



## Yearly Status Report - 2019-2020

### 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, Bhubaneswar
City/Town	Bhubaneswar
State/UT	Orissa
Pincode	752050

<b>2. Institutional Status</b>																			
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																
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)			<a href="https://aryan.ac.in/pdf/AQAR-18-19.pdf">https://aryan.ac.in/pdf/AQAR-18-19.pdf</a>																
<b>4. Whether Academic Calendar prepared during the year</b>			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			<a href="https://www.bput.ac.in/academic-calendar.html">https://www.bput.ac.in/academic-calendar.html</a>																
<b>5. Accrediation Details</b>																			
<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														
<b>6. Date of Establishment of IQAC</b>			30-Jan-2015																
<b>7. Internal Quality Assurance System</b>																			
<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 &amp; Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td>Improvement in Alumni</td> <td>22-Jan-2020</td> <td>936</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	Improvement in Alumni	22-Jan-2020	936					
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Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries																	
Improvement in Alumni	22-Jan-2020	936																	

activity.	3	
Organising more international conferences by each department.	18-Nov-2019 14	463
Editing and development of revised standard SOP for internal evaluation of students internship.	12-Aug-2019 7	524
Improvement of existing Collaborative learning system towards improvement of the teaching learning process.	12-Feb-2020 30	204
<a href="#">View File</a>		

**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 !!!				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
Parents and Teachers meeting on regular interval to strengthen the students' academic progression.	
Arranged seminars for the faculties and students to enhance knowledge and entrepreneurship development.	

Conducted awareness programmes under Sansad Adarsh Gram Yojana of AICTE with the help NSS /NCC unit of AIET to stop the school dropout ratio, Swachh Bharat Abhiyan and tree plantation in nearby villages.

Conducted remedial classes and bridge classes for academically weaker students. ?  
Obtained feedback from students on teachers.

Obtained feedback from students on teachers.

[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
Planned for final year students pass percentage to be 96	Total 96.66 students passed.
Planned to collect feed back from 95 Alumni, 50 Employer, 735 students & 100 faculty members related to questionnaires' on Quality enhancement.	"Feed back collected from 95 Alumni, 50 employers, 729 students & 100 faculty members."
Planned to engage 25 faculty members of different department towards development/ updation of value added course curriculum.	25 Faculty members engaged & developed/ updated value added course curriculum sucessfully.
Planned to conduct energy audit of AIET campus by engaging external agency.	Energy audit completed and action taken as per report.
<a href="#">View File</a>	

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Management	30-Jul-2020

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

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

11-Mar-2020

<b>17. Does the Institution have Management Information System ?</b>	<b>Yes</b>
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	At Aryan Institute of Engineering Technology, an ERP system is under implementation through various Modules to integrate Institute wide 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 .

## 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
Hydraulic Pneumatic	NA	02/09/2019	20	Employability	Skill Development
Master Certificate Course in Product Design	NA	10/09/2019	21	Employability	Skill Development
Enterprenurship skill development program	NA	04/11/2019	20	Employability	Skill Development
CNC programming on Milling	NA	09/11/2019	20	Employability	Skill Development
Industrial Robotics	NA	11/11/2019	20	Employability	Skill Development
Advance Certificate course in CNC Machining	NA	05/12/2019	21	Employability	Skill Development
Mobile Repairing Technology	NA	10/09/2019	20	Employability	Skill Development
PLC	NA	09/12/2019	22	Employability	Skill Development
Power System Analysis	NA	12/08/2019	20	Employability	Skill Development
Power System Transients	NA	12/08/2019	22	Employability	Skill Development
Simulation Using MATLAB	NA	06/01/2020	22	Employability	Skill Development
Electrical Repair Maintenance	NA	04/02/2020	20	Employability	Skill Development
HDL	NA	10/02/2020	21	Employability	Skill Development
Advanced Optical Network	NA	24/02/2020	20	Employability	Skill Development
DIGITAL SYSTEM DESIGN WITH PLDS	NA	02/03/2020	20	Employability	Skill Development
WIRELESS LOCAL AND	NA	09/03/2020	20	Employability	Skill Development

PERSONAL AREA NETWORKS	EMBEDDED SYSTEM DESIGN	NA	16/03/2020	21	Employabil ity	Skill Development
	TELECOM NETWORK MANAGEMENT	NA	23/03/2020	22	Employabil ity	Skill Development
	Introduction to Organic Chemistry	NA	30/03/2020	21	Employabil ity	Skill Development
	Roadway design with Bentleys Open Roads Designer	NA	06/04/2020	20	Employabil ity	Skill Development
	Analysis Design of structures using TEKLA Structural Designer	NA	13/04/2020	20	Employabil ity	Skill Development
	Structural Design of Highrise Pre- cast Buildings using ETABS	NA	20/04/2020	22	Employabil ity	Skill Development
	Design of Bridge foundations using STAAD Pro.	NA	20/04/2020	21	Employabil ity	Skill Development
	Introduction Applications of Hydrologic Engineering Centers- River Analysis System ( HEC- RAS)	NA	27/04/2020	21	Employabil ity	Skill Development
	Drafting Design using REVIT	NA	10/02/2020	20	Employabil ity	Skill Development
	Node JS	NA	04/05/2020	20	Employabil ity	Skill Development
	MYSQL	NA	05/05/2020	21	Employabil ity	Skill Development

Image Processing	NA	02/03/2020	20	Employability	Skill Development
IOT	NA	10/02/2020	20	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
No Data Entered/Not Applicable !!!		
No file uploaded.		

### 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	1416	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
Soft Skill Training	11/11/2019	155
MATLAB	16/12/2019	85
BEC	20/01/2020	120
SAP	24/02/2020	65
SOLIDWORKS	09/03/2020	80
<a href="#">View File</a>		

### 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	ELECTRICAL & ELECTRONICS ENGINEERING	123
BTech	Electronics & Communication Engineering	64
Mtech	STRUCTURAL ENGINEERING	22
BTech	Mechanical Engineering	287
BTech	CIVIL ENGINEERING	335
BTech	COMPUTER SCIENCE & ENGINEERING	182
BTech	ELECTRICAL ENGINEERING	149
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## 1.4 – Feedback System



#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>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</p>

### CRITERION II – TEACHING- LEARNING AND EVALUATION

#### 2.1 – Student Enrolment and Profile

##### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Civil Engineering	120	128	117
BTech	Computer Science & Engineering	60	64	59
BTech	Mechanical Engineering	120	129	117
BTech	Electrical Engineering	60	59	56

BTech	Electrical and Electronics Engineering	60	36	28
BTech	Electronics and Communication Engineering	60	29	21
Mtech	Structural Engineering	30	16	11
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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	1591	36	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	93	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
1627	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	4	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	Dr. AJAYA KUMAR SWAIN	Professor	Best Innovation
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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	23/12/2019	17/02/2020
BTech	UG02	1/1, 3/2, 5/3, 7/4	23/12/2019	17/02/2020
<a href="#">View File</a>				

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/AQAR2019-20/2.6.1>

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 and Engineering	54	52	96.30
UG 03	BTech	Mechanical	111	107	96.40

		Engineering			
UG 01	BTech	Civil Engineering	111	108	97.30
UG 04	BTech	Electrical Engineering	52	52	100
UG 05	BTech	Electrical and Electronics Engineering	56	53	94.64
UG 06	BTech	Electronics and Communication Engineering	22	22	100
PG 01	Mtech	Structural Engineering	25	23	92
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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/AOAR2019-20/2.7.1>

## 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)	365	BPUT	3.2	3.2
Industry sponsored Projects	365	ARYAN INFRA PROJECT LTD	2.4	2.4
Industry sponsored Projects	365	CITICON ENGINEERS LTD	3.1	3.1
Any Other (Specify)	365	CITICON ENGINEERS LTD	2.9	2.9
Any Other (Specify)	365	CITICON ENGINEERS LTD	3.2	3.2
No file uploaded.				

### 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 Seminar On Research Methodology in social sciences	MECHANICAL ENGINEERING	27/05/2020
National Conference on IPR Intellectual property rights	COMPUTER SCIENCE	15/07/2019
National Seminar on Education policy prospects for Research	CIVIL ENGINEERING	24/09/2019
National Seminar On Research Methodology tools and techniques	ELECTRICAL ENGINEERING	10/02/2020
National Conference on Infringement on IPR	ECE	15/04/2020

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NA	NA	NA	NA	NA	01/01/2020
No file uploaded.					

## 3.3 – Research Publications and Awards

### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
18	11	6

### 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 Science Humanities	13	2.18
International	Civil Engineering	9	2.18
International	Computer Science Engineering	11	2.18
International	Electrical Electronics Engineering	6	2.18
International	Electronics and Communication Engineering	7	2.18

[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	39
Electrical and Electronics Engineering	10
Civil Engineering	21
Computer Science Engineering	26
Electronics and Communication Engineering	28
Electrical Engineering	18
Mechanical Engineering	28
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
Induction Motor Speed Control Using PLC SCADA	Aravinda Mahapatra, Sitaram Mahato, Satyajit Nayak Uma Parida	IJCER	2019	2	AIET, BBSR	5
Overhead Line Protection with Automatic Switch by Using Plc Automation	Himansu Sekhar Maharana, Anjan Kumar Sahoo, Achyutananda Panda Rajib Lochan Barik	IJCER	2019	2	AIET, BBSR	5
A Fuzzy Based Separately Excited DC Motor	Debendra Kumar Sahoo, Sangram Keshari Sahoo, Anil Sahoo Pinaki Prasanna Srichandan	IJCER	2019	2	AIET, BBSR	5
Load Trimming	Sanam Devi,	IJCER	2019	2	AIET, BBSR	5

Scheme for Overload Protection of Power Transformer	Irani Majumdar, Sudipt Mandal Prakasini Pradhan					
Advanced Vehicle Parking Using PLC	Dillip Kumar Nayak, Sasmita Sahoo, Pratik Mohanty Chandramouli Pradhan	IJCER	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
IMPACT OF RACIAL DISCRIMINATION AND CLASS SNOB BISHNESS ON CHILDRENS CHARACTERS : A LITERARY STUDY OF HARRY POTTER SERIES	Ria Pujhari Ranjan Kumar Hari chandan	IJEMES	2019	2	5	AIET, Bhubaneswar
A Fuzzy Based Separately Excited DC Motor	Himansu Sekhar Maharana, Bikash Ranjan Dash, Irani Majumdar Achyutananda Panda	IJEMES	2019	2	5	AIET, Bhubaneswar
A Multi-Level Review of Impression Management Motives and Behaviors	Sasmita Parida, Sasmita Sahoo, Minushree Pattnaik Subrat Choudhury	IJEMES	2019	2	5	AIET, Bhubaneswar

A review of Instruments Created to Assess Affect in Mathematics	Prangya Swain , Sattyannarayan Behera, Nilambari Panda Dr. Arjun Singh	IJEMES	2019	2	5	AIET, Bhubaneswar
Advanced Vehicle Parking Using PLC	Dillip Kumar Nayak, Sasmita Sahoo, Pratik Mohanty Chandramouli Pradhan	IJEMES	2019	2	5	AIET, Bhubaneswar
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	44	34	5	8
Presented papers	40	66	33	6
Resource persons	3	15	10	8
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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
Swachh Bharat Abhiyan AWARENESS RALLY	4(O) CTC CUTTACK	5	56
AIDS awareness rally	12(O) DENKANAL	5	51
<a href="#">View File</a>			

#### 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
Achievement of social services	Participating certificate	N.C.C	26
Visiting old age home	Participating certificate	N.C.C	30
<a href="#">View File</a>			



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	Campus Cleanliness Activity	16	320
Safety Security of Women	4(O) CTC CUTTACK ARMY WING	Conducted Self defense training workshop for women	7	134
Digital India	NSS UNIT, AIET, Bhubaneswar	Digital India Week Celebration	12	306
Rural Development	4(O) CTC CUTTACK ARMY WING	Unnat Bharat Abhiyan	10	181
Awareness	NSS UNIT, AIET, Bhubaneswar	Eye Donation Pledge	7	183
Awareness	NSS UNIT, AIET, Bhubaneswar	Be Good-Do Good Pledge	14	212
Health Sensitization	NSS UNIT, AIET, Bhubaneswar	Blood Donation Camp	18	330
Women empowerment by creating employability enhancement schemes	NSS UNIT, AIET, Bhubaneswar	Guest lecture on Women Entrepreneurship.	10	142
Swachh Bharat	4(O) CTC CUTTACK ARMY WING	Swachhata Abhiyan	14	256
Life Long Learning Skills	NSS UNIT, AIET, Bhubaneswar	Conducted Lecture on Soft Skills	9	212
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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
Collaborative Research	2	SELF	365
Conference	25	SELF	3
Expert lecture	60	SELF	1
Expert talk	31	SELF	1

Faculty Exchange	5	SELF	3
Internship	31	SELF	30
Seminar	55	SELF	3
Student Exchange	44	SELF	3
Study Tour	65	SELF	1
Study Tour	128	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	IFFCO, PARADEEP	04/11/2019	02/12/2019	10
Internship /Placement	Industry Tie up	SAIL, BOKARO	03/02/2020	02/03/2020	4
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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	09/12/2019	Exchange of Technology Project	52
SILAN TECHNOLOGY	11/12/2019	Exchange of Technology Project	22
EDUBRIDGE	16/01/2020	College Structure Program	60
MECHEM	18/01/2020	Exchange of Technology Project	27
CITICON ENGINEERS	03/12/2019	Exchange of Technology Project	38
ARYAN INFRA PROJECTS	03/12/2019	Exchange of Technology Project	24
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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
100	102.35

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	Existing
Classrooms with LCD facilities	Newly Added
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	Existing
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	13010	5244450	950	562312	13960	5806762
Reference Books	2452	645467	175	75631	2627	721098
e-Books	11869	130338	600	21562	12469	151900
Journals	53	263396	4	17545	57	280941
e-Journals	78	110880	15	23560	93	134440
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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
AKASHPRAVA PANDA	AUTOCAD	IMS(Institute Management System)	04/11/2019
PRAVAT KUMAR RAUTRAY	DOT NET	IMS(Institute Management System)	10/02/2020
PRAVAT MALLICK	SOLID STATE PHYSICS	IMS(Institute Management System)	24/02/2020

BHAGABAN SRI RAMAKRISHNA	MICROWAVE ENGINEERING	IMS(Institute Management System)	09/03/2020
AJAYA KUMAR BEURA	HEAT TRANSFER	IMS(Institute Management System)	23/03/2020
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#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwid th (MBPS/ GBPS)	Others
Existin g	400	2	2	1	1	1	9	100	0
Added	100	0	0	0	0	0	0	100	0
Total	500	2	2	1	1	1	9	200	0

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

200 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)	<a href="https://cms.aryan.cloud/">https://cms.aryan.cloud/</a>

#### 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
1072.1	1073.5	262	262.35

##### 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)

<p>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.</p>
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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	590	7080000
Financial Support from Other Sources			
a) National	Prerana Scholarship (Odisha) Medhabruti Scholarship (Odisha) National Scholarship (Minority)	568	33335800
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
Induction And Training Program For B.Tech Freshers 2019	19/08/2019	382	Dr .PRIYARANJAN SA TAPATHY ,Bhubaneswar
Yoga Classes	13/02/2020	405	PITABAS SAHANI ,YOGA GURU ,Bhubaneswar
<a href="#">View File</a>			

**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
2019	DRISHTI (A Vision for Life)	306	230	15	25
2019	DIGANT (A Way to Destination)	297	132	12	28
2019	Pre-Placement Training (PPT)	298	156	16	35
2019	Career Counselling	298	164	12	32

	(TI/PI)				
2019	Talk by Industry Person "Prepare yourself for the Big Leap"	257	191	11	41
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
3	3	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
ARSS	60	17	VEDANTA ALUMUNUS	11	1
<a href="#">View File</a>					

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
2020	2	B.Tech	CIVIL	NMIET, Bhubaneswar	M. TECH
2020	4	B. Tech	ELECTRONICS AND COMMUNICATION	GEC, Bhubaneswar	M. TECH
2020	5	B.Tech	COMPUTER SCIENCE	GEC, Bhubaneswar	M. TECH
Nill	2	B.Tech	CIVIL	CEB, Bhubaneswar	MBA
Nill	2	B.Tech	MECHINICAL	GIFT, Bhubaneswar	MBA
2020	3	B.Tech	ELECTRICAL	REC, Bhubaneswar	M. TECH
2020	4	B.Tech	MECHINICAL	GIFT, Bhubaneswar	M. TECH
2020	2	B.Tech	ELECTRICAL AND ELECTRONICS	CEB, Bhubaneswar	M. TECH

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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	37
No file uploaded.	

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

Activity	Level	Number of Participants
Annual Sports	College	296
Cricket League	Inter College	11
Football Championship	Inter College	10
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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	CLEAN AND SMART CAMPUS AWARD	National	9	14	1803200125	KEDAR KANT DAS
2019	BEST CADET AWARD	National	11	15	1803200192	ASHOK NAIK
2019	BEST CULTURAL CADET AWARD IN DANCE	National	11	15	1821320012	RAJAT KUMAR TRIPATHY
2019	BEST DRILL AWARD	National	11	15	18213201901	S. SUVENDU PR IYADARSHAN
2019	LIMCA BOOK OF RECORDS	Internat ional	1	1	19032012812	BISWAJIT NAIK
2020	BEST DISCIPLINE AWARD	National	1	1	1903201025	HIMANSHU NAIK
2020	CYBER CRIME UNDER MISSION SAKTI	National	1	1	19161007028	SHIDHANT SEKHAR JAYSINGH
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Institute follows Proctor system in which each Proctor is designated to care 20 students. Institute also arranges the following programmes on a regular basis to guide the students. • Orientation programmes • Personal Counseling • Career Counseling. • Seminars by Industrial experts. 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. 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.

#### 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:

250

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

75000

5.4.4 – Meetings/activities organized by Alumni Association :

The alumni members met twice in a year. The association involved in many socio-cultural activities during the academic year 2019-20. They are also giving their valuable suggestions for the development of the institution.

#### 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 in charge manages the activities of the department and keeps track of cocurricular and extracurricular activities in the College. Other units of College like sports, library, students council also operate 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
Examination and Evaluation	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.
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.
Library, ICT and Physical Infrastructure / Instrumentation	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.
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	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.

#### Research and Development

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.

#### Curriculum Development

As an affiliated College, the Institution follows Biju Patnaik University of Technology University curriculum. The institute conducts a meeting with Internal and external experts from academia and experts from Industry and Alumni periodically for enriching the curriculum.

#### Teaching and Learning

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 feedback is analyzed 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.

#### 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-counseling 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/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	JYOTIRMAYEE PANDA	OFFSHORE STRUCTURAL ENGINEERING CONFERENCE	NA	6000
2019	OSIN SANGHAMITRA PATEL	SUSTANABLE BUILDING CONFERENCE	NA	5500
2020	DR. RAGHUPATRUNI BHIMA RAO	SOIL MECHANICS AND GEOENVIROMENTAL	NA	6000

		ENGINEERING CONFERENCE		
2020	STHITIPRAJANYA SATPATHY	ADVANCED SAFTY FEATURES IN NUCLEAR REACTORS	NA	6500
2020	SHRADHANANDA GHADEI	THE AERO DYNAMIC DESIGN OF THE WIND TURBINE	NA	5500
<a href="#">View File</a>				

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)
2019	Recent advances in materials characterization	NA	21/09/2019	25/09/2019	30	Nill
2019	NA	Augmentation in Perfection of Working Proficiency of Non-Teaching Staff	11/08/2019	15/08/2019	Nill	40
<a href="#">View File</a>						

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
Application of Composite Material In Mechanical and Structural Work	40	22/10/2019	26/10/2019	5
Information Security: Issues and challenges	38	15/12/2019	19/12/2019	5
No file uploaded.				

## 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
Prshni E Care Limited and The Gadget zone	25500	FDP Sponsorship
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## 6.4.3 – Total corpus fund generated

285665
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## 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)

(i) Short term computer literacy courses for the supporting staff being conducted in regular intervals. (ii) Orientation program of non-teaching staff was conducted (iii) Technical training programs are organized 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)

1. Organized 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
2019	Analyzing effectiveness of study tour	19/08/2019	19/08/2019	19/08/2019	165
2019	Improving number of internship by students	09/12/2019	09/12/2019	09/12/2019	120
2020	Improvement of Teaching Learning Process	03/02/2020	03/02/2020	03/02/2020	145
2020	Aptitude and soft skills training	16/03/2020	16/03/2020	16/03/2020	170
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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
SAVE GIRL CHILD ABHIYAN	12/02/2020	13/02/2020	65	90
WOMEN EMPOWERMENT SEMINAR	07/02/2020	08/02/2020	89	150
MEN'S WORK OR WOMEN'S WORK? IDENTIFYING AND ANALYZING TRADITIONAL	17/01/2020	18/01/2020	45	120

GENDER ROLES IN THE WORKPLACE SEMINAR				
SEMINAR ON SEXUAL HARASSMENT	13/09/2019	14/09/2019	58	145
SEMINAR ON NEVER UNDER ESTIMATE THE POWER OF A WOMAN	20/09/2019	21/09/2019	45	45
SEMINAR ON EQUAL WORK CULTURE OF	27/09/2019	28/09/2019	58	135
SEMINAR ON TEACH GIRLS THEIR WORTH	04/10/2019	05/10/2019	35	69
WOMEN MENTORING PROGRAM	08/11/2019	09/11/2019	65	120
World AIDS Day: Vulnerability of Girls and Women	01/12/2019	07/12/2019	35	60
Human Rights Day: Ways to Remove Gender Bias	10/12/2019	10/12/2020	55	120
A Paricharcha on "Swachhta aur Hum: Healthy Mother, Healthy Family"	16/09/2019	02/10/2019	35	60
International Literacy Day: Need for Women Literacy to Remove Gender Disparities	17/11/2019	18/11/2019	35	60
Display of Charts & Posters on Contributions of Women to National Development	19/11/2019	19/11/2019	45	60
Training in Mehendi Designing for Unemployed Village Girls cum Awareness	20/11/2019	20/11/2019	45	60

Camp on Skill Development for Women Upliftment				
Health Check-up of Rural Women and Infants and Promotion Drive for Toilets for Women	21/11/2019	21/11/2019	45	60
Session on "The art of saying no: Influencing and negotiating skills" for women	20/12/2019	21/12/2019	65	125
Workshop on Self Defence for girls by 4(O) NCC army wing	28/02/2020	29/02/2020	75	125
Session on "Balance for Better" on the occasion of Women's Day	07/03/2020	07/03/2020	55	125
Session on Obstacles coming in the way of nutrition while in the College	10/01/2020	11/01/2020	55	115
Session on Wisdom of Wealth-Financial awareness for girls	03/03/2020	04/03/2020	55	135
NCC RALLY FOR GIRL CHILD AWARENESS PROGRAM	22/11/2019	23/11/2019	65	120
PROGRAMME FOR WOMEN ON DIGITAL LITERACY AND ONLINE SAFETY	05/03/2020	05/03/2020	65	125

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

(i) Solar Panel 1kWp is used inside college campus. (ii) Solar Street lights with automatic off on control are used in the college campus.



### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	50
Ramp/Rails	Yes	30
Rest Rooms	Yes	25
Physical facilities	Yes	28

### 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
2019	2	2	04/11/2019	30	Computer Awareness Course to 50 School Students of Nearby Villages	Making the local students computer literate.	50
2019	1	Nil	01/07/2019	240	Transport Facility	College buses are provided to students and faculties for coming to college	100
2019	1	Nil	01/07/2019	30	Outing for Students	Every Sunday college buses are provided to students to go for outing purpose	150
2020	1	Nil	03/03/2020	8	Study Tour	Every year for every branch students study tours of 1,3 7 days are provided	35

						to make them aware of practical knowledge related to subjects	
2020	1	Nill	06/01/2020	6	Industrial Visit	1 day industrial visits are done to make students familiar with the working environment of industries	20
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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	01/07/2019	The student should arrive to class on time. Every student must carry his/her Identity Card and have proper uniform whenever he/she is on the premises. Ragging is banned on the institute campus. Anyone found guilty of ragging and/or abetting ragging to be punished.
Employee Hand Book	01/07/2019	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
Independence Day	15/08/2019	15/08/2019	156
Republic Day	26/01/2020	26/01/2020	150

Engineers Day	15/09/2019	15/09/2019	110
Run for Unity	31/10/2019	31/10/2020	70
Swacch Bharat Abhiyan	20/01/2020	20/01/2020	165
No file uploaded.			

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

(i) Green Landscaping with trees and plants (ii) Students and staffs using Public Transport (iii) Solar Panel (iv) Rain Water Harvesting (v) LED Lights

## 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/AOAR2019-20/7.2.1>

## 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 recognized 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/AOAR2019-20/7.3.1>

## 8.Future Plans of Actions for Next Academic Year

The College IQAC has identified the broad objectives which the College should strive to achieve during this period, which are enumerated as under To facilitate continuous upgradation and updation of Knowledge Use of Technology, by Faculty and Students To fulfil its Social Obligations, in the manner of providing formal informal education, dissemination of Knowledge, organizing programmes and activities for the benefit of the Community and Other Stakeholders To fulfil its Social Obligations, in the manner of providing formal informal education, dissemination of Knowledge, organizing programmes and activities for the benefit of the Community and Other Stakeholders To encourage and facilitate Research

