The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year *(for example 2013-14)*

2017-18

1. Details of the Institution

1.1 Name of the Institution

Silicon Institute Of Technology

1.2 Address Line 1

Silicon Hills

Address Line 2

Patia

City/Town

Bhubaneswar

State

Odisha

Pin Code

751024

Institution e-mail address

director@silicon.ac.in

Contact Nos.

9337360061

Name of the Head of the Institution:

Dr. Jaideep Talukdar

Tel. No. with STD Code:

8260333609

Mobile:

9051419777

Name of the IQAC Co-ordinator:

Dr. Siba Sankar Nayak

Mobile:

9861930033

IQAC e-mail address: snayak@silicon.ac.in

1.3 NAAC Track ID *(For ex. MHCOGN 18879)*   ORCOGN 14398

OR

1.4 NAAC Executive Committee No. & Date:
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address: Silicon.ac.in

Web-link of the AQAR: www.silicon.ac.in/AQAR2017-18

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	3.04	2014	5 YEARS
2	2nd Cycle				
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC :   DD/MM/YYYY   27/01/2012

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011*)

i.   AQAR ___2012-13 submitted to _NAAC on 7/10/2013 (DD/MM/YYYY)
 ii.   AQAR__13-14 submitted to NAAC on 5/10/2014 (DD/MM/YYYY)
iii.   AQAR___14-15 submitted to NAAC ON 14/7/2015 (DD/MM/YYYY)
 iv.   AQAR__15-16 submitted to NAAC on 21/07/2016 (DD/MM/YYYY)
 v.   AQAR_16-17 submitted to NAAC ON 5/08/2017   (DD/MM/YY)

1.9 Institutional Status

University   State [ ] Central [ ] Deemed [ ] Private [ ]

Affiliated College   Yes [√] No [ ]

Constituent College   Yes ☐   No ☐

Autonomous college of UGC   Yes ☐   No ☐

Regulatory Agency approved Institution   Yes [AICTE]   NO ☐

Eg. (AICTE, BCI, MCI, PCI, NCI)

Type of Institution   Co-education [√]   Men ☐   Women ☐

Urban [√]   Rural ☐   Tribal ☐

Financial Status   Grant-in-aid ☐   UGC 2(f) [√]   UGC 12B ☐

Grant-in-aid + Self Financing ☐   Totally Self-financing ☐

1.10 Type of Faculty/Programme

Arts ☐   Science ☐   Commerce ☐   Law ☐   PEI (Phys Edu) ☐

TEI (Edu) ☐   Engineering [√]   Health Science ☐   Management ☐

Others   (Specify)   [.]

1.11 Name of the Affiliating University *(for the Colleges)*   [Biju Patnaik University Of Technology, Rourkela, Odisha]

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University   [YES]

University with Potential for Excellence   [NO]   UGC-CPE   [NO]

DST Star Scheme   [NO]   UGC-CE   [NO]

UGC-Special Assistance Programme   [NO]   DST-FIST   [NO]

UGC-Innovative PG programmes   NO   Any other (*Specify*)   NO

UGC-COP Programmes   NO

2. IQAC Composition and Activities

2.1 No. of Teachers   8

2.2 No. of Administrative/Technical staff   1

2.3 No. of students   1

2.4 No. of Management representatives   3

2.5 No. of Alumni   1

2. 6 No. of any other stakeholder and
    Community representatives   1

2.7 No. of Employers/ Industrialists   1

2.8 No. of other External Experts   1

2.9 Total No. of members   17

2.10 No. of IQAC meetings held   03 per year

42.11 No. of meetings with various stakeholders: No.   2   Faculty

     Non-Teaching Staff Students   14   Alumni   1   Others   02

2.12 Has IQAC received any funding from UGC during the year?   Yes ☐   No √

     If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

   (i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. [ ] International [ ] National [ ] State [3] Institution Level

  (ii) Themes | Post Accreditation works for Quality Improvements |

2.14 Significant Activities and contributions made by IQAC

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1. Analysis of student performance & try to bridge the gap between the target and attainment level for each course.

2. The External Academic Audit for the year 2017-18 was conducted on 26/03/2018 & the internal Audit conducted in the month of Feb.2018.

3. Academic calendar prepared & monitored as a benchmark for various academic activities.

4. Encourage various FD Programmes.

5. Successful visit by UGC & NBA Team conducted.

6. Feedback mechanism activated with the participation of various stakeholders.

7. Post NBA Accreditation and Autonomous works carried out for the next academic session under autonomy.
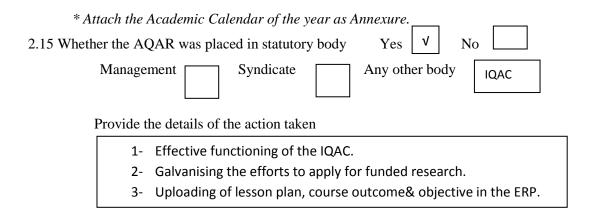
8. Suggested improvements in the Machine to Machine Laboratory (M2M Lab) for greater participation of students and followed the work done.

9. Suggested improvement in infrastructure for organization workshops, conferences and ensured the work done.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
1-Effective student centric learning process.	Improvement in various quality parameters like increase in the number of all clear subjects and average SGPA.
2-Inducing research culture	Substantial increase in the number of good Publications. More multidisciplinary projects undertaken under SRPS.
3-Promoting skill-based courses.	Conduction of skill-based invited TALKS & Workshops at the department level

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body   Yes [√]   No [ ]

Management [ ]   Syndicate [ ]   Any other body [IQAC]

Provide the details of the action taken

1- Effective functioning of the IQAC.
2- Galvanising the efforts to apply for funded research.
3- Uploading of lesson plan, course outcome& objective in the ERP.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	04	0	04	
UG	05	0	05	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	09	0	09	

Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
     (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	09
Trimester	
Annual	

1.3 Feedback from stakeholders*   Alumni [√]   Parents [√]   Employers [√]   Students [√]

(On all aspects)

Mode of feedback : Online [√] Manual [ ] Co-operating schools (for PEI) [ ]

*Please provide an analysis of the feedback in the Annexure

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

> Changes /revisions are done by the University, where some of our faculty members are involved as members of Boards of Studies. Several suggestions regarding syllabi of various courses are sent to the University.
>
> In addition to the above the ground work of the Syllabus Structures for all programs run in the Institute are completed, pending the Autonomy application with UGC.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

> No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
134	95	24	15	

2.2 No. of permanent faculty with Ph.D.   45

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
96	11	23	7	7	5			126	23

2.4 No. of Guest and Visiting faculty and Temporary faculty [ ] 02 [ ]

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	5	51	15
Presented papers	20	12	11
Resource Persons	0	06	07

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Non –negotiable academic calendar
- Student centric learning methods followed
- Faculty advisory system is improved with a system driven process
- Internal assessment based on course outcomes designed
- Preparatory classes for slow learners

2.7 Total No. of actual teaching days
      during this academic year

180

2.8 Examination/ Evaluation Reforms initiated by
      the Institution (for example: Open Book Examination, Bar Coding,
      Double Valuation, Photocopy, Online Multiple Choice Questions)

1- Online multiple choice questions for quiz tests.
2- Question Bank created & available for students for internal & Univ. Exam.

2.9 No. of faculty members involved in curriculum
      restructuring/revision/syllabus development
      as member of Board of Studies/Faculty/Curriculum Development workshops

08

2.10 Average percentage of attendance of students

80

2.11 Course/Programme wise
      distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
AEI	35	68	85.7			85.71
CSE	97	61.86	83.51			83.51
EEE	112	59.82	78.57			81.33
ECE	150	62	81.33			81
IT	45	28.89	62.22			62.2
MCA	32	81.25	90.63			90.6

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

1-Developement of quality benchmark for various academic & administrative activities

2-The IQAC has encouraged the faculties for research, publications & other activities.

3-Proper documentation of activities at the department & institute level through improvement in the Institute's ERP

4-Yearly academic audit by external experts & implementation of the recommendations

5-Creation of question banks for each course for students

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	37
Orientation programmes	37
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	8
Summer / Winter schools, Workshops, etc.	41
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	179	04	01	01
Technical Staff	43	04	02	

Criterion – III

3. Research, Consultancy and Extension

3.1   Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1- Interdisciplinary research cell established.
2- Monitoring research activities through RCC (Research Coordination Committee)
3- Facilities & assistance provided for R&D as seed money through Silicon Research Promotion Scheme (SRPS).
4- Subscription of on line journals for R&D.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

3.4   Details on research publications

	International	National	Others
Peer Review Journals	44	0	04
Non-Peer Review Journals	0	0	
e-Journals	0	0	
Conference proceedings	32	06	

3.5 Details on Impact factor of pub industry and other organisations

Range ☐ ☐ ☐ 15

  3.6 Research funds sanctioned and received from various funding agencies, industry & other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	17-18	SIT		
Students research projects				

(other than compulsory by the University)				
Any other(Specify)				
Total				

3.7 No. of books published   i) With ISBN No. [02]   Chapters in Edited Books [03]

ii) Without ISBN No. [ ]

3.8 No. of University Departments receiving funds from

UGC-SAP [ ]   CAS [ ]   DST-FIST [ ]

DPE [ ]   DBT Scheme/funds [ ]

3.9 For colleges   Autonomy [ ]   CPE [ ]   DBT Star Scheme [ ]

INSPIRE [ ]   CE [ ]   Any Other (specify) [ ]

3.10 Revenue generated through consultancy [ ]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	03	05		08
Sponsoring agencies	IEEE, ISTE, AICTE,OITS	DST, Institution			

3.12 No. of faculty served as experts, chairpersons or resource persons [09]

3.13 No. of collaborations   International [01]   National [03]   Any other [ ]

3.14 No. of linkages created during this year [01]

3.15 Total budget for research for current year in lakhs :

From Funding agency [ ]   From Management of University/College [ ]

Total [ ]

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17 No. of research awards/ recognitions   received by faculty and research fellows
    Of the institute in the year

Total	International	National	State	University	Dist	College

3.18 No. of faculty from the Institution
    who are Ph. D. Guides   14

    and students registered under them   42

3.19 No. of Ph.D. awarded by faculty from the Institution   02

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

    JRF [　]   SRF [　]   Project Fellows [　]   Any other [　]

3.21 No. of students Participated in NSS events:

University level [　]   State level [　]

National level [　]   International level [　]

3.22 No. of students participated in NCC events:

University level [　]   State level [　]

National level [　]   International level [　]

3.23 No. of Awards won in NSS:

University level [　]   State level [　]

National level [　]   International level [　]

3.24 No. of Awards won in NCC:

University level [　]   State level [　]

National level [　]   International level [　]

3.25 No. of Extension activities organized

University forum [　]   College forum [　]

NCC [　]   NSS [　]   Any other [03]

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Blood donation camp & AIDS awareness programmes organised regularly by the RED RIBON Club.

- Green club organises Tree plantation programmes.

- Volunteers under the banner of Student Council organises health& education awareness programmes in the nearby areas.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	18.376 acr		own	18.376
Class rooms	5034.15m		own	
Laboratories	6026.46m		own	
Seminar Halls			own	
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	71	15	own	86
Value of the equipment purchased during the year (Rs. in Lakhs)		87 lakh	own	
Auditorium		441 sqm	Own	441sqm

4.2 Computerization of administration and library

- ERP system fully operational in administration
- Library including attendance, issue & deposit of books
- Digital library with all facilities
- Online journals available for R&D.
- Member of Digital Library of INDIA.
- ERP is operational in store & purchase related work including issue of indent, purchase order, payment.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	1752	456631	223	111058	1985	739139
Reference Books	544	266246	120	52532	664	328778
e-Books						
Journals	221	220753	41	54621	262	275284

e-Journals	08	4227283	03	1728734	11	5956017
Digital Database						
CD & Video	200		100		300	
Others (specify)journals						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart- ments	Others
Existing	791	428	54			54	245	
Added	07	07	0			0	0	
Total	798	435	54			54	245	

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

> 1- The campus is WI-FI enabled with teachers & students getting the facility with prior permission.
>
> 2-Availability of on line resource material such as NPTEL video lecture.
>
> 3-The college is a member of the National Digital Library.
>
> 4-There is a Remote centre for various academic related courses offered by HRD Ministry.

4.6 Amount spent on maintenance in lakhs :

i) ICT   63.42

ii) Campus Infrastructure and facilities   94.84

iii) Equipments   5.5

iv) Others   11.35

Total :   175.35

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1-Faculty Advisory system strengthened to get in touch with the students directly by looking after their academic & other problems.

2-Student feedback mechanism process has been improved further.

3-Efforts are being made to help the slow learners in the form of doubt clearing classes.

4- Graduate/ Alumni survey report discussed & actions taken there of.

5.2 Efforts made by the institution for tracking the progression

1-Continuous evaluation provides scope to counsel students with feedback to improve their performance & behaviour.

2-The student counsellor, faculty advisor, subject teacher & the HOD keep a track on the activity of a student at their individual levels.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2032	102	0	0

(b) No. of students outside | 241 | the state

(c) No. of international students | 0 |

Men | No | % | Women

	Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
403	21	03	116	0	521	449	15	02	78	0	544

Demand ratio   Dropout %

5.4 Details of student support mechanism for coaching for competitive examinations (If any

1-pre – placement classes conducted from 5th sem for campus placement.

2-Books and other study materials available for competitive examination.

3-Special classes conducted in soft skill, reasoning for helping students

No. of students beneficiaries 　24

5.5 No. of students qualified in these examinations

NET 　　　SET/SLET 　　　GATE 32 CAT 14

IAS/IPS etc 　　　State PSC 02 UPSC 　　　Others 05

5.6 Details of student counselling and career guidance

➢ Academic counselling by the Faculty Advisor, Dean, HOD regularly for slow learners & career guidance for others.
➢ Personal counselling by the student counsellor regarding problems related to personal, career issues.
➢ The Industry Interface Cell conducts the placement related activities & support for all students such as:
   o Pre placement training for students.
   o Skill development training.
   o Personality dev. Training;
   o Pre placement Talk
   o GATE Preparatory classes.
   o GD & Mock interview.
   o Infosys campus connect programme.

No. of students benefitted 　470

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
21	404	253	32

5.8 Details of gender sensitization programmes

➢ Women's Grievance cell established & functional.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level 72 National level 01 International level 　

No. of students participated in cultural events

State/ University level 05 National level 　 International level

5.9.2   No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level [14]   National level [ ]   International level [ ]

Cultural: State/ University level [ ]   National level [ ]   International level [ ]

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	6	72000
Financial support from government	630	8458654
Financial support from other sources		
Number of students who received International/ National recognitions		

5.11   Student organised / initiatives

Fairs   : State/ University level [02]   National level [ ]   International level [ ]

Exhibition: State/ University level [02]   National level [ ]   International level [ ]

5.12   No. of social initiatives undertaken by the students [03]

5.13 Major grievances of students (if any) redressed: 03 (major grievances are addressed by Dean (student Affairs), Dean (Academics), Faculty in charge (Residence)

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:
To become a centre of excellence in the field of technical education and research and make students responsible citizens

Mission:
To provide the best of technical skills, professional ethics and human values in enriching the disciplines of Science, Engineering and Technology for Nation building. To promote Science, Technology and Innovation towards social development

6.2 Does the Institution has a management Information System

> Yes, participatory administrative structure maintained, processed and addressed through ERP, Library, canteen, finance, purchase, store & maintenance work is done through ERP.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

> Curriculum is designed by the university but suggestions from each department collected and intimated to the Board of Studies of the university.
>
> 2- Under Autonomy rules & regulations have been framed as per the guidelines for various academic activities including curriculum development.

6.3.2 Teaching and Learning

> 1- Learner-centric education approach through appropriate methodologies like academic calendar, interactive techniques, sessional classes.
> 2- Use of teaching-learning aids & application of ICT resources makes teaching effective for students.
> 3- Computerised central library & e- resources much effective for teachers & students.
> 4- Non-negotiable academic calendar,
> 5- Standard guidelines for teachers to prepare lesson plan, model questions & answers, course handouts.

6.3.3 Examination and Evaluation

> 1-Continuous internal assessment done as per university norms & result intimated to parents through SMS/ERP.
>
> 2-A proper Examination system has been devised for Autonomous system starting with question setting, examination, evaluation, publication through our own ERP.

6.3.4 Research and Development

> 1- Mechanism to promote research culture, publications & professional development among teachers for quality enhancement.
>
> 2-Research cell headed by Dean (Research) monitors research activities, encourages participation & conduction of seminars/ FDP/ WS./Funding Research.
>
> 3- Incentives for publication/ Silicon Research Promotion Scheme in place/Paid leave for research allowed.
>
> 4- Innovation cell set up for looking into various projects by students & faculties, participation in various events such as Hackathons.

6.3.5 Library, ICT and physical infrastructure / instrumentation

> 1-Use of ICT in education, e-library, more budgetary support for maintenance& infrastructure
>
> 2-E- library, facility for E-documentation of study materials, facility for printing, National Digital Library access available for teachers & students.

6.3.6 Human Resource Management

> - Welfare schemes for staff
> - various training programs for staff
> - Mechanism for performance assessment of all staff in place.

6.3.7 Faculty and Staff recruitment

> Recruitment process through advertisement, scrutiny, transparent interview by board.

6.3.8 Industry Interaction / Collaboration

> - Collaboration with Sankalp Semiconductor & Perfectus, USA for technological consultancy
> - Industry Interface cell organises expert talk & interactive sessions with industry people.
> - Setting up of Innovation Cell.

6.3.9 Admission of Students

> Admission according to the guidelines of state govt/AICTE/JEE(Main)

6.4 Welfare schemes for

Teaching	EPF, Group Health Insurance, Laptop, Vehicle scheme & Housing Scheme,
Non teaching	EPF, ESI, Laptop & Vehicle scheme, Group Health Insurance.
Students	Institutional scholarship

6.5 Total corpus fund generated   6.97cr

6.6 Whether annual financial audit has been done   Yes √   No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	yes		yes	
Administrative	yes		yes	

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes   Yes [　]   No [√]

For PG Programmes   Yes [　]   No [√]

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

> ➢ More transparent & continuous evaluation,
> ➢ Question bank for students online evaluation of answer scripts,
> ➢ Timely publication of result,
> ➢ Internal evaluation includes Quiz, Surprise test& assignment for the students.
> ➢ Emphasis on attendance with marks assigned for it.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

> With support from University, management & full participation of the faculties, staff, students, various stakeholders the Institute has been accorded Academic Autonomy by UGC from 2018-19.

6.11 Activities and support from the Alumni Association

> - Participation in Alumni meets & Delivering seminars for the benefit of students.
> - Providing placement related exposure to students.
> - Providing feedback on academic activities.
> - Interacting & delivering seminars to current students on latest trends in technology.

6.12 Activities and support from the Parent – Teacher Association

> ➢ Feedbacks taken from parents on academics, facilities, placement, student residence.
> ➢ Suggestions are forwarded for action at the appropriate level.

6.13 Development programmes for support staff

> 1- Various training programmes are organised for support staffs along with orientation programme.
>
> 2-Regular training programme on ERP Application & upgradation for staff.
>
> 3-Lab. Modernisation programme for Technical Asst.

6.14 Initiatives taken by the institution to make the campus eco-friendly

> 1- Green club established to look at various environmental issues
> 2- Energy conservation is made inside the campus.
> 3- Internal Energy Audit regularly.
> 4- Green campus & No plastic zone

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

> 1- Thrust on ICT enabled courses & classrooms.
> 2- Course handout, C0s & PEOs, course materials uploaded in ERP.
> 3- Class arrangement, monitoring, attendance & internal marks and their analysis made available for students & their parents.
> 4- Silicon Health Care Fund for staff.
> 5- Internal questions based on NBA requirement

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Plan of Action	Achievement
University affiliation & audit	Affiliation from University/ Audit completed.
Inducing research culture	Funded Research Cell established with clear guidelines.
Process of performance appraisal Of faculties &staffs	Carried out in MAY-2018 & positive actions taken
Eco friendly campus	Solar panels established.
Application for Autonomy	Accorded Academic Autonomy by UGC from 2018-19
NBA Accreditation	THREE Programms Accredited.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

> ➢ E- governance fully implemented in the campus.
> ➢ Faculties are encouraged for higher studies & innovative projects.

Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

- Green club activities more expanded with emphasis on green campus/ Plastic free zone.
- Thrust on Energy conservation
- Establishment of solar panels.
- Process of Setting up of a STP already started.

7.5 Whether environmental audit was conducted?   Yes | √ | No | |

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

STRENGTHS:
1- Career guidance & placement
2- Attrition rate of faculty is low
3-Encouragement for students to do innovative projects & training for entrepreneurship through

incubation cell.
WEAKNESS:
1- Low admission in PG Programmes.
2- Slow progress in getting funds for research from funding agencies.
3- Retention of qualified faculties.

8. **Plans of institution for next year**

1-To successfully implement academic autonomy accorded by UGC in curriculum design,
teaching-learning , examination and evaluation.
2-More linkages and collaborations with external organisations
3- More research initiatives after Autonomy and NBA Accreditation.
4-To improve our NIRF Ranking.
5-A successful preparation for 2nd cycle NAAC Accreditation next year.

Name Dr.Siba Sankar Nayak   *Name Dr. Saroj Kanta Misra*

_____   _____
Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

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Annexure I

Action Taken   Report on Feedback

1) The feedback from students is discussed in details in appropriate forum   and some   positive action is taken.

2) A proper counselling is done for   some faculties with external subject experts.

3) Some faculties are advised to take one course & develop the basics.

4) Faculties are advised to go for refresher courses and take remedial classes for students.

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