArch	Architecture	308
BTech	Biomedical Engineering	30
BTech	Biotechnology	70
MSc	Biotechnology	31
BTech	Chemical Engineering	132
BTech	Civil Engineering	74
BTech	Electrical Engineering	149
Mtech	Electronics & Communication Engineering	22
Mtech	Electronics & Communication Engineering (VLSI Design)	18

BTech	Electronics & Communication Engineering	230
MBA	Masters in Business Administration	120
BTech	Mechanical Engineering	141
MArch	Sustainable Architecture	36
MPlan	Urban and Regional Planning	40
Mtech	Construction and Real Estate Management	30
BTech	Computer Science & Engineering	234
Mtech	Computer Science & Engineering	55
Mtech	Energy and Environmental Management	18
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>Feedback is taken on designed proforma at the end of each semester and also through verbal discussions by the Chairperson/Coordinators during regular teaching. The consolidated result class wise as received from the Examination branch is studied and analyzed by the chairperson in association of senior teachers in the light of students' formal feedback effected at the end of the semester. The chairman interacts with the concern teachers and apprise of the feedback in an informal and academic manner and think of suitable remedial measures. Teaching evaluation of a course taught by a teacher is done by students through a designed feedback Performa .The Performa comprises of 10 feedback items and 4 feedback levels on 4 point scale (very good with 4 points, good with 3 points, satisfactory with 2 points, and unsatisfactory with 1.5points). Performa provides enough scope and space for offering feedback in descriptive manner too. Feedback from students is collected once for each course towards the end of the semester by the Chairperson and/or some deputed senior teacher in the class itself wherein students are explained the importance of the feedback. Students are not required to reveal their identity in any form on the performa and are encouraged for true feedback. Performa categorizes the students in four categories for the purpose of evaluating the feedback. Students are required to tick the category of academic performance they fall. Assessment is based upon the methodology being followed for analysis of feedback and its effectiveness. Chairperson along with moderation committee members, at times including some more senior faculty members, analyses the</p>

feedback performa for each course. On the basis of academic category, collected performa are separated category wise. For each category, the average point against each feedback item is determined for gauging the teacher's class performance as judged by students of different categories in matrix form to see the followings: a. Interest of the students towards the course. b. Teachers approach towards the course and teaching methodology adopted: • Content delivery in respect to coverage of syllabus • Taxonomic level of teaching and its degree of acceptability among students • Effectiveness of communication particularly in terms of speed and using writing boards and the use of other teaching aid. • Degree of interaction with students c. Students suggestions

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BArch	Architecture	80	400	80
Mtech	Biotechnology	18	3	1
Mtech	Food-Technology	18	2	0
MSc	Biotechnology	30	84	31
MSc	B.Sc.-M.Sc. Dual degree (biotechnology)	30	124	31
Mtech	Chemical Engineering	18	4	4
MSc	Dual Degree B.Sc. (Hons.) Chemistry-M.Sc.	30	368	30
MSc	Chemistry	60	364	64
Mtech	Electrical Engineering (Instrumentation & Control)	18	3	1
Mtech	Electric Power System	18	17	9
Mtech	Electronics & Communication Engineering	30	17	8
Mtech	Electronics & Communication Engineering(VLSI Design)	18	15	9
MBA	Masters in Business Administration	60	160	60
MBA	Dual Degree (BBA-MBA)	60	180	60
MHA	Masters in Hospital Administration	30	24	18

MSc	Physics	30	200	31
MSc	B.Sc. (Hons.) Physics-M.Sc. Physics	60	345	60
Mtech	Material Engineering (Nanotechnology)	18	6	5
Mtech	Mechanical Engineering	18	21	6
MPlan	Urban and Regional Planning	20	54	20
MArch	Sustainable Architecture	20	30	11
Mtech	Construction and Real Estate Management	15	50	14
MSc	Environmental Science	18	30	18
Mtech	Energy and Environmental Management	18	12	9
MSc	Mathematics	60	177	61
MSc	Dual Degree B.Sc(H)-M.Sc Mathematics	50	245	52
Mtech	Highway Safety and Engineering	18	28	18
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2176	1763	164	164	164

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
164	140	15	25	14	9

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

The scheme is adopted for value addition to students such as: 1. Bridging the gap between teachers and students 2. Creation of healthy atmosphere so that student and approach teachers for educational and personal guidance 3. Effect twoway communication establishes a knowledge enhancing environment. 4. Awareness and support to students for GATE, GRE, CAT, IRSO, SAIL, DRDO other Govt. PSU examinations. 5. Motivation for higher studies, entrepreneurship and start ups (Make in India) 6. Advice and support for improvement in academic and communication skills 7. Improving mannerism and inculcating moral and ethical values At Our University 1. Regular meetings are held between mentor and mentee 2. Record of the same is kept with the mentor 3. Personalized care mentee is taken by building up an environment of trust and confidence 4. General issues are discussed in the meeting 5. A student ratio of 20 : 1 is ensured for a closer and better interaction

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3939	164	1:24

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
393	164	229	0	118

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Geeta Singh	Assistant Professor	Patent awarded
2019	Dr. Manju Rani	Assistant Professor	Post doc fellowship received from Chungnum University, South Korea
2018	Dr. Rohtash Dhiman	Assistant Professor	Vishwakarma chhatra Award 2018, Won at Jaipur on 13th nov. 2018.
2018	Dr. RohtashDhiman	Assistant Professor	Robotic India at Ahmadabad on 2021 oct, 2018.
2018	Dr. Jyoti Pandey Sharma	Professor	The Environmental Design Research Association's 2018 Achievement Award (U.S.A.) for a multi author volume published by Routledge New York in which the Faculty contributed a Chapter: 'The South Asian Shahar: reimaging Shahariyat as urban

			heritage
2018	Dr Chitrarekha Kabre	Professor	GRIHA Felicitation
2018	Dr Chitrarekha Kabre	Professor	LEED Green Associate
2018	Dr Chitrarekha Kabre	Professor	Appreciation for best service towards inclusive society by Renu Vidya Mandir, Sonapat
2018	Dr Parveen Kumar	Professor	GRIHA Felicitation
2019	Dr. Manoj Panwar	Assistant Professor	QIP, AICTE, MHRD (Govt of India)
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	001	2019	10/06/2019	28/06/2019
BTech	002	2019	10/06/2019	28/06/2019
BTech	003	2019	10/06/2019	28/06/2019
BTech	004	2019	10/06/2019	03/07/2019
BTech	005	2019	10/06/2019	28/06/2019
BTech	006	2019	10/06/2019	31/07/2019
BTech	007	2019	10/06/2019	24/06/2019
BTech	008	2019	10/06/2019	27/06/2019
BArch	009	2019	10/06/2019	02/07/2019
Mtech	501	2019	10/06/2019	12/07/2019
Mtech	504	2019	10/06/2019	29/07/2019
Mtech	505	2019	10/06/2019	22/07/2019
MArch	506	2019	10/06/2019	16/07/2019
Mtech	507	2019	10/06/2019	23/07/2019
Mtech	509	2019	10/06/2019	16/07/2019
Mtech	513	2019	10/06/2019	19/07/2019
Mtech	516	2019	10/06/2019	03/09/2019
MPlan	520	2019	10/06/2019	02/07/2019
Mtech	542	2019	10/06/2019	09/07/2019
MSc	551	2019	10/06/2019	10/07/2019
MSc	552	2019	10/06/2019	02/07/2019
MSc	554	2019	10/06/2019	08/07/2019

MSc	453	2019	10/06/2019	02/08/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
34	3895	0.008

2.6 – Student Performance and Learning Outcomes

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

http://www.dcrustm.org

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
007	BTech	Biomedical Engineering	12	6	50
015	Mtech	Biomedical Engineering	5	5	100
008	BTech	Biotechnology	19	14	73.68
509	Mtech	Biotechnology	6	5	83.33
517	Mtech	Food-Technology	2	2	100
554	MSc	Biotechnology	30	27	90
005	BTech	Chemical Engineering	65	54	83
505	Mtech	Chemical Engineering	4	4	100
552	MSc	Chemistry	60	57	95
009	BTech	Civil Engineering	74	61	82.4
513	Mtech	Highway Engineering	13	13	100
002	BTech	Electrical Engineering	74	67	90
507	Mtech	Electric Power System	14	14	100
003	BTech	Electronics & Communication Engineering	78	68	87

503	Mtech	Electronics & Communication Engineering	14	14	100
516	Mtech	Electronics & Communication Engineering (VLSI Design)	9	9	100
531	MBA	Masters in Business Administration	78	78	100
532	MBA	Dual Degree (BBA-MBA)	30	24	80
533	MHA	Hospital Administration	12	12	100
436	MSc	Dual Degree -B.Sc. (Hons) Physics -M.Sc. Physics	33	31	93.93
551	MSc	Physics	60	42	70
004	BTech	Mechanical Engineering	76	69	90.70
504	Mtech	Mechanical Engineering	27	7	25.90
006	BArch	Architecture	76	76	100
521	MPlan	Urban and Regional Planning	18	18	100
506	MArch	Sustainable Architecture	15	15	100
542	Mtech	Construction and Real Estate Management	12	12	100
001	BTech	Computer Science & Engineering	75	61	81
501	Mtech	Computer Science & Engineering	29	29	100
556	MSc	Environmental Science	17	16	94.1
155	MSc	Mathematics	120	90	75
145	MSc	Dual Degree B.Sc(H)-M.Sc Mathematics	104	51	49.03

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2.7 – Student Satisfaction Survey

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

NA

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr. Vinod Kumar	Research Fellowship	01/10/2018	UGCDAE
International	Dr. S. P. Nehra	Bhaskara Advanced Solar Energy (BASE) Fellowship	03/09/2018	INDO US SCIENCE AND TECHNOLOGY FORUM, DST
International	Prof. (Dr.) Chitrarekha Kabre	Jeffrey Cook Memorial Fellowship	29/04/2019	SBSE, USA

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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
CSIR JRF	1825	CSIR UGC, New Delhi
ICMR JRF	1825	ICMR, New Delhi
UGC JRF	1825	UGC, New Delhi
Women Scientist Scheme (WOS)B	730	DST, New Delhi
Postdoctoral fellowship to women	1095	UGC, New Delhi
SRF	1095	UGC, New Delhi
Research Assistantship	730	TEQIP
Inspire Faculty	1095	DST, New Delhi
Research Associate	1825	CSIR

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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	730	UGC	1.5	0.6
Major Projects	1095	DST	40.46	26
Minor Projects	730	University	5.25	3.82

		(DCRUST)		
Major Projects	1095	AICTE	14	13
Projects sponsored by the University	730	University (DCRUST)	1.05	0.75
Major Projects	1825	FIST, DST	150	110
Projects sponsored by the University	365	University (DCRUST)	4	4
Any Other (Specify)	1095	UGC	5	1.75
Projects sponsored by the University	730	UGC funds allotted to DCRUST Murthal	1.05	0.9
Any Other (Specify)	240	INDO US SCIENCE AND TECHNOLOGY FORUM, DST	16	12
Projects sponsored by the University	730	University (DCRUST)	1.05	0.88
Projects sponsored by the University	730	University (DCRUST)	1.05	0.77
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3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Short term course on Recent Advancements in Healthcare, Biotechnology Environment Sciences	Biomedical Engineering	11/02/2019
Safety Management in Process Industries	Chemical Engineering	25/02/2019
Expert talk on Basics of ASPEN PLUS	Chemical Engineering	28/09/2018
Workshop on OCSIM software demonstration	Electronics and Communication Engineering	02/01/2019
Workshop on PCB prototype machine operation	Electronics and Communication Engineering	17/01/2019
Workshop on Modelling acoustics applications with COMSOL Multiphysics	Electronics and Communication Engineering	29/01/2019
Faculty Development program on Internet of Things" in collaboration with EICT Academy	Electronics and Communication Engineering	25/02/2019
Faculty Development	Electronics and	11/03/2019

program on Emerging Trends in Optical for All Domain Applications"	Communication Engineering	
Transforming Indian Society: Role of Technology, Innovation, Entrepreneurship and Public Policy	Management Studies	12/02/2019
Oneweek Soft Skill Development Programme on "Industry 4.0"	Computer Science and Engineering	16/01/2019
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Biotechnology	2
Centre of Excellence for Energy and Environmental Studies	2
Chemistry	3
Civil Engineering	1
Computer Science and Engineering	3
Electronics and Communication Engineering	3
Electrical Engineering	5
Management Studies	2
Mathematics	1
Mechanical Engineering	5
Physics	4

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Biotechnology	11	3.5
National	Chemistry	1	2.69
International	Chemistry	24	2.69

International	Civil Engineering	4	0.1
National	Electronics and Communication Engineering	7	0
International	Electronics and Communication Engineering	33	0
National	Physics	1	0
International	Physics	25	1.8
International	Computer Science and Engineering	25	0
National	Centre of Excellence for Energy and Environmental Studies	7	0
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Architecture	2
Biomedical Engineering	1
Biotechnology	19
Civil engineering	1
Electrical Engineering	6
Electronics and Communication Engineering	10
Management Studies	4
Mathematics	2
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
A Process of preparation of a Topical Dermal Patch	Published	ERIP/IP/08	13/06/2019
Intensified Inhibitor Formulation To Control Corrosion Of Mild Steel	Filed	2018110271	20/07/2018
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as	Number of citations
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					mentioned in the publication	excluding self citation
TimeTime Analysis of Electroencephalogram Signals for Epileptic Seizure Detection	Poonam Sheoran, J.S. Saini	Accepted for publication in International Journal of Biomedical Engg. Tech.	2018	0	DCRUSTM	0
Comparison of three parametric and machine learning approaches for Modeling Accident Severity on NonUrban Sections of Indian Highways	Singh G., Sachdeva SN, Pal M.,	Advances in Transportation Studies, University of Rome	2018	3	DCRUST Murthal	2
Effect of ultra fine slag on mechanical and permeability properties of metakaolin based sustainable geopolymer concrete	Parveen, A. Mehta, Saloni	Advances in Concrete Construction	2018	0	DCRUST Murthal	0
Enhancing mechanical and durability properties of geopolymer concrete with mineral admixtures	Jindal B. B. Singhal D., S. Sharma, Parveen	Computers and Concrete	2018	1	DCRUST Murthal	1
Mechanical and microstructural properties	Parveen, Singhal D., Junaid M. T.,	Construction and Building Materials,	2018	7	DCRUST Murthal	7

of fly ash based geopolymer concrete incorporating alccofine at ambient curing.	Jindal B. B. and Mehta A.,					
Influence of La ³ ion doping on physical properties of magnesium nanoferrite for microwave absorption application	Sonia Gaba, Ashok Kumar, Pawan S. Rana, Manju Arora	Journal of Magnetism and magnetic materials	2018	0	DCRUST Murthal	0
Facile Synthesis of porous CuO nanosheets as high performance NO ₂ gas sensor	Narender Budhiraja, Sapna, Vinod Kumar, S.K. Singh,	Integrated Ferroelectrics	2018	0	DCRUST Murthal	0
Nanoparticles assembled ZnFe ₂ O ₄ mesoporous nanorods for physicochemical and magnetic properties	Sapna, Narender Budhiraja, Vinod Kumar, S.K. Singh,	Journal of Materials Science: Materials in Electronics	2019	0	DCRUST Murthal	0
Investigation on Physical Properties of Sn Modified Cubic Cu ₂ O Nanostructures	Narender Budhiraja, Sapna, Vinod Kumar, Monika Tomar, Vinay Gupta, S. K. Singh,	Journal of Superconductivity and Novel Magnetism	2019	0	DCRUST Murthal	0
Multifunctional CuO Nanosheets for High Performance Supercapacitors	Narender Budhiraja, Sapna, Vinod Kumar, Monika	Journal of Inorganic and Organometallic Polymers and	2019	0	DCRUST Murthal	0

tor Electrodes withEnhanc ed Photoca talytic Activity	Tomar, Vinay Gupta, S. K. Singh,	Materials				
Al ₂ O ₃ Water Nanofluids forHeat Transfer A pplication	Lakshita Phor, Tanuj Kumar, Monika Saini, Vinod Kumar,	MRS Advances,	2019	0	DCRUST Murthal	0
Selfcoolin g device based on t hermomagne tic effect ofMnxZn1?x Fe ₂ O ₄ (x 0.3, 0.4, 0.5, 0.6, 0.7)/ferro fluid	Lakshita Phor, Vinod Kumar	Journal of Materials Science: Materials in Electro nics,	2019	0	DCRUST Murthal	0
Structural , magnetic and dielectric properties of lanthan umsubstitu ted Mn _{0.5} Z n _{0.5} Fe ₂ O ₄	Lakshita Phor, Vinod Kumar	Ceramics I nternation al	2019	0	DCRUST Murthal	0
Visible light Assisted p hotocataly tic perfor mance of ZnO/NiO na nocomposit es prepared by chemical c oprecipita tion method	Amita Khatri, Pawan S. Rana	Journal of Nanoscienc e and Nano technology	2019	0	DCRUST Murthal	0
Synthesis, Characteri zation and sunlight catalytic performanc e of Cu	Amita, Deepak, Arun, Pawan S. Rana,	AIP conference proceeding s	2019	0	DCRUST Murthal	0

doped NiO nanoparticles						
Visible light photocatalysis of methylene blue using cobalt substituted NiO nanoparticles	Amita Khatri, Pawan S. Rana,	Bulletin of Materials Science	2019	0	DCRUST Murthal	0
Influence of Ce ³⁺ ion doping on structural and magnetic properties of magnesium nanoferrite	Sonia Gaba, Ashok Kumar, Pawan S. Rana	Journal of Superconductivity and novel magnetism	2019	0	DCRUST Murthal	0
Photocatalytic study of cobalt doped zinc oxide nanoparticles prepared by coprecipitation method	Amita Khatri, Diksha and Pawan S. Rana	AIP conference proceedings	2019	0	DCRUST Murthal	0
An insight to origin of ferromagnetism in ZnO and N implanted ZnO thin films: Experimental and DFT approach	P. Kumar, H. K. Malik, A. Ghosh, R. Thangavel, K. Asokan	Journal of Alloys and Compounds	2018	3	IUAC, New Delhi	3
Identification of swift heavy ion induced defects in Pt/nGaN Schottky diodes by insitu deep level	A. Kumar, J. Dhillon, S. Verma, P. Kumar, K. Asokan and D Kanjilal	Semiconductor Science and Technology	2018	4	IUAC, New Delhi	4

transient spectroscopy						
Role of low energy transition metal ions in interface formation in ZnO thinfilms and their effect on magnetic properties for spintronic applications	R. Bhardwaja, B. Kaur, J. P. Singh, M. Kumar, H.H. Lee, P. Kumar, R.C. Meena, K. Asokan, K H Chae, N. Goyal, S. Gautam	Applied Surface Science	2019	0	IUAC, New Delhi	0
Xray Analysis of MgO Nanoparticles by Modified Scherer's Williamson Hall and SizeStrain Method	N Rani, S Chahal, AS Chauhan, P Kumar, R Shukla, SK Singh	Materials Today Proceedings	2019	0	DCRUST Murthal	0
Photocatalytic application of lithium doped cerium oxide nanoparticles upon UV light irradiation	S Chahal, N Rani, A Kumar, P Kumar	AIP Conference Proceeding	2019	0	DCRUST Murthal	0
A comparative study on magnesium hydroxide and magnesium oxide nanostructures	N Rani, S Chahal, P Kumar, R Shukla, SK Singh	AIP Conference Proceeding	2019	0	DCRUST Murthal	0
Investigations on magnetic and electrical	P. Kumar, V. Sharma, J. P. Singh, A. Kumar, S.	Journal of Magnetism and Magnetic Materials	2019	0	DCRUST Murthal	0

properties of Zn doped Fe ₂ O ₃ nanoparticles and their correlation with local electronic structures	Chahal, K. Sachdev, K.H. Chae, A. Kumar, K. Asokan, D. Kanjilal					
UV irradiated photocatalytic performance of yttrium doped ceria for hazardous Rose Bengal dye	S. Chahal, N. Rani, A. Kumar, P. Kumar	Applied Surface Science	2019	0	DCRUST Murthal	0
Core excitation effect on longitudinal momentum distribution width	Ravinder Kumar Pardeep Singh	Proceeding DAE symposium on nuclear physics, Vol 63,734 (2018)	2018	0	DCRUST	0
Influence of coupling of excited states and of deuteron transfer on fusion reactions induced by ^{6,7} Li on ⁶⁴ Ni, ¹⁵² Sm and ²⁰⁹ Bi targets	Neha Rani, Pardeep Singh, Monika Singh, Ravinder Kumar, Rajiv Kumar and Rajesh Kharab	Nucl. Phys. A	2019	0	DCRUST	0
Analysis of fusion excitation function functions of reactions ⁶ He ²⁰⁹ Bi and ⁷ Li ²⁰⁹ Bi around Coulomb	Neha Rani, Pardeep Singh, Ravinder Kumar, Rajiv Kumar and Rajesh Kharab	Mod. Phys. Lett. A	2019	1	DCRUST	0

barrier						
Mg Doped Copper Ferrite with Polyaniline Matrix Core-Shell Ternary Nanocomposite for Electromagnetic Interference Shielding.	Monika Saini, S. K Singh, Rajni Shukla, Ashok Kumar	Journal of Inorganic Organometallic Polymers and Materials	2018	0	DCRUST	0
Nickel doped Cobalt Ferrite/Poly(AnicoPy) multiphase nanocomposite for EMI Shielding application	Monika Saini, Rajni Shukla, S.K.Singh,	Journal of Inorganic Organometallic Polymers and Materials	2018	0	DCRUST	0
A Comparative study of Structural, Thermal and Conducting properties of Polyaniline, Polypyrrole and Poly(AnicoPy) Copolymer	Monika Saini, Nidhi sheoran , Rajni Shukla, Tanuj Kumar, S.K.Singh	MRS Advances	2019	0	DCRUST	0
Structural investigations of lithium bismuth borate glasses doped with nickel ferrite	M Malik, P Narwal, A Yadav, Jyoti, Manisha, S Khasa	AIP Conference Proceedings	2019	0	DCRUST	0
Crystal structure refinement and electrical	Ashima, S Dagar, D Verma, H Dhull, A Yadav, S	AIP Conference Proceedings	2019	0	DCRUST	0

properties of NilxyCu xZnyFe2O4 spinel ferrites	Khasa					
Influence of LiCl on electrical properties of dysprosium doped calcium bismoborate glasses	P Narwal, A Hooda, S Khasa	AIP Conference Proceedings	2019	0	DCRUST	0
Structural and dielectric properties of Na0.7Bi0.3TiO3	S Dagar, A Hooda, D Ahlawat, N Sharma, S Khasa	AIP Conference Proceedings	2019	0	DCRUST	0
Electrical characterization, crystallization and structural properties of iron doped barium bismuth borate glass ceramics	M Malik, P Narwal, A Yadav, A Agarwal, S Khasa	AIP Conference Proceedings	2019	0	DCRUST	0
White light emission from Dy3 doped LiCl?CaO?Bi2O3?B2O3 glasses	P Narwal, Swati, A Hooda, S Khasa	AIP Conference Proceedings	2019	0	DCRUST	0
Rietveld refinement, dielectric and magnetic properties of NBTSpinel ferrite composites	S Dagar, A Hooda, S Khasa, M Malik	Journal of Alloys and Compounds	2019	0	DCRUST	0
Compositional	P Narwal, MS Dahiya,	Bulletin of	2019	0	DCRUST	0

dependence of properties in calcium substituted sodium borophosphate glasses containing ions	P Kundu, A Yadav, A Hooda, S Khasa	Materials Science				
Compositional dependence of white light emission in Dy ³⁺ doped NaCl/BaO bismuth borate glasses	Pinki Narwal, Manjeet S Dahiya, Ashish Agarwal, Ashima Hooda, Satish Khasa	Journal of luminisence	2019	1	DCRUST	1
XRD and FTIR analysis heat treated lithium bismoborate glasses doped with 1.0 mol copper ferrite	Arti Yadav, P. Narwal, Manjeet S. Dahiya, T. Dahiya, A. Agarwal, and S. Khasa	AIP Conference Proceedings	2018	0	DCRUST	0
Spectroscopic and thermal properties of Sm ³⁺ doped iron lead bismuthate glasses	P. Narwal, A. Yadav, M. S. Dahiya, Vishal, Rohit, A. Agarwal, and S. Khasa	AIP Conference Proceedings	2018	1	DCRUST	1
Nanocrystalline Phase Evolution and Structural Modification in Co/V Substituted Li ₂ O-Bi ₂ O ₃ -B ₂ O ₃ Glasses	Arti Yadav, M. S. Dahiya, A. Hooda, A. Agarwal, S. Khasa	AIP Conference Proceedings	2018	0	DCRUST	0
Lead	Manjeet S	Journal of	2018	4	DCRUST	4

modified properties of molybdenum doped lithium borate glasses	Dahiya, Seema Dalal, S Khasa	NonCrystal line Solids				
No file uploaded.						

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Cholesterol Biosensors: A review,	Narwal, V., Deswal, R., Batra, B., Kalra, V., Hooda, R., Sharma, M., Rana, J.S.	Steroids	2019	95	0	Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat, Haryana, India
Characterization of novel and efficient poly3hydroxybutyrate (PHB) producing bacteria isolated from rhizospheric soils.	Priyanka Lathwal, Kiran Nehra, Manpreet Singh and JS Rana	Journal of Polymers and the Environment	2018	64	1	Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat, Haryana, India
Antioxidant potential of soup powder value added with Ophiocordyceps sinensis mycelia powder	Kaushik, V., Sharma, P., Arya, A., Sindhu, A and Singh A	Annals of Agri Bio Research	2019	5	0	Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat, Haryana, India
An improved enzyme nanoparticles based amperometric	Mansi Malik, Reeti Chaudhary and Chandra	Enzyme and Microbial Technology	2019	132	5	Deenbandhu Chhotu Ram University of Science and Technology,

pyruvate biosensor for detection of pyruvate in serum.	Shekhar Pundir						Murthal, Sonipat, Haryana, India
Quantification of pyruvate with special emphasis on biosensors: A review.	Chandra Shekhar Pundir, Mansi Malik and Reeti Chaudhary	Microchemical Journal	2019	75	1		Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat, Haryana, India
Perspectives of lindane (? hexachlorocyclohexane) biodegradation from the environment: a review	Dharmender Kumar, Rochika Pannu	Bioresources and Bioprocessing	2018	15	0		Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat, Haryana, India
Biodegradation of ?Hexachlorocyclohexane by Burkholderia sp. IPL04	Dharmender Kumar	Biocatalysis and Agricultural biotechnology	2018	23	0		Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat, Haryana, India
Identification, Optimization of Culture Conditions and Bioactive Potential of Ophiocordyceps sinensis Mycelium Isolated from Caterpillar Fungus Fruiting Body	Vikas Kaushik, Aditi Arya, Anil Sindhu Ajay Singh	International Journal of Medicinal Mushrooms	2019	25	0		Department of Biotechnology, Deenbandhu Chhotu Ram University of Science Technology, Murthal 131039, Sonapat, Haryana, India
PVP oximeT	Nisha	Journal of	2019	82	0		Department

iO2adenine as a hybrid material: Decent synthesis and depiction with advanced theoretical measurements for anticorrosive behavior and antibacterial potentiality	Saini, Priti Pahuja, Hassane Lgaz, IllMin Chung, Krishan Selwal, Sushila Singhal, Suman Lata	Molecular Liquids				of Biotechnology, Deenbandhu Chhotu Ram University of Science Technology, Murthal 131039, Sonapat, Haryana, India
Removal of Congo Red Dye from Aqueous Solution by Using Limonia acidissima Shell as Adsorbent	Virender Yadav, D.P .Tiwari, Mamta Bhagat	Asian Journal of Chemistry	2018	31	1	Chemical Engineering Department, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	55	53	26	30
Presented papers	21	11	1	0
Resource persons	6	22	11	13
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Civil Engineering	Design of structural elements, flexible and rigid pavements, third party inspection and testing	PWD, Panchayati Raj, Marketing board, Irrigation Deptt., Public Health Deptt.	5304867
Physics	Regional Energy Testing centre ,	As mentioned in the attached file	290280

	DCRUST Murthal		
Architecture	MC office building Community Centres Fire Stations Swarn Jayanti Park Auditorium Haryana Govt. Model School	MCF, Sonipat HPSSP, Panchkula	2154657
Architecture	Gate Complex	Pt. BD Sharma Health University, Rohtak	100000
Architecture	Haryana Govt. Model School	HPSSP, Panchkula	250000
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Architecture	ECBC Training Programme	HAREDA, BEE Govt. of India	100000	50
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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Road Safety Week	NSS	12	200
Bhartiy Chatra Sansad, Pune	NSS	4	32
National Voters Day	NSS	12	306
Blood Donation Camp	NSS	15	506
7 Day NSS Camp	NSS	14	410
Water sports Camp, Pong Dam	NSS	4	36
Education Tour	DSW	2	43
workshop	NSS	1	20
Tree plantation	Induction Program Committee	6	450
GRIHA Awareness Programme	Deptt. of Architecture and GRIHA Council	13	100
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
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GRIHA Awareness Programme	National Level	GRIHA Council	474
No file uploaded.			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat Internship	Ministry of Youth affairs and sports, Govt. Of India	Awareness about cleanliness	6	104
Savera	University (DCRUST)	TEACHING SOCIAL UPLIFTMENT	2	90
SWACH BHARAT	NSS	CLEANINESS DRIVE	14	360
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Post doctoral research	Dr. Manju Rani	BK PLUS2 project	180
Research Project	Dr. Vinod	UGCDAE	1095
Collaborative Research work	Dr Ravinder Kumar	INFN, Pisa, Italy	17
QIP	Dr Manoj Panwar	University	1095
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Research	Post doctoral research	Department of Chemical Engineering, Chungnam National University, Daejeon, South Korea	01/03/2019	31/08/2019	1
International MoU	Summer training	HSOWL	01/07/2018	30/06/2019	5
No file uploaded.					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
PGIMS, Rohtak	20/11/2018	Data / Resource sharing	2
electronics ICT Academy, IIT Roorkee	01/01/2019	Students and faculty training	50
No file uploaded.			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1068	797.54

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Newly Added
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Newly Added
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
No file uploaded.	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	18.11	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	3163	2159099	4276	3770670	7439	5929769
e-Books	339	1950809	169	965701	508	2916510
Journals	163	383741	6	30656	169	414397
e-Journals	7918	9523245	693	1023627	8611	10546872

Digital Database	3	295000	0	0	3	295000
Library Automation	1	141600	0	0	1	141600
Others (specify)	1	506170	0	0	1	506170
No file uploaded.						

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	953	21	953	1	2	0	16	1	0
Added	0	0	0	0	0	0	0	0	0
Total	953	21	953	1	2	0	16	1	0

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

40 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
MOODLE SERVER 14.139.240.39/MOODLE QEEE SERVER 14.139.240.42	http://www.dcrustm.org

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
0	0	184.92	184.92

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 infrastructural services like civil, public health, electrical etc. in the campus of the university are being maintained by Construction Division through various contractual agencies after completing the due procedure of tenders/quotations and departmentally as well.

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	Fee Concession/UNIVERSITY RESEARCH SCHOLARSHIP	313	4321164
Financial Support from Other Sources			
a) National	JRF/SRF and others	328	8525500
b) International	0	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Personal Counselling and Mentoring	01/07/2018	3939	Faculty and staff of the departments
Language Proficiency	01/07/2018	151	Department of Humanities of the University
Yoga, Meditation and other sports	01/07/2018	1200	Sports department of the University.
No file uploaded.			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
No Data Entered/Not Applicable !!!					
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of	Number of	Number of	Name of	Number of	Number of

organizations visited	students participated	stduents placed	organizations visited	students participated	stduents placed
Mentioned in the attached file	1061	124		0	16
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	69	Mentioned in the attached file	Mentioned in the attached file	Mentioned in the attached file	Mentioned in the attached file
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	105
NET	19
Civil Services	16
Any Other	36
No file uploaded.	

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

Activity	Level	Number of Participants
Tennis (M)	North Zone Inter University Tennis (M) Tournament	5
Basketball (W)	North Zone Inter University Basketball (W) Tournament	10
Wrestling (M)	All India Inter University Wrestling (M) Tournament	2
Table Tennis (M)	North Zone Inter University Table Tennis (M) Tournament	5
Athletics (M)	All India Inter University Athletics (M) Tournament	4
Volleyball (M)	North Zone Inter University Vollebyall (M) Tournament	10
Cricket (M)	North Zone Inter University Cricket (M) Tournament	14
Cycling (M)	All India Inter	1

	University Cycling (M) Tournament	
Fencing (M)	All India Inter University Fencing (M) Tournament	5
Handball (M)	North Zone Inter University Handball (M) Tournament	12
Taekwondo (M W)	All India Inter University Taekwondo (M W) Tournament	5
Wushu (M W)	All India Inter University Wushu (M W) Tournament	2
Badminton (M)	InterCollege Badminton (M)	49
Kabaddi (M)	InterCollege Kabaddi (M)	72
Basketball (W)	InterCollege Basketball (W)	60
Basketball (M)	InterCollege Basketball (M)	60
Football (M)	InterCollege Football (M)	120
Table Tennis (M)	InterCollege Table Tennis (M)	25
Badminton (W)	InterCollege Badminton (W)	20
Chess (M)	InterCollege Chess (M)	25
Cricket (M)	InterCollege Cricket (M)	128
Volleyball (M)	InterCollege Vollebyall (M)	84
Tennis (MW)	North Zone Inter University Tennis (MW) Tournament	141
Chess (W)	North Zone Inter University Chess (W) Tournament	5
Kabaddi (M)	North Zone Inter University Kabaddi (M) Tournament	11
Basketball (M)	North Zone Inter University Basketball (M) Tournament	12
Badminton (M)	North Zone Inter University Badminton (M) Tournament	5
Football (M)	North Zone Inter University Football (M) Tournament	20

[View File](#)

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Bronze Medal	National	1	0	1400145302 2	Nitin

[View File](#)

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

No Data Entered/Not Applicable !!!

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Institution has registered Alumni Association, and is registered under society registration act since March 2009.

5.4.2 – No. of registered Alumni:

745

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

In Last one year Association Organized following: Alumni Meet 1 General Body Meeting 1 Executive Committee meeting 4

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)

1. The University has allocated funds to the Departments for the purchase of the Equipments. 2. The participation of the faculty in Faculty Development Programmes has been allowed by the respective Dean of the Faculty.

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Industry Interaction / Collaboration	The Training Placement cell is the interface of the University with Industry. It is a separate Unit which deals with Placement and Campus interviews of our students. The cell is being headed by regular Training Placement Officer. The Training and

Placement Cell acting as interface between University and Companies, has maintained symbiotic, vibrant and purposeful relationship with industries across the country. As a result, it has built up an impressive placement record both in terms of percentage of students placed as well as number on companies visiting the campus in attractive salary packages. The department hosts companies on campus and ensures that every aspirant is assured of a bright career of his/ her choice. A spacious Training Placement Cell, equipped with the stateofArt facilities Seminar Hall of 200 seating capacity for PPTs, 40 seating capacity Air conditioned Lounge, Board Rooms, Smart class Room, Internet Lab, Air conditioned Committee Room for group discussion and Examination Halls have been made available by the University for conducting the Campus Interviews for final year students and training programmes for the prefinal year students towards preparing them for campus recruitment programmes. University has Computer Lab for online test accumulate 130 students in single shift. The Training Placement Cell has been fostering a very productive and mutually beneficial relationship with the industries toward generating the placement opportunities for our students. Our students have the capacity to think beyond the boundaries of contemporary text books as they are nurtured in a quality research environment. For these reasons several corporate have placed us among the top echelon of Institutes for the purpose of campus recruitment programmes. The Cell performs the following functions:

- Nurtures industry institute interaction, by organizing and coordinating frequent industrial visits, in plant training and projects of industrial relevance for the students, with the sole aim of zeroing down the hiatus between the industry and the academia.
- Organizes coordinates campus placement programme, with a view to assist to every aspirant in fetching good placement.
- Helps every students define his/her career interest through individual expert counseling.
- Makes available updated database and job profile of the

companies and thus helps each student analyse and choose company of his interest. The department has in its active file a database of nearly 6000 companies. • Receives and forwards the feedback pertinent curriculum improvement from the visiting companies to the faculty, to ensure that the curriculum follows the latest industrial trends. • Provides facilities for the visiting companies to conduct preplacement talks, written tests, on line Test, group discussions and interviews. • Organizes expert lecture on various topics. Besides this, the University has signed MoUs / done Collaboration with the Industries / Research Organizations as under: • Tampere University of Technology, Finland for R D interactions and mutual exchange programmes. • Daeduk University, Republic of Korea for R D interactions and mutual exchange programmes. • Hoshschule OstwestfalenLippe University of Applied Science, Germany for R D interactions and mutual exchange programmes. • North Dakota State University, USA for R D interactions and mutual exchange programmes. • Dialog is on with University of Jyväskylä (Finland), University of Helsinki (Finland) Bruno Kessler Foundation, Italy. • Letter of Intent is signed for signing MoU with IIT, Kanpur (TEQIP Knowledge Incubation Centre). • National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh for training of students and teachers. • National Power Training Institute (NPTI) for Training of students. • Advanced Technology for Summer Training Industrial Exposure. • Cocubes for Campus Placements. • 1st Naukri.com for Campus Placements.

Human Resource Management

The human resource is managed through the well defined hierarchy structure of the University. The faculty is granted full funding for attending workshop/STP/Conferences in India. For abroad there is upper ceiling of 1.6 lacs. Besides this, there are welfare schemes for the development of the faculty as under: • Pay Scales as per Haryana Government Rules. • Allowances (Medical/ Children Education/ Uniform etc.) • Loans and Advances (Home Loan/ Vehicle/ Computers/Festival) • Leaves

(Study Leave, CCL, Maternity, Earned/ Medical, Academic and Casual etc.) • Pension and other pensionary benefits eg. Gratuity, Leave encashment etc. • Residential Accommodation (Marginal License Fee) • Sport and Gym Facilities • Guest House (Swagat) • Health Centre (Sushruta) • Recreational facilities for children - Lush green parks • Uninterrupted Power and Water Supply

Library, ICT and Physical Infrastructure / Instrumentation

The University Library is housed in Saraswati Library Complex, which is a four storey building, a perfect and beautiful blend of aesthetics, latest technology and green architecture with an area of 9,103 sqm./97,948 sq.ft. The University Library has a seating capacity of 600 members. The University Library opens from 7.00 A.M. to 7.00 P.M. on all working days and 9.00 A.M. to 5.00 P.M. on Saturdays, Sundays and Gazetted Holidays. The University Library has a collection of 66,032 books and 338 ebooks. The University Library subscribes 155 printed Indian Journals. It also subscribes 60 Magazines and 20 Newspapers to cater to the needs of users for current awareness and leisure reading. The University Library has undertaken the subscription to the 7,780 Online Journals including ASCE (American Society of Civil Engineers) - 38, ASME (American Society of Mechanical Engineers) - 29, IEEE/IEL 450, Elsevier (Science Direct) 603, EBSCO (Art Architecture) - 370. Being a member of INFLIBNET the EShodhSindhu Consortium of UGC is providing 6,290 eresources to our University Library like American Chemical Society - 50, American Institutes of Physics - 18, American Physical Society 13, Economic Political Weekly - 01, Springer - 1700, Taylor Francis 1076, JSTOR - 2500, Project Muse - 670, Oxford University Press - 262. The University has also access of two bibliographical databases i.e. ISID and JCCC through INFLIBNET. The University Library offers other services such as: 1. Providing Digital Library Services and remote access to digital contents through open access as well as Integration of all subscribed eresources at URL: www.dcrustlibrary.com 2. Using TURNITIN antiplagiarism web tool for evaluating research submitted online. 3.

Multipurpose/Seminar Hall for holding Seminars and Conferences with a capacity of 100 persons. 4. University Library Signed a MoU with INFLIBNET for submission of thesis and synopsis into Shodhganga for its world wide access. 5. A separate reading hall which remain open for reading and access of INTERNET for 24x7 hrs. 6. Photocopy Services is provided through a private vendor on University approved rates with other facilities of lamination, spiral binding, coloured printing etc. 7. Reference Services on demand 8. Book Bank facility for SC ST students. 9. Library Surveillance through CCTV system using 32 cameras and two LCD monitors.

Research and Development

Departments are actively involved in research in the areas of science, technology, management architecture. More than 400 research scholars are admitted in 16 Departments. Nearly 100 Ph.D. has been awarded. Research Promotion Board has been constituted. Acquired membership of professional bodies of national and international repute. 11 MoUs with a number of universities and research organizations to exchange staff and to conduct joint research work. Research project worth Rs. 21 crores have been granted by various agencies to carry out research.

Examination and Evaluation

Declaration of Final Year Results is within one month.

Teaching and Learning

Lecture delivering method is predominantly used. For the use of eteaching aids being introduced like interactive eboard, projector, etc. every subject, there are tutorial classes as well. Faculty Counselors are provided for academic and personal guidance for every 20 students. Industrial Training after second and third year.

Curriculum Development

The Curriculum is revised every 4 years. The curriculum is designed while taking in to account the niche Technologies, Employability, Entrepreneurship, Pursuits of Higher Knowledge and Overall development of students. Experts from industries, academia research labs are included in the UG PG Board of Studies. Faculty visited various academic institutes within country as well as outside

	country for feedback. Alumni are consulted time to time for curriculum updation. Student feedback about curriculum is also considered while revising the curriculum. Feed back and suggestions from Industries is well considered.
Admission of Students	Very good quality students are admitted both at UG, PG Ph. D level. Highest Rank ~ 14000 JEE Mains. Students prefer the University in Haryana. At UG level, the admissions are done through online offcampus Counseling by Haryana State Counseling Society. At PG level preference is given to GATE qualified candidates and then the merit of test conducted by University is followed. At Ph. D level also the preference is given to JRF/GATE/NET candidates then merit list is prepared based on UG PG percentage, marks obtained in the test and the marks by respective Departmental Research Committee.

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

E-governance area	Details
Planning and Development	Yes, Partially
Administration	Yes, Partially
Finance and Accounts	Yes, Partially
Student Admission and Support	Yes, Partially
Examination	Yes, Partially

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Ms. NeetuVerma	01, International Conference	NA	10000
2019	Dr. Ajmer Singh	01, International Conference	NA	10000
2018	Prof.Parvinder Singh	01, National Workshop at KBA Kerla	NA	55000
2018	Dr. Sanjeev Indora	01, National Workshop at KBA Kerla	NA	55000
2018	Dr. Dinesh	01, National	NA	55000

	Singh	Workshop at KBA Kerla		
2018	Prof.Parvinder Singh	01, International Conference	NA	160000
2019	Prof. Anita	01, International Conference	NA	160000
2018	Prof. Anita, Prof.Amita, Dr.Suman	01 at IIT Roorkee	NA	30000
2019	Dr. Hari Om	Refresher Course on Environmental Studies	UGCHRDC, KUK	11800
2018	Dr. Hari Om	GIAN Workshop/Course on "Nanostructured Metal Oxides for Sensing and Environmental Applcations"	Panjab University, Chandigarh	9580
2019	Dr. Geeta Singh	NA	Society of Biomaterials Artificial Organs, India	4000
2018	Dr. Anand Chauhan	Workshop at GNDU	NA	6000
2018	Dr. Pankaj Kumar	Refresher Programme	NA	12000
2018	Dr. Anil Yadav and Dr. Mamta Bhagat	TEQIP III Professional Development Training (PDT) P.U, CHANDIGARH	NA	13000
2018	Dr. Sunanda and Dr. Manju Rani	TEQIP III Professional Development Training (PDT) IIT, GUWAHATI	NA	26000
2019	Dr.Krishan Kumar	TEQIP III Professional Development Training (PDT)	IIM Shillong	25252
2018	Sachin Dass, Saurabh Jaglan	Pedagogy Workshop on Effective Teaching, IIT Guwahati	NA	35500
2019	Dr. Rajeshwar Dass	ICCIDS 2019, Gurugram	NA	11000

2019	Dr. Himanshi Saini	ICCETM 2019, Shimla	NA	12000
2019	Dr. Himanshi Saini	ICCS 2019, Chandigarh	NA	8500
2019	Dr. Rekha Yadav	International Conference on Intelligent Computing Smart Communication at IHET Tehri	NA	15100
2018	Dr. Manoj Duhan, Dr. Pawan Kumar Dahiya, Dr. Suman, Dr. Anita Dr. Amita	Workshop on IoT at IIT Roorkee	NA	2000
2018	Dr. Sunita Malik	Workshop on NBA Accreditation at Hyderabad from 20.08.2018 to 22.08.2019	NA	32000
2018	Dr. Pawan Kumar Dahiya	Workshop on NBA Accreditation at Hyderabad from 20.08.2018 to 22.08.2019	NA	32000
2018	Dr. Priyanka	Workshop on NBA Accreditation at Hyderabad from 20.08.2018 to 22.08.2019	NA	32000
2018	Dr Manoj Duhan	Workshop on NBA Accreditation at Hyderabad from 20.08.2018 to 22.08.2019	NA	32000
2018	Dr. Pardeep Dr. Ravinder	DAEBRNS, symposium on Nuclear physics Dec,2018, BARC Mumbai	Dept. of Atomic Energy, BARC Mumbai	39000
2018	Dr. Satish Khasa Dr Rajni Shukla Dr. Pawan S Rana Dr. Vinod Kumar Dr Ashok Kumar Dr Ashima	DAESSPS, symposium on solid state physics Dec,2018 GJU Hisar,	Dept. of Atomic Energy, BARC Mumbai	86000
2019	Neha	Attended one day NATIONAL HOUSING CONFERENCE 2019 on 31st May	NA	1500

		2019 Organized by Department of Housing, School of Planning and Architecture, New Delhi.		
2019	Nirmala	Attended one day NATIONAL HOUSING CONFERENCE 2019 on 31st May 2019 Organized by Department of Housing, School of Planning and Architecture, New Delhi.	NA	1500
2019	Dr. Sonia Nain	20th word sumit nanotechnology and expo	UGC/DCRUST	160000
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	University Sponsored STC on Recent Advancements in the field of Healthcare, Biotechnology Environmental Studies	NA	11/02/2019	15/02/2019	30	8
2019	Engineering Approach for Disaster Mitigation, Management, Road Safety and Sustainable Development	NA	28/01/2019	01/02/2019	40	0

2019	Design of Highway Pavements	NA	29/03/2019	29/03/2019	10	0
2018	Framework for Integration of Engineering Curriculum with Modern Modes of Content Delivery by DCRUST Murthal	Framework for Integration of Engineering Curriculum with Modern Modes of Content Delivery by DCRUST Murthal	03/07/2018	05/07/2018	16	0
2019	TEQIPIII sponsored one day workshop on semiconductor devices and circuits laboratory on ELVISII	TEQIPIII sponsored one day workshop on semiconductor devices and circuits laboratory on ELVISII	09/03/2019	09/03/2019	16	0
2018	Signal processing computational intelligence2018	Signal processing computational intelligence2018	17/09/2018	17/09/2018	16	0
2019	Recent trends in Electric power energy systems (RTEPES2019)	Recent trends in Electric power energy systems (RTEPES2019)	15/07/2019	15/07/2019	16	0
2019	AICTE workshop on Exams Reforms	NA	25/05/2019	25/05/2019	71	0
2019	SSDP on "Industry 4.0"	SSDP on "Industry 4.0"	14/01/2019	18/01/2019	80	20
2018	Framework for Integration of Engineering Curriculum with Modern Modes of Content Delivery	Framework for Integration of Engineering Curriculum with Modern Modes of Content Delivery	03/07/2018	05/07/2018	16	8

	by DCRUST Murthal	by DCRUST Murthal				
2019	TEQIPIII sponsored one day workshop on semicon ductor devices and circuits laboratory on ELVISII	TEQIPIII sponsored one day workshop on semicon ductor devices and circuits laboratory on ELVISII	09/03/2019	09/03/2019	16	8
2018	Signal processing computatio nal intell igence2018	Signal processing computatio nal intell igence2018	17/09/2018	21/09/2018	16	8
No file uploaded.						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Attended one week short term course on "Recent Advancement in the field of healthcare, biotechnology and environmental sciences" organised by Department of Biomedical Engineering, DCRUST, Murthal from to	4	11/02/2019	15/02/2019	5
Attended TEQIP sponsored one week short term course on Engineering approach for disaster mitigation Management, road safety and sustainable development organised by	4	28/01/2019	01/02/2019	5

Deptt. of Civil Engineering at DCRUST Murthal from .				
Attended TEQIP sponsored one week soft skill development programme on Innovations in Industry 4.0 organised by Deptt. of Computer Science and Engineering at DCRUST Murthal from.	4	14/01/2019	18/01/2019	5
Attended one week STC from 25022019 to 132019 at Deptt of Civil Engg, DCRUST, Murthal, on "Engineering approaches for disaster mitigation management road safety and sustainable development"	1	25/02/2019	01/03/2019	5
Professional Development Training Programme at IIM Kashipur,	1	27/01/2019	31/01/2019	5
one week STC organized by CEES department , Murthal. (8th April - 12th April 2019)	5	08/04/2019	12/04/2019	5
Safety Management in Process Industries (25th Feb 1st March 2019), organized by Chemical deptt., DCRUST, Murthal	5	25/02/2019	01/03/2019	5

Attended one day NATIONAL HOUSING CONFERENCE 2019 on 31st May 2019 Organized by Department of Housing, School of Planning and Architecture, New Delhi.	2	31/05/2019	31/05/2019	1
Attended One day workshop on 25th May 2019 in Murthal on AICTE examination reforms	3	25/05/2019	25/05/2019	1
Recent advancements in the field of healthcare, biotechnology and environmental sciences	1	11/02/2019	15/02/2019	5
Engineering approach for disaster mitigation management, road safety and sustainable development	3	28/01/2019	01/02/2019	5
Soft skill development programme on industry 4.0	5	14/01/2019	18/01/2019	5
Concrete Mix Design New directions	2	12/11/2018	16/11/2018	5
Attended STC from 12112018 to 16112018 on Concrete Mix Design at DCRUST, Murthal.	6	12/11/2018	16/11/2018	5
Attended One day NBC 2016 at Scope Convention Centre in Jan 2019.	5	01/01/2019	01/01/2019	1

Attended one week STC from 17th June to 21st June 2019 at IIT Roorkee on Application of Structural Equation Modeling in Architecture and Planning.	2	17/06/2019	21/06/2019	5
Refresher Course on Disaster Management at UGC HRDC Khanpur Kalan, Sonipat	1	28/11/2018	18/12/2018	21
Three weeks online refresher course Annual Refresher Programme in Teaching (ARPIT) on "Civil Infrastructure for smart city development"	3	20/12/2018	08/01/2019	19
Attended Refresher course of 21 days on RM from 15112018 to 5122018 in GJU Hisar.	1	15/11/2018	05/12/2018	21
Attended three weeks Student Induction Programme 2018 as per AICTE Guidelines	2	16/08/2018	05/09/2018	21
Attended Workshop on "Framework for Integration of Engineering Curriculum with Modern Modes of Content Delivery held on 3rd - 5th July, 2018 " organized at DCRUST,	3	03/07/2018	05/07/2018	3

Murthal, Sonepat.				
One week shortterm course on "Recent Advancements in the field of Healthcare, Biotechnology and Environmental Sciences: RAHBES2019" organized by Dept. of Biomedical Engineering, DCRUST, Murthal .	4	11/02/2019	15/02/2019	5
TEQIPIII one week shortterm course on "Safety Management in Process Industries" organized by Dept. of Chemical Engineering, DCRUST, Murthal .	3	25/02/2019	01/03/2019	5
Oneweek Short Term Course on Environmental Wellness organized by Centre of Excellence for Energy and Environmental studies, DCR University of Science and Technology, Murthal.	2	08/04/2019	12/04/2019	5
Framework for Integration of Engineering curriculum with modern modes of content delivery	1	03/07/2018	05/07/2018	3
Professional Development	1	19/01/2019	21/01/2019	3

Training programme at IIM Udaipur during Jan 1921, 2019.				
Professional Development Training	1	26/09/2018	28/09/2019	2
WOSA, 4th World Summit on Accreditation at Delhi from 0709 Sept., 2018 theme Challenges and Opportunities in Outcome based Accreditation	1	07/09/2018	09/09/2018	2
Participated as a delegate in the 4th world Submit on Accreditation	1	07/09/2018	09/09/2018	2
Refresher Course	1	10/06/2019	22/06/2019	13
Environmental Wellness	7	08/04/2019	12/04/2019	5
Innovation in INDUSTRY 4.0	8	14/01/2019	18/01/2019	5
Refresher Course	1	10/08/2018	31/08/2018	21
Electric transportation at DTU Delhi	1	20/08/2018	24/08/2019	5
Soft Skill Development Programme on Innovations in Industry 4.0 at DCRUST murthal	12	14/01/2019	18/01/2019	5
STTP on "Image processing on VLSI architechure" at IIT Roorkee	3	26/03/2018	30/03/2018	5
Refresher course on Disaster management at BPSMV Khanpur	2	28/11/2018	18/12/2018	21
Faculty Development	18	11/03/2019	15/03/2019	5

program on Emerging Trends in Optical for All Domain Applications" at DCRUST murthal				
Faculty Development program on Internet of Things" in collaboration with EICT Academy at DCRUST murthal	18	25/02/2019	01/03/2019	5
Workshop on OCSIM software demonstration at DCRUST murthal	5	02/01/2019	02/01/2019	1
Workshop on Modelling acoustics applications with COMSOL Multiphysics at DCRUST murthal	2	29/01/2019	29/01/2019	1
Workshop on PCB prototype machine operation at DCRUST murthal	30	17/01/2019	17/01/2019	1
Recent trends in Electric power energy systems (RTEPES2019)	16	15/07/2019	19/07/2019	5
TEQIPIII sponsored one day workshop on semiconductor devices and circuits laboratory on ELVISII	6	09/03/2019	09/03/2019	1
Signal processing computational intelligence2018	16	17/09/2018	21/09/2018	5
Framework for Integration of Engineering Curriculum with Modern Modes of	14	03/07/2018	05/07/2018	3

Content Delivery by DCRUST Murthal				
GIAN Course	1	06/08/2018	10/08/2018	5
Refresher Course	3	01/02/2019	21/02/2019	21
Workshop on "Framework for integration of engineering curriculum with modern modes of content delivery" held at DCRUST, Murthal.	2	03/07/2018	05/07/2018	3
Recent advances in materials, Energy and Environmental Engineering Organized by IIT, Guwahati	2	16/07/2018	20/07/2018	5
Nanostructured metal oxides for sensing and environmental Applications organized by Punjab University, Chandigarh	2	06/08/2018	10/08/2018	5
Participated as Mentor in Student Induction Program 2018 (As per AICTE guidelines) organized by, Deenbandhu Chhotu Ram Univ. of Sci. Tech., Murthal .	2	16/08/2018	05/09/2018	21
Safety Aspects of Storage, Handling and Transportation of Petroleum organized by MNIT, Jaipur	1	07/01/2019	11/01/2019	5
One week soft skill development	3	14/01/2019	18/01/2019	5

programme on "Innovations in Industry 4.0" organized by Dept. of Computer science and Engineering, DCRUST, Murthal.				
Workshop on "Health and Wellness of Women in India" organized by the Women Cell, DCRUST, Murthal .	2	11/03/2019	11/03/2019	1
Professional Development and Capacity Building of teachers of higher education Institution	1	11/03/2019	18/03/2019	8
One week shortterm course on "Recent Advancements in the field of Healthcare, Biotechnology and Environmental Sciences: RAHBES2019" organized by Dept. of Biomedical Engineering, DCRUST, Murthal .	3	11/02/2019	15/02/2019	5
Piping Engineering course organized by IIT, Bombay	1	22/02/2019	05/03/2019	11
TEQIP III one week shortterm course on "Safety Management in Process Industries"	6	25/02/2019	01/03/2019	5

organized by Dept. of Chemical Engineering, DCRUST, Murthal .				
Oneweek Short Term Course on "Environmental Wellness" organized by Centre of Excellence for Energy and Environmental studies, DCR University of Science and Technology, Murthal.	2	08/04/2019	12/04/2019	5
"AICTE Workshop on Examination Reforms" organized by AICTE at DCRUST, Murthal.	1	25/05/2019	25/05/2019	1
Workshop on "Framework for integration of engineering curriculum with modern modes of content delivery" held at DCRUST, Murthal.	2	03/07/2018	05/07/2018	3
Participated as Mentor in Student Induction Program 2018 (As per AICTE guidlines) organized by, Deenbandhu Chhotu Ram Univ. of Sci. Tech., Murthal .	1	16/08/2018	05/09/2018	21
3rd workshop on "Clinical Sciences on Auricular Therapy and Arterial	2	28/09/2018	28/09/2018	1

Health", organized by the Department of Biomedical Engineering, DCRUST Murthal.				
Four weeks refresher course in Life Sciences Biotechnology sponsored by UGC , held at Human Resource Development Centre, JNU , New Delhi.	2	08/10/2018	02/11/2018	21
Refresher Course in ASCHRDS, BPS Mahila University, KhanpurKalan (Sonepat).	1	28/11/2018	18/12/2018	21
One week soft skill development programme on "Innovations in Industry 4.0" organized by Dept. of Computer science and Engineering, DCRUST, Murthal.	1	14/01/2019	18/01/2019	5
Workshop on "Health and Wellness of Women in India" organized by the Women Cell, DCRUST, Murthal .	2	11/03/2019	11/03/2019	1
Two Week Workshop Course on "Genome Manipulations, Editing and Interference by VIGS, CRISPR and RNAi "being organized by GIAN, Department of	1	05/03/2019	14/03/2019	10

Bio and Nano Technology , Guru Jambheshwar University of Science and Technology, Hisar125001, Haryana.				
Continuing Professional Development Programme on "Conflict Management, Decision Making and Problem Solving Skills"	1	10/07/2018	12/07/2018	3
"AICTE Workshop on Examination Reforms" organized by AICTE at DCRUST, Murthal.	3	25/05/2019	25/05/2019	1
TEQIP III Professional Development Training (PDT) held at IIM Shillong	1	19/06/2019	21/06/2019	3
Safety Management in Process Industry	3	25/02/2019	01/03/2019	5
Environmental Wellness	4	08/04/2019	12/04/2019	5
Innovation in INDUSTRY 4.0	3	14/01/2019	18/01/2019	5
TEQIP Sponsored FDP on Internet of Things	1	25/02/2019	01/03/2019	5
University Sponsored STC on Recent Advancements in the field of Healthcare, Biotechnology Environmental Studies	5	11/02/2019	15/02/2019	5
Refresher course on Disaster	2	28/11/2018	18/12/2018	21

Management				
Environment Studies (ID)	1	10/08/2018	31/08/2018	21
Professional Development and Capacity Building of Teachers of Higher Education Institutions	1	11/03/2019	18/03/2019	8
Refresher Course in Contemporary Issues of the World	1	27/11/2018	17/12/2018	21
Attended "Faculty Development program for student Induction from at DCRUST, Murthal.	4	13/07/2018	15/07/2018	3
Attended AICTE workshop on Examination Reforms	4	25/05/2019	26/05/2019	2
Attended workshop on "Framework for integration of Engineering curriculum with modern modes of content delivery held from, organised by Deptt. of Electrical Engineering.	4	03/07/2018	05/07/2018	3
Attended workshop on "Clinical Sciences on Auricular Therapy and Arterial Health heald on, organised by Deptt. of Biomedical Engineering.	4	28/09/2018	28/09/2018	1
Attended TEQIP sponsored one	4	25/02/2019	01/03/2019	5

week short term course on "Safety Management in Process Industries"" organised by Deptt. of Chemical Engineering at DCRUST Murthal from

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
56	0	4	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
No Data Entered/Not Applicable !!!		

6.4 – Financial Management and Resource Mobilization

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

University regularly conducts internal and external financial audits by the State Government Agency and the University every year.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NA	0	NA
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6.4.3 – Total corpus fund generated

98500000

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	No		No	
Administrative	No		No	

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Regular meeting with the promoters and the Directors of the affiliated colleges were held in which they were apprised by the benefits that shall accrue from autonomy.

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

Parents Teachers meeting have been regularly conducted by the departments.

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

They are made abreast of the computer knowledge word, excel etc.

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

No Data Entered/Not Applicable !!!

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Participated in NIRF Ranking	05/12/2018	01/07/2018	30/06/2019	0
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
No Data Entered/Not Applicable !!!				

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

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

4

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
No Data Entered/Not Applicable !!!		

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
No file uploaded.							

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

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

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
No file uploaded.			

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

1. Plantation/greenery is maintained throughout the campus. Shady trees are planted alongside lush green lawns/parks. Further, the forest area / Nursery and Guava Gardens are maintained. 2. Reduction of carbon emissions through use of renewable energy methods such as the use for Solar Light to lit the campus, Solar Panels in the hostels guesthouse for water heating and Solar Panels on the roof top of the Building for power generation. 3. University Campus is a no drinking, no nonvegetarian, no smoking, and no plastic zone 4. Battery operated vehicles in the Campus 5. Dead Leaves waste papers are not allowed to put on fire 6. Rain Water Harvesting is being done 7. Green Building Concept has been adopted

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Savera School: The Savera volunteers (Students of the University) teach the students from 4:00 to 6:00 pm. Classes constitute of students from 1st to 12th class. A team of more than 90 volunteers are currently helping 150200 underprivileged children of all levels, including students of 2 classes. Books and stationary are collected by the volunteers from different sources. Cultural and technical activities are organized various Festivals are celebrated at Savera School. 2. Robotic Club: The Objective of the Club is to create the next generation of Embedded Robotics Engineers with a practical outlook to provide practical solutions to real world problems. The Club organizes one month hobby class of Robotics in each semester after the office hours whrerin the teachers senior student teach the Robotics skill to junior students. The University has decided to link this club to eYantra project, a project by IIT Bombay sponsored by MHRD through NMEICT, and established a Embedded System Robotics Lab under eYantra Lab Setup Initiative (eLSI).

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

7.3 – Institutional Distinctiveness

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

The University has been quite Quality Conscious and proactive in implementing Curriculum Reforms, Examination reforms Faculty Development Activities as evident from the followings: • University is regularly (avg. 4 years) revising its curriculum based on the input from all its stakeholders. • The new scheme syllabus subsuming Learning outcomebased framework has already been approved by Academic Council of the University implemented from the academic session 201819. • The University has decided to conduct Induction Programme for Students. • The University has been taking part in the projects from MHRD NMEICT, QEEE, eYantra etc. Courses through MOOCs have been allowed in the

revised curriculum. • The University has adopted examination reforms. The University is having an online examination system. • Almost all the teachers undergo refresher courses, STP, Workshops at regular interval. Almost all the educational administrators have undergone leadership/ management training at IIMs. • The Faculty of the University has already been actively involved in R D activities. They have been credited with research projects from various funding agencies their research outcome has been published in national international journals conference proceedings of repute. The faculty members of the University are already doing mentoring of non accredited institutions.

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

1. Increase in Intake in B.Tech. in Electronics and Communication, Computer Science and Engineering Mechanical Engineering (60 to 120) and B.Sc.-M.Sc. Dual Degree Physics, Chemistry, Biotechnology and Mathematics (30 to 60). 2. More number of Faculty Development Programmes/STP/Conferences are in pipeline. 3. Academic Audit is in the pipeline. 4. Accreditation of all eligible technical programmes. 5. Incubation Centre is in pipeline.