



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	ARYAN INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution	Prof (Dr) Sarat Kumar Mishra
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	06742377100
Mobile no.	9437087346
Registered Email	aryan.edu23@gmail.com
Alternate Email	principal@aryan.ac.in
Address	At-Barakuda, PO-Panchagaon, Dist-Khordha
City/Town	Bhubaneswar
State/UT	Orissa
Pincode	752050

2. Institutional Status																			
Affiliated / Constituent			Affiliated																
Type of Institution			Co-education																
Location			Rural																
Financial Status			Self financed																
Name of the IQAC co-ordinator/Director			Prof. Amiya Kumar Sahoo																
Phone no/Alternate Phone no.			06742377110																
Mobile no.			9437215834																
Registered Email			aryan.edu23@gmail.com																
Alternate Email			amiyakumar@aryan.ac.in																
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)			https://aryan.ac.in/pdf/AQAR-17-18.pdf																
4. Whether Academic Calendar prepared during the year			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			https://www.bput.ac.in/academic-calendar.html																
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B+</td> <td>2.62</td> <td>2017</td> <td>23-Jan-2017</td> <td>22-Jan-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B+	2.62	2017	23-Jan-2017	22-Jan-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B+	2.62	2017	23-Jan-2017	22-Jan-2022														
6. Date of Establishment of IQAC			30-Jan-2015																
7. Internal Quality Assurance System																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td>Imparting the practice of</td> <td>02-Jan-2019</td> <td>1200</td> </tr> </tbody> </table>						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	Imparting the practice of	02-Jan-2019	1200					
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Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries																	
Imparting the practice of	02-Jan-2019	1200																	

Yoga for improvement of the life skill of students.	12	
Collection of more funded research projects from different funding agencies.	15-Apr-2019 20	8
Achievements to students group undertaking a live project on plastic to petrol.	21-Nov-2018 60	8
Implementation of mock technical interview, Personal interview, career counselling for students .	03-Sep-2018 10	1200
View File		

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!!!				
No Files Uploaded !!!				

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 :	6
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)

Monitoring and regular follow up of university academic calendar and teaching plan.

Organised various co curricular and social activities

Standard monitoring procedures like Daily, Monthly reports on the activities of the individual faculty, departments and sections are carried out.

Periodic meetings and steps are taken by IQAC in forming Special Interest Groups to enhance the research interest and publications in terms of quality and quantity.

All Stakeholders feedback including students to enhance curriculum.

[View File](#)

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
Clean and Green Campus	Five Hundred trees were planted
Continuous infrastructure up gradation	Boundary wall, renovation of laboratories and sports facilities completed
conduct one workshop/seminar for motivating students for higher studies	Each department conducted one seminar to motivate students for higher studies
Alumni meet in frequent intervals	The Alumni association of AIET met on 17/09/2018 and 03/04/2019 and discussed on the overall development of the institution.They share their job/field experience to the students
Strengthening placement activities	Strengthening placement activities by inviting a number of industries from different regions of the country. On campus and off campus drives arranged for the final year and passed out students.
Coaching activities for competitive examination	The Training classes by the T and P department for the final year students had been arranged for pre placement and competitive examinations.
View File	

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Management	05-Aug-2019

15. Whether NAAC/or any other accredited

No

body(s) visited IQAC or interacted with it to assess the functioning ?	
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	28-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Aryan Institute of Engineering Technology, an ERP system is under implementation through various Modules to integrate Institutewide information covering all functional areas. The Institute Management System (IMS) module of the institute currently covers the following functions: Student Administration, Fee Management Module , Daily Expenses Management Software, Attendance Leave Management, Human Resource Management, Examination Management , Library Management and Transport Management. Details of the ERP This module has academic year wise class lists, alumni list, and student's profile etc. This module also has Fees module different ledgers of fees which we can create and can allocate to students class wise, so that students can pay fees online and after payment they get receipt for their paid fees. This module contains the students attendance where subject teacher adds attendance of student for his/her lecture and can maintain the online record of attendance of his/her theory class or practical, also assignment can be assigned to group of student's or whole class by the subject teacher, class teacher's can take monthly attendance report of class and can send SMS to parents who have less attendance for that particular month. In this, staff details like staffs appointments, joining of staffs and other details can be viewed. This gives information about due books, books transactions details and total number of titles and volumes of library etc. Through this SMS can sent to the student's parents, other staff members of college and to those to whom to communicate. All alumni data</p>

and information is available in this module. Hostel wise student list and details of hostels, student's attendance in hostels is available in this module. University result of students can be stored and sent through SMS to parent's in this module.

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

As an affiliated College, the Institution follows curriculum provided by its affiliating university, Biju Patnaik University of Technology. Courses of the curriculum are allocated to faculties based on their field of expertise and interest well before the starting of the semester by the Head of the Departments. Apart from this the institute conducts a meeting with Internal and external experts from academia and experts from Industry and Alumni periodically for enriching the curriculum by providing industry-oriented courses apart from curriculum. The prerequisite, course outcomes and programme outcome mapping, books to be referred, methods of instructional delivery are documented by concerned subject faculty and this road map is approved by the Head of the Departments before the starting of the semester. Course handling faculties are provided with the responsibility of framing the lecture plan of delivery, preparation of lecture notes for all topics as in the curriculum, devising the assignment topics and tutorial problems which are required to be approved by the Head of the department and Principal before the commencement of the semester. At the starting of the course, faculties are required to highlight course objectives, outcomes of the course, contents of each unit and its applications in the related domain to the students. In addition to traditional teaching methods, video lectures, NPTEL lectures, PowerPoint presentations, projects, case studies etc are being conducted from time to time. The institute has its own teaching strategy to promote value-based teaching learning system to increase competency levels of students to match the changing needs of industry and society. The mechanism adopted for evaluating the performance of teachers is through feed-back from various stakeholders, the prime source being the same from students & parents. The institute has a system for assessing the knowledge and skills for particular programs. Besides teaching, group discussions, tutorials, class tests, assignments, surprise tests, remedial and bridge classes, seminars, debates, field studies, study tours etc. are conducted to enrich the quality of teaching.

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
HDL	NA	10/10/2018	20	Employability	Skill Development
Advanced Optical Network	NA	12/11/2018	45	Employability	Skill Development
DIGITAL SYSTEM	NA	04/09/2018	20	Employability	Skill Development

DESIGN WITH PLDS	WIRELESS LOCAL AND PERSONAL AREA NETWORKS	NA	06/09/2018	20	Employability	Skill Development
	Advanced VLSI	NA	07/01/2019	20	Employability	Skill Development
	WIRELESS BODY AREA NETWORK	NA	03/09/2018	20	Employability	Skill Development
	3D design using CATIA	NA	03/09/2018	20	Employability	Skill Development
	Simulation using ANSYS	NA	10/12/2018	22	Employability	Skill Development
	Creo	NA	06/11/2018	20	Employability	Skill Development
	Design using Solid works	NA	10/12/2018	22	Employability	Skill Development
	Industrial Robotics	NA	07/01/2019	22	Employability	Skill Development
	Advance Certificate course in CNC Machining	NA	20/11/2018	20	Employability	Skill Development
	Mobile Repairing Technology	NA	04/12/2018	21	Employability	Skill Development
	PLC	NA	08/08/2018	20	Employability	Skill Development
	Power System Analysis	NA	21/08/2018	21	Employability	Skill Development
	Simulation Using MATLAB	NA	04/09/2018	22	Employability	Skill Development
	Electrical Repair Maintenance	NA	10/09/2018	20	Employability	Skill Development
	Introduction to Organic Chemistry	NA	24/09/2018	20	Employability	Skill Development
	Complex Analysis	NA	16/10/2018	20	Employability	Skill Development
	Complex Analysis	NA	13/11/2018	21	Employability	Skill Development
		NA	13/11/2018	20	Employability	Skill

Application of Autodesk 3ds Max in Civil Engineering					ity	Development
Sub-surface Exploration Geotechnical Investigation	NA	11/12/2018	21	Employability	Skill Development	
Analysis Design of High rise buildings using ETABS Foundation design using SAFE for seismic loads	NA	19/12/2018	22	Employability	Skill Development	
Design loads considered on bridges using STAAD Pro.	NA	07/01/2019	20	Employability	Skill Development	
Design of Tensile structures using RFEM	NA	15/01/2019	20	Employability	Skill Development	
Bridge Design Analysis	NA	30/01/2019	21	Employability	Skill Development	
C programming	NA	04/02/2019	20	Employability	Skill Development	
Core Java	NA	19/02/2019	21	Employability	Skill Development	
My SQL	NA	04/03/2019	21	Employability	Skill Development	
Python	NA	25/03/2019	22	Employability	Skill Development	
Machine learning	NA	15/04/2019	20	Employability	Skill Development	
Internet Programming And Web Technologies	NA	15/04/2019	22	Employability	Skill Development	

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
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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
No Data Entered/Not Applicable !!!		

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

	Certificate	Diploma Course
Number of Students	1411	0

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
2D Design using AutoCAD	11/09/2018	140
Design using CATIA	10/07/2018	128
Robotics Automation	12/01/2019	133
Metal cutting by Advanced CNC	15/12/2018	126
Nano Science Nano Technology	12/01/2019	132
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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 & Communication Engineering	67
Mtech	STRUCTURAL ENGINEERING	24
BTech	Civil Engineering	382
BTech	Computer Science	166
BTech	Mechanical Engineering	325
BTech	Electrical Engineering	148
BTech	Electrical & Electronics Engineering	121
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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

1. Student feedback: Student feedback on the teaching and learning process is collected both verbally and through college management software two times in each semester and analysed by HOD and principal. The suggestions provided by students are given due weightage for correcting the methods. Student feedback on academics in the student representative meeting are addressed by the Principal. Also feedback is obtained at the end of the semester from students on the teaching process of the course handling faculty and any deviation observed, the concerned faculty is advised to improve on their performance by the Head of the department. 2. Exit survey: This survey is obtained from the students at the end of the programme. The feedback is basically for checking the attainment of the program outcomes of all the students are analysed and attainment score for each programme outcome is analysed and score of each programme outcome and overall programme outcome attainment score. Corrective measure are taken for deviation in attainment score 3. Alumni Feedback: This Feedback is obtained from the alumni from time to time for knowing the attainment of programme educational objectives, programme specific out comes and programme outcomes and are analysed and corrective actions are taken if required. 4. Employer Feedback: This is obtained from the employers by the placement cell for understanding the requirements of industry, placement cell and the concerned departments are taking corrective measures based on the feedback obtained from the employers. 5. Parent Feedback: This feedback is obtained from the parents periodically for understanding their satisfaction level in teaching learning process, other facilities available in the campus etc. All the feedback are analysed both in the department meetings and institute level. 6. Teachers Feedback: Teachers feedback on students performance is obtained through mentor/ mentee system and TI PI system

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	120	132	119
BTech	Computer Science & Engineering	60	58	51
BTech	Mechanical Engineering	120	120	114
BTech	Electrical Engineering	60	61	55
BTech	Electrical and Electronics Engineering	60	32	27
BTech	Electronics and Communication Engineering	60	22	16
Mtech	Structural Engineering	30	31	25

[View File](#)

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1598	37	118	6	4

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
128	90	8	15	6	3

[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)

There is a mentoring system in place in the college to take care of the interests of all the students on rolls. The mentors provide professional guidance and tactical support for Entrepreneurship including its procedures, statutory requirements, Licensing needs, potential areas for SMEs etc. The mentor coordinates with the college authorities to invite industry professionals, experts from bank financial institutions, Govt. agencies for one-to-one interaction with the students. He also coordinates with the authorities for Industrial Visits and Internships to familiarize students with Industrial Work scenario. Awareness and support are provided to students relating to GATE, GRE, CAT, ISRO, Defense Services, DRDO, BARC, and other Govt. PSUs examinations.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1635	128	1:13

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
128	128	0	6	31

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Sarat Kumar Mishra	Principal	Best Principal Award
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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	UG01	1/1, 3/2, 5/3, 7/4	27/12/2018	07/02/2019
BTech	UG02	1/1, 3/2, 5/3, 7/4	27/12/2018	07/02/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

At the beginning of the academic session students were oriented about the continuous internal evaluation. They were informed how much they should obtain in order to be eligible for the end term examination. As per the needs of fulfillment, the College laid equal importance of the performance of the students in every categories of the assessment. According to the convenience of the concerned teacher Class tests are conducted regularly. Students who are found to be exceptionally weak are given special attention and are made to reappear the same test until they could improve. Assignments, Seminars and Project Works are another major evaluation wherein students are made to perform either individually or in group.

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

Internal and External examinations are being conducted as per the BPUT Academic Calendar.

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)

<https://aryan.ac.in/AQAR2018-19/2.6.1>

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 02	BTech	Computer Science & Engineering	41	41	100
UG 05	BTech	Electrical & Electronics Engineering	34	33	97.05
UG 06	BTech	Electronics and Communication Engineering	15	15	100
UG 01	BTech	Civil	113	110	97.35

		Engineering			
UG 04	BTech	Electrical Engineering	55	53	96.36
UG 03	BTech	Mechanical Engineering	113	110	97.35
PG 01	Mtech	Structural Engineering	12	12	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)

<https://aryan.ac.in/AQAR2018-19/2.7.1>

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
Students Research Projects (Other than compulsory by the University)	260	BPUT	2.8	2.8
Minor Projects	210	Citicon Engineers Ltd.	3.4	3.4
Industry sponsored Projects	230	Citicon Engineers Ltd.	3.5	3.5
Students Research Projects (Other than compulsory by the University)	180	ARYAN INFRA PROJECT LTD	2.7	2.7
Students Research Projects (Other than compulsory by the University)	120	ARYAN INFRA PROJECT LTD	3.5	3.5
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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
National Conference on IPR for entrepreneurship	ELECTRICAL ENGINEERING	16/07/2018

National Conference on IPR for Trade Secret	MECHANICAL ENGINEERING	06/08/2018
National Seminar On IPR for Engineers and Science	ELECTRONICS ENGINEERING	11/02/2019
National Seminar On IPR on Patent Writing	ELECTRONICS COMM ENGINEERING	12/03/2019
National Seminar On Digital Challenges On IPR	CIVIL ENGINEERING	26/04/2019

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

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
ARYAN	ARYAN TBI	ARYAN	Ambulance Service on app	Innovation and Social Responsibility	15/11/2018
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
17	12	9

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

Name of the Department	Number of PhD's Awarded
NA	0

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	Basic Sc. Humanities	11	2.15
International	Civil Engineering	7	2.15
International	Computer Science	10	2.15
International	Electrical Electronics Engineering	5	2.15
International	Electronics and Communication Engineering	5	2.15
View File			

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
Basic Science and Humanities	48
Electrical and Electronics Engineering	8
Civil Engineering	22
Computer Science Engineering	23
Electronics and Communication Engineering	24
Electrical Engineering	17
Mechanical Engineering	22
No file uploaded.	

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
New Escape Criteria for Complex Fractals Generation in Jungck-Cr Orbit	Sunita Priyadarsini	IJRES	2019	2	AIET, BBSR	5
A Variable Study of Kipling's the Light That Failed	Khageswar Jena	IJRES	2019	2	AIET, BBSR	5
Modeling Heterogeneous Network Interference Using Poisson Point Processes	Vidya Mohanty	IJRES	2019	2	AIET, BBSR	5
Study of P, PI and PID controller for speed control of induction motor	Ipsita Pahi	IJRES	2018	2	AIET, BBSR	5
Single	Sanjeev	IJRES	2018	2		5

Phase Full Bridge Inverter Formed by Floating Capacitors	Kumar Mishra				AIET ,BBSR	
Different Step up Choppers for Photovoltaic Panel	Swarna Manjari Samal	IJRES	2018	2	AIET ,BBSR	5
Malignant classification of mammogram images based on deep learning	Flora Das	IJRES	2018	2	AIET ,BBSR	5
Simulation of DC-DC Converters	Ajit Kumar Panda	IJRES	2018	2	AIET ,BBSR	5
Optimization and Analysis of GTA Welding Process Using Hybrid Method of Neural-Genetic Approach and Taguchi Method	Tapan Kumar Mohanty	IJRES	2019	2	AIET ,BBSR	5
Accelerometer sensor for physical pendulum a complete formulation	Bhabesh Kumar Dadhichi	IJRES	2019	2	AIET ,BBSR	5
View File						

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 excluding self citation	Institutional affiliation as mentioned in the publication
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Experimental and novel modeling evaluation of Nano-sized silicon carbide reinforced commercial casting aluminum alloy matrix	Pradyut Kumar Swain	IJRES	2018	2	5	AIET, BBSR
DC Motor Using PI Controller	Sagarika Patro	IJRES	2018	2	5	AIET, BBSR
The Analysis and Forecasting On Foreign Direct Investment, Tourism and Economic Growth in Asean Countries	Sasmita Parida	IJRES	2019	2	5	AIET, BBSR
Nuclear Magnetic Resonance Spectroscopy of Cement in Solid State	Nilanchala Swain	IJRES	2019	2	5	AIET, BBSR
Turning heterogeneity into an advantage in wireless ad-hoc network routing	Pratyush bhanu Khuntia	IJRES	2019	2	5	AIET, BBSR
3D geographical routing protocols in wireless ad hoc and sensor	Sushree Madhusmita Behera	IJRES	2019	2	5	AIET, BBSR

networks: an overview						
Analysis of resistance spot welding using mult i- objective Taguchi method and RSM	Bidyuta Ranjan Rout	IJRES	2019	2	5	AIET, BBSR
Artificial Intelligen ce-Powered Ultrasound for Improving Clinical Workflow	Madhulita Mohapatra	IJRES	2018	2	5	AIET, BBSR
Diagnosis of Breast Cancer Using Cwv- Bann-Svmdi fferent discharge energy and surface integrity characteri stics in wire-EDM of inconel 718	Ipsita Samal	IJRES	2018	2	5	AIET, BBSR
Friction welding Op timization of tube-to- tube plate using an internal tool by genetic algorithm and Taguchi method	Srikant Kumar Sahoo	IJRES	2018	2	5	AIET, BBSR
View File						
3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :						
Number of Faculty	International	National	State	Local		

Attended/Seminars/Workshops	42	32	3	5
Presented papers	32	76	31	23
Resource persons	3	17	21	9
No file uploaded.				

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
ANTI DRUG RALLY	12(O) DENKANAL	5	52
AIDS AWARENESS	1(O) ARTRY CUTTACK	7	52
View File			

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
Participating in S.N.I.C camp	Participating certificate	N.C.C	22
Tree plantation program	Appreciation certificate	Secretary forest department	29
View File			

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 activities	Number of students participated in such activities
Swachh Bharat	4(O) CTC CUTTACK ARMY WING	Cleanliness Activities	5	163
Women Empowerment	4(O) CTC CUTTACK ARMY WING	Workshops on Women empowerment	6	82
Digital India	NSS UNIT, AIET, Bhubaneswar	Cashless India Pledge	9	172
Swachh Bharat	4(O) CTC CUTTACK ARMY WING	Plastics Mukti Abhiyan	10	206
Health Sensitization	NSS UNIT, AIET, Bhubaneswar	World Health Day Celebration	6	190
Health	NSS UNIT,	World AIDS	8	152

Sensitization	AIET, Bhubaneswar	Day celebration and Flag March		
Safety security of women	NSS UNIT, AIET, Bhubaneswar	Self Defense Training Workshop	12	212
No file uploaded.				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Student Exchange	20	SELF	3
COLLABORATIVE RESEARCH	1	SELF	365
Expert lecture	73	SELF	3
Faculty Exchange	8	SELF	3
Internship	32	SELF	30
Seminar	17	SELF	3
Study tour	17	SELF	3
Study tour	52	SELF	1
Workshop	42	SELF	3
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship /Placement	Industry Tie up	TATA, KEONJHAR	28/01/2019	28/02/2019	72
Internship /Placement	Industry Tie up	SAIL, BOKARO	11/03/2019	10/05/2019	46
Joint project	Joint project	Silan Technology	01/11/2018	28/02/2019	52
Student exchange	Student exchange	Gandhi Institute of Engg Technology, Baniatangi	04/02/2019	11/02/2019	32
Collaborative research	Collaborative research	Citicon Engineers ltd	01/07/2018	29/06/2019	64
Internship /Placement	Industry Tie up	OCL CEMENT	06/08/2018	05/11/2018	45
Internship /Placement	Industry Tie up	RSPL, ROURKELA	12/11/2018	21/01/2019	28

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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
Oltron Technology	12/06/2019	Internship	125
Citicon Engineering Pvt. Ltd	11/03/2019	Internship and Placement	75
Silan Technology	29/11/2018	Training	150
EduBridge	14/01/2019	Training	120
Aryan Infra Projects Ltd	03/09/2018	Internship and Placement	90
No file uploaded.			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
110	110.92

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	18.11	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	12310	4924000	700	320450	13010	5244450
Reference Books	2240	558875	212	86592	2452	645467
e-Books	11119	106770	750	23568	11869	130338
Journals	49	247151	4	16245	53	263396
e-Journals	63	88230	15	22650	78	110880
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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
Nilambari Panda	Aptitude Reasoning	IMS(Institute Management System)	01/04/2019
Chandrabhanu Malla	ICEGT	IMS (Institute Management System)	02/02/2019
Debasish Mishra	EM	IMS (Institute Management System)	07/05/2019
Ankita Panda	DLD	IMS (Institute Management System)	07/05/2019
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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	350	2	1	1	1	1	9	48	0
Added	50	0	1	0	0	0	0	52	0
Total	400	2	2	1	1	1	9	100	0

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

100 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
IMS(Institute management system)	https://cms.aryan.cloud/

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1069.8	1073.6	271	271.35

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

The primary responsibility of the management and head of institution to develop the infrastructure and other facilities in regular intervals. A central library with research information and periodicals like Indian Academic Sciences, e-library K-HUB, Library Automation with KOHA Software, DELNET with Reprographic services available to all the students and staff. Periodic upgradation of books and journals are done according to the needs of the students and faculties of various departments. Wi-Fi enabled campus, Internet facility has been upgraded to 48 Mbps. The Research and Development (R D) Cell encourages faculty to participate in independent / collaborative research. The Institution provides following research facilities. Financial support for RD activities including reimbursement of travel expenses and registration fees. The institution is also giving more emphasis on sports and other cocurricular activities. Indoor and Outdoor games, multi gymnasium are available inside the campus. A dedicated sports teacher is also taking Yoga classes at morning and evening time.

<https://aryan.ac.in/AQAR 2018-19/4.4.2>

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	737	8844000
Financial Support from Other Sources			
a) National	Prerana Scholarship (Odisha) Medhabruti Scholarship (Odisha) National Scholarship (Minority)	645	38412400
b) International	NIL	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Features and relation between big data and iot	21/08/2018	406	Dr. SANJAY KUMAR PADHI CSE DEPARTMEN T, A.I.E.T, BBSR
BLOCK CHAIN APPLICATION	03/10/2018	405	Dr. LAXMI CSE DEP ARTMENT, A.I.E.T, BBS

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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 passed in the comp. exam	Number of students placed
2018	DRISHTI (A Vision for Life)	312	302	12	78

[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
5	5	2

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
AAAPL, Waluj	60	20	QSPIDERS 8, Bannerghatta Main Rd, Sarakki Industrial Layout, 3rd Phase, J. P. Nagar, Bengaluru, Karnataka 560076 099805 00900	17	15

[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	Department graduated from	Name of institution joined	Name of programme admitted to
2018	2	B.Tech	Civil Engineering	CEB, Bhubaneswar	MBA
2018	2	B.Tech	Civil Engineering	NMIET, Bhubaneswar	M.TECH
2018	1	B.Tech	Civil	REC,	M.TECH

			Engineering	Bhubaneswar	
2019	1	B.Tech	CSE	CEB, Bhubaneswar	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
Any Other	23
No file uploaded.	

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

Activity	Level	Number of Participants
Cricket League	Institute Level	44
Annual Sports	Institute Level	175
Inter College Badminton	Inter College	10
Volley Ball	Inter College	24
Football	Inter College	10
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
2018	SWACHH BHARAT ABHIYAN	National	8	9	1703200243	SRIKAN GOUTAM JENA
No file uploaded.						

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

The institute nominate student representatives from different disciplines to suggest their views and ideas in continuous development of the institution. Two students of each department are part of library committee. Student representatives are also part of Disciplinary committee, Mess committee etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni Association has both executive and general body for its function with Er. Bipash Mohanty as its President and Er. J.R.Paikray as Secretary. It has been registered under the society registration act on 10th July, 2015 and it bears the registration number of 2032- 18-07 2017-18. The Alumni give their feedback on various issues for improvements in institution's functioning. These are treated with utmost importance by the institute. The members of the association are invited to various functions organized by the institute to address and interact with the students.

5.4.2 – No. of enrolled Alumni:

455

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

612300

5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni of the institution meets once in a year. They are organizing different social and cultural activities of the students belongs to different years. They are also giving their feedback and measures to be taken for overall development of the institution. The alumni members interact and share their experience and expertise among the students.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The principal is the sole authority of the institution. Students are empowered to play an active role in co curricular and extracurricular activities, and social services. The institution promotes a culture of participative management by involving the staff and students in various activities. There are different committees such as drama club, women Cell, NSS, IQAC, mentoring etc. The College core committee formulates common working procedures and entrusts the implementation through departments. The department or committee incharge manages the activities of the department and keep track of cocurricular and extracurricular activities in the College. Other units of College like sports, library, students council also operates under the guidance of the various committees and also students are involved in the decision making process to some extent.

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
Industry Interaction / Collaboration	i) Study Tours and Industrial Visits to various industries for practical exposure of students /faculty. ii) Partnership agreements entered with other institutes / industry. iii) Industrial training / on-line projects are arranged. iv) Industry experts / eminent academicians are invited as guest speakers. v) Students participate in many industry sponsored programs /Certificate courses / summer training etc.
Admission of Students	Admissions are made through a single window i.e. Joint Entrance Examination and reservations guideline is strictly followed as issued by the Govt. of Odisha / Regulatory Bodies from time to

	time.
Human Resource Management	<p>Adequate no. of qualified teaching and supporting staff are appointed through notified procedures of open advertisement, demo-classes interview by expert panels as per norms of AICTE/Govt. of Orissa/BPUT. Programs on communication skills/GD personality development programs for students, faculty development programs held at regular intervals. Various incentive schemes and welfare activities are used for motivating students / staff. Instead of six-day teaching per week, classes are held for five days leaving the Saturday for curricular and extra-curricular activities.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>A library with research information and periodicals like Indian Academic Sciences, e-library K-HUB, Library Automation with KOHA Software, DELNET with Reprographic services. • Wi-Fi enabled campus. • Internet facility has been upgraded to 48 Mbps. • ICT enabled class rooms.</p>
Research and Development	<p>The Research and Development (R D) Cell encourages faculty to participate in independent / collaborative research. The Institution provides following research facilities: • Well equipped laboratories. • A library with research information and periodicals. • Wi-Fi enabled campus. • Leave facilities for higher studies / research. • Financial support for RD activities including reimbursement of travel expenses and registration fees.</p>
Examination and Evaluation	<p>The examination and evaluation process is depends on the university i.e. Biju Patnaik University of Technology, Rourkela, Odisha. Continuous evaluation using assignments, quiz, class test, group discussions, presentation, case studies and sessional exams is to improve the quality.</p>
Teaching and Learning	<p>The institute has its own teaching strategy to promote value-based teaching learning system to increase competency levels of students to match the changing needs of industry and society. The mechanism adopted for evaluating the performance of teachers is through feed-back from various stakeholders, the prime source being the same from students parents.</p>

Curriculum Development	<p>The feedback is analysed and discussed by HoDs with the concerned teacher and suggestions are made for further improvements. The non-teaching staff are evaluated qualitatively in consultations with the Principal. The institute has a system for assessing the knowledge and skills for particular programs. Besides teaching, group discussions, tutorials, class tests, assignments, surprise tests, remedial and bridge classes, seminars, debates, field studies, study tours etc. are conducted to enrich the quality of teaching. The Campus is Wi-Fi enabled. It has well equipped labs, workshops and library. AIET has well qualified and experienced faculty members. Seminars, workshops, add-on programs etc. are conducted for teachers to enhance their knowledge and skills.</p>
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6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Finance and Accounts	The institute uses latest Tally software for all types of financial activities. The institute also gives more emphasis on digital mode of transaction.
Student Admission and Support	The admission process is done through e-counselling process. The detail profile of the institution, infrastructure and facilities, fee structure etc are uploaded on the institute website.
Examination	As an affiliated institute, the university designed an UMS (University Management System) through which all the examination related activities are being carried out.
Planning and Development	All the notices and important activities are uploaded in the college website. SMS and automated Email service implemented for all the stakeholders. e-governance software used for redressal of all types of grievances.
Administration	The total administration of the institute is depends on the ERP software.

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
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		workshop attended for which financial support provided	professional body for which membership fee is provided	
2018	DR. RAGHUPATRUNI BHIMA RAO	CAUSES OF STURCTURE FAILURE CONFERENCE	NA	5500
2018	SHRADHANANDA GHADEI	BUILDING PLANNING AND DRAWING CONFERENCE	NA	6500
2018	NILANCHALA SWAIN	DURABILITY AND RELIABILITY OF STRUCTURAL MECHANICS CONFERENCE	NA	6500
2018	BARODA PRASANNA SAHOO	PARAMETRIC DESIGN COFERENCE	NA	6500
2018	JAYASHREE BHUYAN	PARAMETRIC DESIGN OPTIMIZATION DESIGN	NA	6500
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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)
2018	Sustaina ble Techno logies for Intelligen t Water Management	NA	08/10/2018	12/10/2018	46	Nill
2018	NA	Ethics and Integrity in Educati onal Institutes	11/08/2018	15/08/2018	Nill	44
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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
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Bond behaviour of steel in concrete when exposed to fire	44	09/11/2018	15/11/2018	7
Essentials of IPR, Patent searching and patent drafting	43	24/11/2018	30/11/2018	7
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
25	82	7	45

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
EPF, ESI Group Insurance scheme	EPF, ESI Group Insurance scheme	Scholarships Awards

6.4 – Financial Management and Resource Mobilization

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

Internal audit is done after every six months where the auditing team checks the income received from the students which is recorded in the software and reconciled with the fees that is to be received according to class wise. Cash book is checked with the help of bank statement and vouchers maintained by the institution along with physical cash verification. Reports of Income and Expenditure statement is submitted to the Chattered Accountant who prepared the financial statement and other reports for the institution.

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
Signature apparel, Bombay Machinery store	34000	Seminar sponsored
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6.4.3 – Total corpus fund generated

265730

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	Biju Patnaik University of Technology	Yes	Principal
Administrative	Yes	Nill	Yes	Management

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

Parent Teacher Association meeting is conducted periodically to know about the students' progress. The parents get an opportunity to interact with the faculty advisors and heads of the departments to know about their ward's performance and study.

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

- Short term computer literacy courses for the supporting staff being conducted in regular intervals.
- Orientation program of non-teaching staff was conducted
- Technical training programmes are organised to enhance their skill and up to date with current technology for technical and non-teaching staff.

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

Post Accreditation initiative(s) (mention at least three) 1. Organised Student Induction Programme 2. Strengthened NCC/NSS activities 3. 2f Registration for financial assistance

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
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
2018	Aptitude and soft skills training	05/11/2018	05/11/2018	05/11/2018	175
2019	Improving number of internship by students	04/02/2019	04/02/2019	04/02/2019	120
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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
Impact of Changing Life Style on Health	20/08/2018	20/08/2018	45	65
Expert Lecture on Business Plan preparation	12/11/2018	12/11/2018	33	45

MSME entrepreneurship development program	21/01/2019	21/01/2019	38	47
International Woman's Day	08/03/2019	08/03/2019	51	48

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
<ul style="list-style-type: none"> Solar Street lights with automatic off on control. Waste water Treatment plant

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	5
Provision for lift	Yes	500
Ramp/Rails	Yes	5
Rest Rooms	Yes	10

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
2018	2	2	07/08/2018	1	Clean Village Drive	Cleanliness of the village	25
2018	1	1	12/11/2018	1	Tree Plantation	For green village	45
2018	2	2	13/09/2018	30	Computer Awareness Course to 50 School Students of Nearby Villages	Making the local students computer literate.	50
2018	1	Nil	02/07/2018	40	Outing for Students	Every Sunday college buses are provided to students to go for outing purpose	120

2018	1	Nill	02/07/2018	340	Transport Facility	College buses are provided to students and faculties for coming to college	100
2019	1	Nill	05/02/2019	1	Industrial Tour	1 day industrial visits are done to make students familiar with the working environment of industries	35

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)
Students Hand Book	02/07/2018	The student should arrive to class on time. Every student must carry his/her Identity Card and have proper uniform whenever he/she enters the premises. Ragging is banned on the institute campus. Anyone found guilty of ragging and/or abetting ragging to be punished.
Employee Hand Book	02/07/2018	Every employee shall at all times serve efficiently, act in a disciplined manner and maintain absolute integrity and devotion to duty. Save in exceptional circumstances, no employee shall absent himself from his duties without having first obtained the permission of the authority provided in the Leave Rules.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
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Independence Day	15/08/2018	15/08/2018	170
Republic Day	26/01/2019	26/01/2019	150
Engineers Day	15/09/2018	15/09/2018	110
Run for Unity	31/10/2018	31/10/2018	70
E-waste awareness program	10/12/2018	10/12/2018	65
Blood Donation Camp conducted by NSS Committee	05/02/2019	05/02/2019	120
No file uploaded.			

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

- Plantation programme.
- Installation of solar energy sources for lighting college campus, hostels, play-fields, street lighting, etc.
- Cleanliness programme organised by college in near by villages.
- Use of plastic bags totally banned inside the campus.
- Strict controls exercised for water conservation and usage.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Extensively implemented 'Swachbharat' mission due to which the entire campus is dirt-free. During visits for community service, students and teacher volunteers promote this mission and its awareness among the local population.
2. Regular Yoga classes are organized for students under specialist yoga instructors.
3. Distributed relief materials amongst the victims of natural calamities like flood, cyclone etc.

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

<https://aryan.ac.in/AQAR 2018-19/7.2.1>

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 Vision of the Institute focuses on Global Standards, Value-based Education and Sustainable Development. A high quality of academic excellence can provide value-added experience for the students. The positive outcomes are achieved by designing the curriculum to meet the global requirements and through teaching-learning methods blended with ethical values. The structured induction of the student into the curriculum enables to visualize the career opportunities and the approach towards achieving them. Participation of students in Co-Curricular Activities and Extra Curricular Activities helps to enhance all round personality development. Experiences and appreciations gained through these activities assist students during internships. Career guidance and Personal counseling. The NSS units of the college have been recognised by the State Govt and frequently arranging many social activities. The NCC unit of the institution is also attending different NCC camps and many of the NCC cadets awarded during these camps.

Provide the weblink of the institution

<https://aryan.ac.in/AQAR 2018-19/7.3.1>

8.Future Plans of Actions for Next Academic Year

Augmentation of Research and Paper publications in each dept. • Conducting more nos. of Seminars and workshops by inviting Industry professionals and academic experts. • Increase in interaction with stakeholders e.g. Parents guardians, Students, Alumni, Industry professionals. • Thrust on conducting value based training programs for faculty, staff and students including refreshers courses. • Conducting more campus drives. • Full implementation of IMS. • Increase in no. ICT enabled Class rooms in each department. • Grooming students for entrepreneurship through support services i.e. Sensitization and awareness programs, Specialist talk programs by Industrialists, Experience sharing interactions, Programs on financing SMEs, Licensing procedures etc. • Increased no. of Social Extension programs. • Organizing Tech-Fest 2019. • Thrust on conducting more nos. of Industrial visits for students.