Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**DRIEMS**
Name of the head of the Institution	**Dr. RAJENDRA KUMAR DAS**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**0671-2595062**
Mobile no.	**9438486086**
Registered Email	**info@driems.ac.in**
Alternate Email	**iqac@driems.ac.in**
Address	**At- Kairapari, PO- Kotsahi (Tangi), Dist- Cuttack**
City/Town	**CUTTACK**
State/UT	**Orissa**
Pincode	**754022**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	**28-Dec-2017**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. Alok Ranjan Biswal**
Phone no/Alternate Phone no.	**06712595061**
Mobile no.	**9937966005**
Registered Email	**info@driems.ac.in**
Alternate Email	**iqac@driems.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.driems.ac.in/driems-degree/

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.driems.ac.in/driems-degree/n_docs/ACADEMIC%20CALENDAR%20ODD%20SEM.docx

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	Validity Period To
1	**A**	**3.05**	**2014**	**05-May-2014**	**04-May-2019**
2	**A**	**3.05**	**2018**	**04-Dec-2018**	**31-Dec-2023**

6. Date of Establishment of IQAC

29-May-2009

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
TEQUIP-III BPUT SPONSORED EXPERT TALK BY DR.R.H.GOUDAR ORGANISED BY DEPT. OF BASIC SCIENCE AND HUMANITIES	28-Nov-2019 1	135
[View File](#)		

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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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 :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)
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)

• QUALITY AUDITS DUE TO COVID19 PANDEMIC, • TRAINING TO TAKE ONLINE CLASSES IN ZOOM, MICROSOFT TEAMS AND GOOGLE MEET ARE IMPARTED TO FACULTY MEMBERS OF DRIEMS SINCE APRIL 2020. • ENCOURAGING FACULTY MEMBERS TO ATTEND MANY ONLINE PROGRAMMES CONDUCTED BY AICTE • STRENGTHENED THE INITIATIVES OF CAREER DEVELOPMENT CELL (CDC) TOWARDS GREATER CONSOLIDATION

No Files Uploaded !!!

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

Plan of Action	Achivements/Outcomes
OUTCOME BASED SYLLABUS	IMPLEMENTED FOR AUTONOMOUS STREAM
No Files Uploaded !!!	

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Governing Body	04-Dec-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2019

Date of Submission	31-Dec-2019

17. Does the Institution have Management Information System ?	Yes

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	MIS functioning with Academic Examination Module

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
BTech	UG	Electronics Telecommunication Engineering	07/08/2019
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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
BTech	Electronics Telecommunication Engineering	08/07/2019	Digital System Design - ECT202	08/07/2019
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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
BTech	Electronics & Telecommunication Engineering	07/08/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Electronics Telecommunication Engineering	08/07/2019
BTech	Mechanical Engineering	06/07/2019
BTech	Computer Science & Engineering	06/07/2019
BTech	Electrical Engineering	20/07/2019
BTech	Electrical & Electronics Engineering	20/07/2019
BTech	Civil Engineering	06/07/2019

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
Autocad	01/07/2019	74
Staadpro	01/07/2019	56
Autocad	14/10/2019	42
Solid Works	20/09/2019	40
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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
BTech	Electronics & Telecommunication Engineering	10
BTech	Mechanical Engineering	39
BTech	Mechanical Engineering	135
BTech	Computer Science & Engineering	40
BTech	Computer Science & Engineering	82
BTech	Electrical Engineering	21
BTech	Electrical & Electronics Engineering	11

BTech	Civil Engineering	47
BTech	Civil Engineering	103
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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

Our institution collects feedback from its stakeholders such as students, teachers, parents, employers and alumni every year for the development of the college as well as for the development of our students in terms of its relevance and appropriateness based on recent developments,. The feedback system plays a vital role for the development any Institution, In this context, the feedback system is smoothly running with the collections individual feedback from the faculty, students, parents, alumni ,industry persons etc. during every semester interval. The valuable suggestions are being implemented with due approval of the committee members. The College follows a continuous review system of the curriculum. The Institute has an IQAC to create Quality sustenance and Quality enhancement measure. The IQAC has been infusing a sense of belongingness into the entire teaching faculty of the Institution. The functioning of various committees of the College strengthens the quality sustenance and enhancement measures to ensure the effective development of curricula. The college makes efforts to integrate socially relevant issues into the curriculum with the help of the different cells functioning in the college like Career Guidance Cell, Anti-Ragging Cell, SC/ST Cell, NSS and woman harassment cells. The Academic Audit Committee ensure quality enhancement. IQAC has been organizing Faculty Development Program every year to enhance the quality education and teaching pedagogy of the faculty to reach at optimum level.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
Mtech	Electrical Power System	9	9	9
Mtech	Computer Science & Engineering	9	5	5
Mtech	Mechanical System Design	24	4	4
Mtech	Electronics & Telecommunicati	9	1	1

		on Enginering			
BTech	Civil Engineering	60	60	14
BTech	Electrical & Electronics Engineering	30	9	9
BTech	Electrical Engineering	45	16	16
BTech	Computer Science & Engineering	120	120	115
BTech	Mechanical Engineering	90	72	72
BTech	Electronics & Telecommunication Enggineerin	45	14	14

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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
2019	208	39	117	13	130

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	Numberof smart classrooms	E-resources and techniques used
130	115	Nill	11	6	Nill

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

DRIEMS Autonomous Engineering College has Mentor-Mentee System. It is functioning with an objective to bridge the gap between the teachers and students and to guide students on both academic and personal wellbeing of a student. The allotted faculty acts as a mentor to a group of 20 students. First year students mentors are from the department of humanities and social science and 2nd, 3rd and 4th year students' mentors are from the respective department. The individual department faculty mentors acts as mentors for the same group of students till their graduation. It develops a special bond with the faculty, resulting in greater exchange of ideas and improved career guidance. To make the mentoring system rigorous and value adding, faculty members keep a detailed record of the performance of the mentee regularly. The mentors perform the following functions: • Maintain an open and friendly environment between mentor and mentees. • Continuously monitor, counsel, guide and motivate the students in all academic, personal and career concerns. • Contact parents if situation demands e.g. academic irregularities behavioural changes and interpersonal relationship etc. • Discover talents and interests of mentees and encourage them. • Advice students in their career development

regarding self-employment opportunities, honesty and integrity required for career growth. • Advice students in their professional development regarding professional goals, selection of career and higher education. • Counsel them on their course regarding low attendance and poor performance. • Maintain a mentoring form with a brief but keep a clear record of all discussions with student. • Intimate HOD if any administrative action is needed. It enhances the students' confidence and challenges them by setting higher goals and ultimately guiding them to achieve higher levels. It is the better way for students to have psychological support at the time of need. In addition, mentoring for students helps them to feel more connected and engaged on campus, which can ultimately improve student outcomes and students become more discipline in their academic journey.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
945	130	1:7

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
0	0	0	0	2

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
2020	PROF.BISWAJIT JENA	Assistant Professor	EDUCATION EXCELLENCE AWARD
2019	Dr. Bidyadhar Swain	Associate Professor	PhD
2019	Dr. Leena Pattanaik	Associate Professor	PhD
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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	UG	Semester	20/07/2020	13/08/2020
Mtech	PG	Semester	20/07/2020	13/08/2020
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	0	00

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)

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
UG	BTech	Computer Science & Engineering	94	90	95.75

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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)

https://www.driems.ac.in/driems-degree/iqac/2019-20_SSS.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

Yes
Name of the teacher getting seed money
Dr. Saine Sikta Dash
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
Nill	Nil	Nil	Nill	Nil
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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
Projects sponsored by the University	1	BPUT, TEQIP-III	0.11	0.11
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

1

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
AUTOMATED MANUFACTURING PROCESS	Mechanical Engineering	01/07/2019

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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
Nil	Nil	Nil	Nill	Nil

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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nill

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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
Engineering Physics	1
Humanities Social Sciences	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Electronics Telecommunication Engineering	1	3.80

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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
Electronics Telecommunication Engineering	2

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Invention Title: Method for Data Transmission Publication Number: 43/2019 Field of Invention: Communication	Published	201941042929	25/10/2019

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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Medical Image Edge Detection Using Modified M orphologic al Edge Detection Approach	Dr. J. Mehena	Internat ional Journal of Computer Sciences and Engine ering	2019	4	DRIEMS	2
A Study On Mechanical And Durability Properties Of Interlo cking Fly Ash Based Concrete Paver Block Using Different Types OfChopped Fibres.	Prof. Biswajit Jena	Journal Of XIAN University Of Archite cture And Technology	2019	Nill	DRIEMS	Nill
Review On Study Of Soil St abilizatio n By Appli cation Of Micro Organisms.	S.S Mohapatra, P.K Pradhan	Springer Nature Pub lication	2019	Nill	DRIEMS	Nill
Mechanical Properties Of Self-Co mpacting Concrete Made Of Glass Fibre.	Biswajit Jena	Recent D evelopment s In Sustaining Infrastruc tures	2020	Nill	DRIEMS	Nill
Behaviour of inclined loaded	Sahu R, Patra C R, Das B M, Sivakugan N	Geotechn ical and Geological Engineerin g	2020	Nill	NIT ROURKELA	1

strip foundations resting on geogrid reinforced sand						
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Evaluation of waste management practices of health care units:A graph theoretic and matrix	J.N.Biswal	IJRTE	2019	2	3	DRIEMS
No file uploaded.						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	13	55	0
Presented papers	0	0	0	0
Resource persons	0	0	0	0
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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)
Mechanical Engineering	Consultancy	Oriclean	141300
Computer Science Engineering	ERP Package	IT Info Tech	72000
Civil Engineering	Construction of station buildings service etc.	Sri Durga concave (P) Ltd.	76305
No file uploaded.			

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

Name of the Consultan(s)	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees

department				
PRANAB KISHORE DASH	SUPPLY CHAIN MANAGEMENT	ORICLEAN PVT.LTD	141300	30
SACHIDANANDA SAMAL	Electronics Weighing Machine Design and Calibration	ORICLEAN PVT.LTD	50000	25
DEEPAK RANJAN BISWAL , DR ALOK RANJAN BISWAL	OVERHAULING PROCEDURE,CNC ETC.	SDC Pvt. Ltd	240000	15
SACHIDANANDA SAMAL	IoT Based Automation	ORICLEAN PVT.LTD	100000	30
DEEPAK RANJAN BISWAL , DR ALOK RANJAN BISWAL	BASIC INDUSTRIAL REQUIREMENTS	ORICLEAN PVT.LTD	525000	30
GYANES DAS	Electronics System Design and Prototyping	OLTRON Technology	40000	20
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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
Project model development in the project Innovation Festival -2019	Regional Science Centre BBSR,Odisha	1	2
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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
Nil	Nil	Nil	0
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat	NSS DRIEMS	Swach Bharat Abhijan	3	25
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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
STTP	65	AICTE	6
STTP	70	TEQIP	6
DCP	200	AICTE	3
INDUSTRIAL EXPERT TALK	150	TEQIP-III	2
BOOT CAMP	180	IED ODISHA,GOVT.OF ODISHA	2
BOOT CAMP	100	IED ODISHA,GOVT.OF ODISHA	5
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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
INTERNSHIP	ADVANCEMENT IN AUTOMOBILE TECHNOLOGY	SKY RIDER AUTOMOTIVE,GRAM TARANG AND NSDC, Govt. of India	12/11/2019	16/11/2019	20
Project work	ANDROID BOTICS	ROBOSAL ASSOCITED WITH AAKAAR, IIT BOMBAY	05/09/2019	07/09/2019	30
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ORICLEAN PRIVATE LIMITED	06/01/2020	Industrial based internship, project work, hands on training	65
DHRUTISHREE ENGINEERING	03/02/2020	Industrial based internship, project work, hands on training	60
M/S OLTRON TECHNOLOGY	02/01/2019	Electronics System Design and	25

	Prototyping	
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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
575	573

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
LibSys	Fully	6.0	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	32586	9793528	512	194048	33098	9987576
Reference Books	5599	1678550	0	0	5599	1678550
e-Books	454	Nill	Nill	Nill	454	Nill
Journals	94	214535	Nill	Nill	94	214535
e-Journals	256	233005	Nill	Nill	256	233005
CD & Video	1418	Nill	Nill	Nill	1418	Nill
Library Automation	1	253325	Nill	Nill	1	253325
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module	Date of launching e-

		is developed	content
Nil	**Nil**	**Nil**	**Nill**
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	**490**	**12**	**60**	**2**	**1**	**5**	**9**	**70**	**0**
Added	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total	**490**	**12**	**60**	**2**	**1**	**5**	**9**	**70**	**0**

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

70 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
A Review of Techniques in Practice for Sensing Ground Vibration Due to Blasting in Open Cast Mining (Cyberphysical Systems and Digital Twins)	https://link.springer.com/chapter/10.13-030-23162-0_28
Note for Programming in C by Shekharesh Barik	https://lecturenotes.in/notes/18412-noprogramming-in-c-c-by-shekharesh-barik
Note for Design Analysis of Algorithm by Shekharesh Barik	http://13.127.222.216/notes/55905-note-for-design-and-analysis-of-algorithm-daa-by-shekharesh-barik
Note for Internet of Things - IoT by Surajit Mohanty	https://lecturenotes.in/notes/50562-note-for-internet-of-things-iot-by-surajit-mohanty
Note For Water Resources Engineering By Biswajit Jena	https://lecturenotes.in/notes/19286-note-for-water-resources-engineering-wre-by-biswajit-jena
Note For Water Supply And Sanitary Engineering By Biswajit Jena	https://lecturenotes.in/subject/170
Note For Structural Dynamics And Earth Quake Engineering By Biswajit Jena	https://lecturenotes.in/notes/54661-note-for-earthquake-engineering-ee-by-biswajit-jena%3Freading=true?reading=true&continue=5
Note For Material Testing Lab Manual By Biswajit Jena	https://lecturenotes.in/practicals/14947-lab-manual-for-material-testing-mt-by-

	biswajit-jena
Note For Irrigation Engineering By Biswajit Jena	https://lecturenotes.in/notes/59616-note-for-irrigation-engineering-ie-by-biswajit-jena
notes for fluid mechanics by sourya snigdha mohapatra	https://lecturenotes.in/notes/46535-note-for-fluid-mechanics-and-hydraulic-machines-fmhm-by-sourya-snigdha-mohapatra
Note For Advanced Mechanics Of Solids - AMOS By Sourya Snigdha Mohapatra	https://lecturenotes.in/notes/59734-note-for-advanced-mechanics-of-solids-amos-by-sourya-snigdha-mohapatra
Notes for transportation engineering by sourya snigdha mohapatra	https://lecturenotes.in/notes/54650-note-for-transportation-engineering-te-by-sourya-snigdha-mohapatra
Note For Water Resources Engineering - WRE By Sourya Snigdha Mohapatra	https://lecturenotes.in/notes/50572-note-for-water-resources-engineering-wre-by-sourya-snigdha-mohapatra
Note For Estimation And Quantity Surveying - EQS By Sourya Snigdha Mohapatra	https://lecturenotes.in/notes/50569-note-for-estimation-and-quantity-surveying-eqs-by-sourya-snigdha-mohapatra

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 incurredon maintenance of physical facilites
22	20.12	553	553

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)

The college has provided desktops and cyberspace artefact to all Departments. The college has its own software for managing the academic activities finished intranet. The college has its own website. Swell SMS and net mail is old to covenant with the students for delivering request, info regarding attendance, and other reports to parents, series counselling, assignments etc .the Departments and Computer Labs are affined to LAN with Net Installation. Education rooms, Hostels, Canteens, Assemblage and Give areas are plastered under persisting Wi-Fi. Satisfactory machine hit is provided to faculty/staff/students. Trainings and hit has been decently conferred to faculty/staff/students on ICT .Wi-Fi enabled campus. Emotional towards paperless part.

https://www.driems.ac.in/driems-degree/iqac-procedures-policiess.php

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	**Merit Scholarship**	**90**	**1050000**
Financial Support from Other Sources			
a) National	**PRERANA E- KALYAN**	**128**	**8320000**
b)International	**NIL**	**0**	**0**
No file uploaded.			

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 implemetation	Number of students enrolled	Agencies involved
Career Counselling	**09/09/2019**	**100**	**DRIEMS**
Yoga - Physical Fitness Programme	**09/09/2019**	**250**	**DRIEMS**
Soft Skills - Pre Placement Training	**02/09/2019**	**100**	**CDC**
Language Lab	**22/08/2019**	**150**	**Orell Software**
View File			

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 passedin the comp. exam	Number of studentsp placed
2019	**Placement Orientation Soft Skill Development**	**203**	**203**	**98**	**95**
2019	**QSPIDER TECHNICAL SKILL TRAINING PROGRAM**	**7**	**7**	**7**	**7**
2019	**RAMTECH GIS TRAINING SKILL DEVELOPMENT**	**72**	**50**	**42**	**42**
View File					

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
1	**1**	**2**

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
INFINITE	94	4	TATA CONSULTANCY SERVIDES	89	3
[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
2020	68	UG	ME, CSE, EE, EEE, ETC, CE	DRIEMS, SOA, NIT, XIMB, KIIT	M.Tech, MBA
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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	32
CAT	5
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Dance Competition	Inter College	32
[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
Nill	NIL	Nill	Nill	Nill	-	-
No file uploaded.						

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

There is a nominated Student Council in the institution which gets involved in all student related activities. The Council comprises of students from all the years irrespective of departments and nominated by the Heads of the Departments of the institution. The Council is nominated on the basis of academic performance in the previous semester, attendance in the current semester, impression of the mentor and achievements in co-curricular and extra-curricular

activities. The Council takes an active role in all the students' related activities such as academics, administration, co-curricular and extracurricular activities of the institution. The Council takes an active role during the collection of student feedback and holds regular meetings with the Principal regarding performance of teachers in the classroom and other academic activities. The student Council is consulted at the time of preparation of Academic Calendar. The Student's council provides an opportunity to students to develop their leadership skills through active participation in college administration and students collaboration. The student council performs the following functions: 1. Organizing cultural activities and sports activities for students. 2. Communicating problems faced by students to Principal and management of college. 3. Maintaining discipline in college campus. 4. Maintaining college campus clean and green. 5. Participation in extension activities like Swachh Bharat Abhiyan, Tree Planation, Yoga Day, Blood Donation etc. 6. They give their suggestions for purchase of books, magazines for library. 7. Campaign for a ragging – free environment in the College. The members of the Students' Council are also members of various committees of the institution such as: 1) Anti-Ragging Committee 2) Athletic Committee 3) NSS Committee 4) Alumni Association 5) Anti-Sexual Harassment Cell 6) Annual Magazine Committee 7) Cultural Committee 8) Technical Societies 9) Discipline Committee 10) Hostel and Maintenance Committee 11) Committee for preparation of Academic Calendar

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni Association DRIEMS (Degree)is a registered organisation having Registration no 18135/88 of 2012-2013 under the act XXI of 1860. The total number of members enrolled: 1901 till june 2020. This organisation strives to nurture a lifelong intellectual and emotional relationship with the college and amongst Alumni and provide sustainable platform for effective networking, goodwill and support. It promotes and fosters mutually beneficial interaction between the Alumni and the present students of the Institute and between the Alumni themselves. It also encourages, promotes and facilitates education, research and other activities of the Institute. Following are the key objectives of this organisation: In the felicitation of Alumni Meet the degree and proposition of participation and involvement is highly fabulous in nature. They provide the details of their position and service and the prevailing competition in the present scenario. They involved in motivating and guiding the students by sharing their past and present experiences in their relevant field. Career guidance Programs are conducted for higher studies and jobs by the high profiled alumni to the concerned department students in context to their institution and other institutions too. Some of the alumni who have become entrepreneurs by running their own Workshops, Service Centers, Computer Centers, Internet Browsing Centers etc. have extended their co-operation for the students, By guiding the students during campus interviews for the current final year students. • To encourage the Alumni to take an active interest and participate in the work and progress of the Institute so as to contribute towards enhancement of the social utility of their Alma Mater. • To establish, maintain, control and manage Chapters of the Association in India and Abroad as a means to increase participation of Alumni. • To help the alumni with their technical problems through involvement of other alumni and faculty of the institute. • To recognize outstanding social and community service by the Alumni and the students. • To invest and deal with the funds and moneys of the Association. • To print, publish and circulate articles, news letters, journals, bulletins, pamphlets, posters, that the Association deems fit/desirable for promotion and furtherance of its objectives.

5.4.2 – No. of registered Alumni:

1901

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

20500

5.4.4 – Meetings/activities organized by Alumni Association :

- A Seminar has been organised on 14th Aug 2019 on the topic "Human Computer Interface". The Talk was presented by the Alumni, Deepak Kumar Padhi, IIT, Bombay (2011 batch).

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)

A supple governance performance allows the institution to urinate signatory strides towards the fruition of its goals. Organisation is based on themes of: 1. Independency and omission: Each edifice and administrative sets their own organism strategies along with the Lead of the infirmary. Along with the strategy, a set of targets and boundary conditions are prescribed against which the loco mote towards sale the strategy is metric. 2. Synergism between academia and administrative where administrative tracks are kept identify since the requirements of individuals in the two tracks are opposite. Shared (HR, finance, register management, demesne management etc.) centres are foreign and operated that service all the Faculties. Clarity and answerability: Uncloudedness is apportion at two level institution to outside stakeholders and within the organisation. For the stakeholders, yearbook reports, research publications, scholarly and programme reports are publicised. Internally, a 360 level feedback transform alone assist for appraisals is allocate. To ensure answerability, targets Every twelvemonth during the strategy resolution stage, against which each function is plumbed. 4. International advisory: Statutory donnish bodies like Boar Direction, Educator Council and Boards of Studies are represented outside members from domain and industry who support efficacious inputs are unified into the method. 5. Body sign: All the statutory of the create body members state as mandated by the regulations which is detailed beneath: Statutory Body Gross magnitude of` members Game board of Direction, Scholarly Council, Power Committee of Studies, Explore Consultative Commission, Preparation Monitoring Sign, Departmental Boards of Studies, Far Faculty conducts HoDs meetings periodically wherein body sign academics, brass and search is discussed and decisions taken in the division surface, faculty provide their signal on different graduate in departmental meetings so that the interests of the principal stake holds viz., students, are confiscate fixing of. In improver to the above, Faculty members are piece of Class Committees wherein they official in changes of the pedagogy epistemology and judgment epistemology after interacting with the students. In different committees constituted from measure to time for the smooth running of the infirmary.

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

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):

Strategy Type	Details
Admission of Students	A separate admission team has been

	created to focus only on the student admission process. The team is assigned to help the students and pass any kind information throughout the year in regards to their admission, scholarships and other information.
Industry Interaction / Collaboration	The institute has been collaborated with different industries in the past year to emphasize the placement of the students in maximum number. Different training programs offline and online has been conducted by the training and placement department to motivate and improve the quality of the students to crack in maximum no of placement in good industrial areas.
Curriculum Development	Every department has conducted board of studies meeting with a subject expert from the institution and a subject expert from the university, mentor, industry expert, alumni and faculty members to develop the curriculum and syllabus for every semester with theories and laboratories. The curriculum is suggested by the faculty members and rectified thoroughly and passed in the BoS meeting.
Human Resource Management	New research experts have been appointed to emphasize the research programs going on in the institutes. Moreover professors from different renound institutes with more experience have recruited to reenergise the faculties with new ideas and a believed support from their experiences.
Library, ICT and Physical Infrastructure / Instrumentation	A part of the library has been updated with new edition of books and video lectures of the faculties and other subject experts has been included in the library. ICT classroom with modern facilities has been provided to every department. Few labs have been developed in some departments to emphasize the project work of the students.
Research and Development	Faculty members are provided with sufficient funds and opportunities to go for research programs with the students. Faculties are motivated to attend short term courses, webinars, conferences conducted in national or international level and publish their journal papers.
Examination and Evaluation	As an autonomous body, the examination section has clearly taken

	the responsibility of the examination by providing the platform of preparing the question papers from the internal as well as external examiners. Also evaluation of the answer sheets and production of the results have been given more importance to be done in time. Double checking of the answer sheets by examiners and the mark foils have given more emphasis.
Teaching and Learning	Teaching and learning process is mainly emphasized by different methods adopted such as ICT classrooms in every department and power point presentations by the teachers. Summer internships and study tours have been more emphasized.

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

E-governace area	Details
Administration	The Notice for the meetings is circulated through digital media such as whats app, Intramail or webmail of the concerned members. Biometric attendance is in place to record the attendance of all staff members. The attendance of the students has been maintained in Management Information System (MIS). The MIS has also incorporated with model questions, Video lectures and other academic materials related to students benefit.
Finance and Accounts	The Finance and accounts is managed through online mode. This has helps keeping records of receipt of funds, projects, consultancy income, donations, staff salary and all types of purchases and payment of various utility bills and taxes. The payment of student fees is also maintained trough online mode. All important finance matters and administration matters are maintained in a cloud based information database.
Student Admission and Support	The admission procedures have been displayed in the Website regularly. The Students seeking admission in the Institution need to apply in online mode. Students are allotted to the institution in online platform. The fees of the students can be deposited through online mode
Planning and Development	The Institution is well equipped with e -governance systems that include computerization and management of processes such as registration,

	admission, student information, classes, time table, attendance, library, salary and expenses, examinations, grades, hostels, and reports. Many of the software available allow stakeholders to choose from the available modules to suit their needs for monitoring of these aspects. The Vision, Mission Statement and strategic plan of the Institution are displayed on website. The Code of Conduct for various elements of Organization is displayed on the Institution Website.
Examination	The Students fill up the Exam Forms in online mode. The question papers are received from the University in Online mode. The Institution has been selected for evaluation centre where the entire evaluation processes are carried out. It has been completely monitored by the University Personnel. The evaluation centre is not only applicable to in-house Faculty members but also open for other faculty members nominated by the University. The evaluation process is completely paperless and even biometric attendance has been kept for faculty members for keeping their attendance report. The declaration of results is notified in the University website and in the institution website too so as to easy access by the students and faculty members. Each student has an unique ID and Password through which they can glance the entire semester wise result at any time and at any place.

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
2020	Rashmi Ranjan Biswal	RAVENSHAW ALUMNI ASSOCIATION	LIFE MEMBER	2000
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for	Title of the administrative training programme organised for	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

Year	teaching staff	non-teaching staff				
2019	Nil	One Week Online Administrative Training Programme for Office Staff	01/06/2019	07/06/2019	Nill	25

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
Gender Sensitization	6	27/10/2020	29/10/2020	3
Inculcating Universal Human Values in Technical Education	35	02/11/2020	06/11/2020	5
Introduction to IOT and Embedded System Design	30	10/02/2020	14/02/2020	5
Automated Manufacturing Systems	27	01/07/2019	05/07/2019	6
Recent Trends in Cloud Computing	25	07/12/2020	12/12/2020	6
Introduction to MATLAB and Its Application	27	10/11/2019	15/11/2019	6

No file uploaded.

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
3	3	5	5

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Free Transport facilities to and from their home to College. • Subsidized canteen facility. • Free medical checkup and treatments at	• Free Transport facilities to and from their home to College • Short term Training Programme, • Medical facility • Provision of	• Subsidized Transport facilities to all day scholars near about 70 Kms from campus • Provision of Scholarship • Accommodation facility

Hospitals run by College Management members • Orientation Programme, Refresher Course. • Duty Leaves (DL) and Casual Leaves (CL) of 15 Days allowed to Faculty Members. • Provision of Guest house in case of Emergency • Free lodging and fooding in Guest house during hostel visit.	Provident Fund (PF) to the staff (If applicable as per rules of Govt). • Awards for best worker in Independence Day and Republic Day celebration. • Duty Leaves (DL) and Casual Leaves (CL)15 Days allowed to Faculty Members	(Hostel) for both Boys and Girls. • Playground facility. • Gymnasium facility. • Indoor games such as Snooker, Billiards, Badminton etc. • Swimming facilities. • Common Room/Recreational Centre. • Canteen. • 24X7 Ambulance facilities. • Transport facilities to hostel boarders for marketing after the college hours.

6.4 – Financial Management and Resource Mobilization

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

• THE INSTITUTION HAS THE MECHANISM OF BOTH INTERNAL AND EXTERNAL AUDITS FOR ALL THE FINANCIAL ACTIVITIES CARRIED OUT IN THE INSTITUTION EVERY YEAR. ACCOUNTS DEPARTMENT HEADED BY ACCOUNTS OFFICER MAINTAINS FINANCIAL ACCOUNTS DAILY AND PREPARES ALL FINANCIAL STATEMENTS AND SUBMITS THEM TO ALL STATUTORY BODIES LIKE AICTE, UGC AND STATE GOVERNMENT AS AND WHEN REQUIRED. THE INSTITUTION HAS BOTH INTERNAL AND EXTERNAL AUDIT SYSTEM. INTERNAL AUDIT: THE INSTITUTION CONSTITUTES AN INTERNAL AUDIT COMMITTEE. THE AUDIT IS CONDUCTED ON A SAMPLING BASIS TO CHECK THE CORRECTNESS OF THE FINANCIAL TRANSACTIONS AND STATEMENT AFFAIRS OF THE INSTITUTION. THE COMMITTEE VERIFIES CASHBOOK, BANK ACCOUNTS, LEDGERS, BILLS, VOUCHERS, AND STATEMENT OF CASH POSITION AND CASH FLOW PHYSICALLY AND CONDUCTS SAMPLE CHECKS ON THE HEADS OF VARIOUS ACCOUNTS, BALANCE DATES, AND POSTINGS. EXTERNAL AUDIT: MR. R.C. PRATAL, HAVE BEEN CHARTTRD ACCOUNT FOR THE INSTITUTION FROM THE LAST FEW YEARS. AN ANNUAL EXTERNAL AUDIT IS CONDUCTED, AND THE REPORTS ARE SUBMITTED TO THE MANAGEMENT. THE FINANCE COMMITTEE RATIFIES THESE REPORTS. AUDIT OF FUNDS RECEIVED FROM GOVERNMENT AND NON-GOVERNMENT RESEARCH FUNDING AGENCIES CONSULTANCY IS DULY DONE AS PER THE GUIDELINES OF THE FUNDING AGENCIES AS AND WHEN REQUIRED.

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
NIL	0	NIL
No file uploaded.		

6.4.3 – Total corpus fund generated

0

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	Nill	Yes	Principal Dean (Academic)
Administrative	No	Nill	Yes	Director (Administration)

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

There is no Parent - Teacher Association exist in the institute Regular parents meetings are conducted: Parents are providing valuable suggestion for the development of the students as well as institute.

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

- HEALTH A WARENESS PROGRAM SEXUAL HARASSMENT AWARENESS WHISTLE BLOWER POLICY FIRE SAFETY PROGRAM ESSENTIALS OF SOFT SKILLS, INTERPERSONAL SKILLS AND LABORATORY DOCUMENTATION IN LINE WITH NBA ACCREDITATION ORGANIZED BY VARIOUS DEPT. OF THE INSTITUTION • ONLINE CERTIFICATION COURSES WERE COMPLETED • COMMUNICATION SKILL DEVELOPMENT COURSES WERE ORGANIZED • DOMAIN SPECIFIC SKILL DEVELOPMENT TRAINING OFFERED

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

ME Dept. : (1)Setup new laboratory with modern equipment. (2) focus on non-conventional energy sources. (3)Fund generation. EE Dept: (1)Setup new laboratory with modern equipment. (2) focus on RD Activites and generating huge amount of funds (3) Stress on creating centre of excellence in collaboration with research industry 4) Focus on hybrid power generation. CSE Dept. : With reference to letter number NBA/ACCR-988/2004 dated 19/07/2008 the Department of Computer Science and Engineering of DRIEMS has been accredited for 3 years w.e.f 19/07/2008. A comprehensive report mentioning the strength and weakness of our department submitted by the chairman of expert committee. The department initiates necessary action to overcome shortcoming obs Observation-1 Workplace for computer needs improvement. Action Taken Previously exiting laboratories (in five nos) has been reconfigured to provide better workplace and new laboratories (in three nos) have been set up with adequate workplace for users. Observation-2 Adequate number computers for lab activities. Action Taken In the 2008 the department had 5 (five) laboratories with 221 number of system. In the year 2010 the department had set-up 3 (three) new laboratories with 96 numb3ers of systems equipped with up-to-date lab resources: • Java programming lab • Software Engineering lab • Graphics and multimedia lab Observation-3 Budgetary provision for research is necessary and organized plan for its utilization should be worked out for in-house research. Scope for consultancy needs to be pursed. Action Taken On each financial year the budget is put up for research and publication work. The utilization is also worked out properly. The department has also initiated various consultancy works. The departme3nt has its own journal (International Journal of Intelligence Computing and Applied Sciences). The consultancy work has been carried out in collaboration with career line. Software projects are developed for various institutions and companies.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Two day workshop on Recent	17/01/2020	17/01/2020	18/01/2020	80

Developments in Power Quality Improvement (RDPQI-2020)				

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women's day celebration Translating words to deeds: Achieving gender equality and development for all Increasing uniform delivery through collective action	20/03/2020	20/03/2020	40	20

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
Solar cars are powered by the suns energy. The main component of a solar car is its solar array, which collect the energy from the sun and converts it into usable electrical energy. The solar cells collect a portion of the sun's energy and store it into the batteries of the solar car. Before that happens, power trackers converts the energy collected from the solar array to the proper system voltage, so that the batteries and the motor can use it. After the energy is stored in the batteries, it is available for use by the motor motor controller to drive the car. The motor controller adjusts the amount of energy that flows to the motor to correspond to the throttle. The motor uses that energy to drive the wheels.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nill
Provision for lift	Yes	Nill
Ramp/Rails	Yes	Nill
Braille Software/facilities	No	Nill
Rest Rooms	Yes	Nill
Scribes for examination	Yes	Nill

Special skill development for differently abled students	Yes	Nill

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
2020	1	1	14/04/2020	45	Jalachhatra	Supply of Drinking water during summer	60
2020	1	1	05/02/2020	1	Road Safety	Creating awareness on road safety	120
No file uploaded.							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Hand book of information	01/07/2019	The institute is having a different way of presenting the code of conduct here we have a proper recruitment , selection and induction policy for the faculty staff. Staff are recruited by the institute with proper AICTE norms. The selection process was based on recommendation of an expert committee which includes subject teachers and expert. Both students and teachers view are valuable and are always kept in consideration. There are certain rules and regulations followed by the institute in admission , training and placement , department rules like hostel librarys etc. The details

			is been attached as per the hand book.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Yoga	01/08/2019	30/09/2019	120
No file uploaded.			

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

1. Initiative plantation activity 2. Natural water preserver(Pond) 3. Ban on plastic bottle use 4. Convert food waste to fertilizer 5. Use of non polluting e-vehicle inside the campus.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Practices in Teaching-Learning Process ? Encouraging students to take internship in various industries and also provide various add-on course to fill industry institution gap. ? ICT based Teaching -Learning ? Student counselling both for personal and career guidance including proctorial system . ? Remedial class Teaching throughout academic Sessions for improving Transition rate Pass rate ? Student feedback system on Academic and Non-Academic Reforms ? Activities of student chapters on both professional and cultural front for the overall development ? Encouraging the faculty to upgrade their knowledge and skills through Faculty Development Programs 2. Best Practices in Training and Placement ? Training on Specialized Soft skills Professional Skills during Semester Breaks Vacations for Improving Employability ? Arranging Guest Lectures inviting people and alumni from Industry for training and placements 3. Best Practices in Personality Development ? Inclusion of "Professional Ethics" – a non-credit mandatory course (as per AICTE model curriculum) in the curriculum. ? Social service through Student groups (formed by themselves), JALACHATA etc. ? Organizing coaching camps in different sports and games activities ? Organizing Social awareness programs (Ex. NSS, Blood donation camps etc.) ? Conducting Activities concerning spirituality and yoga. 4. Best Practices in the Research and Development ? Knowledge sharing through regular seminars on research topics ? Conduct of workshops and conferences periodically on thematic areas ? Incentives for Research Paper Publications, Text book writing, Guiding Ph.Ds, securing RD Projects and consultancy ? Encouraging Faculty by deputing with salary to pursue Ph.D in IITs and NITs under QIP ? Motivating faculty by granting Study leaves and Academic leaves while their attending Refresher / Training programs for skill / qualification up-gradation

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://www.driems.ac.in/driems-degree/iqac/2019-20_best%20practices_07_09_21.pdf

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 Institutes vision is to be a premier academic institution that fosters diversity, value added education and research, leading to sustainable innovations and transforming learners into leaders. In line with the institute vision, the institute provides an "Innovation Ecosystem" to nurture the students who have brilliant innovative ideas and those who are interested to start their own start-up companies instead of simply looking for placements.

The main aim of providing the Innovation ecosystem is that if students could develop and sustain their products/services in the market, they could create new job opportunities for the society which will essentially transform them as leaders from learners. Good quality research work of students and faculty members could also get published in the National / International reputed conferences and journals. A few innovative ideas could then be converted into filing patents. In order to support this initiative, Institute encourages students to work on their Innovative / Entrepreneurship ideas by way of providing separate work space within the campus with high speed Internet connectivity, necessary laboratory infrastructure in terms of hardware and software, and faculty guidance. The facility is termed as Entrepreneurship Development Cell (EDC) and students get complete freedom in terms of working hours, laboratory equipment and Internet usage. It is expected that students would develop new products/services and make them commercially viable in the market. Students also receive financial assistance from the Institute in terms of seed money/encouragement awards to start their research and development work.

Provide the weblink of the institution
https://www.driems.ac.in/driems-degree/iqac-institutional-distinctiveness.php

8.Future Plans of Actions for Next Academic Year

The Institution has been in a constant process for initiating and implementing various activities to improve quality in the different aspects of Academics, co curricular and extracurricular activities, faculty development. The Institution is focusing to give social exposure to students and faculty by conducting extension activities. In view of the vision, mission and core values, institution has planned to apply for State University Status. Further the institution plans to host a set of international conferences in the upcoming year. The objective of these research based forums will be to serve as inter-disciplinary and multi-disciplinary avenues for exchange of business ideas, best research practices and research outcomes, for the benefit of the corporate professionals, industry practitioners, academicians and researchers at large. Research workshops and special sessions are also being organized with the intention of familiarizing individuals with the latest developments pertaining to research methods, technological evolution and research paper writing, thereby aiming at increasing the intellectual output of the institution. Institute has planned to encourage faculty members and students for filing patents too. Moreover, the Institution constantly provides Intensive training for preparing students for competitive examinations. Recently, Institution has formulated committee of faculty members for preparing competitive examinations. This committee will work for providing support to students willing to prepare for various competitive examinations and for creating conducive environment for students for the same. Innovations, Incubation, Start-ups Innovations, and Incubation Start-ups are becoming a part and tract of Higher Education. Therefore, IQAC felt the necessity of a dialog to exchange ideas with all stakeholders to promote the Incubation centers and Startups in the campus. Planning to execute few boot camps in the campus so as to encourage and create awareness about start ups. Further Improvement in Communication skills of students through peer learning strategy and bridge courses, motivate the students to register for online courses and participate in Smart India Hakathan are another plan of action for the academic year.