Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**RADHAKRISHNA INSTITUTE OF TECHNOLOGY AND ENGINEERING**
Name of the head of the Institution	**Prof. (Dr.) Jui Pattnayak**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**06742587585**
Mobile no.	**9437123692**
Registered Email	**riteodisha@gmail.com**
Alternate Email	**principal@riteindia.edu.in**
Address	**PLOT NO-1, IDCO INDUSTRIAL ESTATE, BARUNEI, KHURDA**
City/Town	**BHUBANESWAR**
State/UT	**Orissa**
Pincode	**752057**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. Chandrabhanu Malla**
Phone no/Alternate Phone no.	**+918328977133**
Mobile no.	**9861850458**
Registered Email	**iqac.rite@gmail.com**
Alternate Email	**director@riteindia.edu.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://riteindia.in/wp-content/uploads/2020/02/AQAR-RITE-2018-19-.pdf

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 :	http://riteindia.in/aqar/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**2.53**	**2017**	**31-Oct-2017**	**29-Oct-2022**

6. Date of Establishment of IQAC

15-Feb-2016

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
Enhancing Soft Skills and Personality	**27-Jan-2020** **1**	**43**

The Joy of Computing using Python	27-Jan-2020 1	39
Introduction to IOT	19-Dec-2019 1	28
NPTEL course on Control System	30-Nov-2019 1	11
Workshop on Automotive Components and Engine Overhauling in association with YAMAHA	29-Jan-2020 1	75
Start-up Boot Camp	29-Aug-2019 2	93
YI Yuva Students Orientation	07-Nov-2019 1	87
No Files Uploaded !!!		

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
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)

• Academic Calendar for the session was more holistic in approach and its successful implementation was monitored by IQAC. • Many activities were organized by IQAC under Corporate Outreach Programs initiated to bridge the skill gap. • Institutional Social Responsibility activities were given due importance. • Academic autonomy was ensured through systematic checkpoints. • More Faculty

Development Programs, workshops, and seminars were organized for ensuring quality in higher education and creating awareness to bridge the gap between traditional pedagogy and twentyfirstcentury learner.

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

Plan of Action	Achivements/Outcomes
Academic Calendar (Holistically designed)	The Academic Calendar for the session 201920 was more elaborate and was successfully executed.
Close monitoring of academic activities were ensured through systematic check points	All courses follow a lesson plan and all teachers prepare course-file for their respective subjects each semester.
Faculty Development Programs/Workshops/Seminars/Training sessions were organized to ensure the continuous learning for teachers.	Faculty Development Programs/Workshops/Seminars/Training sessions were organized at regular intervals during the session for the benefit of the faculty members.
Institutional Social Responsibility activities were given due importance	Many activities were organized during the session.
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Governing Body of JRG Educational Trust	25-Jan-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	30-Oct-2017
16. Whether institutional data submitted to AISHE:	No
17. Does the Institution have Management Information System ?	No

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Radhakrishna Institute of Technology and Engineering is committed to provide the distinctive learning environment and skills, for understanding of self and others, to learn to solve personal and social problems and continually improving the overall performance of the 'Quality Management Systems'. The vision and mission of the Institute is stated below: VISION "We aspire to be a centre of higher education that can provide the best learning experience, the most productive learning community, and the most creative learning environment in Engineering Education and to be recognized as one the best Engineering Colleges in India". MISSION "The primary mission of the Institute is to educate students, discover and disseminate knowledge through research. The Institute is committed to achieve excellence in these activities and the success and leadership of its programmers are evaluated using the highest standards of quality, innovation and visibility". The vision and mission of Radhakrishna Institute of Technology and Engineering are corroborated with the objectives of the society and reflects the commitment of the Institute towards holistic development of the students and inculcating national and human values in them through academic, co-curricular and socially meaningful activities. Mission of RITE focuses on student empowerment and developing functioning and performing in the global scenario. Managing business in the globalized scenario is the need of the hour and thus courses are formulated by Biju Patnaik University of Technology to equip students to face this challenge. Also, the Institution focuses on developing new paradigms and inculcating national values for holistic development of the students. The teaching, learning and evaluation schedules are strictly as per the Academic calendar notified by the Biju Patnaik University of Technology. The institute has well qualified, dedicated and experienced faculty. The pedagogy at RITE provides ample opportunities for students to develop into trained and competent professionals by keeping abreast of the ever changing technologies. The Institute aims to achieve and excel as premiere technical institution of the country. The traditional classroom teaching is supplemented by regular tests, tutorials, group discussions, extensive lab work, projects, seminars and industrial exposure by way of industry visits and summer training. While teaching students and keeping pace with the evolving definitions and concepts, a sincere effort is also made to cover the latest developments in each subject area. The classroom environment is congenial and makes learning proactive and the students learn a sense of team spirit, responsibility and professional integrity. It helps in building a healthy student-faculty bond, which develops students to their fullest potential and harnesses the best in the teachers. The institute and Faculty members adopt numerous policies for bridging the knowledge gap of the enrolled 'weak' students to enable them to cope with the programme of their choices as well as promote, reward and facilitate 'advanced' learners. This includes mentorship, tutorials and remedial teaching. The entire approach is student centric. For well -planned curriculum delivery, lesson plan file is prepared by every Faculty member before commencement of Semester.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
No Data Entered/Not Applicable !!!					

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 affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Mechanical Engineering	01/07/2019
BTech	Electrical Engineering	01/07/2019
BTech	Computer Science and Engineering	01/07/2019
BTech	Civil Engineering	01/07/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
No Data Entered/Not Applicable !!!		

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
Enhancing Soft Skills and Personality	27/01/2020	43
The Joy of Computing using Python	27/01/2020	39
Introduction to IOT	19/12/2019	28
Workshop on Virtual Laboratory	28/11/2019	85
Workshop on Automotive Components and Engine Overhauling in association with YAMAHA	29/01/2020	75
Integrated waste management for a smart city	21/09/2020	12
NPTEL course on Control System	30/11/2019	11
NPTEL course on Electrical Machine-I	29/01/2020	13
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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	Civil Engineering	28
BTech	Mechanical Engineering	17
BTech	Electrical Engineering	13
BTech	Computer Science and Engineering	29

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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

The feedback is collected at various levels viz. Students, Parents, Teachers and Alumni. Then the feedback is analyzed at upper management and the action taken once the feedback is received. Feedback of stakeholders is sought regularly about infrastructure and learning resources for ensuring their satisfaction. Accordingly, continuous review of infrastructure and learning resources is carried out by respective committees and the recommendations are integrated for upgrading, maintaining and utilizing physical, academic and support facilities. Feedback is also taken from faculties, stakeholders and experts regarding industry trends and feedback to identify new demands of industry. Structured feedback is taken from students, alumni, employers and experts from academia, industry and research through course/programme review feedback. A team of faculties takes feedback of internal and external subject experts including feedback of all course faculties of campuses to define/review the course objectives, contents, learning outcomes and assessment tools and put up the recommendations. Feedback is taken from eminent experts to integrate their feedback while defining curriculum/ programme. Feedback from students is also taken through class representative meetings, and corrective measures are taken accordingly to improve the teaching-learning processes. Students Feedback: The feedback is collected at various levels during the academic session. The academic feedback taken every week from the class representatives. General Feedback: feedback is taken on weekly basis regarding the general facilities including mess, canteen, general hygiene and cleanliness. The actions to problems of urgent /Immediate nature are addressed by the authority immediately. The other problems which require management decisions are put up before the Chairman and also addressed accordingly. The comments are accumulated at various levels in the course of the academic session the feedback taken every week from the student representatives of individual class. General feedback: Feedback is taken on weekly/fortnightly basis regarding the overall facilities such as computer lab, mess, canteen, well known hygiene and cleanliness. The actions to issues of urgent /on the spot nature are addressed by using the authority straight away. The alternative issues which require management approval are addressed to the Honorable Chairman. Faculty Feedback: The academic behavior feedback from the students are analyzed and the essential corrective measures recommended to faculty members. The remarks is likewise shared with department for any corrective Measures Syllabus Coverage: One hundred syllabus coverage feedback is likewise gathered from the Individual Subject Teacher. Parents Feedback: The parents' meet performed by the institution every year aside from different problems permits mother and father to give tips concerning the curriculum of their wards that is duly cited with the aid of the applicable individuals within the college. Alumni feedback: The alumni of the college whove moved on to industry or for higher studies additionally give a feedback on how their years in the institution have helped

them perform of their places of work/study. The alumni additionally supply constructive tips on helping the students gain extra recognition and improving themselves.

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
BTech	Civil Engineering	60	74	74
BTech	Computer Science and Engineering	60	67	67
BTech	Electrical Engineering	60	54	54
BTech	Electronics and Communication Engineering	30	2	2
BTech	Mechanical Engineering	90	72	72
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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	269	Nill	35	Nill	Nill

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
35	35	23	5	1	35
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

•Students are counseled by mentors to give them a strong mental and psychological support. •During the counseling they put forth their problems freely, which the mentors deal and support them to come out of their grievances. •Academics improvements are the prime concern. •Behavioural, social, economic as well as personal problems are taken up by mentors in a very positive way. The mentors extends various support to students, such as:- •Grievance Redressal Cell has been set up for listening and execution of complaints of

students. •Placement cell has been set up to provide placement services related information to the students. •Co-curricular and cultural events are organized. •Periodical Seminars and workshops are conducted for the students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
562	35	1:16

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
36	35	1	3	3

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
No Data Entered/Not Applicable !!!			
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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	Civil Engineering	8TH	09/08/2020	13/08/2020
BTech	Computer Science and Engineering	8TH	09/08/2020	13/08/2020
BTech	Electrical Engineering	8TH	09/08/2020	13/08/2020
BTech	Electronics and Communication Engineering	8TH	09/08/2020	13/08/2020
BTech	Mechanical Engineering	8TH	09/08/2020	13/08/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous Assessment having weight age of 30 in internal marks, depending upon course objectives, learning outcomes and pedagogy. Various components for continuous assessment are defined and used. End semester Examination is held every semester end. The weight age of end semester examination is 70. Students subject knowledge is assessed through direct and indirect methods of Assessment methodology/tools like comprehensive examination, case studies are decided

keeping in mind the parameters/learning outcomes to be measured and the desired emphasis during the delivery of a programme as prescribed in the course curriculum. The students who are little slow in their grasping as compared to their counterparts are identified on the basis of their class participation, pass percentage, classroom performance, and regularity in submission of assignments, punctuality and personal interactions. The institute through its teachers handles it sensitively, and pays required attention to learners with various paces. Revision lectures to help the students to have insight to the previously covered topics and connecting with the new topics. Parents are also kept in the loop the institute provides academic counseling through parent teacher meeting (PTM) periodically, to enhance the communication between parents-teachers-students. Class room Interaction Co-curricular activities: Teachers also verify the students through numerous mechanisms along with ordinary interaction with college students, quizzes, assignments, every day attendance and mid-term examinations. Hence the students are assessed and marks provided to them in session with the department and as per the institute suggestions/coverage. The internal and outside idea marks then will become the very last cease semester fulfillment of the scholar.

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

The institute adheres to the Academic Calendar prepared according to the calendar provided by Biju Patnaik University of Technology, Rourkela, Odisha. Every year we prepare the academic calendar for the institute and also a department wise activity schedule for smooth functioning. This ensures that the curriculum is enriched through related activities like gust lecture, extension series and industry interaction. For the academic session academic calendar was prepared and followed for conduct of examination and other activities. The academic calendar is displayed on the notice board and also shares with the head of the departments so as to ensure proper execution. A copy of academic calendar for session 2018-19 is attached (Annexure II) for reference. Being an institute affiliated to Biju Patnaik University of Technology, we follow the academic schedule provided by the university. The Institute prepares their own academic calendar for various Programmes which follow the timelines/guidelines and academic schedule of the affiliating University. Generally, the Biju Patnaik University of Technology gives guidelines on the following in their academic schedule, along with annual cultural and sports meet schedule. • Beginning of the academic sessions. • Last working day of the semester. • Internal examination schedule. • Annual Sports meet. • Annual cultural Fest. • Semester examination schedule. • Vacation schedule. The same academic calendar is published on the notice board before the beginning of every academic year. It provides plan for the academic year to students, teachers and parents. Considering the academic calendar, each department functions according to the teaching plan prepared at the department level.

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://riteindia.in/academics/

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

01	BTech	Civil Engineering	14	13	92.85
01	BTech	Computer Science and Engineering	25	24	96
01	BTech	Electrical Engineering	12	11	91.67
01	BTech	Electronics and Communication Engineering	1	1	100
01	BTech	Mechanical Engineering	23	23	100
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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)

http://riteindia.in/online-grievances/

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Seminar on "GIS"	Civil Engineering	16/01/2020
FDP on "Total Station Demonstration"	Civil Engineering	07/02/2019
Design, Analysis and Application of Algorithms	Computer Science and Engineering	21/01/2020
An Introduction to Machine Learning and Data Science	Computer Science and Engineering	27/05/2020
Poster Presentation on "Non-Traditional Manufacturing Process"	Mechanical Engineering	21/01/2020
Workshop on "Automotive Components and Engine Overhauling in association with YAMAHA"	Mechanical Engineering	29/01/2020
Seminar on "Aluminium	Mechanical Engineering	23/10/2019

| Smelting Process" | | | | |

3.2.2 – 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
Digital Learning using Augmented Reality	Rajat Mohanty, Harapriya Kar, Amit Kumar Majhee, Deepak Pandey	IIT, Bhubaneswar	12/01/2020	National Level
Home Service on Demand	Rajat Mohanty, Harapriya Kar, Subhasish Sahoo, Amit Kumar Majhi, Debidutta Behera	Trident Group of Institutions	16/02/2020	State Level

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3.2.3 – 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
No Data Entered/Not Applicable !!!					

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Mechanical Engineering	1	1.0
International	Computer Science and Engineering	1	0.75
International	Basic Science and Humanities	1	0.82

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

Department	Number of Publication
Central Library	1

Basic Science and Humanities	1
Computer Science and Engineering	1
Mechanical Engineering	1

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or 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
A Novel Nature instilled Moving Sink Architecture for Data Gathering in Wireless Sensor Networks	Amiya Bhusan Bagjadab, et. al.	International Journal of Synthetic Emotions(IJSE)	2020	0	VSSUT, Burla	5
Entropy optimized Darcy-Forchheimer slip flow of Fe3O4?(CH2OH)2Fe3O4?CH2OH2 Nano fluid past a stretching/shrinking rotating disk	Manoj Kumar Nayak, et. al.	Heat Transfer	2020	24	Radhakrishna Institute of Technology and Engineering	1
Experimental Examination of Process Parameters During Fabrication and Machining of Powder Metallurgy Aluminium Component	B. R. Pattanaik, et. al.	International Journal of Recent Technology and Engineering (IJRTE)	2020	6.04	Radhakrishna Institute of Technology and Engineering	1

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations	Institutional affiliation as

					excluding self citation	mentioned in the publication
Experimental Examination of Process Parameters During Fabrication and Machining of Powder Metallurgy Aluminium Component	B. R. Pattanaik, et. al.	International Journal of Recent Technology and Engineering (IJRTE)	2020	20	1	Radhakrishna Institute of Technology and Engineering
Entropy optimized Darcy-Forchheimer slip flow of Fe3O4?(CH2OH)2Fe3O4?CH2OH2 Nano fluid past a stretching/shrinking rotating disk	Manoj Kumar Nayak, et. al.	Heat Transfer	2020	30	1	Radhakrishna Institute of Technology and Engineering
A Novel Nature instilled Moving Sink Architecture for Data Gathering in Wireless Sensor Networks	Amiya Bhusan Bagjadab	International Journal of Synthetic Emotions(IJSE)	2020	Nill	5	VSSUT, Burla

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	8	8	6	6
Presented papers	4	1	Nill	Nill

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Plantation	RITE Social Service Wing (Young Tarang)	15	118
Awareness on Cervical Cancer	Young India and AMRI Hospital	1	80
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Entrepreneurship Awareness Camp (EAC)	A funding of Rs. 60,000/-	Entrepreneurship Development Institute of India	269
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
ISR Activity	Be Human	Relief items Distribution	12	50
ISR Activity	Be Human	Cloth Distribution	18	60
ISR Activity	Be Human	Clean India	15	70
ISR Activity	Be Human	Blood Donation Camp	15	100
ISR Activity	Be Human	Tree plantation	15	50
ISR Activity	Young India and AMRI Hospital	Awareness on Cervical Cancer	1	80
ISR Activity	Young Tarang (RITE)	Swachh Bharat Abhiyan5	5	85
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering	Duration From	Duration To	Participant

		institution/ industry /research lab with contact details			
Internship	Internship	SKYY Rider Automotive Pvt. Ltd., Bhubaneswar	15/12/2019	15/01/2020	8
Internship	Internship	CTTC, Bhubaneswar	15/12/2019	15/01/2020	4
Internship	Internship	LIT, Bhubaneswar	15/12/2019	15/01/2020	13
Internship	Internship	SILAN Technology, Bhubaneswar	15/12/2019	15/01/2020	18
Internship	Internship	Tech Kalinga Consulting Pvt. Ltd., Bhubaneswar	15/12/2019	15/01/2020	13
Internship	Internship	Ray Research and Consulting Pvt. Ltd., Bhubaneswar	15/12/2019	15/01/2020	15
Internship	Internship	EMTRONICS Technology Pvt. Ltd., Bhubaneswar	15/12/2019	15/01/2020	06
Internship	Internship	GPIL	15/12/2019	15/01/2020	17
Internship	Internship	GPIL (EPC)	15/12/2019	15/01/2020	09
Internship	Internship	Kunj Alloys Pvt. Ltd.	15/12/2019	15/01/2020	11
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Mr. Praveen Changoiwala, Former General Manager, Bharat Electronics Ltd.	26/08/2020	Technical Advice for Design and execution of Multi-Disciplinary consultancy, design and execution of multi-disciplinary projects	3
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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
166	165.1

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Video Centre	Existing
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
Koha	Fully	19.05	2014

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	12353	4066973	Nill	Nill	12353	4066973
Reference Books	227	114922	Nill	Nill	227	114922
e-Books	173	Nill	Nill	Nill	173	Nill
Journals	33	66440	Nill	Nill	33	66440
e-Journals	359	Nill	Nill	Nill	359	Nill
Digital Database	Nill	Nill	Nill	Nill	Nill	Nill
CD & Video	930	Nill	Nill	Nill	930	Nill
Library Automation	1	123580	1	16520	2	140100
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill
Others(specify)	1	120	1	11500	2	11620
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
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	238	7	4	1	1	4	7	4	0
Added	30	1	6	0	0	0	0	6	0
Total	268	8	10	1	1	4	7	10	0

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

10 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
BPUT Model Question and Answers	https://drive.google.com/drive/folders/0B5GwwaheY2iHNVg3VkJVVjN1YXM
DELNET	www.delnet.nic.in

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
30	29.55	16	15.14

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)

Institute makes budgetary provision under different heads for maintaining and utilizing the campus infrastructure facilities. Institute development committee assigned enough funds for maintenance and repairing. The allocated funds are utilized under the observation of various monitoring committees such as Purchase committee, Repair and maintenance committee, Sports Committee, Library committee, Laboratory Maintenance Committee, Students Feedback committee etc. of the college. To maintain and upkeep the infrastructure Institute facilities and equipments, following activities are undertaken by college:- • There is Stock Maintenance Committee in every department, who maintains the stock register by physically verifying the items round the year. • Department wise annual stock verification is done by concerned Head of the Department. •

Regular maintenance of Computer Laboratory equipments is done by Laboratory Assistant along with Laboratory attendant and they are headed by Lab Maintenance Committee Convener. • Overall development of campus is done by Campus Discipline and Cleanliness Committee of the college. • Regular cleaning of water tanks, proper garbage disposal, pest control, landscaping and maintenance of lawns is done by Institute Fourth Class Employees. • College campus maintenance is monitored through regular inspection. • Upkeep all facilities and cleanliness of environment in men's and women's hostel is maintained through Hostel monitoring committee. • Network and System Administrator does the maintenance and repairing of IT infrastructure such a computers, internet facilities including Wi-Fi and broadband. Updating of software is done by lab assistants. • In-house work forces are engaged for the maintenance of wooden, furniture, electrification, and plumbing. • Regular maintenance of the water cooler and water purifier is done by outsourcing agent. • The maintenance of the reading room and stock verification of library books is done regularly by library staff.

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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	Institute Scholarship for meritorious students	15	975000
Financial Support from Other Sources			
a) National	Prerana Post-Matric Scholarship	203	17500000
b)International	0	Nill	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
Yoga	03/01/2020	85	Patanjali Yoga Centre
Meditation	02/01/2020	117	RITE and Patanjali Yoga Centre
Soft Skill Classes	05/07/2019	487	RITE and Outsource faculty members
Bridge Class	17/09/2019	386	RITE Faculty members
Remedial Classes	05/07/2019	93	RITE Faculty members
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Career Counselling	72	91	5	59
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
Nill	Nill	1

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
Sakrobotix, Euthissa Care Technology, CSM Technology, TGI Packaging, Kunj Alloys Pvt Ltd, Sky Automobiles, Gupta Power Infrastructu re Ltd	138	54	Tata Consultancy Services, Eudopolis Technology, Mermeto Software, Silicon Techlab, Myntra Ltd, ICICI Bank, ESSPL	95	5
No file uploaded.					

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	5	BTech	Mechanical Engineering, Computer Science and Engineering, Civil Engineering	CET, GEC, CEB	MTech, MBA

No file uploaded.

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
No Data Entered/Not Applicable !!!	
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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
Cricket	Inter College	180
Football	Intra College	75
Badminton	Intra College	26
Chess	Intra College	32
Carom	Intra College	48
Volley Ball	Intra College	40
Cultural Activity	Intra College	127
No file uploaded.		

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
No Data Entered/Not Applicable !!!						
No file uploaded.						

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

We at RITE are firm believer that Overall growth of students is possible only when we give student a platform to express themselves in their areas of interest other than academic front. We have total 4 societies/ clubs run and managed by Student's coordinator and overall coordination is done by Cultural Committee of the College. Various Societies are namely: • Young Tarang (The students club) • RITE Rhythm (The cultural club) • RITE Wizards (The coding club) • RITE Rovers (The sports club)

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

300

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet was successfully organized on May 2020 in the online mode. More than 70 Alumni participated in the meet. Alumni were also invited to share their experiences and give feedback to the institute for quality improvement.

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)

• We at RITE have decentralized style of working. • We have open door policy, where anyone can talk to Principal, Director or Management by taking permission. • For participative management, the Principal, HODs, Faculty and student representatives form the core part of the IQAC team. • We have flexibility at departmental level also as class coordinator or faculty members can suggest and implement curriculum enrichment and enhancement. Faculty members prepare their subject notes and Lecture plan, which are upgraded every semester. Subject notes prepared by faculty are available at the college website for reference. • Every department prepares a roadmap for the upcoming semester in terms of infrastructural and academic growth. Departmental budget is prepared by taking suggestions from Head of Department, Class Coordinator and faculty representative.

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

No

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
Curriculum Development	Development at University level: Radhakrishna Institute of Technology and Engineering is affiliated to Biju Patnaik University of Technology, Rourkela and follows the curriculum and syllabus prescribed by the University for all its courses. Affiliated Institutions are not allowed to design their own curriculum. Rather, after every 5 to 6 years, University revises their syllabus.
Teaching and Learning	At Radhakrishna Institute of Technology and Engineering we follow a holistic approach for growth and development of students, our teaching and learning methodology includes brainstorming, presentations, quizzes, inquiry learning, hands on activities, case studies etc. • We provide adequate infrastructural facilities for teaching learning. • We have well qualified and experienced faculty members. • We provide Computer Laboratories with latest configuration hardware and software. • We have concept of mentoring to provide special care for

	students who are considered as slow learners. Each faculty mentor has a group of 12-20 students whose overall growth and development are continuously monitored to faculty and their problems are discussed. • We at RITE believes that Education is a never-ending process, hence we motivate our faculty members to join Orientation Programme, Refreshers Courses, Workshops and FDPs to upgrade their skills and constantly be in the process of learning so that they can percolate the benefits of their updated knowledge and skills to students. • We motivate our faculty members to pursue higher studies. • We aspire to be abreast with the latest innovations and technological developments, so we encourage our faculty members to use innovative teaching methodologies. • RITE provides facility for students to use internet as a resource in their studies. • At RITE we have centralized Library where student can utilize online resources for their knowledge building. • RITE has huge library with over twelve thousand titles and various journals, magazines, newspapers etc. all available for students. • We take special care for students with special needs by providing remedial and doubt clearing classes beyond the regular college duration.
Examination and Evaluation	As per University rules, there are two internal examinations to be conducted in a semester by the institution and at the end of semester End Semester Examination is conducted by University, which is a centralized process managed by University. We at RITE follows a disciplined strategy for evaluating our students, which includes • Continuous evaluation is done through class tests, assignments, surprise test, quiz and presentations. • For sessional evaluation: Students are evaluated per laboratory basis on the same day at the end of the experiment/ sessional job.
Research and Development	All the departments of the institute have access to well-equipped computer laboratories with adequate infrastructural facilities to carry out the research projects. • For promoting research RITE has subscription for various online research journals and

		libraries through DELNET to provide latest resources for the faculty members. • The Institute Central library facilitates research-oriented books, journals E-journals for research reference. • The institute has internet facilities for the fast access to online resources. • The faculty members are encouraged to publish their research contributions in various National International Journals and conferences. • The institute motivates the faculty members to attend research-oriented seminars/workshops/conferences, etc., by providing special duty leave. • The Institute encourages faculty members to pursue Ph.D. Programmes in reputed universities. • The institute supports the researchers by providing high end computing facility with necessary software and with modern equipments.
Library, ICT and Physical Infrastructure / Instrumentation	The library materials via Web- OPAC library has also subscribed for online databases that can be browsed from 9 AM to 5 PM. • Each terminal is having internet facility. • Library is having reprographic facility within the institute's campus. • For security of library materials, we are having fire extinguishers within the library. • Library is having computers for students faculty members. • Detailed list of currently subscribed journals is also uploaded on library website (printed online). Library is having computer terminals for searching content online. Besides this regular e-mail has been sent to faculty to upgrade them with the latest information of library. • CD Collection: Library also maintains the CD's received along with the books. The users can get them issued.
Human Resource Management	We strictly believe in the motto of team building and collective decision making. • The Institute organizes various orientation and enrichment Programmes for both teaching and non-teaching staff members for upgrading their skills in the latest technology. • Salary, pay-scale and increments are given to staff members as per the norms which lead to employee satisfaction. • Institute grants Casual, On Duty and Special Leave to its faculty members. It also provides Maternity Leave

	according to norms to its female members. • RITE provides Special Duty Leave for pursuing higher studies, attending enrichment courses/seminars/conferences/workshops. • The faculty and staff members are entitled to avail summer vacations. • RITE has Biometric, CCTV facility which is used for human resource management.
Industry Interaction / Collaboration	Efforts are made to build and maintain excellent rapport with the Top Management of various Organizations and Industries and forge collaborative Industry, Academia alliances. This provides a unique and rare opportunity provided to students to learn the theoretical concepts practically. Institute is in process of initiating Memoranda of Understanding with major companies, where the component of learning that focuses on the application of theory in an authentic industrial context. Some of the major companies which visited the campus in the last academic session are: • Gupta Power Infrastructure Ltd • GPIL (EPC Division) • Kunj Alloys Pvt Ltd • TGI Packaging Pvt. Ltd. • CSM Technology • Euthissa Care Technology • SKY Automobiles • Sakrobotix
Admission of Students	RITE is an affiliate College of Biju Patnaik University of Technology, Rourkela. The admission is done through JEE (Main) Entrance and the Entrance Examination conducted by University and based on their online admission procedure, students are admitted to Colleges based on their preferences and ranks.

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

E-governace area	Details
Planning and Development	Nill
Administration	Nill
Finance and Accounts	Nill
Student Admission and Support	RITE provides updated information related to Student Admission process and help.
Examination	Nill

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/	Name of the	Amount of support

		workshop attended for which financial support provided	professional body for which membership fee is provided	

<div align="center">No Data Entered/Not Applicable !!!</div>

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	How to Improve your Time Management	How to Improve your Time Management	29/06/2020	29/06/2020	35	5

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration

<div align="center">No Data Entered/Not Applicable !!!</div>

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
36	36	40	40

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• 12 Casual Leave per year and the institute gives Special Duty Leave to present research article at the conferences and to attend STTP, Seminar, Workshop, FDP etc. • Institute organizes workshops, FDPs, seminars and conferences. • Subsidized in campus meals are also provided in the central canteen. • Maternity Leave is provided. • Free Transportation facility • Personal Loan without	• 12 Casual Leave per year. • EPF • Institute organizes training sessions for value additions. • Subsidized in campus meals are also provided in the central canteen. • Maternity Leave is provided. • Free Transportation facility • Personal Loan without interest	• Medals and cash prizes are awarded to merit holders in sports and academics. • Industrial trips are organized and several workshops, training sessions are conducted for their overall improvement. • In campus hostel facility with quality housing and meal is provided to students. • Regular interaction with parents is done to ensure a coordinated effort for the welfare of

interest		the students. • Prerana, Medhabruti Scheme etc.

6.4 – Financial Management and Resource Mobilization

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

Institution conducts internal and external financial audits regularly by appointing internal and external statutory qualified auditors along with functional fulltime accounts dept.

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

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

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	BPUT	Yes	IQAC
Administrative	Yes	BPUT	Nill	IQAC

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

• Parent Teacher Meetings are held on regular basis. • Parents are cordially invited for Orientation Programme of their wards on their first Day of College every year. • We conduct regular meetings and telephonic contact with the parents on monthly basis after attendance. Feedback from parents is given due consideration. • Parents are always invited for Appreciation Ceremony of Meritorious Students on Annual function.

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

• Workshop on work- Life balance and Stress Management. • Workshop on Stress Management. • Workshop on memory enhancement techniques.

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

No Data Entered/Not Applicable !!!

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
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
No Data Entered/Not Applicable !!!					

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
The institute makes every effort to integrate cross cutting issues as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum as course beyond the syllabus. The Institute provides various means to educate or aware the students on Climate Change and Environmental Education. Institute has dedicated environmental society (Young Tarang) that organizes many events and aims at promoting and increasing environmental consciousness, awareness and responsibility amongst the Institute youth and the populace. Every year a plantation drive is done in the campus having a special budget/sponsorship for the event. Dustbins are installed at various positions and cleanliness is maintained. Conscious efforts are made to switch off lights and fans when not in use, to save energy. The institute has installed solar panels for supplementing the need of power supply. Cleanliness drive is organized to create awareness and motivation among students to keep the environment clean.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	800
Provision for lift	Yes	800
Ramp/Rails	Yes	800
Braille Software/facilities	No	Nill
Rest Rooms	Yes	4
Scribes for examination	Yes	Nill
Special skill development for differently abled students	No	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

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
Universal Human Values and Professional Ethics	29/01/2020	29/01/2020	35

No file uploaded.

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

• Swachh Bharat Abhiyan -Poster Making Competition. • Plantation Drive. • No Plastic Campus. • Green landscaping with trees and plants. • Awareness about deforestation.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE- I Title of the Practice: Keeping faculty abreast with contemporary areas of the discipline so as to impart quality education. Goal Aims and Objectives: The Institute organizes Faculty Development Programs (FDP's), seminars, workshops etc. for enhancing and upgrading knowledge of faculty members. Such practices have deep impact on quality enhancement and overall development of faculty as well as students. It positively impacts the academic functioning of the Institute and facilitates the role of teacher as educators and mentors. The Institution conducts the FDP's/seminars/workshops/Guest Lectures with the following objectives: • To upgrade their knowledge and skills. • To improve their effectiveness as teachers and mentors. • To promote research works in their field of specialize. • To inculcate values and ethics. • To bring innovation and creativity in teaching-learning process. • To develop sensitization towards environment and other social issues Various programs to enhance knowledge of faculty are conducted on timely basis in RITE. These includes FDP's/seminars/workshops, interactive sessions and motivational lectures from eminent persons on topics related to research, advancement of technology, interpersonal communication, values and ethics etc. These talks acquaints the teachers with best practices across the world, helps in developing right research attitude, building professional ethics and becoming an effective teacher. BEST PRACTICE- II Title of the Practice: Pedagogy addressing outcome based education and heterogeneity of intellectual evolution. Objectives of the Practice : The objectives/intended outcomes of this best practice are: • To facilitate effective teaching learning process in all the courses. • To accomplish holistic growth of students and enhance their learning experiences and outcomes. To ensure effective teaching learning, students are actively involved in the teaching learning process through student centre innovative pedagogies such as inquiry approach, constructive strategies, project learning, brainstorming sessions, ICT based learning and presentations. Monthly attendance of the students is intimated to the students and their parents. Each department submits an annual report on the activities comprising academic activities, research and extension activities. Innovations in teaching/learning, publications, staff and student achievements, extra and co- curricular activities are also highlighted in the report. Annual reports of various departments are consolidated at the Director's office, which

further goes to the Governing Body. To ensure quality sustenance and enhancement, the Institute periodically conducts the performance audit of the departments (by Internal Quality Assurance Cell) which includes review of Teaching – learning methodologies, result analysis, research output, Faculty Development Programs attended/conducted and Extension activities, Co-curricular and extra-curricular activities conducted during the year.

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

http://riteindia.in/naac/

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

Institute Vision: We aspire to be a centre of higher education that can provide the best learning experience, the most productive learning community, and the most creative learning environment in Engineering Education and to be recognized as one the best Engineering Colleges in India. Futuristic Technical Education: The institute is dedicated to provide ample opportunity to students to learn the theoretical concepts practically. The institute follows the under given process: 1. Teaching Learning Process: The institution has an effective conjunction among teaching, research and extension. Academic as well industrial collaboration with reputed organizations across the globe is at priority for the institute which assist the institute's strength to fulfil the vision of establishing itself as excellence by imparting futuristic technologies that develops and applies knowledge to all the students by experiential learning. 2. Extension Activities Awareness programme such as talks, seminars and workshops related to the patriotism, Engineers Day, Swatch Bharat etc. under extension Activities and Outreach Programmes are focused on the integral formation of the student. Training and Workshops on Transferable Skills help the students to serve the society better. Strive for truth and Service We provide quality education to our students. Integrity and transparency are reflected in all the endeavours of the institution from the Admission process up to the conformant of Degree/Placement and even beyond. The institution stands for humanity, for tolerance, for reason, for the adventure of ideas and for the search for truth. For this we create an environment that fosters teamwork, cooperation and mutual support. The Institution believes in the policy of inclusion and promotes the Nation building qualities of equality, justice and fraternity. 3. Value Education classes Once a week for students of all year are held for all students throughout the year to enable students to discern and make informed choices for life. Soft skills also form part of these classes. 4. Self-Evaluation and Continual Renewal The Institution follows a multi-level evaluation process to support a continual renewal such as:- a. Self-Appraisal by Teaching and Administrative Staff. b. Peer Evaluation Process of Student Evaluation. c. Academic Audit. d. Stakeholders Feedback. e. Management Appraisal.

Provide the weblink of the institution

http://riteindia.in/naac/

8.Future Plans of Actions for Next Academic Year

• To initiate new Techniques in developing the students to face modern methods of Personality Tests and Interviews. • To Organize State / National level Conferences, Paper Presentations project competition. • To start MBA Courses in the institute, and carrying out activities for the development of Faculty. • To Organize various short term courses, workshops, seminars from experts under various Departments. • To organize various guest lecturers on current Topics and

Emerging Trends, so as to prepare the Students as Entrepreneurs and Professionals for the Global Market. • To improve placement ratio. • To contribute to the growth of the Institution as an eminent Resource Centre for providing True Professional and thus meet the expectations of the Industries. • To increase the number of MOUs with industries.

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